

**Water undertakings (England and Wales) : return to an order of the Honourable The House of Commons, dated 24 November 1910 for Return "showing, as regards every water undertaking in England and Wales.**

### **Contributors**

Great Britain. Local Government Board.

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# WATER UNDERTAKINGS (ENGLAND AND WALES).

RETURN to an Order of the Honourable The House of Commons,  
dated 24 November 1910;—for,

RETURN “showing, as regards every Water Undertaking in England and Wales,—  
(a) the powers, if any, under which the undertakers are authorised to supply water;  
(b) the limits within which the undertakers are authorised to supply water;  
(c) the places actually supplied;  
(d) the sources of the supply, their nature and sufficiency;  
(e) particulars as to the works, the quantity and quality of the water supplied;  
and also, as regards every district in England and Wales:—  
(a) the area and population of the district, and the number of houses therein;  
(b) the number of houses supplied with water from a piped service;  
(c) the names of the undertakers providing a supply of water;  
(d) the source, nature, and sufficiency of the supply where there is no piped service.”

Local Government Board, }  
28 July 1914. }

H. C. MONRO,  
Secretary.

(*Mr. Herbert Lewis.*)

Ordered, by The House of Commons, to be Printed,  
28 July 1914.

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1915.







3. *Select Committee of 1821*.—Eventually in 1821 a Select Committee of the House of Commons was appointed to inquire into the past and present state of the supply of water to the Metropolis and the laws relating thereto. The Committee reported that “a material improvement had taken place in the supply both in respect of abundance and certainty,” and that “the supply of water to London was very superior to that enjoyed by any other city in Europe.” Nevertheless, they pointed out the need for more effective control over the water companies, and recommended legislation to limit their charges and to enable regulations to be made for preventing the waste of water, arbitrary curtailment or withdrawal of supplies, &c. This report was followed by an ineffectual attempt at general legislation, after which the subject dropped, owing, it would seem, to certain steps taken by the companies to avoid occasioning any new cause for discontent.

4. *Royal Commission, 1827–8*.—A few years later, however, the public became dissatisfied with the quality of the water supplied to them, and the inhabitants of Lambeth, Southwark and the western portion of the Metropolis petitioned Parliament for an inquiry into the state of the supply. With the exception of the water provided by the New River and East London Companies the whole of the supply to London was at this time derived from the tidal waters of the Thames at points between London Bridge and Hammersmith, and was distributed as a rule without filtration.

In 1827 a Royal Commission was appointed to inquire into the quality and salubrity of the supply of water in the Metropolis, including the south and Surrey sides thereof. The Commissioners reported that many of the complaints were well founded, that the supply required improvement, and that it ought to be derived from other sources and guarded by such restrictions as would at all times ensure its cleanliness and purity. In consequence of this report the companies endeavoured to improve their supplies by changing their sources, constructing new reservoirs and installing systems of filtration.

5. *Select Committee of 1828*.—A Select Committee of the House of Commons in July 1828 fully endorsed the views of the Royal Commission, and recommended that Mr. Telford, an eminent engineer and member of the Commission, should be instructed to undertake the necessary surveys with a view to the formulation of a practicable and efficacious scheme for supplying the whole of the Metropolis with pure and wholesome water. The Committee commented on the inequality of the rates charged by the various companies, and the need for their regulation in this respect.

6. *Mr. Telford's Report, 1834, Select Committees of 1834 and 1840, and Royal Commission of 1843–5*.—Mr. Telford was instructed accordingly, and in his report, made in 1834, he advised that the northern part of the Metropolis, then obtaining water from the Thames, should be supplied from the River Verulam at Bushey Mill near Watford, and the southern part from the River Wandle at Beddington Park. He recommended that the New River Company should take steps to safeguard the River Lee from pollution and to pump auxiliary supplies from that river at Tottenham. The East London Company had in the meanwhile carried out improvements designed to ensure a satisfactory supply.

Mr. Telford's report was referred to a Select Committee of the House of Commons, which was unable to complete its inquiry, and merely submitted the evidence taken and recommended renewal of the Committee in the next Session of Parliament. The Committee, however, was not renewed.

In 1840 a Select Committee of the House of Lords was appointed to consider the existing supply of water to the Metropolis, but it merely examined several witnesses and submitted the evidence.

The Royal Commission on the Health of Towns devoted a portion of their second report, published in 1845, to the Metropolis, and as regards the water supply, stated that the principles of legislation which they recommended (*see* paragraph 35) were applicable to the Metropolis, with such modifications as the varied circumstances of the localities suggested in the constitution of the administrative body for the control and direction of local works. They called attention to the ruinous competition among the water companies then supplying water in London, and to the report of the Committee of 1821.

7. *Cholera Outbreak of 1849 and Report of Board of Health, 1850*.—Attention was again drawn to the matter in 1849 in consequence of an outbreak of cholera in London. The General Board of Health, which had recently been constituted under



the Public Health Act, 1848, completed a detailed investigation of the question which had been commenced by the Metropolitan Sanitary Commission. They presented a report in 1850 dealing very fully with all questions affecting the water supply of the Metropolis, and strongly urged that the Thames should be abandoned as a source and that a supply should be taken from the Bagshot Sands in the Hindhead district of Surrey. They were also in favour of carrying out works of water supply and drainage at the same time, and of substituting for the water companies the Consolidated Metropolitan Sewers Commission. The Board attached great importance to the provision of an unlimited and constant supply and to the question of reducing the hardness of the water, and one of their chief arguments in favour of a supply from the Surrey Sands was the greater softness of that water. Detailed information respecting the yield of the proposed sources was given in reports and papers published by the Board of Health in 1851.

8. *Royal Chemical Commission, 1851.*—In the same year a Bill was introduced bearing upon the supply of water from the River Lee. The Committee of the House of Commons, which considered it, criticised the Report of the Board of Health somewhat severely, and some of the conclusions were in consequence discredited. A scientific Commission was then appointed by the Government to inquire into the chemical quality of the water. In their report the Commissioners described the general qualities and defects of the water supply. They stated that if any considerable quantity of water should continue to be drawn from the Thames it should be taken at points removed from contamination and above tidal influence. In their view the abandonment of the Thames as a source of supply was only a matter of time, unless artificial means of purification could be devised and applied. The Commissioners were satisfied as to the purity of the water recommended by the General Board of Health, but doubted whether a sufficient quantity would be available. They favoured schemes for obtaining supplies from chalk springs near Watford for the north, and between Blackheath and Higham for the south of the Metropolis.

During these investigations modifications in the drainage of London were gradually affecting the tidal waters of the Thames. It had long been penal to allow any solid matter to pass into the drains, but with a more plentiful supply of water it was at length made compulsory to wash all solid matter into the drains. But the increase of the population and the extension of the water supply had largely augmented the quantity of house drainage, and it was therefore thought a matter of vital importance to ensure that water for domestic purposes was no longer derived from the tidal waters of the Thames. In these circumstances and as the result of the preceding investigations the Government considered legislation to be essential.

9. *Metropolis Water Bill of 1851.*—Accordingly, a Bill was introduced by Sir George Grey to amalgamate all the existing companies into one, to compel this new company to obtain water from such sources as the Secretary of State might direct, and otherwise to improve the quality of the water. The Bill empowered the Treasury to purchase the property, works and rights of the amalgamated "Metropolitan Water Company" upon giving six months' notice, and upon payment of a sum computed after the rate of 125*l.* for every 100*l.* capital stock of the Company.

In introducing the Bill, Sir George Grey said that if a representative metropolitan municipality were in existence or could be provided, he had no doubt that the best plan would be to act through its instrumentality, as in the case of certain large towns, and that such an agency would be more satisfactory to the inhabitants than any other system. The Bill passed Second Reading, but failed to proceed further owing to opposition evidence given before a Committee presided over by Sir James Graham, which did not issue a report. Consequently the Metropolis Water Bill of the following session did not seek to disturb the companies.

10. *The Metropolis Water Act, 1852.*—This Act was the first general Water Act applying to London. It confirmed the companies in their functions and introduced important provisions for their regulation. The chief of these were (a) that after the 31st August 1856 the companies were prohibited from taking water from the River Thames below Teddington Lock, or from the tidal waters of any tributary stream; (b) that all reservoirs and aqueducts within a direct distance of 5 miles from St. Paul's Cathedral were to be roofed or covered over, unless the water was subsequently filtered; (c) that all water supplied for domestic use was to be efficiently filtered, unless



pumped direct from wells into covered reservoirs; (d) that no new source of supply was to be utilised without the approval of the Board of Trade; (e) that formal complaints as to quantity and quality were to be investigated by the Board of Trade; and (f) that after the expiration of 5 years from the passing of the Act a constant supply at high pressure was to be given where demanded, under certain conditions, by four-fifths of the inhabitants of the district.

The immediate consequence of this Act was the removal of the intakes of all the water companies drawing from the Thames to places above Teddington Lock. The Lambeth and Chelsea Companies erected their new works on the south bank of the river at Long Ditton, while the West Middlesex, Grand Junction and Southwark and Vauxhall Companies constructed their intakes and pumping establishments on the north bank of the river at Hampton. The East London Company also removed its intake on the Lee to Ponders End, above the reach of the tide. Later the Kent Company, in 1862, abandoned the polluted Ravensbourne.

11. *Inquiries by Board of Health, 1854-7.*—In consequence of an outbreak of cholera in 1854 the General Board of Health instituted an inquiry into the chemical composition of waters supplied in the Metropolis. From their report it appeared that some of the waters were very unsatisfactory, whilst the River Thames, even above Teddington Lock, was found to be liable to contamination by very objectionable impurities. In 1856 the Board of Health directed chemical and engineering inquiries to ascertain the results of the works, on which about 2,500,000*l.* had been expended by the companies in order to comply with the provisions of the Act of 1852. The chemical report showed that while the hardness and solid contents of the water remained about the same, there was a very considerable diminution in the amount of organic matter. This was attributed partly to the new intakes and partly to improved methods of collection, filtration, and distribution. The engineers reported favourably on the new works of the Companies and on the manner in which the provisions of the Act had been carried out. They suggested, however, that further inquiry should be made into the removable causes of contamination of the Thames and its tributaries above the sources of supply, and recommended the introduction of the constant service system. A microscopical examination of the waters made in January 1857 showed that, while the condition of the water was greatly improved, it still contained considerable numbers of living vegetable and animal organisms not found in pure waters.

12. *Reports of Rivers Pollution Commission as to Rivers Thames and Lee.*—The condition of the River Thames was not further investigated until 1865, when a Royal Commission was appointed to inquire into the best means of preventing pollution of rivers, with special reference to selected river basins. The inquiry was subsequently extended to include the subject of water supply. The Report of the Commissioners on the River Thames in 1866 recommended that the whole river should be controlled by one governing body, empowered to ensure its freedom from pollution. An Act was therefore passed in the same year which gave effect to these recommendations by establishing the Thames Conservancy Board. In the following year the Commissioners reported that the River Lee with its tributaries was liable to pollution by sewage and factory refuse, and that there were peculiar difficulties as to its purification and general management, and they recommended measures for its improvement. Accordingly, the Lee Conservancy Act of 1868 was passed constituting the Lee Conservancy Board and endowing them with powers analogous to those of the Thames Conservancy Board.

13. *Cholera in East London, 1866.*—A severe outbreak of cholera in the East of London in the year 1866 was generally attributed to the water supplied by the East London Waterworks Company, and formal complaints by the inhabitants led to an investigation by a Commissioner appointed by the Board of Trade, under the provisions of the Act of 1852. The Commissioner reported that the River Lee was much contaminated by sewage, and that impure water therefrom found its way into the Company's reservoirs, and he advised improved filtration and storage. Meanwhile, with a view to improving and augmenting their supply, the Company, early in 1867, applied to Parliament for powers to enlarge their works, and as the very dry season of 1864 had led them to distrust the River Lee as a source from which to draw a sufficient supply, they also sought power to draw 10,000,000 gallons of water per day from the Thames at Sunbury. Both these Bills were passed with certain controlling provisions, and the Committee of the House



of Commons to whom they had been referred was instructed to enquire also into the operation and results of the Metropolis Water Act, 1852, which had then been in full operation for 10 years.

14. *Select Committee of 1867.*—The Committee reported that they were satisfied as to the quantity and quality of the water supplied from the Thames, and saw no reason to disturb the arrangements for safeguarding the supply made under the Act of 1852. As regards the River Lee, although they agreed with the Rivers Pollution Commission that it was liable to serious contamination, they considered that the water then supplied from the river was not only wholesome, but compared favourably with that supplied in other places. They suggested certain modifications in the remedial measures recommended by the Commission, and stated that when these improvements were carried out the river would be free from risk of contamination. They reported that the quality of the water supplied by the Kent Water Company was not questioned, and that the supply was in their opinion adequate. They recommended further that a constant service should be enforced under strict provisions for preventing waste and ensuring the suitable condition of all domestic water fittings, that the Metropolitan Board of Works should see that the statutory obligations of the water companies were duly fulfilled, and that an Act should be passed embodying their suggestions and consolidating all the existing laws as to the water supply of the Metropolis.

15. *Royal Commission, 1867-9.*—Uneasiness was still felt, however, as to the sufficiency and wholesomeness of the water supplies of London, and a Royal Commission, with the Duke of Richmond as chairman, was appointed to inquire into the existing supply of the Metropolis and the practicability of obtaining unpolluted and wholesome supplies for London and other large towns in England and Wales. The first Commission, which was dated 24th December 1866, was revoked and a new Commission issued in 1867. In 1869 the Commission reported that, after detailed investigation of numerous schemes, including proposals to bring water to London from the mountainous districts of Cumberland and Wales, they preferred the existing sources of supply for the Metropolis. They stated that there was no evidence to show that the water supplied by the companies was not generally good and wholesome, though perfect filtration was highly essential and more efficient means of securing this were required. The Commission also considered that ample supplies were available, and they advised that a constant service system should be promptly introduced to the furthest extent possible. To accomplish this, however, they were of opinion that the control of the water supply should be entrusted to a responsible public body, with power to purchase and extend existing works and to levy water rates.

16. *Metropolis Water Act, 1871.*—A Government Bill was introduced in 1871 to give effect to the recommendations of the Royal Commission. The Bill originally provided for compulsory purchase of the Companies' undertakings, but in consequence of opposition the clauses relating thereto were withdrawn. A Select Committee of the House of Commons was appointed to consider the curtailed Bill, the principal object of which was to secure for the Metropolis a constant supply of good water. The Committee reported that, as the provisions in the Act of 1852 for ensuring a constant supply had in practice proved inoperative, they had inserted clauses repealing these provisions and requiring the Companies, under certain conditions, to furnish a constant supply on the demand of local authorities or of the Board of Trade. The amended Bill was subsequently passed as the Metropolis Water Act, 1871.

The Act required the Companies to make regulations, subject to approval of the Board of Trade, for preventing waste, &c. of water, and also empowered the Board of Trade to investigate and cause to be remedied any complaints respecting the quality of the water, and to appoint a Water Examiner, to be remunerated by the Companies, whose duty it should be to ascertain that all water, except that pumped from wells into covered reservoirs, was effectually filtered before distribution. The powers of the Board of Trade under the Act were transferred to the Local Government Board by the Public Health Act, 1872.

17. *Miscellaneous Reports, &c., 1872.*—Among various papers relating to the water supply of the Metropolis submitted to Parliament in 1872 were—

- (a) Reports as to inadequacy at Bermondsey and impurity at Newington, by the Water Examiner appointed under the Act of 1871.
- (b) Reports on analyses of the waters supplied by the Companies during 1869-71.



- (c) Reports on the constant service system of water supply.
- (d) Return showing all public surface wells in the Metropolis, specifying such as were permanently closed.
- (e) Regulations made by the Companies under the Metropolis Water Act, 1871, for a constant supply of water, approved by a Commission of Inquiry appointed by the Board of Trade.

18. *Final Report of the Rivers Pollution Commission, 1874.*—In 1874 the Royal Commission on the Pollution of Rivers issued their final report dealing with the domestic water supplies of Great Britain. The report contained a comprehensive historical and descriptive account of the water supply of the Metropolis, and the Commissioners stated that after careful consideration of the existing water supply and the possibility of its improvement, they were of opinion that both the Thames and Lee ought to be abandoned as sources of supply. They considered it unnecessary to bring water from Cumberland or Wales, and suggested that abundant supplies of excellent water could be obtained from springs and deep wells in the Valley of the Thames. To attain this end they recommended that the supply of the Metropolis should be controlled by a responsible public body with power to acquire existing works and construct any other works that might be necessary.

19. *Bills of 1878 to 1886 and Select Committee of 1880.*—Two Bills were introduced by the Metropolitan Board of Works in 1878, one, based upon the dual system, sought to provide a new constant high-pressure service for drinking and cooking and for extinction of fires without interfering with existing supplies, whilst the other sought powers to purchase the Companies' undertakings. Both Bills were lost; the District Auditor disallowed the heavy expenditure incurred without proper authority, and an Indemnity Act had to be passed in the following Session to relieve members of the Board of Works from liability.

The Bill of 1880 arose out of this failure on the part of the Metropolitan Board of Works, for upon a motion by Mr. Fawcett in 1879 calling upon the Government to deal with the pressing question of London's water supply without further delay, the Home Secretary, Mr. Cross, undertook to bring in a Government measure. The Bill provided for the public control of the water supply by the formation of a Water Trust representing the ratepayers, metropolitan authorities, and various Government Departments. It was proposed to acquire the undertakings of the Companies by the issue to them of  $3\frac{1}{2}$  per cent. water stock in payment, the total purchase price being provisionally fixed at 31,000,000*l.* The Bill was strongly opposed by the City Corporation and the Metropolitan Board of Works. A change of Ministry occurred before it could be considered by a Committee, and the Committee which actually considered it, and which was presided over by Sir William Harcourt, reported that the control of the water supply by a public body was very desirable, and suggested early legislation for the creation of a Water Authority representing the Corporation of London, the Metropolitan Board of Works, and the districts outside the metropolitan area which were supplied by the Companies. The Committee also thought it desirable to acquire the undertakings upon fair and reasonable terms, but as they were of opinion that the present terms of the Companies were excessive, they suggested that it should be the duty of the Water Authority, when constituted, to consider whether a new and better supply could not be obtained at less cost. No action was taken on this Report, and the Bill was dropped.

The Metropolitan Board of Works introduced Bills in 1884, 1885 and 1886 to empower them to introduce Bills dealing with the water supply of London, but they failed to become law.

20. *London County Council and City Corporation Committee's Reports, 1890. Select Committee, 1891.*—The water supply of the Metropolis engaged the attention of the London County Council soon after their formation in 1889, and, as a result of inquiries instituted by them under statutory authority, they reported that there were strong *prima facie* grounds for believing that the Thames would not long suffice for the needs of the rapidly growing population of the Metropolis. In view, however, of the limitation of their powers, they urged the Government to institute a comprehensive inquiry into the matter. At the same time a Committee of the City Corporation recommended that the undertakings of the Companies should be transferred to a public authority controlling the whole supply of the Metropolis. These recommendations were embodied by the Corporation in the London Water



Commission Bill, 1891, which, together with one promoted by certain Metropolitan Vestries, and known as the Metropolitan Water Supply Bill, 1891, was referred to a Select Committee, presided over by Sir Matthew White Ridley, for inquiry. The former of these Bills proposed to constitute a Commission with power to introduce Bills in Parliament for the acquisition of existing waterworks and the construction of new works, and the latter to create a representative Trust to purchase the Companies' undertakings by agreement or on arbitration terms. Another Bill promoted by the London County Council was dropped. The Committee reported generally in favour of the London County Council becoming the Water Authority for London, and recommended that the Council should be empowered to promote Bills to enable them to investigate the whole question of the water supply, and to acquire, either alone or in conjunction with the Authorities of outside areas, the undertakings of the eight Water Companies. It was suggested that failing agreement the transfer should be effected by arbitration within a limited period.

21. *London County Council Water Committee's Report, 1891, and London Water Act, 1892.*—A report by the Water Committee of the London County Council on the proceedings in Parliament on the Water Bills of 1891 declared that the Council was unable to accept the condition contained in the third recommendation of the Ridley Report that the London County Council, if constituted a Water Authority, should be required to purchase the undertakings of the eight water companies by agreement or by arbitration within a fixed period. It accepted the recommendation of the Harcourt Report that for "certain purposes at least it would be desirable to acquire the undertakings of the existing companies if the same could be obtained on fair and reasonable terms"; and that such terms should be based, not upon the price according to past dividends or Stock Exchange values, "but upon the true value of the undertaking, having regard to its legal position and liabilities, to the condition of the property, and to its ability to supply future wants." The London Water Bill, 1892, was promoted by agreement between the City Corporation and the London County Council to constitute a new Water Authority and to empower the County Council to promote Bills relating to the supply of water within the limits of the Metropolitan Water Companies and to make inquiries as to the existing supply of water within that area and as to other possible sources of supply. The Select Committee on the Bill struck out those portions which proposed to constitute a new Water Authority and the Bill was then passed.

22. *Royal Commission, 1892-3.*—In 1892 a Royal Commission under the presidency of Lord Balfour of Burleigh considered the quality and adequacy of the water supplies available within the watersheds of the Rivers Thames and Lee, together with various schemes relating to the supply of the Metropolis. The Commission stated that, in their opinion, the existing supply in the Metropolis was of a high standard of excellence, but they suggested measures for the prevention of pollution of the Rivers Thames and Lee and their tributaries, for treatment of the water after its abstraction from the rivers, and for augmenting the existing supplies. They were satisfied that if effect were given to their recommendations an ample supply would be secured to the Metropolis for a long time, without prejudice to the supplies of neighbouring districts.

23. *Bills of 1894-7 and Select Committee of 1896.*—Bills for the purchase of each of the eight Companies' undertakings were introduced by the London County Council between 1894-7. In 1895 the Bills were opposed by Mr. Chaplin, President of the Local Government Board, who had suggested that arbitration under the Lands Clauses Consolidation Act should be assented to and that a new Water Trust should be substituted for the Council; but to this the County Council would not assent. After the dissolution of Parliament in 1895, which suspended the Bills, the London County Council passed a resolution asking the Government to promote or assist legislation to place the entire control of the water supply within the area of the County of London in the hands of the London consumers directly represented by the County Council and the City Corporation; and recommending that the consumers in the Metropolitan water area outside the county should not be denied or deprived of similar rights in their respective areas, and that the purchase price should not be assessed under the provisions of the Lands Clauses Consolidation Act but based upon the fair and reasonable value of the undertakings, due regard being had to the rights, special circumstances and obligations of the companies. A Bill was promoted by the Government in 1896 for the formation of a Water Trust. Both this and



the London County Council's Bills failed to become law. Several Bills were also promoted in 1896 by the Water Companies, and the Select Committee that reported on these Bills pointed out that no regulations existed for ensuring the purity of the water as recommended by the Royal Commission of 1893, that the powers of the Water Examiner were very limited, and that the position of the water supply was not in accordance with the public interest.

24. *Metropolis Water Act, 1897*.—The Metropolis Water Act, 1897, enabled the Railway and Canal Commissioners to determine complaints by consumers and local authorities respecting the quality and quantity of the water, and empowered them to compel the Companies to remedy any default.

25. *Royal Commission, 1897-9, and Metropolis Water Act, 1899*.—In view of the failure of several Bills proposing the purchase of the Water Companies' undertakings, a Royal Commission, with Lord Llandaff as chairman, was appointed in 1897 to inquire into the desirability of the establishment of a public authority to acquire and manage these undertakings, the constitution of such an authority, and the practicability of intercommunication of the companies' systems. Considerable distress in East London due to curtailment of supplies by the East London Waterworks Company during a drought in 1898 led the Commission to issue an interim report recommending immediate legislation to render intercommunication possible. The Metropolis Water Act, 1899, accordingly enabled and required the companies to supply each other in cases of emergency. The Commission considered a scheme advocated by the London County Council for procuring an additional supply from Wales, but stated in their final report of 1899 that a good and sufficient supply was available from the watersheds of the Thames and Lee, provided that efficient measures were taken for its storage and protection. In view of the magnitude of the future requirements of the Metropolis, and the inadvisability of relying upon private enterprise for the necessary scientific treatment of the river water, the Commission recommended the constitution of a permanent Water Board as the best means of ensuring a pure supply, efficient distribution, and prevention of waste. They suggested that the members of the Board should be appointed by the County Councils concerned and the Thames and Lee Conservancy Boards, and that the Board should be empowered and required to acquire by agreement or arbitration the Companies' undertakings, the expenses of purchase to be defrayed by the issue of a 3 per cent. stock on the security of the water charges in the whole area supplied.

26. *Metropolis Water Act, 1902*.—As a result of the report of the Royal Commission, Bills were introduced in 1900 and 1901, but were defeated in each case on second reading. In 1902, however, the Metropolis Water Act was passed to establish a Water Board on the lines recommended. The Board was more representative than that suggested by the Commission, as it included also members appointed by the local authorities of districts within the Companies' limits of supply. In order to secure the purity of the supply the Board were required to cause chemical and bacteriological examinations of the water to be made, and to afford facilities for inspection to the Government Water Examiner. The Act also conferred various powers upon the Local Government Board, to whom the Water Board were required to furnish an annual report on their proceedings for submission to Parliament.

27. *Metropolitan Water Board*.—The Metropolitan Water Board was established in April 1903, and was immediately occupied with the financial and other business arising from the proceedings of the Court of Arbitration, and in preparing for the organisation of the water undertakings under one administration. It was not until July 1905 that the whole of the Companies' undertakings were formally vested in the Board. The cost of acquisition of the several companies' undertakings was 46,939,258*l.*

28. *Metropolitan Water Board (Charges) Act, 1907*.—One of the Board's first duties was the preparation of a Bill providing for uniform scales of charges throughout the Metropolitan area in lieu of the varying charges of the Water Companies, which had been temporarily retained. The Metropolitan Water Board (Charges) Act was accordingly passed in 1907 prescribing such scales, the charge for water for domestic purposes being fixed at 5 per cent. on the rateable value of the premises supplied. Since this Act was passed there has been an annual deficiency in the accounts of the Water Board varying from 25,000*l.* to 74,000*l.*, which has had to be defrayed by a rate levied over the whole area supplied.



29. *Water Examinations.*—In order to fulfil their statutory obligations for ensuring the purity of the water supplied by them, the Water Board decided, on the advice of a committee of experts, to organise a central research laboratory with a special staff under the control of a Director of Water Examinations. The utmost importance is attached by the Water Board to the frequent and systematic examination of the water, and periodical reports are made to them on the results of such examinations, whilst valuable reports on special researches as to water purification have been issued by them.

30. *Particulars of Undertaking.*—Particulars of the undertaking as it existed on 31st March 1914 appear on pages 163-5 of the present return and the following summary includes some additional information :—

The area and population of each county within the Water Board's statutory limits of supply is shown in the following table :—

County.	Census 1911.	
	Area in Statute Acres.	Population.
London - - - - -	74,816	4,521,685
Essex (part) - - - - -	68,536	867,391
Hertford (part) - - - - -	14,636	11,221
Kent (part) - - - - -	101,842	238,753
Middlesex (part) - - - - -	62,511	914,696
Surrey (part) - - - - -	35,360	220,499
Total - - - - -	357,701	6,774,245

The chief sources from which the Water Board obtain water continue to be the Rivers Thames and Lee, 59·1 per cent. of the total supplies being derived from the former and 23·6 per cent. from the latter, while only 17·3 per cent. is obtained from wells and other sources. The Board's works of filtration include 172 filter beds with a total area of 170 acres, while a further 15 acres of filter beds are about to be provided. Eight patent filters have also been installed. The Board possess 49 storage and 84 service reservoirs, with a total capacity of about 12,908 million gallons, and when the works at present authorised are completed this total will be increased to 25,208 million gallons.

The average daily supply per head in 1913-14 was 36·16 gallons. The total average daily quantity of water supplied was over 244 million gallons or more than 200 million gallons in excess of that supplied by the Manchester Corporation, who own the second largest undertaking in the country. With the exception of the new water supply scheme for greater New York, which is said to provide a supply of 500 million gallons a day, the Metropolitan Water Board manage the largest water undertaking in the world.

#### WATER SUPPLIES OUTSIDE THE METROPOLIS.

31. *Early Municipal Undertakings.*—The authorities of a few provincial towns had at an early date provided piped supplies of water, probably under powers conferred by their charters. Municipal supplies were stated in a Parliamentary return of reproductive undertakings of municipal corporations issued in 1899 to have been established at Southampton in 1420, Hull in 1447, Bath in 1500, Plymouth in 1590, Rye and Oxford in the 17th century, and Pembroke, Haverfordwest, Richmond (Yorks.), and Aberystwyth between 1800 and 1844. On the other hand some towns which possessed early local Acts authorising a public supply of water did not claim in that return the date of those Acts as the date of the institution of their water undertakings, so that in all probability the early powers lapsed. The first local Act authorising a municipal water supply appears to be one of 1541 conferring powers on the Mayor and Dean of Gloucester. An Act of 1585, obtained by Sir Francis Drake, gave similar powers for Plymouth and one of 1593 for Stonehouse. The disturbed state of the country during the 17th century no doubt accounts for the absence of further legislation authorising supplies of water to provincial towns, but it has been seen that several London supplies were



inaugurated during this period. An Act of 1741 empowered the Corporation of Gloucester to contract with any person willing to undertake to convey water from certain springs to supply the city, and in 1747 an Act was passed for repairing, improving, and maintaining the public conduits and other waterworks belonging to the town of Southampton. An Act of 1766 empowered the Corporation of Bath to undertake works necessary for bringing water to the city from certain springs owned by them, all rights respecting water courses, &c., connected with the springs being vested in the corporation. Another Act passed in 1775 empowered Commissioners for the Borough of Brecknock to supply the town and liberties thereof with water obtained from various sources, to carry out all necessary works, and to contract for supplies of water. The Commissioners relied wholly upon the River Honddu for a supply, but as the Act limited the quantity of water to be taken from this source, only a very small part of the town was supplied by them. Between the years 1775 and 1840 a few other municipal authorities and a number of companies obtained by local Acts powers to supply water.

32. *Select Committee of 1840.*—A Select Committee of the House of Commons in 1840 inquired into the circumstances affecting the health of the inhabitants of large towns and populous districts with a view to improved sanitary regulations, and reported that the provision of ample supplies of water within the reach and means of the poorer classes was of the utmost consequence, as in some places the existing supplies were lamentably deficient.

33. *Mr. Edwin Chadwick's Report, 1842.*—In 1842 a report by Mr. Edwin Chadwick to the Poor Law Commissioners on the sanitary condition of the labouring population of Great Britain again drew attention to defects in existing water supplies and the necessity of improved supplies for house and street cleansing.

34. *Health of Towns Commission, 1843-5.*—In the following year a Royal Commission, with the Duke of Buccleuch as chairman, was appointed to inquire into the state of large towns and populous districts in England and Wales. The Commissioners issued reports in 1844 and 1845 reviewing, amongst other things, the question of water supply in towns and populous districts, and specially considering the supplies to the poorer classes. They printed a table setting out, in respect of 50 populous towns to which they sent a list of questions, the answers given (amongst other things) to the questions from what sources the town was supplied with water and how the poorer classes were supplied. The reports show that few local improvement Acts contained any provisions on the subject of water supply. Public supplies in large towns were generally afforded by joint stock companies under powers conferred by special Acts of Parliament, but the difficulty, delay and expense of obtaining these Acts formed a great obstacle in procuring such supplies, especially in smaller towns. The laws in force and the usages then prevailing with regard to the supply of water in the great majority of towns and districts provided only for carrying mains through the principal streets, and failed in the important matter of carrying supplies into the habitations of the poorer consumers under an economical and properly regulated system. In consequence many people were obliged to carry their supply of water considerable distances at much inconvenience, labour, and expense. A large number of people in towns were unable to avail themselves of the piped services, and depended for their supplies upon wells, springs, ponds, rainwater or adjacent streams—sources which were frequently liable to pollution.

The Commissioners summarised the results of their inquiries in regard to the water supply of the 50 large provincial towns referred to, in the statement that the supplies of 6 of the towns were good, of 13 indifferent, and of 31 bad. They quoted evidence showing—

- (a) the expense and inconvenience of common standpipe or tank supplies, and the frequent and increasing pollution of wells in densely peopled districts;
- (b) the impurities and deterioration in water, comparatively pure at its source, through the use of butts or tanks for intermittent supplies;
- (c) the advantages of constant supplies;
- (d) the improved health and cleanliness of the labouring classes resulting from provision of supplies of water in their houses;
- (e) the possibility of providing abundant and inexpensive supplies for the poorer inhabitants.



Their report states that from the returns received from the 50 towns visited, it appeared that 26 only were supplied with water under the provisions of any Act of Parliament. The supply in these towns was very deficient, and in many of them only extended to a part of the town, the poorest and most populous portions deriving little or no benefit. In some of the larger towns the proportion of the houses that received a separate supply was extremely small. Thus at Birmingham only 8,000 out of 40,000 houses were stated to be separately supplied and at Newcastle upon Tyne it was stated that the company supplied about one-twelfth only of the dwelling houses, and that very few of those had either tanks or tubs.

In other towns not supplied by any public company or under any local Act, the inhabitants sometimes had the advantage of a supply by pipes from ancient springs belonging to the corporation or some private individual, but the supplies were generally inadequate to the demands of the population, in many instances owing to the defective system of distribution. Thus, at Coventry the springs on one side of the town, which were described as being sufficient to afford the means of giving a cheap and abundant supply, were under lease to an individual, and only between 300 and 400 houses out of 7,200 received a supply. The Town Council was stated to have a supply of water under their command, but it was let. At Norwich, where about one-fourth only of the houses were supplied, the waterworks were in the hands of four persons under lease from the corporation. Complaints were here made of the deficiency of water, and that the poorer classes often stole the water from pipes belonging to other estates.

These instances of deficient quantities of water did not, however, always occur where the supply was under the management of private individuals. At Longton, a town in the pottery districts containing 2,000 houses, it appeared that nearly all of them had a separate and a constant supply. The city of Bath afforded an instance of a town generally well supplied with water without any legislative provisions for the purpose.\* The facility with which water was obtained at Bath, without any expense of pumping, and requiring only the outlay necessary for its distribution, appears to have induced the owners of the several properties to lay down pipes for the supply of their own houses. About 3,000 out of 8,000 houses in the city were supplied by the corporation in 1845; the remainder of the city was supplied by seven companies as they were termed, though they were, in fact, owners supplying their own tenants. The Corporation of Bath supplied gratuitously six public conduits in some of the poorer districts, but from these the water could be drawn during five hours only in the morning. The Commissioners considered that if the duty of obtaining a supply of water was vested in one body, a large quantity of water that was allowed to run to waste at Bath might be most beneficially applied to the use of the poor in the worst districts of this city.

The neighbouring city of Bristol, containing, with Clifton, 130,000 inhabitants, was not supplied with water under the provisions of any Act of Parliament, and the supply was probably more inadequate than in any town of equal size in England. It was estimated that not more than 5,000 persons, constituting the most wealthy families in Bristol and Clifton, were supplied with water by pipes laid into their houses. The remainder of the population were dependent on public and private wells, which were very numerous but frequently polluted.

The system most commonly adopted for supplying the poorer classes with water was by standpipes or public wells. A striking instance of the injurious operation of this system was found at Newcastle upon Tyne. The poor there obtained water either from public fountains supplied by the Water Company, and paid for by the Corporation, or from "sale-pants" or standpipes, at which the water was sold at the rate of a farthing a "skeel," a vessel containing five gallons. This charge was more than four times the rate charged for a private supply to a house, and was the same sum that the water companies in some other towns charged for 79 gallons delivered in the house, and always at command. The mischievous operation of this system, both upon the interests of the Company and the public, was indicated by the fact that at the first erection of a sale-pant, and until the customers were numerous, the superintendent was paid two-thirds of the gross receipts. The eagerness to obtain water was, however, so great that the payment was soon reduced to one-third; and notwithstanding the cost and the difficulty of obtaining the water, it was stated that a great improvement in the condition of the neighbourhood always followed the introduction of a sale-pant.

\* The Commissioners ignore the local Act referred to in paragraph 31.



The following quotation from a statement by Mr. Holme on the supply of Liverpool appended to the report illustrates some of the disadvantages which existed at that time in the supply of water by companies :—

“Liverpool is supplied with water by two public companies, each having an Act of Parliament which confers upon them a monopoly of supply. One is termed the Bootle Water Company; the other the Liverpool and Harrington Water Company. The former Company raise their supply from springs at Bootle, distant from the Exchange three miles; and the latter have wells in various parts of the town. The original shares of 100*l.* in the Bootle Company are now worth, in the market, 380*l.*, and those of the Liverpool and Harrington Company are worth 610*l.* The charge for supplying water for domestic use is one shilling in the pound on the rental and it is usually supplied every other day. It therefore follows that had the corporation or the parochial authorities originally supplied the water from the public funds, and no legislative enactment had given to these companies exclusive privileges, that we should have been supplied with water at one-sixth of the present price; or if we had paid the same price a large disposable revenue would have accrued to the public local exchequer, which would have diminished our taxation, or have enabled the authorities to have established public fountains and had public reservoirs for the use of the poor in every locality.

“The many calamitous fires which have occurred, and which since the commencement of the present century have destroyed buildings and other property exceeding two millions in value, have at length roused the attention of the whole community. It has frequently happened that at the commencement of a fire an hour or two has elapsed before any water could be obtained. There are stipulations in the Companies' Acts that they shall supply water in case of fire, but no penalty is attached, and as fires originate in the night it has so happened that we have seldom been supplied until a fire has widely spread and then not in sufficient quantities.

“Power was therefore obtained during the last Session to levy a rate upon the inhabitants, sink wells, and lay pipes in such of the streets as the Commissioners may deem fit; but from the opposition of the Water Companies, there is a restriction imposed, viz., that such water shall be used only for public purposes, viz., watering the streets and extinguishing fires; and consequently the inhabitants will have to pay for water which they are prohibited from using for domestic purposes, and we shall yet be subjected to the exorbitant charges made by the two Companies.

“In Liverpool the monopoly enjoyed by our two great water companies has been, I consider, prejudicial to the health of the community. Whatever is made a matter of sale pre-supposes two parties having opposite interests, viz., the seller and the buyer. It is the interest of the former to get the very highest price he can for his commodity; and if there be no other means of supply, and no competition, the buyer is necessarily at his mercy. An understanding between the two companies can of course prevent competition, and consequently the inhabitants of Liverpool have to pay a price for water which yields to the original proprietors of the first company or their successors 30 per cent on the original subscribed capital, and to the proprietors of the second company 19 per cent. This, considering that the shares are marketable, may be right enough and the proprietors are justified in getting as large a price as they can for their water; but it is a great local misfortune and is severely felt. We have not in Liverpool a single public fountain, very few troughs for watering cattle, and those only near the docks, no stand-pipes for cleansing the foot-walks or fronts of our dwellings, nor any reservoir for washing out the public sewers. Water is purchased for nearly all our public buildings, our charitable institutions, and our private dwellings; and its scarcity or price induces many of the poorer classes to obtain it surreptitiously and consequently irregularly, and thus obtaining it is not considered a crime. No individual possessing a steam engine, and a constant supply of water from his own well, can sell his surplus water to his neighbour, and the overflows have to be turned into the sewers. Water is as essential to the health and comfort of mankind as the air we breathe; and when mankind congregate in masses, counted only by tens of thousands, it is essential to the public health that it should be most abundant, not doled out to yield to others 30 per cent. interest, but supplied from the public rates and at the net cost. That cost ought only to be the price of raising and distribution; and in this town



pure water may be found in every direction and in superabundance at an average depth of 120 feet. If we had fountains, at once useful and ornamental in every direction, as in most cities of the continent, and baths in every locality so that water was free to all, the benefits would soon be perceived; and I am convinced that if the interest of the two water companies was purchased by rates levied for the purpose even at their high premium the town would soon be the gainer, for it is impossible that the public will much longer be satisfied with the price and comparative scarcity of water, and the power recently obtained to distribute water for extinguishing fires will be sought to be increased; and it will be impossible for Parliament to refuse such extension, unless a very great reduction in the present charges is speedily made."

35. *Recommendations of the Commissioners.*—As a result of their investigations the Commissioners were of opinion that the existing system of supplying and charging for water was most prejudicial to the interests of the poor, and they were satisfied that constant supplies of pure water could only be provided economically by independent and disinterested bodies. They therefore made the following recommendations:—

"That with the view of insuring a sufficient supply and proper distribution of water to all classes, it be made imperative on the local administrative body charged with the management of the sewerage and drainage to procure a supply of water in sufficient quantities, not only for the domestic wants of the inhabitants, but also for cleansing streets, scouring sewers and drains and for the extinction of fires, the said body to have power to contract with companies or other parties, or make other necessary arrangements.

"That where any independent body has the management of the supply of water it be liable to comply with the demand of the local administrative body on equitable terms; the local administrative body to be empowered to purchase the interest in waterworks, subject to the control of the Crown, whenever the proprietors are willing to dispose of them; and on the establishment of new companies it be made a condition that the local administrative body be enabled to purchase the works after the lapse of a certain number of years upon certain terms, and upon a rate of interest to be fixed; and that, with a view to economy, competition between water companies be discouraged as far as practicable."

36. *Towns Improvement Clauses Act, 1847.*—The reports of the Royal Commission were followed by the passing of the Towns Improvement Clauses Act, 1847, and legislation of a general character on the subject of water supply may be said to date from this year. The Act embodied sundry provisions usually included in local acts for paving, draining, cleansing, lighting and improving towns, but it only applied in those towns which obtained local Acts incorporating its provisions. Section 121 empowered the Commissioners for improving and regulating the towns or districts in which the Act applied to construct and maintain public cisterns, pumps, wells, conduits and other waterworks, and to supply water to the inhabitants, subject as regards new works to the approval, after local inquiry, of H.M. Commissioners of Woods, Forests, &c.

37. *Waterworks Clauses Act, 1847.*—The Waterworks Clauses Act, 1847, embodied provisions regulating the construction of waterworks and other matters incidental thereto usually inserted in local Acts relating to water undertakings, but, like the Towns Improvement Clauses Act, its application was limited to undertakings with local Acts incorporating its provisions.

38. *Public Health Act, 1848.*—The Public Health Act, 1848, authorised the constitution of local Boards of Health, and sections 75 to 80 empowered them to furnish proper and sufficient water supplies in their districts, with the proviso that where a Company had statutory powers in a district no waterworks could be undertaken without its consent. The application of the Act, however, was confined to such towns and places as, after inquiry, the General Board of Health considered advisable. Local boards were also enabled to maintain public cisterns, pumps, &c. for gratuitous use, and to require a supply to be provided for any house without a proper supply where such supply was available at a cost not exceeding 2d. per week. Under the Act, also, penalties were imposed for injuring waterworks, diverting streams, wasting water, polluting reservoirs, &c.

39. *General Board of Health Report, 1849.*—The general condition of town water supplies in 1849 may be appreciated from the first report of the General Board of Health on the measures adopted for the execution of the Public Health Act. The Board stated



that in consequence of the difficulties experienced in securing satisfactory sources of water the common practice had been to take as sources the nearest river, stream or collection of water, without much regard to its quality. In order to avoid inconvenience and loss occasioned by river waters of high degrees of hardness, in some northern towns surface flood waters from lands suitable for gathering grounds were collected in reservoirs and thence distributed. As no arrangements existed for excluding water derived from cultivated land, the Board of Health proposed to make provision for the purchase of the rights to water derived from land drainage or shallow springs, with powers to prevent pollution, and also for the purchase of new gathering grounds.

40. *Further Legislation.*—Minor amendments of the general law regarding water supply were made by means of incidental clauses in various Sanitary and other Acts. The Local Government Act, 1858, was made adoptive in towns and places in which the Act of 1848 had not been applied, and sections 51 to 53 extended the powers of local boards as to the provision of water supplies. The Nuisances Removal and Diseases Prevention Act, 1860, by section 7, vested all public wells, fountains and pumps in the Nuisance Authority of each place. The Local Government Act (1858) Amendment Act, 1861, by section 20, enabled the local boards of districts outside the statutory limits of water companies to secure supplies by agreement. The Waterworks Clauses Act, 1863, embodied further provisions not included in the Act of 1847, but generally inserted in local Acts relating to water undertakings.

41. *Select Committee, 1865, and Sanitary Act, 1866.*—In 1865 a Select Committee of the House of Commons reported on a Waterworks Bill which proposed Government supervision of all plans and works for provision of large reservoirs. The Committee considered that, in view of the great loss of life and destruction of property that had occurred through accidents to reservoirs, it was the duty of the legislature to protect the public, as far as circumstances permit, from the possibility of such mischief. They recommended that the Bill should not be proceeded with, but that a Government Bill should be introduced in the ensuing session, requiring plans of new reservoirs to be submitted to a central authority, who should appoint competent persons to inspect and report on those plans, to inspect works under construction and on completion, and to continue the inspection of large reservoirs from time to time. The Bill recommended was not, however, introduced.

The Sanitary Act, 1866, merely conferred the powers of local boards, with regard to water, on sewer authorities, and vested in those authorities all public wells, fountains and pumps previously owned by nuisance authorities.

42. *Royal Commission on Water Supply, 1866-9.*—The Report of the Royal Commission on Water Supply appointed in 1866, and re-appointed in 1867 (paragraph 15), contains only a few general remarks and recommendations as regards the water supply of provincial towns, being chiefly concerned with the supply of the metropolis. The Commission advised that the use of distant sources should only be authorised in special circumstances, that places near lengthy conduits should be supplied therefrom, and that the scope of provincial water bills should embrace extensive districts and not merely particular places.

43. *Royal Sanitary Commission, 1869-70.*—The Royal Sanitary Commission of 1869-70 stated that the question of water supply involved more serious difficulties than any other subject referred to them. They reviewed the existing law on the subject, and recorded that as early as 1388 measures were taken to prevent the pollution of water by the passing of an Act imposing a penalty of 20*l.* upon persons who cast animal filth and refuse into rivers and ditches. They noted, however, that after the Public Health Act, 1848, the authorities of many towns discharged sewage and drainage into rivers, regardless of pollution and the consequent loss of pure water to the inhabitants of the valleys through which such rivers afterwards passed. They recommended that extensive supervisory powers with regard to water supply should be given to the new Central Public Health Authority proposed by them (which was established as the Local Government Board in 1871); that the new statute which they advocated for the consolidation of the existing sanitary law (afterwards passed as the Public Health Act 1872, which was repealed and re-enacted by the Public Health Act 1875) should incorporate the main provisions of the Waterworks Clauses Acts, 1847 and 1863; that a new Waterworks Clauses Act should be passed comprising further provisions usually inserted in Water Acts; that powers should be given for the compulsory purchase of lands and water rights by Provisional Order; that further steps should be taken to



secure the safety of reservoirs; that a central authority should be empowered to take legal proceedings against any purveyors of water who wilfully or negligently distribute polluted water; that every reasonable facility should be afforded for analysis of water; that a constant service should be insisted on as far as possible; and that houses in country districts should not be permitted to be occupied without some supply of wholesome water, or access to such a supply.

44. *Rivers Pollution Commission, 1868-74.*—The second Royal Commission appointed to inquire into the pollution of rivers recommended in their first report (1870) that all rivers and streams in England should be placed under the superintendence of a central authority or board qualified to deal with questions connected with the pollution of water and with water supply, whose duty it should be to exercise surveillance over the quality and quantity of the water supply of towns, to guard domestic supplies from contamination, or to remove sources of contamination, to investigate all schemes for water supply and all proposals for public works connected with river conservancy, and to report on these matters to a Secretary of State. The Commission, however, reserved the results of their investigations of the domestic water supplies of Great Britain for their sixth and final report, which was issued in 1874. This report contained exhaustive information as to the classification, chemical composition, and wholesomeness of drinking water from various sources, and as to various important questions affecting water supply specially considered by the Commission, viz., the self-purification of polluted rivers, the propagation of epidemics by potable water, the superiority of soft over hard water, water softening processes, the purifying effects of filtration, the deterioration of water in pipes, and the advantages of constant over intermittent systems of supply. Besides describing the water supplies of the metropolis, the report contained detailed descriptions of the water supplies of many provincial cities, towns, and villages, which the Commission had visited or as to which they had received information.

The Commission recommended that in schemes for supplying towns from particular river basins supplies should, when practicable, be provided for neighbouring villages, that landowners should be permitted to charge their estates with the cost of village supplies, and that in order to obviate the necessity of utilising flood waters, ample storage reservoirs should be provided for supplies derived from rivers and streams receiving sewage effluents.

45. *Gas and Water Works Facilities Acts, 1870 and 1873.*—Meanwhile, in 1870, the Gas and Water Works Facilities Act was passed, and by it the Board of Trade were empowered to authorise, by means of Provisional Orders subject to confirmation by Parliament, any company or person to construct or maintain waterworks and to supply water in places not within the statutory limits of supply of any other undertaker. The consent of the local authority of the district was made necessary before a Provisional Order authorising the construction of waterworks could be obtained. If the works were not substantially commenced within one year from the date of the Order, or such shorter period as was fixed by the Order, or after being commenced were suspended without sufficient reason, or were not completed within three years from the date of the Order, or such shorter period as was fixed by the Order, the powers given by the Order were to lapse. The Gas and Water Works Facilities Act, 1870, Amendment Act, 1873, enabled the Board of Trade to revoke, amend, or extend any Provisional Orders issued by them.

The Sanitary Law Amendment Act, 1874 (section 50) enabled sanitary authorities to secure the closure of polluted wells.

46. *Public Health Act, 1875, &c.*—The Public Health Act, 1875, and the Rivers Pollution Prevention Act, 1876, embodied the recommendations of the Royal Sanitary Commission and the Rivers Pollution Commission. The former consolidated, with amendments, the general law relating to water supply by local authorities in those Acts which it repealed, and incorporated the Waterworks Clauses Act, 1863, and certain sections of the Act of 1847. The provisions of the Act relating to water supply are contained in sections 51 to 70, and are still in force. Local authorities are empowered to supply water to the whole or any part of their districts, but not within the statutory limits of supply of a water company, so long as the company are able and willing to supply. They may also supply the authorities of adjoining districts with the consent of the Local Government Board. The Board are also authorised to unite by means of Provisional Orders districts or contributory places for the purpose of procuring common supplies



of water, Local authorities are empowered to construct and maintain waterworks, to lease, or, subject to the consent of the Local Government Board, to purchase waterworks and water rights, and to contract with any person for a supply. Further, all existing sources and works used for gratuitous supplies are vested in local authorities. Section 299 of the Act provides that, where inquiry by the Local Government Board in consequence of complaint shows that a local authority has failed to carry out its duties regarding water supply, that danger to the health of the inhabitants arises from the insufficiency or unwholesomeness of the supply, and that a proper supply can be got at reasonable cost, the Board may enforce the fulfilment of those obligations.

The Rivers Pollution Prevention Act, 1876, makes provision for securing the purity of rivers and streams.

The Limited Owners Reservoirs and Water Supply Further Facilities Act, 1877, enables landowners with limited interests to charge their estates with the cost of constructing waterworks, and to supply water to local authorities by agreement.

The Public Health (Water) Act, 1878, requires rural authorities to provide or enforce the provision of satisfactory supplies of water for all occupied dwelling-houses within their districts, and to ascertain periodically the condition of water supplies in any parish or part of a parish. It also requires that no new house in a rural district shall be occupied unless it has within a reasonable distance an available supply of wholesome water sufficient for the needs of the household. The Local Government Board are empowered to invest urban authorities with any or all of the powers and duties of rural authorities under the Act.

The Select Committee which considered this Bill reported that many points of great importance which were not dealt with by the Bill had been brought to their notice, and while they did not feel justified in dealing with them in the Bill, they recommended:—

That the Local Government Board should be authorised to issue Provisional Orders which, when confirmed by Parliament, would empower local authorities to purchase water rights compulsorily.

That where local authorities provided a water supply, rates should be charged on the consumers at a maximum of 2s. and a minimum of 6d. in the £ on the rateable value of the house.

That a local authority should be empowered to guarantee 10 per cent. for three years of the cost of the mains and pipes to be laid down by a water company, or 7 per cent. until the water rates and rents are sufficient to pay the company a proper return.

That section 52 of the Public Health Act, 1875, should be made more explicit (*see* paragraph 68).

That where a company or corporation go to a rural district for water, Parliament should, before giving the powers sought, be informed of the wants of the district from which the water is taken, or through which the mains pass, in order to make provision for those districts.

47. *Return of 1879.*—In 1879 a Parliamentary return was issued showing the means by which drinking water was supplied in the 944 urban sanitary districts then existing in England and Wales. Information was given respecting the sources, works (filtration, reservoirs, &c.), quantities of water supplied and used daily, constancy and sufficiency of supplies, and the Act or other authority under which the works were executed, but this information was very incomplete in districts where supplies were furnished by water companies. From the return it appears that at that time piped services were furnished by local authorities in some 413 urban districts, and by companies or private undertakers in 290 districts, while there was no piped supply in 241 districts. In many cases only small parts of the district were supplied by piped services, but in several of these districts works were in progress for the provision of improved supplies.

48. *Manchester and Liverpool Acts, 1879–80.*—The claim of local authorities to a supply of water from a conduit running through or near their district to supply another district was recognised by Parliament in 1879. The Manchester Corporation Water Act of this year contained a clause, which was introduced by the Parliamentary Committee on the Bill, enabling authorities of districts near the aqueduct from Lake Thirlmere to Manchester (a distance of 96 miles) to obtain supplies therefrom under certain conditions. A clause in the Liverpool Corporation Waterworks Act,



1880, secured similar supplies for certain districts on the aqueduct from Lake Vyrnwy to Liverpool.

49. *Returns of 1882, 1883 and 1888.*—A Parliamentary return issued in 1882 showed, as regards the municipal water undertakings of Birmingham, Bradford, Leeds, Liverpool and Manchester, the area, population, and rateable value of the district supplied, the average daily supply, and the average daily quantities of water supplied (a) per head for domestic purposes, and (b) for other purposes, the estimated daily waste of water, and certain financial particulars. A return issued in 1883 contained further information respecting the financial particulars given in the return of 1882.

A return issued in 1888 contained similar information to the return of 1882 respecting the water supplies of 16 large towns in England and Wales.

50. *Legislation of 1883 to 1897.*—The Public Health Act, 1875 (Support of Sewers) Amendment Act, 1883, enables local authorities to safeguard their waterworks from injury by mining operations. The Water Companies (Regulation of Powers) Act, 1887, restricts the powers of water companies as to cutting off domestic water supplies. The Local Government Act, 1894, which established parish councils, empowers them to utilise any well, spring, or stream within their parish, and to provide facilities for obtaining water therefrom, but without interfering with the rights of any corporation or person or the obligations of district councils respecting supply of water. Section 16 of the Act provides that in cases of default by district councils respecting water supply, parish councils may complain to county councils, whose powers are similar to those of the Local Government Board under section 299 of the Public Health Act, 1875. The District Councils' Water Supply Facilities Act, 1897, enables landowners to charge on their lands contributions to district councils for works of water supply.

51. *Sewage Disposal Commission, 1898.*—A Royal Commission appointed in 1898 to inquire into the treatment and disposal of sewage in their reports of 1901, 1903, and 1908 recommended the formation of Rivers Boards controlled by a central administrative authority. In the opinion of the Commission the constitution of these authorities was essential for the protection of rivers from pollution and for the safeguarding of water supplies, and their duties should include the collection of information as to the water available and the need of water in various parts of the country. The recommendations of the Commission are referred to at greater length in paragraph 112.

52. *Return of 1899.*—The Municipal Corporation (Reproductive Undertakings) Return of 1899 applied to the 265 municipal boroughs existing at that time, of which 173 had waterworks undertakings. The return gave the capital of these undertakings, the average annual income and expenditure, the average net profit and the capital charges. The total capital of the 173 water undertakings was 48,000,000*l.*, all but 2,000,000*l.* of which was borrowed. About 6,000,000*l.* had been paid off or paid to sinking funds, leaving about 40,000,000*l.* of loans outstanding in 1899. The average annual income of the undertakings is given as 2,644,937*l.*, the average expenditure as 902,612*l.*, and the average annual net profit as 1,744,361*l.* The capital charges (principal and interest) amounted to 1,699,322*l.*, and 15,211*l.* was set apart for depreciation.

53. *Salmon Fisheries Commission, 1902.*—The Royal Commission on Salmon Fisheries in 1902 concurred in the recommendation of the Sewage Disposal Commission for the constitution of a supreme Rivers Authority as a means of securing the purification of rivers. They were also of opinion that in order to maintain the volume of water in rivers further powers were required for regulating the use of sluices and preventing the depletion of streams.

54. *Return of 1909.*—The Return as to Municipal Trading in the United Kingdom, issued in 1909, included a brief description of the municipal waterworks undertakings of 25 large towns in England and Wales.

55. *The Royal Commission on Canals and Waterways*, appointed in 1906, made a report in 1910 on the water supplies of canal routes, in which they discussed the existing supplies, the new supplies, and compensation water that would be necessary if the improvements they recommended in inland waterways were carried out.



56. *Select Committee on Water Supplies Protection Bill, 1910.*—This Bill proposed to restrict the powers of authorised water undertakers (1) by prohibiting the acquisition of fresh supplies without specific Parliamentary authority; (2) by rendering the undertakers liable to give compensation for injury to private supplies caused by their works; and (3) where water was taken from one district to supply another, by conferring on the local authorities of the districts from and through which the supply is taken the right to demand a supply from the works of the undertakers on terms to be agreed or fixed by the Local Government Board.

A Joint Select Committee of both Houses of Parliament appointed to consider the Bill reported that it was inadvisable to restrict the abstraction of underground water by general legislation, as Parliamentary control could be more effectually secured by means of particular clauses in special Acts.

The Committee were satisfied that the pumping operations of water authorities caused serious damage to private property, but as industrial and commercial enterprise undoubtedly did the same, they felt unable to make any recommendation on the subject of compensation without further investigation.

On the question of distribution of water in transit, the Committee refrained from making a recommendation that a supply should be afforded to districts through which the mains passed, though they thought that local authorities of districts naturally having recourse to the source proposed to be appropriated should be entitled to a supply therefrom.

The Committee drew attention to the inadequate powers of local authorities for the compulsory acquisition of water rights, which could only be obtained, otherwise than by agreement, by urban authorities through special Acts of Parliament. They endorsed the recommendation of the Select Committee on the Public Health Act (1875) Amendment Bill, 1878, that the Local Government Board should be empowered to issue Provisional Orders enabling local authorities compulsorily to acquire water rights.

In view of the lack of reliable information as to water supply, especially from underground sources, and the manner in which local supplies were utilised, the Committee stated that there was urgent need for a comprehensive survey of the water supply of the country, and for the adoption of measures to conserve and dispose of water to the best advantage. They endorsed the recommendations of the Water Supply Commission, 1869, as to appropriation of sources, the Metropolitan Water Supply Commissions, 1893 and 1899, as to the keeping of suitable records by water undertakers, and of the Sewage Disposal Commission as to the formation of rivers or watershed boards controlled by a central administrative authority. As the result of the Committee's report no further action was taken on the Bill, but later in the same year the present return was ordered by Parliament. The Committee's report is further referred to in paragraph 112.

57. *Public Health (Acquisition of Water) Bills.*—In 1911 the Government introduced a Bill to enable the Local Government Board by Provisional Order to give compulsory powers to local authorities for the purpose of the acquisition of water rights. The Bill did not proceed. It was re-introduced with some alterations in 1912, but it again failed to make progress.



## THE PRESENT RETURN.

58. *Explanatory Notes.*—The abbreviations used in the return are as follows :—

C.B.	= County Borough.
B.	= Borough (other than a County Borough).
P.C.	= Parish Council.
R.D.	= Rural District.
R.D.C.	= Rural District Council.
T.C.	= Town Council.
U.D.	= Urban District.
U.D.C.	= Urban District Council.

*Titles of Orders.*—The Provisional Orders issued by the Board of Trade under the Gas and Water Works Facilities Acts, and by the Local Government Board under the Public Health Act, 1875, are, for the sake of brevity, described under the heading "Powers" as e.g., "Aldeburgh Order, 1871," &c., without reference to the Confirmation Acts in which they are included.

*Date of Return.*—For the purpose of this Return the Board sent out over 3,000 schedules. Most of these were received filled up during 1911, but some were not returned completed until the end of 1913. In order to bring the information up to date the Board at the end of 1913 sent proofs of the Return to all local authorities and water undertakers, and the information now given is for the most part corrected to January 1914. Particulars of some undertakings received too late for insertion in their proper place are given as addenda to the Return, while other late information appears as footnotes.

*Reliability of Return.*—The information given in the schedules has been checked as far as possible, the annual reports of medical officers of health for 1913 and other papers in the Board's possession being consulted. The powers and limits have been verified by reference to local Acts and Orders. The area, population, and number of inhabited houses in each urban district mentioned in Part II. are taken from the Reports of the Census of 1911; the number of houses in each parish of a rural district, which is not given in the Census Reports, has been compared with the number of families given in those Reports. Particulars which cannot be checked are the quantity of water derived from each source and the additional amounts obtainable, the sufficiency of the pressure and the constancy of the supply, and the quantity and quality of the water supplied. In some instances information contained in the annual reports, and complaints which have been made to the Board indicate that the evidence of the schedules on the question of the purity and sufficiency of a supply is not always reliable.

*Wales and Monmouthshire.*—In Part I. of the Return it has been found impracticable to classify separately the undertakings in Wales and Monmouthshire. Some undertakers in England derive water from sources in Wales, and some supply water both in England and Wales. In Part II. the districts are arranged in counties, alphabetically, but the Welsh counties, including Monmouthshire, are placed together, after the English counties.

### Undertakings.

59. *Undertakings.*—In accordance with the terms of the Order of the House of Commons, the present Return has been divided into two parts. Part I. gives particulars of every water undertaking in England and Wales, and Part II. shows how each district and parish is supplied with water.

The undertakings in Part I. are arranged in five different sections, as follows :—

Section	I.—Undertakings of separate local authorities.
"	II. " " joint boards and joint committees of local authorities.
"	III. " " companies with statutory powers.
"	IV. " " companies without statutory powers.
"	V. " " private proprietors.

The undertakers in Sections I. to IV. have been arranged alphabetically; those in Section V. alphabetically under the name of the county in which they supply water. The counties are arranged alphabetically, and the Welsh counties, including Monmouthshire, are placed together after the English counties.

60. *Definition of "Undertaking" for the purpose of the Return.*—The provision of works necessary to supply from any natural source water for domestic purposes to not less than 10 houses or to standpipes has been considered an under-



taking, whether the supply be given under specific statutory powers or not, and whether furnished gratuitously or for profit. Supplies which are regulated by special Acts, but in which the water distributed is obtained from other undertakings, have also been included.

Particulars are given of the undertakings of 786 separate local authorities, the Metropolitan Water Board and 34 other joint authorities, 200 companies with statutory powers, 84 private companies, and 1,055 private proprietors.

61. *Local Authorities' Undertakings.*—Of the 786 local authorities with separate undertakings, 51 are county borough councils, 151 councils of non-county boroughs, 298 urban district councils, and 286 rural district councils. Two authorities, the town councils of Burton-on-Trent and Norwich, which do not supply water within their own areas but supply a few houses outside their districts in connection with their sewage disposal works, are not included in these figures. In some cases the undertaking of the local authority supplies only a part of their district; in the case of most of the rural districts a supply is furnished in one or two parishes only. Some rural district councils supply different parts of their districts from different sources, but these have not been counted as separate undertakings.

Some of the largest water undertakings in the country are owned by local authorities. The importance of the undertaking of Manchester Town Council can be appreciated from the fact that the average daily quantity of water supplied is 44 million gallons, of which nearly 18 million gallons are obtained from Lake Thirlmere, 96 miles distant. Liverpool and Birmingham also obtain water from very distant sources, and supply respectively 34,462,000 gallons and 21,705,000 gallons a day. Leeds, Bradford, Sheffield, and Kingston-upon-Hull each supply more than 12 million gallons per day; 11 other local authorities supply between 5 and 12 million gallons, 65 others between 1 and 5 million gallons, and 47 between  $\frac{1}{2}$  and 1 million gallons a day, making a total of 130 local authorities supplying over half a million gallons a day.

Five hundred and forty-seven of the local authorities which possess separate water undertakings supply under the authority of the Public Health Act, while the remaining 239 have special Acts. Of the latter, 145 have districts or parts of districts other than their own within their statutory limits of supply. The following table shows the number of authorities of each class with special Acts and the number which supply water in other districts, both within and without their statutory limits, either direct to the consumers or in bulk to other authorities:—

Councils of	Number of Authorities with special Acts.	Number of these Authorities supplying			
		Direct to Consumers in other Districts.		In bulk to other Authorities.	
		Within Limits.	Without Limits.	Within Limits.	Without Limits.
County Boroughs - - -	51	43	23	18	28
Non-county Boroughs - - -	72	42	19	12	15
Urban Districts - - -	111	49	23	14	24
Rural Districts - - -	5	—	—	—	1

The majority of local authorities maintaining waterworks under the Public Health Act confine their operations to their own districts, but the Board have sanctioned the supply of water to adjoining districts by 106 local authorities under section 61 of the Public Health Act, 1875 (*see* paragraph 85).

62. *Joint Authorities.*—The joint authorities are generally composed of representatives of local authorities combined for the purpose of supplying water to the districts of the authorities represented, but county councils and other public bodies are also represented on the Metropolitan Water Board and the Derwent Valley Water Board. The local authorities represented on joint boards and joint committees for supplying water are the councils of the 29 metropolitan boroughs, 10 county boroughs, 23 other boroughs, 78 urban districts, and 25 rural districts. Apart from the Metropolitan Water Board, which is referred to in paragraph 30, the largest joint undertakings are the Tees Valley Water Board, which distributes 15 million gallons daily, and the Derwent Valley Water Board, which supplies just over 10 million gallons daily in bulk to its constituent authorities for distribution by them.



Besides the three boards mentioned there are 14 other joint authorities each of which supplies over half a million gallons daily.

Generally speaking, the most important of the joint authorities have been constituted under special Acts of Parliament or Provisional Orders under section 279 of the Public Health Act, 1875; in the other cases they have been formed by agreement under the Public Health Act, 1875, or the Local Government Act, 1894.

63. *Companies with Statutory Powers.*—The 200 companies with statutory powers comprise 152 which possess special Acts and 48 whose powers are derived from Provisional Orders issued by the Board of Trade under the Gas and Water Works Facilities Acts. The last-mentioned companies are generally of minor importance. The South Staffordshire Waterworks Company, supplying 16,690,793 gallons per day, has the fifth largest undertaking in England and Wales. The next largest companies and their daily supplies are Bristol Waterworks Company, 10,278,000 gallons; Newcastle and Gateshead Water Company, 8,962,000 gallons; Sunderland and South Shields Water Company, 8,520,000 gallons; the Borough of Portsmouth Waterworks Company, 8,261,000 gallons; and Staffordshire Potteries Waterworks Company, 7,625,000 gallons. Altogether there are 66 companies each of which supplies over half a million gallons of water daily.

Three companies merely distribute water purchased in bulk from other undertakers, while two others did not at the date of the return furnish any supplies.

64. *Companies without Statutory Powers.*—These 84 companies are all of minor importance. The largest supplies known to be distributed by any of them are furnished by the Hetton le Hole and Easington Lane Water Company and by the Whitstable Water Company, which each supply 170,000 gallons per day; the Combe Down Bath and General Waterworks Company comes next with 118,000 gallons per day. In many cases the quantity of water supplied is not known. Nine of the companies merely distribute water obtained in bulk from other undertakings. No less than 24 of the private companies are in the West Riding of Yorkshire, 13 being within the rural district of Skipton.

65. *Private Proprietors.*—The 1,055 undertakings of private proprietors are generally very small and, as a rule, afford supplies only to the property of the proprietors. Particulars of the waterworks of parish councils, voluntary committees, and other undertakings of a private nature are also included in this section. Only 11 private undertakings possess powers under special Acts or Orders; the most important being that of the Marquess of Exeter, which supplies 171,000 gallons per day, chiefly in the borough of Stamford.

66. *Progress of the Provision of Piped Supplies.*—A comparison of the report of the Commissioners of 1844-5 with the return of 1879 and the present return shows that remarkable progress has been made in the last 70 years in the distribution of water by piped services. The Commissioners of 1844 reported that only 26 of the 50 large towns specially investigated were supplied with water under the provisions of any Act of Parliament and that the supply to these towns was very defective, and in many only extended to a part of the town. In the other towns there was sometimes a piped supply from ancient springs belonging to the corporation or a private individual, but the supplies were generally inadequate to the demands of the population. It was not until cast-iron pipes were introduced and lead pipes became cheaper that the provision of constant supplies at high pressure became possible. With this and with the growth and urbanisation of the population, the demand for a supply of water piped into the houses in the more densely populated districts became insistent, and could be profitably met. At first piped supplies were usually provided by private enterprise, and though in a few places the municipal body undertook a partial supply, the Report of the Commission of 1845 shows that in the few large towns in which there was then a water undertaking it was as a rule in the hands of a company, and sometimes of competing companies. The general legislation of 1848 to 1875 facilitated the provision of water supplies by dispensing with the necessity of a special Act in every case, and the impetus given to local government by the Acts of 1872 and 1875 stimulated the new local authorities to take the water supply of their districts into their own hands. According to the local taxation returns for 1871, the first year of their institution, 250 of the 783 urban authorities then in existence expended money on works of water supply. The Return of 1879, referred to in paragraph 47, shows that in that year 413 out of 944 urban authorities furnished supplies, and that there



were piped supplies of some kind in 703 of the districts. In 1899, 173 of the 265 municipal corporations possessed waterworks.

The present Return shows that of the 1,130 boroughs and other urban districts outside London included in the Return there were only 29 without a piped supply to a part at least of the district, and these were very small places. 500 urban district councils controlled the water supply of their districts or of a part of their districts as a separate undertaking, and 111 as constituents of a joint board or committee. Many of the urban district councils with separate undertakings furnished a supply in other urban districts, and altogether 822 of the 1,101 urban districts with piped services were supplied municipally. In 309 urban districts or parts of urban districts water was supplied by companies and in 85 by private proprietors. Several urban districts obtain supplies from more than one undertaking.

The provision of piped supplies in rural districts has naturally not kept pace with the supply to towns, but in 1914 out of the 12,869 parishes in rural districts 4,874 had a piped supply to some at least of their houses.

Of the 97 towns with a population over 50,000 at the census of 1911 the following 26 were in 1914 supplied wholly or in part with water by a company:—Birkenhead, Bournemouth, Bristol, Burton-upon-Trent, Cambridge, Chester, Dudley, Eastbourne, Gateshead, Gillingham, Great Grimsby, Great Yarmouth, Ilford, Luton, Newcastle-on-Tyne, Norwich, Portsmouth, Southampton, Southend-on-Sea, South Shields, Stoke-on-Trent, Sunderland, Walsall, West Bromwich, West Hartlepool, York.

It is not possible to say what portion of the country is supplied municipally and what portion by companies, chiefly because some districts are supplied by more than one undertaker. Birkenhead, for instance, is supplied partly by the town council and partly by the Wirral Company. And in some cases local authorities distribute supplies obtained in bulk from companies and *vice versa*. The North Cheshire Company supply Altrincham and other districts with water obtained from Manchester Corporation, while Crewe Town Council distribute a supply provided by the London and North-Western Railway Company. From the particulars given in this paragraph, it seems likely that about two-thirds of the total population of the country is now supplied with water by municipal bodies, and that only a few million of the inhabitants of England and Wales depend on unpiped supplies.

67. *Supersession of Water Companies by Local Authorities.*—Not only has the provision of a piped supply of water been undertaken by the local authority in many districts which depended on private supplies, but water companies providing a piped service have in a large number of cases been superseded by local authorities.

Section 63 of the Public Health Act, 1875, enables a water company to sell or transfer its undertaking to a local authority by agreement. Apart from this provision, which has not been extensively used, about 100 special Acts have been passed since 1876 giving power to local authorities in England and Wales to purchase the undertakings of water companies supplying their districts, and in a great majority of cases these powers have been exercised. On the other hand, in a very few instances small water undertakings of local authorities have been transferred under Parliamentary sanction to water companies.

The practice of Parliament in giving powers for the compulsory purchase by local authorities of water undertakings belonging to companies has varied with the circumstances of the case. Where companies have come to Parliament for powers or for further powers the local authorities concerned have frequently opposed the Bill in Parliament in order to obtain a clause authorising them to purchase the undertaking and requiring the company to sell on certain terms. In other cases local authorities that have desired to purchase the undertaking of a statutory company have themselves introduced a Bill for this purpose, often simultaneously with a Bill introduced by the company to obtain further powers. The principles on which Parliament has generally acted in giving these powers are illustrated by the decision of the House of Lords Committee on the Bill promoted in 1887 by the Sheffield Town Council. The chairman stated:—

“The Committee have come to a decision that it is expedient that the works of the Sheffield Water Company and the control of the water supply should be transferred to the corporation. They have come to this conclusion on the grounds of public policy. But they do not consider that there has been any proof of mismanagement or failure of duty on the part of the company; and consequently they think the terms of purchase should be not only fair but liberal.”



On the motion for the third reading of the Bill an amendment was moved that the Bill be read a third time that day six months, on the ground that the company had not failed in their duty, and that if such transfers ought to be authorised as matters of public policy the Government should undertake public general legislation on the subject, but after a discussion the amendment was withdrawn.

Parliament, however, has not always acted on this principle. Eastbourne and Southampton in 1897, Hartlepool and Norwich in 1898, Hartlepool again in 1901, and Cambridge in 1911, are amongst the larger local authorities which have made unsuccessful attempts to obtain from Parliament powers to supersede water companies. In 1909 the Glamorgan County Council promoted a Bill with the object of forming a large water board to acquire the undertakings of certain water companies and local authorities. The preamble was declared proved by the House of Commons Committee, but the Bill was rejected by the Committee of the House of Lords.

Where a local authority whose limits of supply include the district of another local authority comes to Parliament for further powers Parliament has in a number of cases inserted a provision in the Bill to empower the local authority of the outside district to purchase the portion of the undertaking which is within their district.

68. *Limitation of the Power of Local Authorities to Supply their District with Water.*—The effect of the restriction in section 52 of the Public Health Act, 1875, on the powers of a local authority to supply its district with water is to give a monopoly to a company or local authority with special powers (which for this purpose is deemed to be a company) in whose limits the district is included by the special Act. The undertakers usually profess themselves able and willing to furnish a supply on terms, and the only terms on which they are under an obligation to supply are those of section 35 of the Waterworks Clauses Act, 1847, which is as a rule incorporated with the special Act. This section provides in effect that the undertakers shall supply any part of their limits if 10 per cent. of the expense of laying down the necessary pipes is guaranteed to them for three successive years at least. In some places within the limits, but at a considerable distance from the works and mains of the undertakers, these terms have been found prohibitive, and although it has been ascertained that a supply could be obtained at much less cost from another source, the undertakers have insisted on their right to supply on the basis of the 10 per cent. guarantee, and have refused to allow the more economical scheme to proceed. The Select Committee on the Public Health Act (1875) Amendment Bill, 1878, drew attention to the defects of this section, and recommended that where a district within the limits of a company was unsupplied, the local authority should be empowered to require them either to allow the local authority to supply, to supply the district themselves, or to supply water in bulk to the local authority for distribution. This recommendation, which has not been adopted, does not meet the difficulty of the terms on which the company are able and willing to supply. A clause, known as a "re-entry" clause, inserted in some local Acts enacts that if the undertakers are not furnishing or prepared on demand to furnish a sufficient supply of water throughout the district of any local authority within the limits of supply within a specified number of years, the local authority may provide such supply in accordance with the Public Health Act, 1875. This clause, however, has not been found useful in practice, since the undertakers will generally profess themselves prepared on demand to furnish a sufficient supply on the terms authorised by the Waterworks Clauses Act. Some further observations on this matter are made in paragraph 83.

#### *Powers.*

69. *Common Law.*—In England and Wales under the common law every landowner has the right to use water flowing in known or defined channels, *i.e.*, the water naturally flowing through, past, or under his land, both for his domestic use and for his cattle, without regard to the effect of such use upon the landowners lower down the stream. Further, he has the right to use the water for any purpose, provided there is no interference with the rights of other landowners either above or below. He cannot, however, lawfully abstract from any stream water for sale or for the supply of the inhabitants of any neighbouring area. As regards underground water not flowing in defined channels, every landowner has the exclusive right to all water obtainable from his land.

The case of *Chesmore v. Richards*, decided in 1859, confirmed by subsequent cases, of which the best known is *Bradford Corporation v. Pickles* (1895), establishes



the doctrine that water percolating under the surface of the ground belongs to the man who can catch it first, and that there is no remedy in law against the owner of a well which intercepts water which formerly flowed into a stream or another well.

From early times many villages and small towns were provided with water by local landowners, and later also by private associations and by companies without statutory powers. The proprietors of these undertakings could only afford piped supplies to consumers by agreement and with the consent of the road authorities and inhabitants.

**70. Charters, Warrants, and Special Acts.**—Powers to construct waterworks were granted in early times by means of charters, and it was under such authority that some municipalities had established waterworks before 1800. Some of the early undertakings also derived some of their powers from Royal Warrants. But the chief authority for water undertakings before the middle of the 19th century was a private Act of Parliament. The first Act of this kind, as stated in paragraph 31, was that passed in 1541, which gave power to the Mayor and Dean of Gloucester to supply water. Many of the supplies furnished in early times in the metropolis were given on the authority of local Acts, and in several provincial towns the municipal authorities, or more commonly a company, obtained Parliamentary powers to supply water before the middle of the 19th century.

In spite of the general legislation of 1848 to 1878, the practice of obtaining special Acts with regard to water supply has continued, and, as may be seen from the entries under "Powers" in Part I. of the Return, the number of special Acts in force is very large. Two hundred and thirty-nine local authorities and 152 statutory companies now possess local Acts relating to water undertakings. In a few cases one local Act only regulates an undertaking, but in the great majority of cases in which recourse is had to local legislation more than one Act is in force, and in the case of local authorities provisional orders amending local Acts have often been obtained. In some instances 10 or more local Acts and orders apply to the same undertaking. The eight metropolitan water companies which were absorbed by the Metropolitan Water Board in 1902 had 80 unrepealed local Acts in force, and these still apply in part to the undertaking of the Water Board (*see* page 163 of Return).

**71. Provisional Orders altering or amending Local Authorities' Acts** may be made by the Local Government Board under section 303 of the Public Health Act, 1875. The Board have made many provisional orders under this section empowering local authorities to construct or extend waterworks (where the powers sought do not involve the giving of compulsory powers of acquiring lands or water rights), conferring additional borrowing powers on local authorities for the purposes of their water undertakings, and making other provisions in regard to the supply of water by local authorities too numerous to mention in detail. Public notice has to be given of any proposed order, and a local inquiry is held, at which persons interested have a right to attend and make objections, and the Board, before making the order, must consider any objections which have been made. The order, before becoming law, has to be confirmed by Parliament.

**72. General Acts of Parliament.**—The first general legislation on the subject of water supply was contained in the Towns Improvement Clauses Act, 1847, and the Waterworks Clauses Act, 1847 (paragraphs 36 and 37 above). The Public Health Act, 1848 (paragraph 38 above) was the first general Act which enabled local authorities, under certain conditions, to provide their districts with water, but this, and the later Acts which extended its powers, only applied to districts in which they were put in force by the machinery provided by the Acts. The Public Health Act, 1872, divided the whole of England and Wales into sanitary districts, and by the Public Health Act, 1875, which repealed the Act of 1872, the general powers already conferred upon certain local authorities by the earlier Acts were consolidated and extended to every sanitary authority.

This Act and the Public Health (Water) Act, 1878, are the chief general statutes which now regulate the supply of water by local authorities in England and Wales outside the metropolis. The Act of 1878 applies only to rural district councils, but urban authorities may be invested with all or any of its powers by the Local Government Board.

As regards companies, the Gas and Water Works Facilities Acts, 1870 and 1873, provide machinery whereby powers for supplying water may be conferred by provisional order of the Board of Trade, which has to be confirmed by Parliament. The Acts themselves do not confer any powers to supply water.



The main provisions of these Acts are set out in paragraphs 45 and 46 of this memorandum.

73. *Insufficiency of the General Law.*—In consequence of limitations upon the powers which may be obtained by undertakers by means of provisional orders under the Gas and Water Works Facilities Acts and section 303 of the Public Health Act, 1875, and as the general powers given by the Public Health Act are insufficient in some cases to enable local authorities to undertake the schemes necessary for supplying their districts with water and to carry on their undertakings in accordance with their requirements, it is frequently necessary for both companies and local authorities to have recourse to local Acts.

The cost of obtaining a local Act is often considerable, even where the Bill is not seriously opposed, and much in excess of the cost of proceeding under the general law. The cost of a provisional order under the Public Health Act, or of proceedings under the provisions of that Act relating to water supply, is usually trifling, being limited in most cases to the expenses attendant upon the local inquiry which is held by the Local Government Board into the application for the provisional order or for the loan for the carrying out of the works of water supply, as the case may be. Of course, if a provisional order had to be supported against opposition in Parliament the cost might approach much more nearly to that of a local Act.

The fact that all the county boroughs with water undertakings (51) have obtained local Acts affords evidence that the powers of the Public Health Act in this matter have not sufficed, at any rate for the larger schemes.

74. *Acquisition of Water Rights.*—One of the chief reasons why recourse is had both by companies and local authorities to special legislation on the subject of water supply is the difficulty which is experienced in acquiring water rights, *i.e.*, the right to take water from any river or stream or from any watercourse flowing in a known or defined channel. For a short time it was thought that water rights could be taken compulsorily by means of provisional orders made under section 176 of the Public Health Act, 1875, and several orders were made accordingly, but in 1877 a Select Committee of the House of Lords decided that such a provisional order was *ultra vires*, and the Law Officers of the Crown advised that, in view of the protective provisions contained in the Act, and particularly sections 327 and 332, this view was correct. The Select Committee on the Public Health Act (1875) Amendment Bill of 1878 stated that this decision would produce serious inconvenience to sanitary authorities and would necessitate agreements with every riparian owner, lessee, and occupier below a proposed intake. The Committee therefore recommended that the Local Government Board should be empowered to issue provisional orders enabling local authorities to purchase water rights compulsorily, and though this recommendation was repeated by the Select Committee on the Water Supplies Protection Bill, 1910, and though legislation has been introduced on several occasions to carry it out, nothing has so far been effected. At present, under the general law, water rights can only be obtained by agreement with the riparian owners, and in many cases these owners have proved obstructive. In one case one riparian owner out of 25 successfully prevented a rural district council from providing a much needed supply. As rural district councils have no express statutory power to expend money out of the rates on the promotion of Bills in Parliament (though five have, in exceptional circumstances, obtained local Acts with regard to water supply), schemes of water supply in rural districts have been abandoned owing to the impossibility of obtaining water rights. It may be observed that the Public Health (Ireland) Act, 1878, empowers the Irish Local Government Board to make provisional orders for the compulsory acquisition of water rights.

75. *Borrowing Powers.*—With regard to local authorities, a further reason for recourse to local legislation may be found in the restriction placed by the latter Act on the borrowing powers of the local authority. Most local Acts contain a provision that loans borrowed under the local Act are not to be taken into account in determining the borrowing power of the local authority under the Public Health Acts, and the borrowing power of the local authority is therefore increased by the full amounts authorised to be borrowed by its local Acts.

#### *Limits of Supply.*

76. The Public Health Act, 1875, empowers each local authority to supply water within its own district, except where an undertaker already possesses statutory powers to supply. A local authority supplying its own district under this Act may,



with the sanction of the Local Government Board, supply the authority of any adjoining district.

Undertakers having powers under special Acts or orders invariably possess areas or limits defined by the Act or order within which they are authorised to supply water. In the earlier Acts the limits are very variously defined, and usually the exact boundaries can only be ascertained by reference to deposited maps. The vague descriptions of the original limits, combined with subsequent changes of administrative areas, make it often difficult to ascertain exactly the present limits of supply. In later Acts the limits are usually defined by reference to civil parishes, and are made to include the whole of each parish. In the present Return the limits have been described in terms of boroughs, urban districts, and parishes in rural districts. Where part of a district or parish is mentioned it is to be understood that the whole area is not within the limits.

The following table shows the total number of districts and parishes in England and Wales and the number wholly or partly within the limits prescribed in special Acts:—

	Number of Districts and Parishes.	
	Total.	Within Limits prescribed in Special Acts.
Boroughs and urban districts - - - - -	1,130	793
Parishes in rural districts - - - - -	12,869	2,879

77. *Limits of Local Authorities' Undertakings.*—Of the 239 local authorities with special Acts or orders, 145 have districts other than their own within their statutory limits of supply. The majority of these are rural parishes, but the authorities of 51 urban districts have 165 other urban districts either wholly or partly within their limits, including the town councils of Bradford with 18, Huddersfield 16, Manchester 10, Barnsley 9, Halifax, Liverpool, and Wolverhampton 8, Stockport 7, Bolton 6, and Nottingham and Rochdale 5.

78. *Limits of Joint Authorities.*—All the joint authorities with statutory powers are authorised to furnish supplies in urban areas, and the limits of 20 joint authorities comprise either the whole or parts of 128 urban districts. In addition, the limits of the Abertillery and District Water Board, when its works are completed, will include four urban districts at present within the areas of other undertakings. No definite limits are prescribed for the Derwent Valley Water Board, which is empowered to furnish water in bulk to the town councils of Derby, Leicester, Nottingham, and Sheffield, and to various authorities in the counties of Derby and Nottingham. The limits of the Metropolitan Water Board include 55 urban districts, of the Bury and District and the Fylde Boards 9, of the Ashton-under-Lyne, &c., Board, 8, of the Heywood and Middleton Board 7, and of the Accrington and District and the Tees Valley Water Boards 6.

79. *Limits of Companies, &c.*—Of the 200 companies with statutory powers, 148 are empowered to supply within urban districts, and there are 292 urban districts wholly or partly within their limits. The limits of the South Staffordshire Company include 19 urban districts, Weardale and Consett Company 16, Newcastle and Gateshead Company 12, Colne Valley Company 8, Barnet, South Essex, and Sunderland and South Shields Companies 6, North Cheshire, Rhymney and Aber Valleys, Rickmansworth and Uxbridge Valley, Staffordshire Potteries, and West Cheshire Companies 5.

The limits of 6 of the 11 private proprietors with statutory powers each include an urban district.

80. *Local Acts of Rural District Councils.*—The 5 rural district councils with special Acts mentioned in paragraph 74 are not empowered thereby to supply water outside their own districts. The limits specified in these Acts refer only to the works authorised therein, and do not take away the councils' powers under the Public Health Act to supply other parts of their districts.

81. *Overlapping Limits.*—In some cases two undertakers have concurrent powers of supply in the same parish or district. It appears from the Return that 37 boroughs and urban districts and 72 parishes in 41 rural districts are situated wholly or partly within the limits of more than one undertaking. In these cases the limits actually



overlap, in others the parish or district is divided between the undertakings. The former are cases in which the limits were fixed by an early Act. It is not now the practice of Parliament to authorise the inclusion of areas within the limits of more than one undertaking.

*Places actually Supplied.*

82. As in the case of limits, the places actually supplied are given in terms of boroughs, urban districts, and parishes in rural districts. The word "part" following the name of a borough, district, or parish may mean that there are outlying houses that are not reached by the mains, or that, although the mains extend all over the district, some of the houses still prefer to take their supply from private wells. It was found impossible to distinguish in the return between these two cases. The City of London and all the Metropolitan Boroughs are returned as wholly supplied by the Metropolitan Water Board, though it is known that many houses in London have private wells and do not use the Water Board's supply, which is, however, available for every house. In many of the districts of greater London supplied by the Board the mains extend throughout the district, but a few houses are returned as supplied from other sources. The number of houses actually supplied by the piped service in each district can be ascertained from Part II., and can be compared with the total number of houses in the district, but where more than one undertaker supplies within a district separate figures are not given for each.

Some of the less important piped supplies are to standpipes; it has not been possible to distinguish these cases.

83. *Places within Limits and places actually supplied.*—The following table shows the number of districts and parishes within the statutory limits of the various classes of undertakers, and the number of them actually supplied with water:—

Undertakers.	Number of Districts and Parishes within statutory Limits.			
	Total.		Actually supplied.	
	Boroughs and Urban Districts.	Parishes in Rural Districts.	Boroughs and Urban Districts.	Parishes in Rural Districts.
Local authorities - - - -	404	876	392	534
Joint authorities - - - -	128	272	122	188
Companies - - - -	307	1,824	293	1,213
Private proprietors - - - -	6	18	5	16
Total - - - -	845	2,990	812	1,951

In this table 49 boroughs and urban districts and 106 parishes have been counted twice, and one urban district and two parishes three times, being partly or wholly within the limits of more than one undertaker.

In the case of urban districts there are only 33 within statutory limits which are not supplied by the undertaking in whose limits they are placed, and this is to some extent accounted for by the fact that 50 urban districts are within the limits of more than one undertaking. In the case of rural parishes, however, it will be seen that there are no less than 1,039 parishes not supplied by the undertakers within whose limits they have been placed by statute, and in only 108 of these cases can it be assumed that they obtain a piped supply in virtue of their being also within the limits of another undertaking. Thirty per cent. therefore of the rural parishes which have been included within the statutory limits of water undertakings remain unsupplied, and when it is considered that by the mere fact of their being placed within those limits the local authority has lost its right to supply them under the Public Health Acts, provided the undertakers are able and willing to furnish a supply on the terms referred to above (*see* paragraph 68), it becomes apparent that the interests of a parish may be seriously prejudiced by being included within the statutory limits of a water undertaking.

The Local Government Board have been accustomed to report to Parliament on Bills for Local Acts proposing to include new areas within water limits, urging the Committee which is to consider the Bill to satisfy themselves that there is a reasonable likelihood of the company or local authority, as the case may be, being able to provide



a sufficiency of wholesome water for the supply of the places proposed to be taken into the limits, and that there is a *bonâ fide* intention to supply them. As a result the limits proposed in local Bills have in a number of cases been curtailed. Nevertheless, cases have occurred in which a parish within the statutory limits of an undertaking which is willing to supply it only on exorbitant terms is badly in need of water, and could obtain it readily and cheaply from a separate scheme of the local authority, or from some other undertaking, and the undertaking with the monopoly will not give up its right to supply.

In the case of a Bill promoted by the West Gloucestershire Water Company in 1914 the Local Government Board in reporting to Parliament on the Bill drew attention to the failure of the company to provide a supply in certain parishes in a rural district which had been added to the company's limits of supply by a local Act of 1899, and suggested that if the cost of supplying the parishes with water from the company's works was such that the income to be derived from the supply, at the rates authorised by the Acts of the company, was insufficient to give a reasonable return on the expenditure, the Committee should consider whether the proper course would not be to exclude the parishes from the company's limits, and thus to enable the local authority to provide a supply under the provisions of the Public Health Act, 1875. The Committee, after hearing evidence, took the course suggested by the Board.

84. *Undertakers supplying Water outside their Statutory Limits.*—Special Acts sometimes contain clauses requiring undertakers to furnish supplies outside their limits by way of compensation, and authorising them to supply water in bulk to neighbouring authorities. The number of undertakers with special powers that supply water outside their statutory limits is shown in the following table:—

	Undertakers with Special Powers.	Undertakers supplying outside their statutory limits.	
		Directly to Consumers.	In bulk to Local Authorities.
Local authorities - - - - -	239	65	60
Joint authorities - - - - -	20	6	7
Companies - - - - -	200	48	8
Private proprietors - - - - -	11	—	—
Total - - - - -	470	119	75

Twenty-two local authorities, two joint authorities, and two companies have been counted twice in the table, as they supply both directly and in bulk.

85. *Local Authorities supplying Water to the Authorities of other Districts under the Public Health Act, 1875.*—Section 61 of the Public Health Act, 1875, enables a local authority to furnish supplies of water outside its district with the sanction of the Local Government Board. The Board have given such a sanction to 106 authorities, and the Return shows that 102 are furnishing supplies outside their districts.

86. *Places supplied by Joint Committees.*—Of the 12 joint committees constituted under the Public Health Act, 1875, or the Local Government Act, 1894, one supplies the borough of Tamworth and another the urban district of Highbridge. Parts of Ludgvan and Westbury urban districts are also thus supplied, and one committee supplies water in bulk to three urban district councils. The majority of the supplies, however, are furnished in rural districts, supplies being afforded in 49 parishes.

87. *Places supplied by Private Companies and Private Proprietors.*—In addition to those places which obtain water under statutory authority, a number of districts and parishes are supplied by companies and private proprietors without any powers. Of the 84 private companies one supplies a small part of the city of Bath (the greater part being supplied by the Town Council); 3 supply parts of the boroughs of Berwick-upon-Tweed, Colne, and Glossop; 17 furnish supplies in 15 urban districts, but of these only the 3 small urban districts of Dolgelley, Hetton and Watchet are wholly supplied.

The majority of private proprietors supply solely in rural districts. Of the total of 1,055, 17 furnish supplies in boroughs and 110 in urban districts, but in most cases to a very small number of houses only.



*Sources of Supply, their Nature and Sufficiency.*

88. *Nature of Sources: Surface and Underground Supplies.*—Full details as to the nature of the sources of supply were asked for and were generally obtained from the larger undertakers, but in many cases the smaller ones gave only meagre information. In every case the situation and nature of the source, the geological formations of each underground source, and the extent of the gathering grounds of upland surface supplies have been described, so far as the particulars given by the undertakers have permitted.

The sources of water supply are usually classified as surface supplies from lakes, ponds, rivers, streams and upland gathering grounds, and from springs, and underground supplies from wells and boreholes. The supplies from natural outlets issuing from the strata as surface springs are, however, as truly underground waters as those reached by wells, and their subterranean characters are equally pronounced. In many instances the returns do not distinguish clearly between water derived from springs and water obtained from streams. The source of many streams and rivers can be traced to springs, and many rivers are largely fed by springs throughout their course. A typical instance is the River Thames. It is difficult therefore to make a scientific division of water supplies into surface and underground supplies. For practical purposes, the most important of which is a survey of the supplies of each kind at present used for drinking purposes, the population for which they are used, and the further quantities available, the most convenient division is to class lakes, ponds, rivers and streams and upland sources as surface supplies and wells and springs as underground supplies.

89. *Lakes.*—The principal natural lakes of England and Wales are situated in Cumberland, Westmorland and North Wales, and some of these have been laid under contribution for purposes of water supply. The Royal Commission appointed in 1866 to ascertain "what supply of unpolluted and wholesome water could be obtained by "collecting and storing water in the high grounds of England and Wales either by the "aid of natural lakes or by artificial reservoirs, &c." considered a plan to provide the metropolis with water from Thirlmere, Ullswater and Haweswater, with an additional supply from Bala Lake in Merionethshire. The Commissioners made an independent investigation of the quality of the water from the lakes, and found it excellent as regards softness and purity, freedom from mineral contents and organic contamination, but slightly coloured with peat. They rejected the plan partly on this latter ground, and partly because of the uncertainty of the cost, the possible stoppage of flow in the conduit, the necessity of pumping, and the consideration that the sources of supply belonged geographically to the large and increasing population in the north of England.

In 1878 Lake Thirlmere was appropriated by the Corporation of Manchester by a Bill which was considered by a Select Committee of the House of Commons. They reported that the lake was a particularly favourable source of supply because of the large rainfall (about 100 inches annually), the scant population in the vicinity, and the consequent abundance and purity of the water to be derived from it, and because its elevation and situation were favourable for affording a gravitation supply to Manchester. The corporation were authorised to take 50 million gallons a day from the lake. At the end of 1913 they took, according to their return, 17,800,000 gallons a day.\*

Lake Vyrnwy now affords a supply of water to Liverpool, Crummock Lake to Workington, Haweswater to Penrith, and Ennerdale Lake to Whitehaven.

90. *Rivers and Streams.*—Many of the rivers and streams of England and Wales are utilised as sources of water supply, and from the Return it appears that 95 local authorities, 10 joint authorities, and 34 companies obtain water from them. *R. Thames.*—The river affording the largest quantity is the Thames, which, besides furnishing over 130 million gallons a day to the Metropolitan Water Board, supplies 2½ million gallons to the South-West Suburban and West Surrey Companies and 1,720,000 gallons to Oxford, while of its tributaries the Lee furnishes 64½ million gallons to the Metropolitan Water Board and the Kennet 3 million gallons to Reading. *R. Severn.*—The Severn supplies Worcester with 1,473,000 gallons per day, Bridgnorth with 240,000 gallons, and in summer Cheltenham with 649,000 gallons daily. Shrewsbury also uses 1,200,000 gallons a day of its water for purposes other than drinking. Of the tributaries of the Severn, the Avon furnishes 715,169 gallons a day to Rugby, the Chelt 991,000 gallons to Cheltenham and the Wye 1,000,000 gallons

\* A third pipe from Thirlmere to Manchester has now been completed, and about 30,000,000 gallons a day will in future be derived from this source; see page 89 of the Return.



to Hereford, while from the head waters of the River Elan, a tributary of the Wye, 72 million gallons a day are available for the supply of Birmingham. *R. Derwent.*—The River Derwent affords over 10 million gallons a day to the Derwent Valley Water Board. *R. Tees.*—The River Tees and its tributary the Balder supply 15 million gallons daily to the Tees Valley Water Board. The Tees also supplies Darlington with 2½ million gallons daily.

91. *Upland Surfaces.*—Many undertakers rely upon water collected in reservoirs from the surface of uncultivated land, and such sources have been described in the returns as “upland surfaces,” “gathering grounds,” or “drainage areas.” In some cases it is not possible to differentiate between supplies derived from upland surfaces and from rivers, streams, lakes, and springs, but it would appear that 136 local authorities, 11 joint authorities, and 20 companies depend upon gathering grounds for the whole or part of their supplies. Among the more important of these are the local authorities of Blackburn, Halifax, and Huddersfield, with available supplies per day of 20,973,950 gallons, 13,500,000 gallons, and 9,750,000 gallons respectively, and the Bury and District Joint Water Board, which obtains 5,962,000 gallons per day. Some undertakings with other sources derive very large quantities of water from gathering grounds, but the quantities obtained from the various sources are not always given. The local authorities include Leeds and Sheffield with available supplies per day of 30,662,025 gallons and 14,883,610 gallons (minimum estimate), and Oldham, which obtains 5,274,000 gallons per day. The Pontypridd and Rhondda Joint Water Board obtains 3,123,785 gallons per day.

Special Acts authorising the abstraction of water from upland surfaces invariably contain provision for compensating persons likely to be injured by this abstraction. Sometimes a money compensation is prescribed, but generally compensation in water, based on one-third of the mean available rainfall of three consecutive dry years. For the purpose of affording this compensation water the construction of special reservoirs, known as compensation reservoirs, is generally necessary.

92. *Springs.*—The actual number of springs from which supplies are obtained by the various undertakings is not known, but from the information in the Return it appears that springs are among the sources of supply of 392 local authorities, 14 joint authorities, and 114 companies. Where the information has been supplied, the geological formations from which the water issues and the situation of the springs are stated in the Return. Though widely distributed in England and Wales, springs are seldom in great enough volume at sufficient elevation for large gravitation supplies. Few of the larger undertakings rely for their supplies solely upon springs, but the borough of Portsmouth Waterworks Company obtain 8,261,000 gallons and the Wisbech Waterworks Company supply 5,188,160 gallons of water per day from springs in chalk, while the local authorities of Lancaster and Bath each depend upon springs yielding about 2,000,000 gallons per day.

Springs, however, furnish the staple supplies of many of the smaller undertakings and make important contributions to the supplies of many of the larger. Among these may be mentioned the Metropolitan Water Board, which obtains 1,712,000 gallons per day from the Chadwell Spring in Hertfordshire; the Staffordshire Potteries Waterworks Company obtains 2,120,000 gallons, and the Bristol Waterworks Company 1,744,000 gallons per day from springs.

93. *Underground Sources.*—Supplies from underground sources, excluding springs, are mostly obtained by means of wells and boreholes. The particulars of these sources given in the Return vary with the details furnished by the undertakers, some of whom describe the wells as “artesian,” “bored,” “deep,” “tube,” or with “adits,” “headings,” “borings,” &c. The actual number of wells and boreholes from which supplies are obtained is not known, but where the returns furnished by the undertakers contained such details, their depth, situation, and particulars of the water-bearing strata have been given. More complete information on this point will be published later (*see* paragraph 112).

For some years the supply of underground waters has been on the increase, and the proportion of underground to surface waters used has been constantly growing. Many important undertakings depend wholly upon wells or boreholes for their supplies. Of the local authorities, Kingston-upon-Hull obtains 12,304,000 gallons per day, Widnes 5,500,000 gallons, St. Helens 4,700,000 gallons, Birkenhead 4,215,356 gallons, Southampton 3,650,000 gallons, and Warrington 2,543,075 gallons. The Southport, Birkdale, and West Lancashire Water Board obtains 2,658,230 gallons daily from wells, whilst among the companies, Sunderland and South Shields obtains 8,520,000



gallons per day from wells and boreholes, South Essex 4,804,000 gallons, Great Grimsby 4,295,000 gallons, and Colne Valley 3,250,000 gallons. A number of undertakings with other sources also obtain large supplies from wells and boreholes, but the quantities derived from the various sources are not always given. The Metropolitan Water Board obtains 41,066,100 gallons per day from wells and borings, Nottingham 7,528,059 gallons, Croydon 4,053,698 gallons, and Wolverhampton 2,751,000 gallons, and the companies include South Staffordshire with 13,793,498 gallons, and Cambridge University and Town with 1,132,000 gallons.

The information in the Return shows that 340 local authorities, 13 joint authorities, and 142 companies derive supplies from wells and boreholes.

94. *Geological Formations from which Underground Supplies are derived.*—The total amount of underground water supplied by piped services for domestic purposes may be put down very roughly as 285 million gallons a day. This does not include supplies from surface springs, nor water obtained from standpipes.

The following table shows roughly the amount derived from each geological formation:—

	Million Gallons daily.
Chalk (including over 40 millions taken by Metropolitan Water Board) -	139 $\frac{3}{4}$
Bunter - - - - -	71 $\frac{1}{2}$
Magnesian Limestone - - - - -	13 $\frac{1}{4}$
Superficial Deposits (shingle, alluvium, river, valley and plateau gravels, and glacial sands and gravels) - - - - -	13
Sandstones from Coal Measures - - - - -	7
Millstone Grit - - - - -	6 $\frac{1}{4}$
Lower Greensand (Folkestone and Hythe beds) - - - - -	5 $\frac{1}{4}$
Keuper Sandstones - - - - -	4 $\frac{3}{4}$
Lower London Tertiaries (Woolwich and Reading beds, and Thanet sands) - - - - -	3 $\frac{1}{4}$
Carboniferous Limestone - - - - -	3
Ashdown Sand - - - - -	2 $\frac{3}{4}$
Lincolnshire Limestone - - - - -	2
Corallian Beds - - - - -	2
Great Oolite - - - - -	2
Upper Greensand - - - - -	1 $\frac{3}{4}$
Lias - - - - -	1 $\frac{1}{4}$
Old Red Sandstone - - - - -	1
Other formations yielding less than 1 million apiece - - - - -	5 $\frac{1}{4}$
	<hr/> 285 <hr/>

95. *Underground Supplies furnished by each County.*—The following table shows the approximate amount of water derived from underground sources in each county, and the principal formations from which it is obtained:—

Kent.—Including 28 millions from Chalk (of which 17 millions are taken by Metropolitan Water Board) and 2 millions from Lower Greensand -	32
Staffordshire.—Including 26 $\frac{1}{2}$ millions from Bunter and 1 million from Keuper - - - - -	29
Yorkshire.—Including 13 $\frac{1}{2}$ millions from Chalk, 2 millions from Bunter, 1 $\frac{3}{4}$ millions from Corallian Beds, and 1 $\frac{1}{2}$ millions from Coal Measures -	20 $\frac{1}{4}$
Hertfordshire.—Almost entirely derived from Chalk (over 7 millions of which are taken by Metropolitan Water Board) - - - - -	19
Lancashire.—Nearly 16 millions from Bunter, and over a million apiece from Coal Measures and Millstone Grit - - - - -	18 $\frac{1}{4}$
Sussex.—Including 11 millions from Chalk, 2 millions from Ashdown Sand, and $\frac{3}{4}$ million from Tunbridge Wells Sands - - - - -	14 $\frac{1}{2}$
Essex.—Including 11 $\frac{1}{2}$ millions from Chalk (of which 4 $\frac{1}{2}$ millions are taken by Metropolitan Water Board), and 2 $\frac{1}{4}$ millions from Lower London Tertiaries - - - - -	14 $\frac{1}{4}$
Surrey.—Including 14 $\frac{3}{4}$ millions from Chalk and 1 $\frac{1}{4}$ millions from Lower Greensand - - - - -	13 $\frac{3}{4}$



	Million Gallons daily.	
Durham.—Including 12¼ millions from Magnesian Limestone - -	13¼	
Nottinghamshire.—Including 12½ millions from Bunter - -	13	
Hampshire.—Including nearly 11 millions from Chalk - -	12	
Middlesex.—Almost entirely obtained by Metropolitan Water Board, and is apportioned between Chalk (over 6¼ millions) and gravel beds fringing the Thames (over 4¾ millions) - -	11¼	
Cheshire.—Including 9 millions from Bunter and ¾ million from Keuper	10¼	
Lincolnshire.—Including 4¼ millions from Chalk and 1½ millions from Lincolnshire Limestone - -	6½	
Derbyshire.—Including 2¾ millions from Alluvial deposits lining the valley of the Derwent and 2¼ millions from Millstone Grit - -	5½	
County of London.—The Metropolitan Water Board derive supplies from Chalk exceeding 5½ millions - -	5½	
Dorsetshire.—Including 3 millions from Chalk and 1 million from gravel beds in the valley of the Stour - -	5½	
Somersetshire.—Including 2 millions from Keuper and 1½ millions from Carboniferous Limestone - -	4¼	
Berkshire.—Including 3 millions from Chalk - -	3½	
Bedfordshire.—Including 1½ millions from Chalk and 1 million from Great Oolite - -	3¼	
Warwickshire.—Including 2 millions from sandstones of Coal Measures	3¼	
Suffolk.—Including 3 millions from Chalk, and the remainder from Crag - -	3¼	
Wiltshire.—Including 2¼ millions from Chalk - -	3	
Worcestershire.—Wholly represented by Bunter - -	2¾	
Buckinghamshire.—Including 1½ millions from Chalk - -	2¾	
Gloucestershire.—Derived mainly from Millstone Grit, Bunter, Old Red Sandstone and Inferior Oolite - -	2¼	
Northamptonshire.—Mainly derived from Marlstone (Middle Lias), Lincolnshire Limestone, Northampton Beds, and River Gravels -	2¼	
Norfolk.—Obtains over a million from Chalk and the remainder from Lower Greensand - -	1½	
Cambridgeshire.—Derives 1 million from Chalk and the rest from Lower Greensand - -	1¼	
Oxfordshire.—Obtains the bulk of its supply from gravel beds bordering the Thames, and from Chalk - -	1	
Cornwall.—From Granite and Palæozoic Strata, including water from mine sinkings - -	1	
Glamorganshire	Small underground supplies from ½ million to 1 million each - -	4½
Shropshire -		
Devonshire -		
Northumberland -		
Leicestershire -		
Monmouthshire -		
Herefordshire -		
Denbighshire -	Less than ½ million each - -	1½
Huntingdonshire -		
Flintshire -		
Rutlandshire -		
Pembrokeshire -		
Merionethshire -		
Cumberland -		
Anglesey	No underground supplies - -	—
Brecknockshire -		
Cardiganshire -		
Carmarthenshire -		
Carnarvonshire -		
Montgomeryshire -		
Radnorshire -		
Westmorland -		
Total -	-	285



96. *Sufficiency of Sources.*—As a guide to the sufficiency of sources, an attempt was made to ascertain the average daily quantity of water derived from each source and the further quantity available, and this information is given in the Return in respect of most of the principal undertakings. Some cases, however, only permit of the average daily quantity of water available being given, while in others the quantity of water available in excess of that taken is not known. Many of the smaller undertakers have no information as to the yield of their sources. It is impossible, therefore, to summarise accurately either the total quantity of water actually derived from existing sources or the total quantity available therefrom; but it will be seen that, in the case of some undertakings, vast quantities of water are said to be available in addition to the amounts actually used.

97. *Works.*—The particulars which have been given in the Return under this heading relate to filtration, reservoirs for storage and distribution, and the sufficiency of the pressure. The works of all undertakers naturally include the means of collecting the water and of conveying it to consumers. The nature of the sources sufficiently indicates the nature of the works, such as intakes, borings, wells, pumping stations, which are required in each case, and it has not been thought necessary to include them. As previously stated, it has not been possible to distinguish between supplies conveyed only to standpipes and those piped into dwellings.

98. *Filtration.*—Wherever possible it has been ascertained whether the water is filtered, and, if so, whether the filtration is effected by means of ordinary sand filters or by mechanical, pressure, or patent filters. The rate of filtration through sand (in gallons per square yard per day) has been mentioned where known. It appears from the Return that surface water is generally filtered, whereas underground water, including that from springs, is not. Some important supplies from lakes, rivers, and mountain streams, however, are not filtered, *e.g.*, the Manchester supply from Lake Thirlmere, the Whitehaven supply from Ennerdale Lake, and the supplies to Blackburn, Oldham, Plymouth, Preston, and Swansea from rivers and moorland gathering grounds. The Return shows that 200 local authorities, 14 joint authorities, 89 companies, and 116 private proprietors filter their water.

99. *Reservoirs.*—The primary use of reservoirs is to store water, but while some are used solely for this purpose others, known as service reservoirs, are utilised also for equalising pressure, and others, known as compensation reservoirs, for ensuring the proper flow of rivers and streams. The name or situation and the capacity of every reservoir has been stated whenever possible, but those known to be used solely for purposes of compensation have been omitted. Storage have been distinguished from service reservoirs, but as a reservoir is often used for both purposes it is doubtful whether many of them have been rightly described by the undertakers. It has also been noted whether reservoirs are on a high or low level, and whether they are merely tanks or water towers. The Return shows that only 34 local authorities, 2 joint authorities, and 7 companies do not possess reservoirs. The small capacity of some of the reservoirs belonging to the less important undertakings indicates that they are little more than cisterns.

100. *Pressure.*—Local authorities maintaining waterworks under the Public Health Act, 1875, have under section 55 of that Act a discretion as to whether the water they supply shall be constantly laid on at such pressure as to reach the top storey of the highest houses in the district supplied. The Waterworks Clauses Act, 1847, by section 35 lays this down as an obligation on all undertakers with special Acts which incorporate this section of the Waterworks Clauses Act, unless the special Act provides that the water need not be constantly laid on under pressure. This requirement is frequently modified in special Acts and orders, which generally provide that water need not be delivered at a pressure greater than that afforded by gravitation from the service tank or reservoir from which the water is supplied. According to the Return only 47 local authorities, 1 joint authority, and 5 companies furnish supplies with insufficient pressure.

101. *Quantity of Water supplied.*—The average daily quantity of water supplied, both directly to consumers and in bulk to other water undertakings, has generally been given. In some cases the undertakers have professed themselves unable to give the quantity supplied, and their statement as to the adequacy or otherwise of their supply has been accepted.



In several cases the quantity of water stated in the return to be obtained or to be available considerably exceeds the quantity distributed. Where the excess is in respect of water actually obtained it would appear from inquiries made in some typical cases that a great deal more water is taken by the works than is necessary for the supply, and that the excess goes over the overflow into a stream. Where there is an excess of water available, it means that the quantity of water taken is not separated from the quantity that could be obtained, and the excess over the amount distributed may be regarded as the extra quantity that could be obtained by means of the works.

A comparison of the actual number of gallons of water supplied per day with the population or number of houses given in Part II. of the Return will often enable a calculation to be made of the number of gallons per head of the population per day supplied from a particular undertaking. It has not been thought worth while to set out the results of such calculations for the purpose of indicating the sufficiency or otherwise of the supply, since it is impossible to express a standard of sufficiency in gallons per head per day without knowing what is required in each case for trade and public purposes, whether efficient measures are taken to prevent waste, &c. The returns which have been obtained on this subject show the great diversity that exists in different districts in the number of gallons of water per day distributed by an undertaking. In the area of the Metropolitan supply, according to the last report of the Metropolitan Water Board relating to the year 1913-14, just over 36 gallons per head per day is distributed. In a Parliamentary Return of 1882 relating to water supplies of five large towns, it appeared that Liverpool then distributed only  $4\frac{1}{2}$  gallons per head per day, while Bradford distributed 25 gallons and had an estimated waste of 15 to 20 per cent. A similar return of 1888 showed a variation in the amount of water distributed from 8 gallons per head per day in Oldham and 12 gallons in Leicester and Nottingham to approximately 24 gallons per head per day in Kingston upon Hull and in the area of the Newcastle and Gateshead Water Company, 25 in Preston,  $27\frac{1}{2}$  in Swansea, 28 (including public purposes) in Dublin, 33 in Glasgow, and 35 in Edinburgh. Most of the authorities said the amount of waste per head per day could not be ascertained, but Belfast, Dublin, and Leeds Town Councils put theirs at over a million gallons per day and Glasgow at 15 gallons per head per day.

102. *Constancy of Supply.*—A better test of the sufficiency of a supply is its constancy, and it will be seen that the great majority of undertakers state that their supply is constant. Only 25 local authorities and 4 companies return their supplies as intermittent, but in a number of small undertakings it is admitted that the supply is inadequate, and in these cases no doubt there is not a constant supply. Section 35 of the Waterworks Clauses Act, 1847, requires water to be constantly laid on at such a pressure as will make the water reach the top storey of the highest houses within the limits, unless the special Act exempts the undertakers from this obligation, which it often does, but this provision is not incorporated with the Public Health Act, 1875.

103. *Quality: Chemical and Bacteriological Examinations.*—The freedom of a water supply from danger of pollution, and from the consequent risk of producing disease, can only be determined by close topographical examination of its sources. Its actual quality can best be judged by the results of chemical and bacteriological examination, and in every case in which the water was subjected to such examination the Board endeavoured to obtain a copy of the latest analysis made. A brief summary of the results of these analyses has been inserted in the Return to illustrate the quality of the water; the copies of analyses have been retained by the Board amongst their records. In some cases in which the water is only occasionally examined the last analysis is too old to be of value. In other cases the details of the analysis were given without any comment by the analyst on the quality of the water, and in the absence of information as to the circumstances in which the sample analysed was taken it has been considered inadvisable to insert in the Return an opinion on the figures of the analysis. From the Return it appears that the quality of the water supplied, in some cases from one particular source amongst several, by 26 local authorities and 2 joint authorities is not satisfactory, whilst that supplied by 5 other local authorities is liable to pollution.

104. *Quality of Water from Upland Surfaces.*—The purity of water derived from these sources depends upon the freedom of the gathering grounds from contamination from human habitations, farm buildings and live stock. The Committee on British



Forestry, which reported in 1902, drew the attention of local authorities deriving their water supplies from gathering grounds owned by them to the advantages and profits to be derived from planting the catchment areas with trees, not only to contribute to the retention of the rain and assist in regulating the water supply, but to help to purify the water, and at the same time to yield a regular income on the capital expended. In connection with this report the Local Government Board obtained a return in 1903 showing which of the local authorities owning waterworks had acquired the freehold or long leasehold of the catchment areas from which their water supplies were derived. This return, which was not published, showed that at that time 5 joint boards and 74 town and district councils owned or had a long lease of a part or all of their gathering grounds.

Where adequate steps are taken to free the gathering grounds from risk of pollution, the water from these sources is as a rule exceptionally pure. But where, as often, the gathering ground is of a peaty nature there is a risk that the peat may discolour the water and render it turbid, and though this may not detract from its quality it is apt to create a prejudice against it. A great part of the supply to Rhondda Urban District was at one time very discoloured from this cause, and the inhabitants resorted to neighbouring springs and rivulets, which were exposed to contamination, for their supply, with the result that outbreaks of typhoid fever occurred. The Commissioners of 1866 rejected Mr. Bateman's plan for bringing water to London from Wales partly because they thought that coloured water would be unacceptable to the inhabitants of London. Such water requires to be filtered, with or without previous treatment by a chemical which will precipitate the colouring matter.

105. *Action on Lead.*—The chief danger of moorland waters is the tendency to dissolve lead which has been found to exist in waters derived from a soil containing peat, which usually have an acid reaction. The soft peaty water of the moors of Yorkshire and Lancashire are particularly acid. Such waters have in many cases caused serious attacks of lead poisoning among consumers of the water when delivered without treatment through lead pipes. The capacity of drinking waters to dissolve lead and to cause lead-poisoning has frequently been investigated by the Board. In his report for the year 1890 the medical officer to the Board estimated that upwards of 600,000 persons in the West Riding of Yorkshire alone appeared to be, at one time or another, liable to lead poisoning by the drinking of water supplied in their districts. The latest special reports on the subject are those of Dr. Houston, published in 1903. In 1909 the Board obtained detailed information from local authorities in whose districts water from moorland sources was supplied as to the action of the water on lead and the steps taken to counteract such action, with particulars of any cases of lead-poisoning which had occurred in their districts as a result of drinking water from such sources. The results of this inquiry, which were published as an appendix to the Annual Report of the Board's Medical Officer for 1908-9, showed that most of the undertakers supplying water from moorland sources took steps to treat the water with lime or whiting to counteract the tendency to dissolve lead, while in some instances lead service pipes were prohibited. These results are confirmed by the present Return, which shows that nearly all of the undertakers whose water acts on lead require galvanised iron pipes or treat the water with soda, whiting, lime, or chalk. In several recent local Acts which authorise the abstraction of water from moorland gathering grounds Parliament has required the insertion of a provision compelling the undertakers to treat the water so as to prevent its acting on lead before distributing it. In modern schemes of water supply from moorland sources the precaution has been taken of removing all beds of peat within the area of the reservoir. 1,000,000 cubic yards of peat have been removed from the area to be covered by the Alwyn reservoir of the Birkenhead Corporation, and 100,000 cubic yards from the Delph reservoir of the Bolton Corporation.

The fact that a water supply is derived from a peaty subsoil does not, however, necessarily make it plumbo-solvent at all times. Whitehaven Town Council obtain their water supply from Ennerdale Lake, and although the catchment area of the lake is covered with peat, it was found in the course of an investigation of an outbreak of enteric fever in Whitehaven in 1902 that water from the lake showed no plumbo-solvent tendency at that time. Consequently Penrith Urban District Council, who derive their water supply from Haweswater, a lake 24 miles due east of Ennerdale Lake with a similar catchment area, gave up treating their water with lime, and no action on lead has apparently since been observed in this water.



106. *Hardness.*—The total and permanent hardness of the water is given in each case in which it could be ascertained in degrees, according to Clark's scale. In some cases where the water is very hard a softening process is adopted, but it will be seen that many of the waters supplied are of a high degree of permanent hardness.

## PART II.

107. *Part II. of the Return* shows how every district and parish in England and Wales is supplied with water. The districts are arranged in counties, and the Welsh counties, including Monmouthshire, appear together after the English counties. County boroughs have been included in the geographical county within which they are deemed to be situated, and with the other urban districts in the county are arranged in alphabetical order, and these are followed by the rural districts with their respective parishes also in alphabetical order. The districts are given as they existed at April 1914. They comprise London, 80 county boroughs, 244 other boroughs, 806 urban districts, and 650 rural districts with 12,869 parishes.

108. *Area and Population.*—The area and population of each district and parish inserted in the Return are those given in the reports of the census of 1911, but as far as possible corrections have been made for changes of area up to April 1914.

109. *Number of Houses.*—The number of inhabited buildings used as dwellings as shown in the census report has been given in the Return for all urban areas. Similar figures are not available in respect of each rural parish, and the figures furnished by the local authorities have therefore been inserted and have been checked with the number of families in each parish as given in the census report, which probably corresponds closely with the number of houses in rural parishes.

110. *Number of Houses supplied from Piped Service.*—The number of houses in each district and parish supplied from a piped service by the undertakers mentioned in Part I. appears in Part II. In addition some private proprietors supplying water to less than 10 houses have also been included in Part II. Information respecting the number of houses supplied has in each case been obtained from the local authority.

The following table shows the number of districts and parishes supplied by various undertakers:—

Undertaker.	Boroughs and Urban Districts.	Parishes in Rural Districts.
Local authorities - - - - -	822	2,331
Companies - - - - -	309	1,395
Private proprietors - - - - -	85	1,505

Districts which are supplied by more than one class of undertaker have been counted more than once in this table.

As stated in paragraph 66 a piped service is provided within 1,101 of the total 1,130 boroughs and urban districts and in 4,874 of the 12,869 parishes in rural districts throughout England and Wales, and only 29 boroughs or urban districts are at present without any piped supply. Sixty-seven urban areas, however, have no piped service to more than 50 per cent. and 320 to more than 5 per cent. of the houses in the district. Approximately 62 per cent. of the rural parishes are without piped supplies. For the purpose of the Return it has been found necessary to ignore supplies brought from a distance in pipes to single country houses, though where such a supply is made available for 10 houses or more it has been included as an "undertaking."

111. *Where there is no Piped Service.*—A general statement of the sources, quality and adequacy of supplies where there is no piped service has been given in respect of each district and parish. Since many parishes depend on more than one source, and the quantity and quality of the supply from each source necessarily vary considerably, any general summary of the nature, quality and quantity of the unpiped supplies in a particular parish must be to a large extent misleading. Moreover, in a great many rural parishes no systematic action has been taken to ascertain the quality of the various unpiped sources of supply. Many of the wells in use would, no doubt, be found on examination to be liable to pollution and unsafe for drinking, but where they have been used for years without untoward results they are generally regarded by the inhabitants and the council as pure and sufficient. The chief sources of



unpiped supplies are wells, which have been variously described as "artesian," "bored," "tube," "deep," "dip," "draw," "surface," "shallow," "very shallow," "public," "private," "pump," or simply as "wells." These descriptions have been omitted in the Return, as it is not clear that they are used in the same sense in different parts of the country. This is especially the case with regard to "deep" and "shallow" wells. In order to distinguish between deep and shallow wells the Rivers Pollution Commission, in their report on domestic water supplies in 1874, classified all wells less than 50 feet as shallow, but the character of the stratum from which the water is derived is often more important than depth in feet when determining whether a well should be described as deep or shallow. Wells, no doubt, provide most of the unpiped supplies of the country, and most of them are shallow in the sense that their water is derived from the subsoil which is frequently liable to pollution from privies, leaking sewers, cesspools, drains, refuse heaps, and other sources of contamination in their neighbourhood. Many epidemics in rural districts have been traced to water derived from such wells.

Many villages possess public wells, which are generally fitted with pumps. These supplies, which have existed in some cases from time immemorial, were vested in the local authority by section 64 of the Public Health Act, 1875.

Springs are largely utilised as sources and the supplies obtained from them are generally described as adequate and of good quality.

Supplies are in some places obtained direct from rivers, streams, canals, lakes, ponds and gathering grounds. Streams are variously described as "becks," "brooks," "burns," "mill races," and "rivulets," and lakes as "meres," while other unpiped supplies are returned as derived from "moorlands," "uplands," "ditches," "dykes," "field drains," "land drains," "reens," "rhynes," "spouts," "surface pits," and "ponds." All these sources are often liable to pollution, and as the water is, as a rule, used without filtration, the supplies must be regarded as generally indifferent.

Rain-water is the sole means of supply in some places, while in others it contributes largely to supplies where there is no piped service. The quality and sufficiency of this supply depend mainly upon the methods of collection and storage.

In a few instances water is obtained from colliery workings and mines, and in one case from water cress beds fed by artesian wells. The only supply to four houses in the parish of Tankersley, in Wortley Rural District, consists of condensed steam, which is said to be not very satisfactory.

## CONCLUSIONS.

112. *Utility of the Return.*—The Return may be regarded as the first instalment of the detailed and comprehensive investigation of the whole subject of surface and underground water supplies which has been recommended by various Royal Commissions and Committees. The Joint Select Committee on the Water Supplies Protection Bill in 1910 referred to the apprehension expressed by several witnesses that "the water supply of the country is not being utilised to the best advantage, owing to the want of information on the subject of the general water supply, particularly the subsoil supply; the haphazard and arbitrary fashion in which local sources of supply are sometimes wasted, sometimes withheld from use, and sometimes appropriated for the benefit of other, and often distant, places without regard to the needs of the locality from which the water is taken or of the country as a whole." The Committee were struck by the absence of trustworthy, and, indeed, often of any information as to the subsoil water supply available in any particular district, and as to the effect of rainfall on the water levels in various parts of the country. They saw some reason to doubt whether the powers for protecting rivers from pollution possessed by local bodies are effectively exercised by them. They considered that a remedy for this state of things was urgently called for, and they thought that it might be found by creating an organisation empowered to inquire into the whole question of surface and underground water supplies from a comprehensive standpoint; to supervise the future allocation of supplies, and to serve as an authoritative adviser to Parliament in the consideration of particular schemes.

They point out that this suggestion is really no new one. In 1869 the Royal Commission on Water Supply recommended "that no town or district should be allowed to appropriate a source of supply which naturally and geographically belongs to a town or district nearer to such source, unless under special circumstances which justify the appropriation."



In 1893 the Royal Commission on Metropolitan Water Supply drew attention to the importance of procuring accurate information as to the effect of pumping from the chalk on the level of the water in the wells from which it is pumped, and urged that definite obligations should be laid on water authorities to keep and supply such records. The Royal Commission on Water Supply within the limits of the Metropolitan Water Companies (1899) concurred in this recommendation, and added: "We do not think it necessary to specify in detail the observations which should be kept, because we suggest later on in this Report that the Local Government Board should have a general power of requiring the Companies to supply information as to their works."

A more specific recommendation as to the creation of a Water Authority is contained in paragraph 31 of the Interim Report of the Royal Commission on Sewage Disposal (published in 1901), which runs as follows:—"We are of opinion that the general protection of our rivers is a matter of such grave concern as to demand the creation of a separate Commission, or a new department of the Local Government Board, which shall be a Supreme Rivers Authority dealing with matters relating to rivers and their purification."

The question was further developed in the Third Report (referred to above) of the same Royal Commission, which was published in 1903. In paragraph 44 of that Report it was stated:—"In our opinion a properly equipped Central Authority is essential, and we unhesitatingly recommend the creation of such an Authority."

And in paragraph 48:—"The work of the Central Authority will be so intimately connected with the work of the Local Government Board that it will be desirable to make it a new department under the Local Government Board rather than an entirely separate department."

The same Report goes on to recommend the creation of Rivers Boards throughout the country, to be formed of Joint Committees of County Councils, each having jurisdiction over the whole of a watershed and river basin. The Central Authority would ascertain what grouping of counties was most effective, and then take steps to constitute Rivers Boards for these areas. With the aid of the Rivers Boards, the Central Authority would collect the information available throughout the country in regard to waste of water by pumping from mines, the use of water in industrial works, and the abstraction of water from one district for the supply of another. The Report stated in conclusion:—"We entirely agree that the collection of such information should precede the consideration of the question whether legislative interference in regard to these matters is desirable."

Finally, the Fifth Report of the same Royal Commission summarises their recommendations on this subject as follows (paragraph 356):—"That ultimate control should be vested in an adequately-equipped Central Administrative Authority, and that, as far as practicable the local Rivers Board should, in accordance with regulations framed by the Central Department, act as a first tribunal. Among the more important questions which have to be dealt with under the new conditions of administration which we are contemplating are the following:— . . . (iii) the protection of water supplies from pollution; (iv) the collection of information as to the water supplies available in various parts of the country; (v) the collection of information as to the need of water in various parts of the country."

The Committee state that they cannot find that any effective action—they may indeed say any action at all—has been taken on these repeated recommendations, all of which assert the same principle, viz., that there is urgent need for a survey, at once comprehensive and in detail, of the water supplies and water needs of the country and for the adoption of measures for conserving the supply and disposing of it to the best advantage. A number of witnesses, confirming the recommendations of these Royal Commissions, have pointed out to the Committee the desirability of establishing some authority to take cognizance of all questions, both atmospheric and geological, which affect water supplies, and to serve as an authoritative referee when in any future inquiries before Parliamentary Committees the allocation of sources of supply comes in question. With this view the Committee express their entire agreement, and they strongly recommend *firstly* the establishment (within the Local Government Board or independently as may seem best to the Government) of such a Central Administrative Authority as is contemplated in paragraph 356 of the Fifth Report of the Royal Commission on Sewage Disposal (quoted above); and *secondly* the division of the country into watershed areas, and the appointment for those areas of local Representative Boards, who,



subject to the guidance and control of the Central Authority, should prosecute systematic and continuous inquiries into the water supply of their jurisdiction, take all necessary measures to husband such supplies, both surface and subsoil; secure their preservation from pollution; and advise on their allocation for sanitary, industrial, and other purposes.

In amplification of the information given in the Return and this preliminary memorandum the Board's Geological Adviser, Mr. J. B. Hill, is preparing a memoir, which will be published separately, as to underground and surface supplies.

The underground supplies will be briefly described according to the geological formations, including the depths at which the water bearing strata are struck and the natural rest-level to which the water attains, and in typical instances the fluctuations in the water-levels affected by pumping. The quality of the water yielded by the respective formations will be illustrated by analyses. The extent of the outcrops of the chief water bearing strata will be represented by sketch maps, the more important of which will be accompanied by horizontal sections, and will show their underground extensions within the reach of deep wells or bores.

The spring supplies will also be sub-divided, showing the geological formations from which they issue, and the qualities of these waters will be illustrated by analyses. The surface supplies will be grouped according to drainage areas. The characters of the stream supplies as determined by the geological formations which they traverse will also be shown. The drainage areas into which the surface supplies are grouped will be represented on a sketch map.

113. *The main facts brought out by the Return* may be summarised as follows:—

- (1) Water is now supplied by a piped service practically to every densely populated place in England and Wales, and most of these supplies are wholesome and adequate. There are still, however, a very large number of rural parishes, some small urban districts, and many outlying houses in larger urban districts, which depend for their water on private sources. (Paragraph 66.)
- (2) Though some considerable undertakings are still in the hands of companies, the greater part of the population which has a piped service of water is now supplied municipally. (Paragraph 66.)
- (3) The powers of the general law have not sufficed to give local authorities or companies all the powers necessary for their undertakings. The chief defect in the general law is that it provides no machinery for taking water rights compulsorily. (Paragraphs 73 and 74.)
- (4) A great many rural parishes have been put by special Acts into the limits of undertakers who do not supply them, which, in view of the provisions of the Public Health Act, 1875, and section 35 of the Waterworks Clauses Act, 1847, may seriously prejudice them in obtaining a supply on terms which they can afford. (Paragraphs 68 and 83.)
- (5) In the case of some undertakings large additional quantities of water are available beyond the amounts taken and distributed; in some instances a great deal of the water taken by the works runs to waste. (Paragraphs 96 and 101.)

114. *Water Supplies from distant Sources.*—It has been seen that many towns now depend for their water on very distant sources. The Manchester supply from Lake Thirlmere is brought 96 miles, the Birmingham supply from the Elan Valley 80 miles, the Liverpool supply from Lake Vyrnwy 65 miles. Leicester, Nottingham, Derby, and Sheffield now derive some of their supplies from the head-waters of the Derwent. Bradford obtains water from the Nidd Valley; Birkenhead is constructing a new supply from the River Alwyn. Barnsley, Batley, Cardiff, Tynemouth, and the Fylde Water Board all use sources which belong geographically to other areas.

Water Bills have frequently been opposed in Parliament on the ground that they proposed to appropriate waters which did not belong geographically to the district to be supplied. As long ago as 1865 the House of Commons rejected a Bill on this ground. The provision recommended by the Royal Commission of 1869, and inserted in some Acts, requiring the undertakers of a distant supply to furnish water to districts on the line of the aqueducts, does not fully meet this objection.

The Tendring Hundred Water and Gas Act, 1912, contained a provision, obtained by the Essex County Council, prohibiting the company from supplying water derived from any source in Essex in bulk or otherwise beyond or for use beyond that county without the consent of the county council.



115. *Effect of New Works on existing Supplies.*—Serious questions in the matter of water supply arise in connection with the utilisation of new sources in proximity to existing sources of water supply. In the case of surface supplies, it has been seen (paragraphs 84 and 91) that provision is made by Parliament in passing special Acts for compensation water. This principle has not been generally applied to underground supplies, though the effect of sinking a well and using powerful pumping machinery has often been to affect seriously the level of the water in neighbouring wells. The practice of the Court of Referees in Parliament used to be to refuse a *locus standi* to petitioners against a Bill who alleged that they would be injured by the abstraction of underground percolating water. This has now been altered, and a Standing Order empowers the Referees to admit such petitioners to be heard. Since 1899 clauses have been inserted for the protection of existing wells in several Acts authorising pumping schemes.

116. *Powers for securing Water Supplies to Houses without a Piped Supply.*—The provisions of the present law for securing a satisfactory supply of water to houses without a supply are not wholly adequate.

The power of the inhabitants of a district to compel a proper water supply to be furnished is determined by the provisions of section 35 of the Waterworks Clauses Act, 1847, within the limits of an undertaking to which that Act applies. In places not within statutory limits the inhabitants' only remedy is that provided by section 299 of the Public Health Act, 1875, which enables them to complain to the Local Government Board that the local authority have made default in providing their district, or a part of it, with a proper supply. In certain cases the Board may make an order, enforceable by writ of *Mandamus*, limiting the time within which the local authority must perform their duty in the matter. Some orders have been made by the Local Government Board under this section requiring local authorities to provide their districts, or part of their districts, with a proper water supply, and as the Board point out in their annual reports, it frequently happens that they are able to secure a remedy in these cases without the issue of an order. The defect in the provision in the Waterworks Clauses Act as a means of obtaining a piped supply of water has already been referred to in paragraph 68; the defect of the Public Health Act is that the machinery is cumbrous and can be set in motion only by a local complaint.

In the case of isolated premises it would, of course, be unreasonable to require the local authority to provide a supply of water, and machinery is provided to enable a local authority to compel a supply to be obtained in certain circumstances. A local authority may, under section 62 of the Public Health Act, 1875, compel houses within their district without a proper supply to obtain such a supply where it can be furnished at a cost not exceeding the water rate authorised by any local Act in force in the district, or, where there is no local Act, at a cost not exceeding 2*d.* a week, or such other cost as the Local Government Board may, on the application of the local authority, determine to be reasonable, and in default of the owner doing the necessary work the local authority may do it. This section, however, apparently applies only where there is a supply which can be brought from the mains of a water company or local authority. The cost referred to in the section is the cost of supply, and does not include the expense of bringing the supply to the premises. It does not, therefore, assist in securing a proper supply for an isolated house, where there is no question of connecting with a company or local authority's main.

Section 70 of the Public Health Act, 1875, enables the local authority to apply to a court of summary jurisdiction to close temporarily or permanently a well, tank, cistern, or pump used or likely to be used for drinking purposes so polluted as to be injurious to health. This section, however, gives no power to require a proper supply to be substituted. In London, by section 48 of the Public Health (London) Act, 1891, an occupied house without a proper and sufficient supply of water is a nuisance, and, if a dwelling-house, is deemed to be unfit for human habitation. There is no similar provision in the Public Health Act, 1875, and it is not clear whether a house without a proper water supply would come within section 91 (i) as premises in such a state as to be a nuisance or injurious to health. The contract which, by section 14 of the Housing, Town Planning, &c., Act, 1909, implies a condition that a house shall be in all respects reasonably fit for human habitation must perhaps be understood to imply that the house is provided with a proper water supply. In rural districts and in the few urban districts to which the power has been given, section 3 of the Public Health (Water) Act, 1878, makes it the duty of the authority to see that every occupied dwelling-house in the district has within a reasonable distance an available supply of



wholesome water sufficient for the consumption and use for domestic purposes of the inmates of the house. Where there is not such a supply and the authority are of opinion that such a supply can be obtained at a cost defined by the section (amounting to 2*d.* a week, or 3*d.* a week if the Local Government Board so determine) the authority may take proceedings to secure such a supply, and the owner so required to provide a supply may, under section 4, appeal to the Local Government Board against the requirement. Action under these sections is comparatively rare.

A further safeguard of a proper supply to houses in rural districts is contained in section 6 of the Act of 1878, which provides that houses in rural districts erected or rebuilt after the date of the Act shall not be occupied without a certificate from the sanitary authority that there is provided within a reasonable distance an available supply of wholesome water. A similar provision is contained in section 48 of the Public Health (London) Act, 1891, but there is no similar requirement applying to urban districts outside London. Moreover, the maximum penalty for occupying a house without a water certificate is 10*l.* only.

Outside London, therefore, the position is that rural authorities can, under a penalty of 10*l.*, require a certificate to be obtained that a proper water supply is available before new or rebuilt houses can be occupied, while urban authorities cannot; that all local authorities can compel a public supply to be taken where a main is available within the limit of cost laid down in section 62 of the Act of 1875, and that where there is no main available rural authorities may compel a supply to be furnished for existing houses within the limit of cost laid down in section 3 of the Act of 1878. Beyond those limits in rural districts, and where no main is available in urban districts, there is no power under the general law to compel the provision of a supply of water.

117. *The following fresh legislation has been suggested on the subject of Water Supply* :—(1) That Rivers Boards should be established to control the watersheds of the various rivers of England and Wales, the prevention of pollution of their waters and the management and distribution of the water supplies derived from them, and of the underground supplies of their areas.

(2) That the Local Government Board should be empowered to make Provisional Orders for the compulsory acquisition of water rights.

(3) That in schemes for supplying towns from particular river basins provision should be made for supplies to be furnished to neighbouring villages.

(4) That section 52 of the Public Health Act, 1875, should be amended so as to safeguard further the rights of local authorities with regard to parts of their districts placed within the limits of statutory companies and not supplied by them.

(5) That local authorities should be empowered to make byelaws regulating the construction of shallow wells.

(6) That local authorities should be empowered to make byelaws as to the provision of proper water fittings.

(7) That it should be made the duty of the local authority to obtain orders to close polluted wells.

(8) That local authorities should be empowered to provide, or to cause to be provided, a supply of water for a group of houses and to apportion the expenses as they deem just among the owners having houses within a reasonable distance of the source of supply, with an appeal to the county council or to a court of summary jurisdiction, (in place of the provisions in the Public Health (Water) Act, 1878).

(9) That owners should be compelled to lay on water where a pure and wholesome piped supply is provided.

(10) That further power should be given to prevent the occupation of a new house until a proper water supply is provided. (*See* paragraph 116.)

(11) That county councils should be empowered to combine contributory places in different sanitary areas for the joint provision of a supply of water.



# PART I.—Particulars as to every Water Undertaking in England and Wales.

## SECTION I.—LOCAL AUTHORITIES.

Throughout this section where no specific powers (Local Acts or Provisional Orders) and limits are given, it is to be understood that the undertaking is under the Public Health Act, 1875, which authorises every Local Authority to supply water within its district.

**Aberavon Town Council.**—Supplies Aberavon B.

*Sources of Supply (Nature and Sufficiency).*—(1) Streams with gathering ground, 230 acres, at Pen y Castell, Margam; (2) Avon Vale, well in gravel, Sandfields; (3) Supply in bulk from Neath R.D.C. (see page 96). The average daily quantity of water available from each source is, respectively, (1) 403,920 gallons; (2) 432,000 gallons (emergency supply); and (3) 222,200 gallons (111,100 gallons now obtained).

*Works.*—Filtration through gravel only. Storage reservoir—Pen y Castell, 6,250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 281,050 gallons. Supply is intermittent.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (May 1913) that chemically there is no evidence of organic contamination of the water from (1), and that bacteriologically it is satisfactory; (2) is unsatisfactory. Hardness, (1) 2·2°, (2) 17°. Water from sources (1) and (2) acts on lead, but galvanised iron pipes are used; (2) contains some iron and chlorine.

**Abercarn Urban District Council.**—Supplies Abercarn U.D.\* (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Spiteful, Cwmcarn; (2) Mill Farm, Cwmcarn; (3) Pant, Newbridge; (4) Pencoeadeae, Newbridge; (5) New Bethel, Newbridge; (6) White Well, Crumlin; (7) Old Source, Crumlin; (8) Cherry Tree, Crumlin; (9) Penylan, Aberbeg. Yield not known.

*Works.*—No filtration. Reservoirs—Nine tanks near sources, capacity 43,500 gallons each. Pressure is sufficient.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Good. Hardness, 1·6°. No action on lead; contains some iron.

**Aberdare Urban District Council.**—Supplies Aberdare U.D. (part), and parish of Penderyn (part) (Vaynor and Penderyn, R.D.).

*Powers.*—Aberdare Local Board Waterworks Acts, 1870 and 1894.

*Limits.*—Aberdare U.D., and parish of Penderyn (Vaynor and Penderyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 1,075 acres, Nant Hir and Nantmoel, 4 miles from town; (2) Upland surface, 570 acres, Bwlfa, 2½ miles from town; (3) Upland surface, 350 acres, Pwllfa, on southern boundary of district; (4) Supply in bulk from Merthyr Tydfil T.C. (see page 92). Yield not known, (2) fails during summer months; the average daily quantity of water available from (4) is 500,000 gallons.

*Works.*—Sand and pressure filters. Storage reservoirs:—Nanthir, 42,000,000 gallons; Nantmoel, 74,000,000 gallons; Bwlfa, 7,000,000 gallons; Pwllfa, 150,000 gallons. Service reservoir:—Graig, 750,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,600,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (July 1913) that the water shows no evidence of contamination. Hardness, 4·3°. The water acts slightly on lead, and is treated with chalk.

**Abergavenny Town Council.**—Supplies Abergavenny B., and parish of Llantilio Pertholey (part) (Abergavenny R.D.); and furnishes a supply in bulk to Abergavenny R.D.C.

*Powers.*—Abergavenny Improvement Acts, 1854 and 1860; Abergavenny Order, 1905.

*Limits.*—Abergavenny B.

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Old Red Sandstone, Llwyndu Valley; (2) Kibby Brook (emergency supply). The average daily quantity of water available from (1) is 270,000 gallons.

*Works.*—No filtration. Reservoirs:—Chapel Farm, 8,000,000 gallons (in course of construction); two tanks at Llwyndu, 60,000 gallons each. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 260,000 gallons and 500 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness 6°. No action on lead.

\* Abercarn U.D. is within the limits of supply of Abertillery and District Joint Water Board, and the Council's undertaking is to be transferred to the Joint Board.



**Abergavenny Rural District Council.**—Supplies part of parish of Llanwenarth Ultra (Abergavenny R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Govilon. The average daily quantity of water obtained is 2,000 gallons, and a further 3,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. No action on lead.

**Abertillery Urban District Council.**—Supplies Abertillery U.D.\* (part).

*Powers.*—Abertillery Local Board (Gas and Water) Act, 1894; Abertillery Urban District Council Act, 1902.

*Limits.*—Abertillery U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Tillery Brook with upland surface, 600 acres, on Blaentylery Mountain; (2) Spring from Pennant rock, Penyrheol gerrig; (3) and (4) Springs from Pennant Grit, Arael Mountain; (5) Spring, Cwmnanty; (6) Springs from Pennant Grit, Duffryn; (7) Springs, Six Bells and Blaencuffin; (8) Springs from Pennant Grit, Blaina. The average daily quantity of water obtained from each source is not known, but the daily yield in dry weather is, respectively, (1) 450,000 gallons; (2) 30,000 gallons; (3) 5,000 gallons; (4) 6,000 gallons; (5) 25,000 gallons; (6) 35,000 gallons; (7) 12,000 gallons; (8) 6,000 gallons.

*Works.*—Filtration, 1,700 gallons per square yard per day. Storage reservoir, Cwmntillery, 40,000,000 gallons. Service reservoirs:—Cwmntillery, 500,000 gallons; Penyrheol gerrig, 33,000 gallons; Arael Mountain (a) 73,000 gallons, (b) 368,000 gallons; Cwmnanty, 30,000 gallons; Duffryn, 90,000 gallons; Blaina, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 850,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 3·4°. No action on lead.

**Aberystwyth Town Council.**—Supplies Aberystwyth B., and parishes of Isa'ndre (part), Lower Vaenor (part), and Ucha'ndre (part) (Aberystwyth R.D.).

*Powers.*—Aberystwyth Improvement and Water Act, 1872; Aberystwyth Corporation Act, 1913.

*Limits.*—Aberystwyth B., and parishes of Isa'ndre, Lower Vaenor, Melindwr, Parcel Canol and Ucha'ndre (Aberystwyth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Lake Llyn Llygad Rheidol with upland surface, 133 acres, on Plinlimon Trefeirig. The average daily quantity of water obtained is 450,000 gallons.

*Works.*—No filtration. Service reservoirs:—Buildings Farm, Isa'ndre, (a) 1,000,000 gallons; (b) 3,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 450,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 0·6°. No action on lead.

**Aberystwyth Rural District Council.**—Supplies parts of parishes of (1) Broncastellan, (2) Cwnrheidol, (3) Cyfoethyr Brenin, and Henllys, (4) Llanafan, (5) Llancynfelyn, (6) Llanilar, (7) Llanychaiarn, (8) Lower Llanbadarn y Creuddyn, (9) Lower Llanfihangel y Creuddyn, (10) Upper Llanfihangel y Creuddyn and (11) Upper Vaenor (Aberystwyth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Bow Street; (2) Pont-erwyd and Ystumtuen; (3) Brynbala; Brynyrodyn and Pantyrhaiarn; (4) Llanafan; (5) Treddol; (6) Llanilar; (7) Figure Four, Pont-lanio; (8) Rhydyfelyn; (9) Cnwch Coch; (10) Cwmystwyth; (11) Commins Coch and Waenfau. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Bow Street, 1,800 gallons; Borth, 50,000 gallons; Pont-erwyd, 200 gallons; Ystumtuen, 100 gallons; Llanafan, 150 gallons; Cnwch Coch, 200 gallons; Llanfarian, 12,000 gallons; Southgate, 500 gallons; Treddol, 500 gallons; Llanilar, 3,000 gallons; Figure Four, 550 gallons; Pont-lanio, 200 gallons; Waenfau, 1,200 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness varies from 1·1° to 14·68°. No action on lead.

**Abingdon Town Council.**—Supplies Abingdon B. (part), and parishes of Abingdon St. Helen Without (part), Sutton Wick (part) (Abingdon R.D.), and Culham (part) (Culham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Corallian Beds, overlying Oxford Clay at Wootton; (2) Boring, 65 feet, in Corallian Beds in Abingdon. The

\* Abertillery U.D. is within the limits of supply of Abertillery and District Joint Water Board, and the Council's undertaking is to be transferred to the Joint Board.



average daily quantity of water derived from each source is, respectively, (1) 68,524 gallons; (2) 16,476 gallons; and a further 50,000 gallons per day could be obtained from (1) and 25,000 gallons from (2).

*Works.*—No filtration. Service reservoir:—Wootton, 125,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 85,000 gallons. Supply is constant.

*Quality of Water.*—Chemical and bacteriological examination of (1) half-yearly, and (2) occasionally. Analyst remarks (16th December 1912) that the water is good. Hardness:—(1) total 21°, permanent 7°; (2) total 14·7°, permanent 1·4°. No action on lead.

**Abingdon Rural District Council.**—Supplies parts of parishes of (1) Milton and (2) Steventon (Abingdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Adits in Upper Greensand, Milton Hill; (2) Upland surface, Steventon Hill. Yield not known.

*Works.*—No filtration. Service reservoirs:—Milton, 20,000 gallons; Steventon, 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard. No action on lead.

**Aldeburgh Town Council.**—Supplies Aldeburgh B. (part).

*Powers.*—Aldeburgh Corporation (Water) Act, 1901.

*Limits.*—Aldeburgh B., and parish of Sudborne (Plomesgate R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Red Crag, Hall Farm, Aldeburgh. The average daily quantity of water obtained is 70,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Tower at Aldeburgh, 35,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (14th May 1906) that this is excellent water of great organic purity. Hardness:—total, 16·5°; permanent, 6·1°. No action on lead; contains some iron.

**Alfreton Urban District Council.**—Supplies Alfreton U.D. (part), and part of parish of Brackenfield (Chesterfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole, 124 feet, through Millstone Grit to Shale, Lindway; Upland surfaces (2) 76 acres, Dickfield; (3) 81 acres, Wheatecroft; (4) 221 acres, Lindway; (5) 163 acres, Butterley; (6) Wraggs' Well and Gregory's Well in Millstone Grit. The average daily quantity of water available from (1) is 175,000 gallons, and (6) 27,000 gallons. Yield of (2) to (5) not known.

*Works.*—Pressure filters. Storage reservoirs:—Butterley 6,200,000 gallons; Lindway, (a) 12,000,000 gallons, and (b) 8,800,000 gallons. Service reservoir:—Cotes Park, 770,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (December 1913) that after filtration the water is eminently satisfactory. Hardness, 7·29°. No action on lead.

**Alnwick Urban District Council.\***—Supplies Alnwick U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, Taffy's Well, Rugley; (2) Spring, Rugley Wood Well; (3) Boring, Rugley Wood; (4) Twenty other springs and land drains; (5) Rugley burn, intake at Rugley Wood. The average daily quantity of water derived from each source is, respectively, (1) 50,400 gallons; (2) 21,600 gallons; (3) 50,400 gallons; (4) 48,000 gallons; (5) 28,800 gallons.

*Works.*—Part of the water is filtered, 100 gallons per square yard per day. Service reservoir:—Near Alnwick, 210,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 199,200 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (28th September 1906) that the water is free from organic impurity. Hardness, 12°. No action on lead; contains oxide of iron and lime.

**Alnwick Rural District Council.**—Supplies parishes of (1) Alnmouth, (2) Birling, Brotherwick, Hauxley and Togston, (3) Craster (part) and Dunstan, (4) Eglingham, (5) Glanton

\* Alnwick U.D.C. and the Duke of Northumberland are about to provide a supply from sandstone springs in Hulne Parks yielding 115,200 gallons per day, with a reservoir of 97,000 gallons, when sources (4) and (5) will be abandoned.



(part), (6) Greens and Glantlees and Newton on the Moor, (7) Warkworth (part) (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) over Coal Measures, &c.; (2) and (7) from gravel beds; (3) from limestone; (4), (5) and (6) from sandstone. The average daily quantity of water available from each source is, respectively, (1) 28,800 gallons, (2) 57,600 gallons, (3) 86,400 gallons, (4) 4,320 gallons, (5) 7,920 gallons, (6) 10,080 gallons, (7) 14,400 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Bilton and Snableazes (a) 50,000 gallons, (b) 250,000 gallons; (2) Sturton Grange and Woodhouse (a) 35,000 gallons, (b) 50,000 gallons; (3) Craster and Proctor Steeds (a) 10,000 gallons, (b) 5,000 gallons; (4) Eglington, 3,000 gallons; (5) Glanton, 2,475 gallons; (6) Glantlees and Newton on the Moor 100,000 gallons; and (7) Warkworth (a) 12,000 gallons, (b) 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional chemical examination. Hardness from 8° to 20°. No action on lead.

°**Alsager Urban District Council.**—Supplies Alsager U.D. (part).

*Sources of Supply (Nature and Sufficiency).*°—(1) Two wells, 43 feet, in Glacial sands, Hole House Farm, Alsager; (2) Supply in bulk from Staffordshire Potteries Waterworks Co. (see page 217). The average daily quantity of water derived from each source is respectively: (1) 48,000 gallons, (2) 10,000 gallons.

*Works.*—No filtration. Service reservoirs°:—The Hill, Alsager, 110,000 gallons; Newcastle Road, Linley, 5,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 58,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (2nd July 1913) that the water is exceedingly pure. Hardness:—total, 26·5°; permanent, 5·5°. No action on lead.

**Alston with Garrigill Rural District Council.**—Supplies part of parish of Alston with Garrigill (Alston with Garrigill R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs, &c., from limestone hills; (2) An old mine; (3) Springs; (4) Springs from limestone hills. The average daily quantity of water derived from each source is, respectively, (1) 70,000 gallons, (2) 17,280 gallons, (3) 4,400 gallons, (4) 2,000 gallons. A further 27,000 gallons per day could be obtained from (1); 17,280 gallons from (2); 14,320 gallons from (3); and 3,000 gallons from (4).

*Works.*—Water is filtered at Garrigill only. Service reservoirs:—Alston, 10,000 gallons; Nenthead, 300 gallons; Garrigill, 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate, except at Nenthead.

*Quality of Water.*—Excellent. Hardness:—total, 12·5°; permanent, 1·75°. No action on lead; contains a trace of iron at Nenthead.

**Alton Urban District Council.**—Supplies Alton U.D. (part), and part of parish of Chawton (Alton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boring, 620 feet, through Chalk and Upper Greensand, Windmill Hill, Alton. The average daily quantity of water obtained is 140,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Windmill Hill, 99,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 140,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 19°. No action on lead.

**Amble Urban District Council.**—Supplies Amble U.D., and furnishes a supply in bulk to Broomhill Collieries, Limited, who supply parts of parishes of East Chevington and Hadstone (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and borehole in Carboniferous series at Hazon and Newton on the Moor. The average daily quantity of water obtained is 216,000 gallons, and a further 108,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Hazon, 100,000 gallons. Service reservoir:—Morwick, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 188,000 gallons, and 28,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (22nd December 1913) that the water is quite suitable for drinking. Hardness, 15°. No action on lead; contains a little iron oxide in suspension.

\* Alsager U.D.C.—A borehole and reservoir (capacity 200,000 gallons) are now under construction.



**Ambleside Urban District Council.**—Supplies Ambleside U.D. (part).*Powers.*—Ambleside Urban District Council (Gas and Water) Act, 1895.*Limits.*—Ambleside U.D.*Sources of Supply (Nature and Sufficiency).*—Scandale beck, intake at Scandale, Ambleside. The average daily quantity of water obtained is 300,000 gallons, and a further 200,000 gallons per day could be obtained.*Works.*—No filtration. No reservoir. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.*Quality of Water.*—Good, and soft. No action on lead.**Ammanford Urban District Council.**—Supplies Ammanford U.D.*Powers.*—Ammanford Urban District Council (Water) Act, 1908.*Limits.*—Ammanford U.D.*Sources of Supply (Nature and Sufficiency).*—River Loughor, intake near source in Llandilo Fawr.\* The average daily quantity of water obtained is 180,000 gallons, and a further 90,000 gallons per day could be obtained.*Works.*—No filtration. Storage reservoir:—Llandilo Fawr, 1,000,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 180,000 gallons. Supply is constant.*Quality of Water.*—Good. Hardness, 5·7°. No action on lead.**Amphill Urban District Council.**—Supplies Amphill U.D. (part), and parishes of Clophill (part), Maulden (part) (Amphill R.D.).*Sources of Supply (Nature and Sufficiency).*—Two boreholes, 121 feet into Lower Greensand at Clophill. The average daily quantity of water obtained is 26,241 gallons, and a further 70,000 gallons per day could be obtained.*Works.*—No filtration. Storage reservoir:—“The Park,” Amphill, 150,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.*Quality of Water.*—Occasional examination. Analyst remarks (24th December 1913) that the water is satisfactory. Hardness:—total, 33·9°; permanent, 9·7°. No action on lead; contains a trace of iron before softening.**Andover Town Council.**—Supplies Andover B. (part).*Sources of Supply (Nature and Sufficiency).*—Well in chalk, Millway Road, Andover. The average daily quantity of water obtained is 140,000 gallons, and a further 250,000 gallons per day could be obtained.*Works.*—No filtration. Service reservoir:—Millway Road, 120,000 gallons. Pressure is insufficient.*Quantity of Water supplied.*—The daily average is 140,000 gallons. Supply is constant.*Quality of Water.*—Good. Hardness:—total, 20·6°; permanent, 7°. No action on lead; contains lime and magnesia.**Appleby Town Council.**—Supplies Appleby B. (part), and parish of Murton (part) (East Westmorland R.D.).*Sources of Supply (Nature and Sufficiency).*—Springs from New Red Sandstone at Bank Wood, Murton. The average daily quantity of water obtained is 156,000 gallons, and a further 74,000 gallons per day could be obtained.*Works.*—No filtration. Storage reservoir:—Bank Wood, Murton, 60,000 gallons. Service reservoir:—Crotty, Appleby, 98,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 156,000 gallons. Supply is constant.*Quality of Water.*—Good. Hardness, 6°. No action on lead.**Arlecdon and Frizington Urban District Council.**—Supplies Arlecdon and Frizington U.D. (part); and parish of Lamplugh (part) (Whitehaven R.D.); and furnishes a supply in bulk to Egremont U.D.C.,† who also supply parish of Salter and Eskett (Whitehaven R.D.).*Powers.*—Arlecdon and Frizington Water Act, 1879; Arlecdon and Frizington Order, 1884.*Limits.*—Arlecdon and Frizington U.D.*Sources of Supply (Nature and Sufficiency).*—Spring from slate, Cogra Valley. The average daily quantity of water obtained is 320,000 gallons, and a further 50,000 gallons per day could be obtained.*Works.*—No filtration. Storage reservoir:—Cogra Valley, 20,000,000 gallons. Service reservoir:—High Leys, Arlecdon, 500,000 gallons. Pressure is sufficient.

\* This source is owned jointly with Llandilo Fawr R.D.C. (Ammanford and Llandilo Fawr Joint Committee).

† Egremont U.D.C. are about to provide a supply for their District, see page 150.



*Quantity of Water supplied.*—The daily average is 150,000 gallons, and 170,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (19th December 1913) that the water is most excellent. Hardness:—total, 1°; permanent, 0·75°. No action on lead.

° **Ashbourne Urban District Council.**—Supplies Ashbourne U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole in Bunter Sandstone, Derby Road. The average daily quantity of water obtained is 66,000 gallons, and a further 8,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Derby Road, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 66,000 gallons. Supply is constant.

*Quality of Water.*—Biennial examination. Analyst remarks (9th June 1913) that chemically the water is entirely satisfactory. Hardness:—total, 17·2°; permanent, 8·6°. No action on lead.

**Ashbourne Rural District Council.**—Supplies parts of parishes of (1) Kirk Ireton, and (2) Middleton by Wirksworth (Ashbourne R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from sandstone; (2) Spring from limestone over clay. Yield not known.

*Works.*—No filtration. Service reservoirs:—(1) Kirk Ireton, 60,000 gallons, (2) Middleton, (a) 100,000 gallons, (b) 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Intermittent in summer.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (21st August 1911) that the water is well adapted for domestic use, but that (2) requires filtration before distribution. Hardness:—(1) total, 3·7°; permanent, 3·2°; (2) total, 10·4°; permanent, 6·3°. No action on lead.

**Ashburton Urban District Council.**—Supplies Ashburton U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland springs from granite at Bowdley, supplemented from moorland streams during dry periods, (2) spring from elvan, Chuley. The average daily quantity of water derived from each source is, respectively, (1) 50,000 gallons, (2) 20,000 gallons, and a further 100,000 gallons per day could be obtained from (1) and 30,000 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—Bowdley, 300,000 gallons; Chuley, 18,810 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Ashford Urban District Council.**—Supplies Ashford U.D. (part), and part of parish of Kingsnorth (West Ashford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Shallow wells and adits in Lower Greensand, Henwood Farm, Ashford. The average daily quantity of water obtained is 206,808 gallons.

*Works.*—No filtration. Service reservoirs:—Barrow Hill, Ashford (a) 36,000 gallons, (b) 280,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 206,808 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (18th December 1913) that the water is satisfactory. Hardness:—total, 25·5°; permanent, 6·9°. No action on lead.

**Ashton in Makerfield Urban District Council.**—Supplies Ashton in Makerfield U.D. (part).

*Powers.*—Ashton in Makerfield Local Board Act, 1875.

*Limits.*—Ashton in Makerfield U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 400 acres, Winstanley; (2) Supply in bulk from Liverpool T.C. (see page 79). Yield of (1) not known; The average daily quantity of water obtained from (2) is 100,000 gallons.

*Works.*—Filtration, 290 gallons per square yard per day. Storage reservoirs:—Ashton in Makerfield, (a) 18,000,000 gallons, (b) 4,000,000 gallons. Service reservoirs:—Billinge Road, 54,000 gallons; Brockstedes, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 240,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (19th December 1913) that the water is not quite satisfactory. Hardness, 16·3°. No action on lead.

\* Ashbourne U.D.C.—A scheme is under consideration whereby an additional 50,000 gallons per day will be available.



**Ashwell Rural District Council.**—Supplies part of parish of Ashwell (Ashwell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Clay Bush Hill. The average daily quantity of water available is 75,000 gallons.

*Works.*—No filtration. Reservoir near Ashwell, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 8,500 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (11th September 1911) that the water is excellent. Hardness:—total, 24°; permanent, 7°. No action on lead.

**Atcham Rural District Council.**—Supplies parts of parishes of (1) Condover, Meole Brace; (2) Meole Brace; and (3) Pontesbury (Atcham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well (supplied by a spring) in drift overlying Longmynd Beds at Lyth Hill; (2) (a) Springs from gravel overlying Coal Measures at Moat Hall Colliery, (b) spring from gravel overlying Coal Measures at Welbatch; (3) Well (supplied by a spring) in subsoil overlying Arenig Quartzite at Whitwell Bank. The average daily quantity of water derived from each source is, respectively, (1) 2,000 gallons; (2) (a) 47,000 gallons, (b) not known; (3) 7,000 gallons. A further 3,000 gallons per day could be obtained from (1), 10,000 gallons from (2) (a), and 2,500 gallons from (3).

*Works.*—No filtration. Reservoirs:—(1) Lyth Hill, 12,500 gallons; (2) (a) Moat Hall Colliery, 105,000 gallons; (b) Welbatch, 12,000 gallons; (3) Whitwell Bank, 1,800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent. Hardness, (1) 25°. No action on lead.

**Atherstone Rural District Council.**—Supplies parts of parishes of (1) Ansley, Atherstone, Grendon, Mancetter, Oldbury; and (2) Polesworth (Atherstone R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Well at Ansley, (b) Supply in bulk from Baddesley Collieries (see page 331); (2) Borehole at Warton. The average daily quantity of water derived from each source is, respectively, (1) (a) 50,000 gallons, (b) 50,000 gallons; (2) 50,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Ridge Lane, 100,000 gallons; (2) Dordon, 56,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) Inadequate; (2) generally adequate.

*Quality of Water.*—Good. Hardness, 17·5°. No action on lead.

**Audley Urban District Council.**—Supplies Audley U.D. (part), and furnishes a supply in bulk to Newcastle under Lyme R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two wells (connected) with borehole in sandstone rock at Alsagers Bank. The average daily quantity of water obtained is 170,000 gallons, and a further 138,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Alsagers Bank, (a) 168,000 gallons, (b) 168,000 gallons; Talke, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 167,500 gallons and 2,500 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 10·61°; permanent, 4·4°. No action on lead; saline.

**Axbridge Rural District Council.**—Supplies parishes of (1) Blagdon (part), (2) Badgworth, Biddisham, Brent Knoll (part), Burnham Without, Compton Bishop (part), East Brent, Lympsham, Mark, Weare, (3) Churchill (part), Rowberrow (part), Shipham (part), and Winscombe (part) (Axbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Ellick; (2) Cross Springs; (3) Rowberrow Bottom Springs. The average daily quantity of water derived from each source is respectively, (1) 20,000 gallons; (2) 60,000 gallons; (3) 33,000 gallons; and a further 40,000 gallons per day could be obtained from (2).

*Works.*—No filtration. Service reservoirs:—(1) Blagdon Hill, 45,000 gallons; (2) Cross Hill, 150,000 gallons; (3) Rowberrow Bottom, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) and (2) Adequate, (3) limited.

*Quality of Water.*—Excellent—occasional chemical and bacteriological examination. Hardness not known. No action on lead.



**Axminster Rural District Council.**—Supplies parts of parishes of (1) Axminster, (2) Axmouth, (3) Dalwood, (4) Membury, (5) Musbury, and (6) Uplyme (Axminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs collected underground, Furzeleigh; (2), (3), (4), (5), (6), Springs. The average daily quantity of water derived from (4) is 6,480 gallons; yield of (1), (2), (3), (5), and (6) not known.

*Works.*—Water from source (1) is filtered. Service reservoir:—(1), Lyme Road, capacity not known. (1) Pressure is sufficient.

*Quantity of Water supplied.*—Plentiful, except from source (1).

*Quality of Water.*—Good, except (5) indifferent. Hardness not known. No action on lead.

**Aylesbury Rural District Council.**—Supplies parish of Quainton (Aylesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring on Cimber Hill. Yield not known.

*Works.*—No filtration. Service reservoir, North End Quainton, 22,344 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Aysgarth Rural District Council.**—Supplies parishes of (1) Askrigg (part),\* (2) Aysgarth, (3) Bainbridge, (4) Burton cum Walden (part), (5) Carperby cum Thoresby (part), (6) Hawes (part), (7) High Abbotside (part), (8) Newbiggin and Thoraby (part) (Aysgarth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (3) Springs from limestone; (2) and (4) to (8) Springs from grit and clay. The average daily quantity of water derived from each source is, respectively, (1) 3,200 gallons; (2) 3,200 gallons; (3) 2,220 gallons; (4) 3,200 gallons; (5) 2,000 gallons; (6) 17,200 gallons; (7) 1,920 gallons; (8) 4,000 gallons. A further 6,800 gallons per day could be obtained from (1); 6,800 gallons from (2); 10,240 gallons from (3); 6,800 gallons from (4); 4,000 gallons from (5); 15,400 gallons from (6); 2,000 gallons from (7); and 26,000 gallons from (8).

*Works.*—No filtration. Service reservoirs:—(1) Askrigg, 3,500 gallons; (2) Aysgarth, 10,000 gallons; (3) Bainbridge, 6,710 gallons; (4) West Burton, 5,600 gallons; (5) Carperby, 1,250 gallons; (6) Hawes, 33,025 gallons; (7) High Abbotside, 390 gallons; (8) Newbiggin and Thoraby, 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good except (1).

**Bacup Town Council.**—Supplies Bacup B. (part), and Rawtenstall B. (part).

*Powers.*—Rossendale Waterworks Act, 1853; Bacup Corporation Waterworks Act, 1894; Bacup Orders, 1897 and 1912; Bacup Corporation Water Act, 1898; Bacup Corporation Acts, 1896 and 1906; Bacup and Bury and District Joint Water Board Order, 1913.

*Limits.*—Bacup B.; Rawtenstall B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Cowpe Brook, with moorland surface, 593 acres, over Millstone Grit; (2) Upland surface, 150 acres, Sheephouses. Yield not known.

*Works.*—Filtration, 280 gallons per square yard per day. Storage reservoirs:—Sheephouses, 19,000,000 gallons; Cowpe, 150,000,000 gallons; Cragg Holes, Cowpe, 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 4.5°. Acts slightly on lead and is treated with aluminoferric and limestone.

**Baildon Urban District Council.**—Supplies Baildon U.D. (part).

*Powers.*—Baildon Local Board Water Act, 1890; Baildon Order, 1894.

*Limits.*—Baildon U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, 379 acres, Rombalds Moor, Bingley, and spring at Horncliffe; (2) Birch close spring, Bingley; (3) Spink Well, Baildon Moor; (4) Acre Well, Baildon Moor. The average daily quantity of water derived from each source is, respectively, (1) 184,000 gallons; (2) 50,000 gallons; (3) 21,000 gallons; (4) 20,000 gallons; and a further 90,400 gallons per day could be obtained from (1).

\* Aysgarth R.D.C. is about to supply Askrigg from another source.



*Works.*—No filtration. Storage reservoir:—Weecher, Rombalds Moor, 30,883,000 gallons. Service reservoirs:—Baildon Moor, (a) 1,318,000 gallons, (b) 3,242,000 gallons, (c) 4,800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 252,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 2·2°. Acts on lead and is treated with soda and whiting.

**Bakewell Urban District Council.**—Supplies Bakewell U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring on Fallinge Moor. The average daily quantity of water available is 150,000 gallons.

*Works.*—No filtration. Storage reservoir:—Coombs, Nether Haddon, 385,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 95,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Bakewell Rural District Council.**—Supplies parishes of (1) Ashford (part), Calver, Eyam (part), Froggatt, Great Longstone (part), Hassop (part), Little Longstone (part), Rowland, Stoney Middleton (part); (2) Bradwell (part); (3) Chelmorton; (4) Eyam Woodlands (part); (5) Sheldon (part); (6) Taddington (part); and (7) Tansley (part) (Bakewell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Percolating water, intercepted underground, at Stoke Flat, Baslow and Bubnell; (2) Springs at Dead Man's Clough; (3) Springs; (4) Spring at Eyam Woodlands; (5) Springs in Shacklow Wood; (6) Springs at Five Wells; (7) Two springs in Tansley. The average daily quantity of water derived from each source is, respectively, (1) 88,000 gallons; (2), (3), (6), not known; (4) 22,000 gallons; (5) 1,200 gallons; (7) 57,600 gallons. A further 88,000 gallons per day could be obtained from (1); 30,000 gallons from (4); and an unlimited quantity from (5).

*Works.*—Water from source (1) is filtered. Service reservoirs:—(1) Ashford 57,786 gallons, Rowland 165,000 gallons; (2) three at Bradwell, capacity not known; (3) Chelmorton, 10,000 gallons; (4) Eyam Woodlands, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft—occasional chemical examination. Water from (1) acts on lead, and is treated with lime.

**Bala Urban District Council.**—Supplies Bala U.D. and part of parish of Llanycil (Penllyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Arenig Lake, on Arenig Mountain, in Llanycil, 7 miles from Bala. Yield not known.

*Works.*—No filtration. Service reservoir at Fedwarian Hill, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Soft, but iron pipes are used.

**Bampton Urban District Council.**—Supplies Bampton U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Bampton. The average daily quantity of water available is 18,000 gallons.

*Works.*—No filtration. Reservoir, tank at Bampton, 700 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Frequent chemical examination. Analyst remarks (17th December 1913) that the water is exceedingly pure and well adapted for domestic purposes. Hardness 10°. No action on lead.

**Banbury Rural District Council.**—Supplies parts of parishes of Bourton, Hornton, and Wardington (Banbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Bourton, Hornton, and Wardington. Yield not known.

*Works.*—No filtration. Reservoirs:—Bourton, 1,000 gallons; Hornton, 300 gallons; Wardington, 2,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard. No action on lead.

**Bangor Town Council.**—Supplies Bangor B. (part) and parts of parishes of Llandegai, Llanllechid, and Pentir (Ogwen R.D.).

*Powers.*—Bangor Water and Gas Act, 1854; Bangor Local Board Act, 1878; Bangor Orders, 1885, 1887, and 1889.

*Limits.*—Bangor B. and parishes of Llandegai, Llanllechid and Pentir (Ogwen R.D.).



*Sources of Supply (Nature and Sufficiency).*—River Llafar intake in Llanllechid. The average daily quantity of water obtained is 490,000 gallons.

*Works.*—No filtration. Service reservoirs:—Twrgwyn, (a) 185,000 gallons, (b) 720,000 gallons; Bryniau, 16,500 gallons; Nant, 410,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 490,000 gallons. Supply is constant.

*Quality of Water.*—Suitable for domestic purposes—occasional chemical and bacteriological examination. Hardness, 0.55°. No action on lead.

**Barmouth Urban District Council.**—Supplies Barmouth U.D. and parishes of Llanaber (part) and Llanddwywe uwch y graig (part) (Dolgelley R.D.).

*Powers.*—Barmouth Local Board Act, 1891.

*Limits.*—Barmouth U.D., and parish of Llanaber (part) (Dolgelley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Bodlyn Lake with drainage area, 900 acres on Cambrian formation, Dyffryn. Yield not known.

*Works.*—No filtration. Service reservoir at Eithinfynydd, 106,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness 0.38°. No action on lead.

**Barnack Rural District Council.**—Supplies part of parish of Barnack (Barnack R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well at Barnack. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Barnard Castle Urban District Council.**—Supplies Barnard Castle U.D. (part) and parish of Startforth (part) (Startforth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Millstone Grit, Bowes Moor. The average daily quantity of water available is 444,240 gallons.

*Works.*—No filtration. Storage reservoir:—Bowes Road, 6,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 142,800 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (18th March 1910) that the water is excellent for all domestic purposes. Hardness:—total, 6.3°; permanent, 2.8°. No action on lead.

**Barnard Castle Rural District Council.**—Supplies parishes of (1) Cockfield; (2) Middleton in Teesdale (part); and (3) Woodland (Barnard Castle R.D.); and furnishes a supply in bulk to Auckland R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Four springs from sandstone, Langleydale Fell; (2) Two springs from disused lead mine workings at Town Head; (3) Two springs from sandstone, Eggleston Moor. The average daily quantity of water derived from each source is, respectively, (1) 30,276 gallons; (2) 32,400 gallons; (3) 11,000 gallons; and a further 23,282 gallons per day could be obtained from (1), 27,600 gallons from (2), and 4,000 gallons from (3).

*Works.*—No filtration. Service reservoirs:—(1) Penny Hill, Langley Dale, 70,000 gallons; (2) Town Head, Middleton, 6,288 gallons; (3) Woolly Hills, Woodland, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Plentiful; the daily average in bulk is 10,000 gallons.

*Quality of Water.*—Occasional examination. (1) and (3) excellent. Analyst remarks (7th October 1910) that the water from (2) is fit for drinking and domestic purposes. Hardness, (2):—total, 5.3°, permanent, 3.9°. Water from (1) and (3) acts on lead, but galvanised iron pipes are used.

**Barnoldswick Urban District Council.**—Supplies Barnoldswick U.D. (part), and part of parish of Coates (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well (105 feet) and borehole (503 feet) in Yoredale Grit down to Bowland Shales, Barnoldswick. The average daily quantity of water obtained is 146,000 gallons.

*Works.*—No filtration. Storage reservoir:—Salterforth, 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 146,000 gallons. Supply is generally constant.

*Quality of Water.*—Biennial chemical and bacteriological examination. Analysis (14th February 1914) no comment. Hardness:—total, 10°; permanent, 6.3°. No action on lead.



**Barnsley Town Council.**—Supplies Barnsley C.B., Darton U.D. (part), Dodworth U.D. (part), Hoyland Swaine U.D. (part), Monk Bretton U.D. (part), parishes of Silkstone (part) (Penistone R.D.), Bradfield (part) (Wortley R.D.); and furnishes supplies in bulk to Ardsley U.D.C., Cudworth U.D.C. who also supplies Monk Bretton U.D. (part); Gunthwaite and Ingbirchworth U.D.C., Monk Bretton U.D.C., Royston U.D.C. who also supplies part of parish of Notton (Barnsley R.D.); Worsborough U.D.C., who also supplies part of parish of Tankersley (Wortley R.D.); Barnsley R.D.C.; Hemsworth R.D.C., who furnishes a supply in bulk to Thurnscoe U.D.C. for the U.D. and part of parish of Clayton with Frickley (Doncaster R.D.); and Earl Wharnccliffe, who supplies parts of parishes of Carlton and Notton (Barnsley R.D.).

*Powers.*—Barnsley Waterworks Act, 1853; Barnsley Local Board Act, 1862; Barnsley Local Board Amendment Act, 1866; Barnsley Corporation (Water) Acts, 1896 and 1900; Barnsley Orders, 1902 and 1907.

*Limits.*—Barnsley C.B., Ardsley U.D., Cudworth U.D., Darton U.D. (part), Dodworth U.D., Gunthwaite and Ingbirchworth U.D., Hoyland Swaine U.D., Monk Bretton U.D., Royston U.D., Worsborough U.D., parishes of Carlton, Notton, Stainbrough, Woolley (Barnsley R.D.); Brierley, Havercroft with Cold Hiendley, Hemsworth, Ryhill, Shafton, South Elmsall, South Hiendley, South Kirkby (Hemsworth R.D.); Hunshelf, Langsett, Silkstone (Penistone R.D.); Bradfield (part), Tankersley, and Wortley (Wortley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground, Ingbirchworth; (2) Moorland gathering ground, Midhope. The average daily quantity of water available from each source is, respectively, (1) 1,000,000 gallons; (2) 2,500,000 gallons.

*Works.*—Filtration, 333 gallons per square yard per day. Storage reservoirs:—Ingbirchworth, 302,000,000 gallons; Midhope, 410,000,000 gallons. Service reservoirs:—Hoyland Swaine, 250,000 gallons; Champany Hill, 500,000 gallons; Wortley, 1,000,000 gallons; Jordan Hill, Barnsley, 550,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,898,425 gallons, and 801,575 gallons in bulk. Supply is constant.

*Quality of Water.*—Very pure—frequent chemical examination. Hardness:—(1) 3·3°, (2) 1·7°. Acts on lead and is treated with chalk or lime.

**Barnstaple Rural District Council.**—Supplies parts of parishes of (1) Bishop's Tawton, (2) Braunton, (3) Swimbridge (Barnstaple R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Codden Hill; (2) Springs from sandy soil, over clay and rock, (a) in Buttercombe Valley, (b) at Knowle; (3) Spring from gravel bed under heavy clay loam. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons; (2) (a) 85,000 gallons, (b) 15,000 gallons; (3) 5,000 gallons. A further 15,000 gallons per day could be obtained from (1); 150,000 gallons from (2) (a); and 10,000 gallons from (3).

*Works.*—No filtration. Storage reservoirs:—(1) Bishop's Tawton, 5,000 gallons; (2) (a) Buttercombe Lane, 124,000 gallons, (b) Knowle, 33,000 gallons. Service reservoir:—(3) Kerscott, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Barrow in Furness Town Council.**—Supplies Barrow in Furness C.B., Dalton in Furness U.D. (part), parish of Broughton in Furness (part) (Ulverston R.D.); and furnishes supplies in bulk to Ulverston U.D.C. (see page 145) and Ulverston R.D.C.

*Powers.*—Barrow in Furness Corporation Acts, 1868, 1873, 1875, 1881, 1892, 1901, and 1904.

*Limits.*—Barrow in Furness C.B., Dalton in Furness U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surfaces:—Poaka Beck 692 acres, Pennington 550 acres, Harlock 589 acres, and Ireleth 149 acres, about 15 miles from the Borough; (2) River Duddon, with upland surface, 12,000 acres, about 21 miles from the Borough. The average daily quantity of water available from each source is, respectively, (1) 5,569,000 gallons; (2) 3,000,000 gallons.

*Works.*—Filtration, 900 gallons per square yard per day. Storage reservoirs:—Ireleth, Askam, 3,600,000 gallons; Poaka Beck, Ulverston, 190,300,000 gallons; Pennington, 140,700,000 gallons; Harlock, 226,800,000 gallons; Seathwaite Tarn, 560,000,000 gallons. Service reservoirs:—Ireleth, Askam, 1,800,000 gallons; Dalton, 230,000 gallons; Barrow High Service, (a) 5,700,000 gallons, (b) 5,700,000 gallons; Barrow Longreins, 8,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,356,000 gallons and 403,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (14th October 1913) that the water is perfectly satisfactory. Soft and acts slightly on lead, but lead pipes are not used. Slightly saline.



**Barry Urban District Council.**—Supplies Barry U.D., parts of parishes of Porthkerry, St. Andrews Major, Sully, Wenvoe (Llandaff and Dinas Powis R.D.), and furnishes a supply in bulk to Llandaff and Dinas Powis R.D.C.

*Powers.*—Barry and Cadoxton Local Board (Gas and Water) Act, 1893; Barry Urban District Council Acts, 1896 and 1913.

*Limits.*—Barry U.D., parishes of Porthkerry, St. Andrews Major (part), Sully, Wenvoe (Llandaff and Dinas Powis R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs, intercepted underground, from limestone, on Biglis Moors; (2) Supply in bulk from Cardiff T.C. (see page 32). The average daily quantity of water derived from each source is, respectively, (1) 682,374 gallons; (2) 5,500 gallons; and a further 1,000,000 gallons per day could be obtained from (1), and 49,300 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—Pencoedtre, 1,000,000 gallons; Merthyr Dovan, 280,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 686,574 gallons and 1,300 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (October 1913) that chemically there is no evidence of contamination, but that bacteriologically the water is unsatisfactory. Hardness:—total 26·6°. No action on lead.

**Basford Rural District Council.**—Supplies parishes of (1) Gotham, (2) Felley (part), Selston (part) (Basford R.D.), Kirkby in Ashfield U.D. (part); and furnishes supplies in bulk to Blackwell R.D.C. who also supply in bulk to Pinxton Collieries, Ltd. (see page 256), and Annesley Colliery Co., who supply part of parish of Annesley (Basford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from base of Lias Limestone at junction with Keuper Marl; (2) Deep well in Magnesian Limestone, Kirkby. The average daily quantity of water obtained from (1) is not known, and from (2) 200,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Weldon Hill, Gotham, 50,000 gallons; (2) Annesley Woodhouse, 147,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) Deficient; (2) Abundant; the daily average in bulk is 19,060 gallons.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (April 1912) that the water from (1) is fit for domestic purposes and (29th April 1913) that (2) is excellent. Hardness:—(1) total 26·18°, permanent 10·78°; (2) total 31·5°, permanent 10·85°. No action on lead.

**Basingstoke Town Council.**—Supplies Basingstoke B. (part).

*Sources of Supply (Nature and Sufficiency).*—Well (60 feet), with adits, in Upper Chalk at West Ham. The average daily quantity of water obtained is 428,000 gallons, and a further 372,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Cliddesden (high level), 240,000 gallons; South View (low level), (a) 165,000 gallons, (b) 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 428,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (June 1912) that no exception can be taken to the water. Hardness:—total, 14·7°; permanent, 4·55°. No action on lead.

**Bath Town Council.**—Supplies Bath C.B. (part), and parts of parishes of Bathampton, Batheaston, Swainswick, Weston (Bath R.D.).

*Powers.*—Bath Acts, 1846 and 1870; City of Bath Act, 1851; Bath Corporation Water Act, 1903; Bath Orders, 1875, 1876, 1887, 1888, 1892 and 1899.

*Limits.*—Bath C.B. and parishes of Bathampton, Batheaston, Charlcombe, Swainswick, Weston (Bath R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite and from Midford Sands—(1) Bull's Hill, Whiteway and Monkswood Valleys; (2) Charny Down; (3) Holts Down; (4) Beeks Common; (5) St. Catherine's Valley; (6) Batheaston; (7) Charlcombe; (8) Bathampton Down. The average daily quantity of water available from each source is, respectively, (1) 576,432 gallons; (2) 113,610 gallons; (3) 52,704 gallons; (4) 15,840 gallons; (5) 636,624 gallons; (6) 434,208 gallons; (7) 43,624 gallons; (8) 64,800 gallons.

*Works.*—No filtration. Storage reservoirs:—Monkswood, 51,000,000 gallons; Batheaston, 9,250,000 gallons. Service reservoirs:—Bloomfield, 90,000 gallons; Sham Castle, 18,400 gallons; Beechen Cliff, 101,562 gallons; Cleveland Walks, 161,000 gallons; Lansdown Wood, 19,000 gallons; Royal School, 166,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 1,607,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (24th February 1913) that the water is in every respect satisfactory. Hardness:—Batheaston, 20°; Monkswood, 21°; Oakford, 21·5°. No action on lead.



**Bath Rural District Council.**—Supplies parts of parishes of (1) Bathford; (2) Camerton; (3) Dunkerton; (4) Freshford; (5) Hinton Charterhouse; (6) Monkton Combe; (7) Wellow (Bath R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (3) to (6) Springs from Fullers Earth and clays below Great Oolite or from Lias; (2) Spring from Oolite. The average daily quantity of water derived from each source is, respectively, (1) 9,000 gallons; (2) 2,000 gallons; (3) 500 gallons; (4) 3,000 gallons; (5) 3,000 gallons; (6) 4,000 gallons; (7) 2,200 gallons. A further 4,000 gallons per day could be obtained from (1); 2,000 gallons from (2); 1,228 gallons from (3); 7,800 gallons from (5); 4,640 gallons from (6); and 46,800 gallons from (7).

*Works.*—No filtration. Storage reservoirs:—Bathford Hill, 153,000 gallons; Shoscombe, 50,000 gallons; Red Post, Camerton, 4,000 gallons; Dunkerton Hill, 2,625 gallons; Charterhouse Hinton, 21,000 gallons; Monkton Combe, 15,000 gallons; Wellow, 21,800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory—occasional examination. Hardness, 14·5°. No action on lead.

**Batley Town Council.**—Supplies Batley B., Honley U.D. (part), Thurstonland U.D. (part); and furnishes a supply in bulk to Horbury U.D.C. from (2).

*Powers.*—Batley Corporation Waterworks Acts, 1871 and 1878; Batley Orders, 1885, 1890, and 1896.

*Limits.*—Batley B., Honley U.D., Thurstonland U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Upland gathering ground, 1,600 acres, Holmfirth; (2) supply in bulk from Halifax T.C. (see page 58); (3) supply in bulk from Dewsbury and Heckmondwike Water Board (see page 169). The average daily quantity of water obtained from each source is, respectively, (1) 1,210,000 gallons; (2) 200,000 gallons; (3) 142,500 gallons; and a further 420,000 gallons per day could be obtained from (2) and 357,000 gallons from (3).

*Works.*—No filtration. Storage reservoirs:—Holmfirth, "Ramsden," 86,000,000 gallons; "Riding Wood," 54,000,000 gallons; "Yateholme," 90,000,000 gallons. Service reservoirs:—Staincliffe, 3,500,000 gallons; Thornhill, 600,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,452,500 gallons, and 100,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (February 1912) that the water is organically pure. Hardness (1) 1·8°. Water from (1) liable to act on lead.

**Battle Urban District Council.**—Supplies Battle U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Artesian bore, 293 feet, into the Ashdown Beds, and well, 75 feet, at Pepper in Eye, Battle. The average daily quantity of water available is 41,789 gallons.

*Works.*—No filtration. Storage reservoir:—Calbec Hill, Battle, 75,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 8·05°; permanent, 1·73°. No action on lead; contains oxide of iron.

**Beaminster Rural District Council.**—Supplies part of parish of Beaminster (Beaminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk and Greensand at Beaminster. The average daily quantity of water available is 140,000 gallons.

*Works.*—No filtration. Service reservoir:—Langdon, Beaminster, 75,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but rather hard. No action on lead.

**Beaumaris Town Council (works leased from Sir R. H. Williams Bulkeley, Bart.).**—Supplies Beaumaris B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Small lake, about 10 acres, at Llandegfarn; (2) Gathering ground, about 60 acres, and spring at Beaumaris. The average daily quantity of water available is 60,000 gallons.

*Works.*—Filtration, 540 gallons per square yard per day. Storage reservoir:—Beaumaris, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Not satisfactory—occasional chemical and bacteriological examination. Fairly soft, but no action on lead. Saline.



**Bedale Rural District Council.**—Supplies parts of parishes of Aiskew, Bedale, Rand Grange (Bedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Several springs at Keepers Wood, Bedale. The average daily quantity of water obtained is 44,496 gallons, and a further 31,051 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Aiskew, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional examination. Analyst remarks (3rd March 1911) that chemically the water is excellent. Hardness:—total, 22·5°; permanent, 7·3°. No action on lead.

**Bedford Town Council.**—Supplies Bedford B., parish of Biddenham (part) (Bedford R.D.).

*Powers.*—Bedford Corporation Water Act, 1902.

*Limits.*—Bedford B.

*Sources of Supply (Nature and Sufficiency).*—Wells and headings in Oolite, Bedford. The average daily quantity of water obtained is 1,100,000 gallons.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoir, Hoo Farm, 1,500,000 gallons. Service reservoirs:—Hoo Farm, Clapham Road, (a) 375,000 gallons, (b) 375,000 gallons, (c) 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,100,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and weekly bacteriological examination. Analyst remarks (30th December 1913) that chemically the water is normal, but makes no comment on bacteriological results. Hardness:—total 23·8°; permanent, 8·4°. No action on lead; contains a high proportion of calcium sulphate.

**Bedlingtonshire Urban District Council.**—Supplies Bedlingtonshire U.D. (part).

*Powers.*—Bedlingtonshire Order, 1875; Bedlington Local Board (Water) Act, 1878.

*Limits.*—Bedlingtonshire U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) River Blyth, intake near Bedlington Bridge. Yield not known. (2) Supply in bulk from Tynemouth T.C. (see page 145). The average daily quantity of water obtained is 71,428 gallons.

*Works.*—Filtration 400 gallons per square yard per day, and also pressure filters. Service reservoirs:—Nedderton Village, 9,000 gallons; West End, Bedlington, 760,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 400,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analysis (26th April 1913), no comment. Hardness:—total, 23·3°; permanent, 10·0°. No action on lead.

**Bedwas and Machen Urban District Council.**—Supplies Bedwas and Machen U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous Limestone.

The average daily quantity of water available is 37,500 gallons.

*Works.*—No filtration. Reservoirs:—Tank at Nantyceisiad, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (3rd November 1913) that the water, in its present condition, is not fitted for drinking purposes, but it would be very greatly improved by efficient filtration through sand. Hardness, 2·5°. Action on lead not known.

**Bedwellty Urban District Council.**—Supplies Bedwellty U.D. (part); Gelligaer U.D. (part).

*Powers.*—Bedwellty Urban District Council Act, 1912.

*Limits.*—Bedwellty U.D. (part); and Gelligaer U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Small local springs; (2) Supplies in bulk from (a) Rhymney and Aber Valleys Gas and Water Company (see page 209). (b) Tredegar U.D.C. (see page 144). Yield from (1) not known; the average daily quantity of water obtained from (2) (a) is 80,000 gallons, and (b) 78,000 gallons.

*Works.*—No filtration. Reservoirs:—Small tanks at Bedwellty.

*Quantity of Water supplied.*—Limited.

*Quality of Water.*—Good. Soft, but iron pipes only used.

**Bellingham Rural District Council.**—Supplies parts of parishes of (1) Bellingham and (2) Wark (Bellingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Hareshaw springs on moorland, (b) Target Well from springs on moorland, Bellingham; (2) Coldwell springs, Wark. The average daily quantity of water derived from each source is, respectively,



(1) (a) 53,280 gallons, (b) 9,360 gallons; (2) 32,400 gallons; and a further 27,360 gallons per day could be obtained from (1) (a).

*Works.*—No filtration. Storage reservoirs:—(1) Bellingham, (a) 20,000 gallons, (b) 20,000 gallons; (2) Wark, 13,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—(1) soft; (2) total, 13°; permanent, 6·5°. No action on lead.

**Belper Urban District Council.**—Supplies Belper U.D. (part) and furnishes supplies in bulk to Heage U.D.C., and Belper R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Millstone Grit, The Meadows, Belper; (2) Spring at Springwood, Belper; (3) Spring at Bullsmoor, Belper; (4) Spring at Ladywell, Belper. The average daily quantity of water available from each source is, respectively, (1) 381,370 gallons; (2) 39,360 gallons; (3) 18,720 gallons; (4) 5,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Bessyloan, 400,000 gallons; Springwood, 293,000 gallons; Bullsmoor, 293,000 gallons; Ladywell, 41,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 261,663 gallons and 59,145 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—(1) total 19·14°, permanent 9°; (2) to (4) soft. No action on lead.

**Belper Rural District Council.**—Supplies part of parish of Crich (Belper R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Crich Carr. The average daily quantity of water obtained is 22,500 gallons, and a further 22,500 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 10°. No action on lead.

**Belvoir Rural District Council.**—Supplies part of parish of Knipton (Belvoir R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Knipton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Fairly soft, but iron pipes are used.

**Berwick upon Tweed Town Council.**—Supplies Berwick upon Tweed B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Adit in sandstone, Carboniferous formation, Tweedmouth; (2) Nine Well Eyes and Hope Spring from glacial gravel, Berwick; (3) Well in sandstone, Carboniferous formation, Tweedmouth; (4) Springs from sandstone, Carboniferous formation, Spittal. The average daily quantity of water derived from each source is, respectively, (1) 230,000 gallons; (2) not known; (3) 24,528 gallons; (4) 64,500 gallons.

*Works.*—No filtration. Service reservoirs:—Berwick, 230,000 gallons; Tweedmouth, (a) 3,150 gallons, (b) 1,881 gallons; Spittal, (a) 60,000 gallons, (b) 7,600 gallons, (c) 7,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 340,000 gallons. (1), (3), and (4) intermittent.

*Quality of Water.*—Occasional examination. Analyst remarks (19th October 1910) that chemically the water is quite suitable. Hardness:—(1) 18·2°; (2) Nine Well Eyes, 21·9°, Hope Springs, 17·6°. No action on lead.

**Bethesda Urban District Council.**—Supplies Bethesda U.D. (part), and parish of Llanllechid (part) (Ogwen R.D.).

*Powers.*—Bethesda Improvement Act, 1854; Bethesda Orders, 1875, 1879, 1880, 1882, 1883, 1887, 1892, and 1912.

*Limits.*—Bethesda U.D.

*Sources of Supply (Nature and Sufficiency).*—River Gaseg, intake at Ciltwillan, Bethesda. The average daily quantity of water available is 250,000 gallons.

*Works.*—No filtration. Storage reservoir:—Freithwen, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 98,680 gallons. Supply is constant.

*Quality of Water.*—Good, but hard. No action on lead.



**Bettws y Coed Urban District Council.**—Supplies Bettws y Coed U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—River Llugwy,<sup>\*</sup> intake near Bettws y Coed. The average daily quantity of water available is 80,000 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Liable to pollution. Soft, but no action on lead.

**Beverley Town Council.**—Supplies Beverley B. (part) and part of parish of Molescroft (Beverley R.D.).

*Powers.*—Beverley Waterworks Act, 1881; Beverley Waterworks Order, 1887.

*Limits.*—Beverley B.

*Sources of Supply (Nature and Sufficiency).*—Well, with adit and boring, through Boulder Clay into Chalk, Walkington. The average daily quantity of water obtained is 334,800 gallons, and a further 475,000 gallons per day could be obtained.

*Works.*—Pressure filters. Storage reservoir:—Walkington, 550,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 334,800 gallons. Supply is constant.

*Quality of Water.*—Bi-monthly chemical and bacteriological examination. Analyst remarks (31st December 1913) that the water is excellent. Hardness:—total, 19°; permanent, 3°. No action on lead.

**Bewdley Town Council.**—Supplies Bewdley B. (part), parish of Wribbenhall (part) (Kidderminster R.D.), and furnishes a supply in bulk to Stourport U.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 193 feet, into New Red Sandstone, Blackstone, Wribbenhall. The average daily quantity of water obtained is 160,000 gallons, and a further 85,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Long Bank, Bewdley, 60,000 gallons; Mount Pleasant, Wribbenhall, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 75,000 gallons, and 85,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical examination. Analyst remarks that the water is good. Hardness:—total, 6·4°; permanent, 2·2°. No action on lead.

**Bicester Urban District Council.**—Supplies Bicester U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Borehole in Oolite, Gowell Farm, Bicester. The average daily quantity of water obtained is 41,250 gallons, and a further 150,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Gowell Farm, (a) 30,000 gallons, (b) 17,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 41,250 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (20th February 1911) that the water is quite suitable. Moderately hard. The water contains some iron.

**Biddulph Urban District Council.**—Supplies Biddulph U.D. (part) and part of parish of Horton (Leek R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit:—(1) Biddulph Park; (2) Nettlebeds, Biddulph Moor; (3) Whitemoor. The average daily quantity of water available from each source is, respectively, (1) 225,000 gallons; (2) 60,000 gallons; (3) 10,000 gallons.

*Works.*—No filtration. Reservoirs:—Biddulph Park, 50,000 gallons; Biddulph Moor, 30,000 gallons; Whitemoor, 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 134,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 7°; permanent, 5°. No action on lead.

**Bideford Town Council.**—Supplies Bideford B. (part).

*Sources of Supply (Nature and Sufficiency).*—Upland surface, 153 acres, Gammaton, Bideford. The average daily quantity of water obtained is 135,100 gallons.

*Works.*—Water is filtered. Reservoirs:—Gammaton, (a) 11,877,000 gallons, (b) 15,814,000 gallons. Pressure is insufficient.†

\* Bettws y Coed U.D.C.—On completion of works now in progress for provision of an adequate and pure supply from Elsi Lake, River Llugwy source will be abandoned.

† Bideford T.C.—Auxiliary works are now in course of construction.



*Quantity of Water supplied.*—The daily average is 135,100 gallons. Supply is intermittent.†

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (20th June 1913) that the water is satisfactory. Hardness, 5°. No action on lead.

**Billinge Urban District Council.**—Supplies Billinge U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Old quarry workings underground, Cobmoor, Billinge Hill; (2) Tunnel through sandstone, Billinge Hill; (3) Tunnel, tapping spring, Billinge Hill; (4) Overflow from disused mine workings, Shaley Brow. The average daily quantity of water available from each source is, respectively, (1) 20,000 gallons; (2) 3,000 gallons; (3) 10,000 gallons; (4) 30,000 gallons.

*Works.*—No filtration. Service reservoirs:—Billinge Vicarage, 100,000 gallons; Beacon Farm, 140,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 45,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (May 1913) that the water is good. Hardness, 15·61°. No action on lead.

**Bilston Urban District Council.**—Supplies Bilston U.D. (part), Coseley U.D. (part), and parts of parishes of Himley, Swindon, Trysull and Seisdon, and Wombourn (Seisdon R.D.).

*Powers.*—Bilston Commissioners Water Act, 1893; Bilston Improvement Act, 1896.

*Limits.*—Bilston U.D.; Coseley U.D. (part); and parishes of Himley, Swindon, Trysull and Seisdon, and Wombourn (Seisdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in red sandstone, Wombourn. The average daily quantity of water obtained is 800,000 gallons, and a further 700,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Goldthorn Hill, Penn, 838,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 800,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (1st September 1913) that the water is excellent. Hardness:—total, 18°; permanent, 6·9°. No action on lead; water is saline.

**Bingley Urban District Council.**—Supplies Bingley U.D. (part).

*Powers.*—Bingley Extension and Improvement Act, 1867; Bingley Water and Improvement Act, 1881.

*Limits.*—Bingley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs and overflow from Coppice Pond (fed by springs from sandstone formation), St. Ives Estate, Bingley; (2) Water in sandstone formation, tapped underground, (a) Lees Moor, Cullingworth, (b) Lord's Allotment, Cullingworth; (3) Supply in bulk from Bradford T.C. (see page 22). Yield of (1) and (2) not known; the average daily quantity of water obtained from (3) is 63,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Kettlewell Close, 3,750,000 gallons; Harden Road, 250,000 gallons; Cullingworth, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 2° to 5°. No action on lead.

**Birkenhead Town Council.**—Supplies Birkenhead C.B. (part) and parish of Bidston cum Ford (Wirral R.D.).

*Powers.*—Birkenhead Corporation Acts, 1881, 1890, and 1902; Birkenhead Corporation (Gas and Water) Act, 1881; Birkenhead Corporation Water Act, 1907.†

*Limits.*—Birkenhead C.B. (part) and parish of Bidston cum Ford (Wirral R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and boreholes in New Red Sandstone formation:—(1) Spring Hill, (2) Flaybrick Hill, (3) Borough Road, (4) The Ford, Bidston, (5) Mount Road. The average daily quantity of water derived from each source is, respectively, (1) 1,397,276 gallons, (2) 928,900 gallons, (3) 706,782 gallons, (4) 727,596 gallons, (5) 454,802 gallons. A further 317,010 gallons per day could be obtained from (1); 499,671 gallons from (2); 7,503 gallons from (3); 130,689 gallons from (4).

*Works.*—No filtration. Storage reservoirs:—Greenway Road, Tranmere, (a) 588,550 gallons, (b) 906,692 gallons; Upton Road, 4,666,628 gallons; Balls Road, 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,215,356 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (15th January 1914) that the purity of the water is well maintained. Hardness:—(1) total, 13·6°;

† See † on page 16.

† Birkenhead T.C.—This Act authorises a new source of supply, viz., the Rivers Alwen and Brenig in the County of Denbigh. The works are now under construction.



permanent, 7.3°; (2) total, 9.9°; permanent, 7.3°; (3) total, 14.9°; permanent, 7.3°; (4) total, 29.4°; permanent, 17.2°; (5) total, 12.6°; permanent, 6.6°. No action on lead.

**Birmingham Town Council.**—Supplies Birmingham C.B. (part); Perry Barr U.D. (part); and parts of parishes of Alvechurch, Frankley (Bromsgrove R.D.); Illey (Halesowen R.D.); Bickenhill, Castle Bromwich, Coleshill, Curdworth, Minworth, Sheldon, Water Orton (Meriden R.D.); Llanwrthwl (Rhayader R.D.); Solihull (Solihull R.D.); and furnishes supplies in bulk to Coventry T.C. (see page 41), Meriden R.D.C. and North Warwickshire Water Co. (see page 206).

*Powers.*—Birmingham Corporation (Consolidation) Act, 1883; Birmingham Corporation Water Acts, 1892, 1896, 1902 and 1907; Birmingham Corporation Act, 1905.

*Limits.*—Birmingham C.B.; Perry Barr U.D.; parishes of Wythall (Bromsgrove R.D.); Illey (part) (Halesowen R.D.); Bickenhill, Castle Bromwich, Coleshill, Curdworth, Minworth, Sheldon, Water Orton (Meriden R.D.); Edmdon and Solihull (Solihull R.D.).

*Sources of Supply (Nature and Sufficiency).*—Rivers Elan and Claerwen with gathering ground, 45,562 acres. The average daily quantity of water available from this source is 72,000,000 gallons. The following sources are kept as standbys:—(1) River Bourne, with drainage area 17 square miles; (2) Plant's Brook, with drainage area 12 square miles; wells sunk in New Red Sandstone, under an impermeable layer of clay at (3) Short Heath; (4) Aston (two); (5) Selly Oak; (6) Longbridge. These sources are capable of yielding per day (1) 3,750,000 gallons; (2) 2,500,000 gallons; (3) 2,000,000 gallons; (4) 2,000,000 gallons; (5) 653,000 gallons; (6) 445,000 gallons.

*Works.*—Filtration, 400 gallons per square yard per day. Storage reservoirs:—Caban Coch, 8,000,000,000 gallons; Penygareg, 1,320,000,000 gallons; Craig Goch, 2,000,000,000 gallons; Doly Mynach, 150,000,000 gallons; Frankley, 200,483,132 gallons; Shustoke, Upper, 20,286,505 gallons; Shustoke, Lower, 422,601,176 gallons; Whitacre, 32,303,491 gallons; Plant's Brook (a) 27,153,219 gallons, (b) 3,795,387 gallons, (c) 2,133,632 gallons. Service reservoirs:—Frankley, 8,063,100 gallons; Warley, 1,262,357 gallons; Northfield, 1,349,270 gallons; Erdington, 11,846,999 gallons; Hagley Road, 6,505,742 gallons; Monument Road, 4,147,814 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,507,000 gallons and 1,198,405 gallons in bulk. Supply is constant.

*Quality of Water.*—Pure—monthly chemical and bacteriological examination. Hardness, 3.5°. Acts slightly on lead and is treated with chalk.

**Bishop Auckland Urban District Council.**—Supplies Bishop Auckland U.D. and part of parish of Auckland St. Andrew (Auckland R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Gravel beds by the River Wear, Bishop Auckland; (2) supply in bulk from Weardale and Consett Water Company (see page 223). The average daily quantity of water derived from each source is, respectively, (1) 379,000 gallons, (2) 8,000 gallons. An unlimited quantity could be obtained from (1), and a further 42,000 gallons per day from (2).

*Works.*—Filtration, 200 gallons per square yard per day. Storage reservoir:—Etherley Lane, 375,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 387,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (21st July 1913) that no exception can be taken to the water. Hardness:—total, 6.44°; permanent, 2.94°. No action on lead.

**Bishop's Castle Town Council.**—Supplies Bishop's Castle B. (part).

*Sources of Supply (Nature and Sufficiency).*—Upland surface streams, Maesgwyn and Driboethwm, with 550 acres of moorland, Mainstone. The average daily quantity of water obtained is 28,000 gallons, and a further 32,000 gallons per day could be obtained.

*Works.*—Filtration, 700 gallons per square yard per day. Storage reservoir:—Maesgwyn, Mainstone, 300,000 gallons. Service reservoir:—Cabin, Bishop's Castle, 84,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 28,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 3.92°. No action on lead.

**Bishop's Stortford Urban District Council.**—Supplies Bishop's Stortford U.D. (part).

*Powers.*—Bishop's Stortford Water Act, 1869.

*Limits.*—Bishop's Stortford U.D.

*Sources of Supply (Nature and Sufficiency).*—Two wells, 164 feet, connected by adits in chalk formation, Bishop's Stortford. The average daily quantity of water obtained is 182,045 gallons, and a further 825,955 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Bishop's Stortford, (a) 300,000 gallons; (b) 145,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 182,045 gallons. Supply is constant.  
*Quality of Water.*—Good. Hardness:—total, 26·6°; permanent, 5·0°. No action on lead.

**Blackburn Town Council.**—Supplies Blackburn C.B. (part), parts of parishes of Billington, Clayton le Dale, Livesey, Pleasington, Ramsgreave, Salesbury, Wilpshire (Blackburn R.D.); and furnishes supplies in bulk to Clitheroe R.D.C. and Lancashire Asylums Board, who furnish a supply to J. R. Aspinall, Esq., for part of parish of Little Mitton, Henthorn, and Coldcoats (Clitheroe R.D.).

*Powers.*—Blackburn Improvement Act, 1854; Blackburn Waterworks Acts, 1861 and 1875; Blackburn Borough Gas Water and Extension Act, 1877; Blackburn Improvement Act, 1879; Blackburn Water Act, 1885; Blackburn Order, 1889; Blackburn Corporation Acts, 1892 and 1908; Blackburn Corporation (Tramways, &c.) Act, 1898; Blackburn Corporation Water Act, 1911.

*Limits.*—Blackburn C.B.; Oswaldtwistle U.D.; parishes of Billington, Livesey, Mellor, Pleasington, Ramsgreave, Wilpshire, Witton (Blackburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Gathering ground of 6,820 acres in Whitendale and Brennand, the valley of the River Dunsop, about 20 miles from Blackburn. The average daily quantity of water obtained is 3,581,950 gallons, and a further 17,392,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Revidge, 3,500,000 gallons; Fish More, 310,000,000 gallons; Guide, 87,000,000 gallons; Audley, 13,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,578,540 gallons and 3,410 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (13th December 1913) that there is no evidence of pollution. Hardness:—total, 1·4°; permanent, 0·21°. No action on lead.

**Blackrod Urban District Council.**—Supplies Blackrod U.D. (part), and furnishes supplies in bulk to Adlington U.D.C., Horwich U.D.C. (see page 67), and Wigan R.D.C., who furnish a supply in bulk to Aspull U.D.C.

*Powers.*—Blackrod Local Board Act, 1876.

*Limits.*—Blackrod U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Tunnel, Brownlows Springs; (2) Tunnel, Harpers Springs; (3) Upland gathering ground of 73 acres, Wildersmoor; (4) Upland gathering ground of 74½ acres, Brownlows. The average daily quantity of water available from each source is, respectively, (1) 60,000 gallons; (2) 40,770 gallons; (3) 126,000 gallons; (4) 86,190 gallons.

*Works.*—No filtration. Reservoir:—Deane, Horwich, 19,182,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,300 gallons and 130,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 4·7°; permanent, 4·4°. No action on lead.

**Blaenavon Urban District Council.**—Supplies Blaenavon U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1), (2), (3), (4), (5) Springs from Millstone Grit; (6) Edmund's Spring from Millstone Grit; (7) Bunkers Spring from Millstone Grit; (8) Forge Side Spring from Coal Measures. The average daily quantity of water available from each source is, respectively, (1) 65,940 gallons; (2) 44,290 gallons; (3) 99,690 gallons; (4) 10,080 gallons; (5) 87,930 gallons; (6) 31,340 gallons; (7) 18,000 gallons; (8) 23,240 gallons.

*Works.*—Water is filtered. Reservoirs:—Bunker's Tank, 60,500 gallons; Elgam Farm, 750,000 gallons (effective capacity, 260,000 gallons); Llanover Road, (a) 1,000,000 gallons, (b) 2,000,000 gallons; Forge Side, 1,500,000 gallons (effective capacity, 600,000 gallons). Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 240,000 gallons. Supply is constant.

*Quality of Water.*—Generally good. Hardness:—Bunker's Tank, 8·3°; Elgam Farm, 2·1°; Llanover Road, 2·5°; Forge Side, 2·1°. The water acts on lead, but is not treated; contains some iron.

**Bletchley Urban District Council.**—Supplies Bletchley U.D. (part), and parts of parishes of Great Brickhill, Little Brickhill, Walton, Woughton on the Green, (Newport Pagnell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Lower Greensand at Great Brickhill; (2) Well in Lower Greensand at Sandhouse, Heath and Reach. The average

\* Blaenavon U.D.C.—A new service reservoir (508,700 gallons) is about to be provided, the existing works improved, and Elgam Farm reservoir abandoned.



daily quantity of water derived from each source is, respectively, (1) 10,000 gallons; (2) 120,000 gallons; and a further 65,000 gallons per day could be obtained from (1) and 120,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Great Brickhill, 100,000 gallons; Little Brickhill, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 130,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—(1) 6.1°; (2) 10.6°. Acts on lead, but lead pipes are not allowed. Water from source (2) contains some iron.

**Blyth Urban District Council.**—Supplies Blyth U.D. (part).

*Powers.*—Blyth Order, 1875.

*Limits.*—Blyth U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Healey Wood Springs, Hepscott; (2) Hepscott Pit; and supplies in bulk from (3) Newcastle and Gateshead Water Company (see page 204); (4) Tynemouth T.C. (part through Cramlington U.D.C.) (see page 145). The average daily quantity of water derived from each source is, respectively, (1) 60,000 gallons; (2) 300,000 gallons; (3) 267,000 gallons; (4) 16,500 gallons.

*Works.*—Filtration of (1) and (2), 525 gallons per square yard per day. Reservoirs:—Hepscott, 3,500,000 gallons; Bebside, (a) 220,000 gallons; (b) 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 643,500 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (2nd December 1913) that chemically the water is suitable for drinking. Hardness:—(1) 20.4°; (2) 21.9°. No action on lead.

**Bodmin Rural District Council.**—Supplies part of parish of St. Winnow (Bodmin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Bridgend. The average daily quantity of water available is 50,000 gallons.

*Works.*—No filtration. Reservoir:—Bridgend, 500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good and soft. No action on lead.

**Bollington Urban District Council.**—Supplies Bollington U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Boreholes, (1) 210 feet, at Lowerhouse, Rainow; (2) 426 feet, at Dane Bent, Rainow. The average daily quantity of water available from each source is, respectively, (1) 70,000 gallons; (2) 90,000 gallons.

*Works.*—No filtration. Service reservoirs:—Lowerhouse, 100,000 gallons; Dane Bent, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 75,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (8th April 1911) that the water is satisfactory. Hardness:—(1) total 3.33°, permanent 1.93°; (2) total 4.66°, permanent nil. No action on lead. Water from source (1) contains sulphate of lime and (2) sodium carbonate.

**Bolton Town Council.**—Supplies Bolton C.B. (part), Farnworth U.D. (part), Kearsley U.D. (part), Little Hulton U.D. (part), Turton U.D. (part), Westhoughton U.D. (part), and Worsley U.D. (part), parishes of Clifton (part) (Barton upon Irwell R.D.), Ainsworth (part) (Bury R.D.); and furnishes supplies in bulk to Aspull U.D.C., Atherton U.D.C. and Westhoughton U.D.C.

*Powers.*—Bolton Improvement Acts, 1854, 1861, 1864, 1865, 1872, 1877, and 1882; Bolton Orders, 1888, No. 2, 1894, 1899, and 1904; Bolton Corporation Act, 1905.

*Limits.*—Bolton C.B.; Farnworth U.D.; Kearsley U.D.; Little Hulton U.D.; Turton U.D.; Westhoughton U.D. (part); and Worsley U.D. (part); parishes of Clifton (Barton upon Irwell R.D.); Ainsworth (Bury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Millstone Grit, Turton; (2) Tunnel in Millstone Grit and gathering ground, 429 acres, in Bolton; (3) Upland surfaces: (a) 2,160 acres in Turton and Darwen; (b) 700 acres in Turton and Bolton. The average daily quantity of water available from each source is, respectively, (1) 70,000 gallons; (2) 538,000 gallons; (3) (a) 5,000,000 gallons, (b) 1,218,000 gallons.

*Works.*—Filtration, 350 gallons per square yard per day, and also pressure filters. Storage reservoirs:—Crowthorne, 3,500,000 gallons; High Rid, 130,000,000 gallons; Entwistle, 762,000,000 gallons; Springs, 134,000,000 gallons; Dingle, 79,000,000 gallons. Service reservoirs:—Sweetloves, 90,000,000 gallons; Heaton, 91,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,396,734 gallons and 370,000 gallons in bulk. Supply is constant.



*Quality of Water.*—Pure—weekly chemical and bacteriological examination. Hardness:—(2) total 3·32°, permanent 2·01°; (3) (a) total 3·5°, permanent 2·27°; (b) total 2·1°, permanent 1·57°. Water from source (3) (b) acts on lead and is treated with carbonate of lime.

**Bonsall Urban District Council.**—Supplies Bonsall U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from basalt, Manor Farm; (2) Springs from limestone, Boiling Pot; (3) Springs from basalt, Uppertown Town. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Manor Farm, 15,000 gallons; Bye Way Lane, 10,000 gallons; Well Head, 12,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 18,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness not known. No action on lead.

**Bootle Rural District Council.**—Supplies parts of parishes of (1) Bootle, (2) Drigg and Carleton, Irton with Santon, Seascale, (3) Whicham (Bootle R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (3) Springs on mountain side; (2) Stream. Yield not known.

*Works.*—No filtration. Reservoirs:—Bootle Fell and Kiln Bank Estate; capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent. Hardness:—(1) 2°; (2) 0·5°; (3) 2·5°. No action on lead; (1) is slightly saline.

**Bourne Rural District Council.**—Supplies parts of parishes of (1) Corby, (2) Couthorpe, Creeton, (3) Morton (Bourne R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Enclosed springs; (3) artesian well. The average daily quantity of water derived from each source is, respectively, (1) 15,000 gallons; (2) 3,000 gallons; (3) 12,000 gallons. A further 10,000 gallons per day could be obtained from (1), 47,000 gallons from (2), and 188,000 gallons from (3).

*Works.*—Filtration at (1) only, 375 gallons per square yard per day. Reservoirs:—Irnham Road, Corby, 18,000 gallons; Couthorpe, 240 gallons. Pressure, (1) and (3) sufficient; (2) insufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very good, but hard. No action on lead.

**Brackley Town Council.**—Supplies Brackley B. (part).

*Sources of Supply (Nature and Sufficiency).*—Two wells, 220 feet, sunk through Oolites and Upper Lias to Marlstone, Manor Road. The average daily quantity of water obtained is 55,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Manor Road, 125,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 55,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (7th October 1907) that the water is organically pure. Moderately hard and no action on lead. Saline.

**Brackley Rural District Council.**—Supplies part of parish of Newbottle (Brackley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Newbottle. The average daily quantity of water obtained is 2,520 gallons and a further 900 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Charlton, 6,955 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but hard. No action on lead.

**Bradfield Rural District Council.**—Supplies part of parish of Stratfield Mortimer (Bradfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Bore, 255 feet, through clay to Chalk and Reading Beds, at Stratfield Mortimer. The average daily quantity of water available is 50,000 gallons.

*Works.*—No filtration. Reservoir:—Tank at Stratfield Mortimer, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (28th January 1914) that the water is satisfactory. Hardness:—total, 14·1°; permanent, 5·2°. No action on lead.



**Bradford Town Council.**—Supplies Bradford C.B.; Calverley U.D. (part); Denholme U.D. (part); Liversedge U.D. (part); Shelf U.D. (part); parish of Burnsall (part) (Skipton R.D.); and furnishes supplies in bulk to Bingley U.D.C. (*see* page 17); Birkenshaw U.D.C.; Birstal U.D.C.; Calverley U.D.C.; Clayton U.D.C.; Cleckheaton U.D.C., who also supplies part of parish of Clifton (Halifax R.D.); Drighlington U.D.C.; Farsley U.D.C., who also supplies Pudsey B. (part); Gildersome U.D.C.; Gomersal U.D.C.; Hunsworth U.D.C.; Pudsey T.C.; Queensbury U.D.C., who also supplies part of Clayton U.D.; Addingham Waterworks Company, who supplies part of parish of Addingham (Skipton R.D.); and Shelf Waterworks Company, who supplies part of Shelf U.D. Also to Silsden U.D.C. when necessary (*see* page 130).

*Powers.*—Bradford Corporation Waterworks Acts, 1854, 1858, 1890, and 1892; Bradford Corporation Waterworks Act Amendment Act, 1855; Bradford Waterworks Acts, 1854, 1862, and 1869; Bradford Corporation Acts, 1866, 1900, 1903, 1910, and 1913; Bradford Waterworks and Improvements Acts, 1868, 1875, 1878, 1881, and 1885; Bradford Improvement Act, 1873; Bradford Order, 1886; Bradford Tramways and Improvement Act, 1897.

*Limits.*—Bradford C.B.; Bingley U.D.; Birkenshaw U.D.; Birstal U.D.; Calverley U.D.; Clayton U.D.; Cleckheaton U.D.; Denholme U.D.; Drighlington U.D.; Farsley U.D.; Gildersome U.D.; Gomersal U.D.; Hunsworth U.D.; Liversedge U.D.; Pudsey B.; Queensbury U.D.; Shelf U.D.; Shipley U.D.; and Silsden U.D.; parishes of Morton (Keighley R.D.), Addingham, Burnsall and Draughton (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Drainage areas and streams:—(1) Valleys of Rivers Aire and Wharfe; (2) Valleys of Denholme Beck and River Worth; (3) Valleys of Rivers Nidd and Stone. The average daily quantity of water derived from each source is, respectively, (1) 6,500,000 gallons; (2) 2,500,000 gallons; (3) 7,000,000 gallons. A further 4,000,000 gallons per day could be obtained from (1); 500,000 gallons from (2); and 13,000,000 gallons from (3).

*Works.*—Filtration: (1) 450 gallons, (2) 510 gallons, (3) 620 gallons per square yard per day. Reservoirs, *Low Level*:—Barden, Upper, 464,687,000 gallons; Barden, Lower, 483,404,000 gallons; Chelker, 228,582,000 gallons; Heaton, 33,891,000 gallons; Calverley, 751,500 gallons; *High Level*:—Thornton Moor, 175,000,000 gallons; Stubden, 93,184,000 gallons; Horton Bank, 160,000,000 gallons; Brayshaw, 57,000,000 gallons; Chellow Heights, 32,000,000 gallons; Idle Hill, 5,500,000 gallons; Daisy Hill, 2,201,000 gallons; Hartshead Moor, 845,000 gallons; Owl Cotes, Pudsey, 751,500 gallons; *Old Works*:—Chellow Dean, Upper 45,248,000 gallons, Lower 31,061,000 gallons; Whetley Hill, 4,551,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 14,550,000 gallons and 1,450,000 in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (20th November 1911) that the water is pure. Hardness:—2·4° to 4·9°. No action on lead.

**Bradford on Avon Urban District Council.**—Supplies Bradford on Avon U.D. (part) and part of parish of Bradford Without (Bradford on Avon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells, with adits, supplied by springs from Oolite formation at Avoncliff and Avoncliff Lane. The average daily quantity of water obtained is 98,000 gallons.

*Works.*—Filtration, 307 gallons per square yard per day. Service reservoir, Winsley Road, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 98,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (20th April 1911) that the water is satisfactory. Hardness, 19·5°. No action on lead.

**Bradford on Avon Rural District Council.**—Supplies part of parish of Westwood (Bradford on Avon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Great or Bath Oolite under Forest Marble and Bradford Clay, at Westwood. The average daily quantity of water available is 5,000 gallons.

*Works.*—No filtration. Reservoir:—Tank at Westwood, 21,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,580 gallons. Supply is constant.

*Quality of Water.*—Very good and fairly hard.

**Brailes Rural District Council.**—Supplies parts of parishes of (1) to (4) Brailes, (5) Ilmington, (6) Long Compton, (7) Stretton on Fosse (Brailes R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in (1) "Park"; (2) Hobbs Hole; (3) Tashbroke Farm; (4) Brailes Hill; (5) Wedgnock; (6) Coombs; (7) on the property of Baldwin's Trustees. The average daily quantity of water derived from



each source is, respectively, (1) 1,000 gallons; (2) 500 gallons; (4) 550 gallons; (5) 6,650 gallons; yield of (3), (6) and (7) not known.

*Works.*—No filtration. *Reservoirs.*—(1) "Park," 1,200 gallons; (2) Tank at Hobbs Hole, 800 gallons; (4) Manley's Orchard, 300 gallons; Tanks at (5) Wedgcock and (6) Coombs, capacities not known; (7) Jarrett's Orchard, 1,200 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but fairly hard. No action on lead.

**Braintree Urban District Council.**—Supplies Braintree U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Two wells in Chalk, Pods Brook Valley. The average daily quantity of water obtained is 123,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—No filtration. *Service reservoirs.*—Coggeshall Road (a) 40,000 gallons, (b) 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 123,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (26th January 1912) that the water is excellent. Hardness:—total, 16°; permanent, 0·6°. No action on lead; slightly saline.

**Braintree Rural District Council.**—Supplies parts of parishes of (1) Bocking, (2) Feering, Great Coggeshall, Kelvedon, and Little Coggeshall (Braintree R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep wells in Chalk (1) Bocking, (2) Coggeshall. The average daily quantity of water derived from each source is, respectively, (1) 22,100 gallons, (2) 288,000 gallons.

*Works.*—No filtration. *Reservoirs.*—(1) High Garrett, Bocking, 64,000 gallons; (2) Colne Road, Great Coggeshall, 65,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent. (1) Fairly soft, (2) very soft and is saline. No action on lead.

**Brampton Rural District Council.**—Supplies parts of parishes of (1) Brampton, (2) Cumwhitton, (3) Farlam, Midgeholme, (4) Upper Denton (Brampton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Glazier Spring at Brampton; (2) Springs at Cumwhitton; (3) Springs at Farlam; (4) Springs at Upper Denton. The average daily quantity of water derived from each source is, respectively, (1) 50,000 gallons; (2) 2,000 gallons; (3) 20,000 gallons; (4) 2,000 gallons. A further 40,000 gallons per day could be obtained from (3), and 3,000 gallons from (4).

*Works.*—Water is filtered. *Reservoirs*\*:—Catgallows Hill, 97,000 gallons; Farlam, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample, except (2).

*Quality of Water.*—Good, but hard. No action on lead.

**Brandon Rural District Council.**—Supplies part of parish of Brandon (Brandon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well at Thetford Road. The average daily quantity of water obtained is 25,500 gallons, and a further 17,000 gallons per day could be obtained.

*Works.*—No filtration. *Service reservoir* at Thetford Road, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 10·6°. Iron pipes are used.

**Branston Rural District Council.**—Supplies parts of parishes of (1) Dunston, (2) Potter Hanworth (Branston R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Upper Lias at Dunston; (2) Well in Lower Oolite at Potter Hanworth. The average daily quantity of water derived from each source is, respectively, (1) 3,500 gallons; (2) 6,075 gallons. A further 2,260 gallons per day could be obtained from (1), and 18,000 gallons from (2).

*Works.*—No filtration. *Service reservoirs.*—Dunston, 400 gallons; Potter Hanworth, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good, but fairly hard. No action on lead.

\* Brampton R.D.C. also possess the following reservoirs for the supply obtained by them in bulk from Carlisle T.C.:—Garthhead, 96,000 gallons; Bleaberry Bent, 10,000 gallons; Couran, 72,000 gallons.



**Brecknock Town Council.**—Supplies Brecknock B.

*Sources of Supply (Nature and Sufficiency).*—Small brook, Cwm Llwh. The average daily quantity of water obtained is 270,000 gallons.

*Works.*—Filtration, 562 gallons per square yard per day. Reservoirs:—Baili helig Road (1) Storage 1,000,000 gallons, (2) Service 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 270,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (November 1913) that the water is good. Hardness, 3°. No action on lead.

**Brecknock Rural District Council.**—Supplies parts of parishes of (1) Llanddetty, Llanfeigan, (2) Llandefaelogfach, (3) and (4) Llanfeigan, (5) Llanfillo, (6) Llanfrynach, (7) Llangasty Talyllyn, (8) Llangorse, (9) and (10) Maescar (Brecknock R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at foot of Torfoel Mountain; (2) Spring from red sandstone near Pwllgloyw, (3) Spring at Coitybach Farm; (4) Springs at Pentwyn Farm; (5) Spring from red sandstone at Llanfillo; (6) Springs at Llanbrynean Farm; (7) Spring at Brynllici Farm; (8) Springs at Tynewydd Farm; (9) Springs at Cwmllywog Farm; (10) Cwmclydach Stream. The average daily quantity of water derived from each source is, respectively, (1) 7,500 gallons; (2) 2,160 gallons; (3) 2,000 gallons; (4) 3,000 gallons; (5) 1,000 gallons; (6) 9,000 gallons; (7) 1,000 gallons; (8) 10,000 gallons; (9) 2,000 gallons; (10) 12,000 gallons; and a further 20,000 gallons per day could be obtained from (10).

*Works.*—Filtration at (9) only, 400 gallons per square yard per day. Service reservoirs:—(1) Graiglas, 5,000 gallons, Upper Wenallt, 1,000 gallons; (2) Pwllgloyw, 525 gallons; (3) Coitybach, 600 gallons; (4) Pentwyn, 1,000 gallons; (5) Llanfillo, 875 gallons; (6) Llanbrynean, 4,000 gallons; (7) Brynllici, 600 gallons; (8) Tynewydd, 4,000 gallons; (9) Cwmllywog, 11,000 gallons; (10) Cwmclydach, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample, except (3) and (7).

*Quality of Water.*—Good. Generally soft, but no action on lead.

**Bridgnorth Town Council.**—Supplies Bridgnorth B. (part), and parts of parishes of Oldbury and Worfield (Bridgnorth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Severn, intake at Bridgnorth; (2) Spring at Bridgnorth. The average daily quantity of water derived from each source is, respectively, (1) 240,000 gallons, (2) 60,000 gallons, and an unlimited supply could be obtained from (1).

*Works.*—Pressure and sand filters. Storage reservoir:—Bromley Hill, 247,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (12th April 1912) that the water is very good. Hardness, 16°. No action on lead.

**Bridgwater Town Council.**—Supplies Bridgwater B. (part), and parts of parishes of Bridgwater Without, Cannington, Chilton Trinity, Durleigh and Wembdon (Bridgwater R.D.).

*Powers.*—Bridgwater (Corporation) Water Act, 1877.

*Limits.*—Bridgwater B., parishes of Bridgwater Without (part), Cannington, Charl-inch, Chilton Trinity (part), Durleigh, Spaxton, and Wembdon (Bridgwater R.D.).

*Source of Supply (Nature and Sufficiency).*—Stream (Cockercombe and Seven Wells, Combe) at Ashford Mills. Yield not known.

*Works.*—Filtration, 908 gallons per square yard per day. Service reservoir at Wembdon Hill, 690,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 430,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (26th August 1913) that the water is well suited for drinking. Hardness:—total, 9.5°. No action on lead.

**Bridgwater Rural District Council.**—Supplies parts of parishes of (1) Bawdrip, Bridgwater Without, Chedzoy, Chilton Trinity, Chilton upon Polden, Cossington, Huntspill, Middlezoy, North Petherton, Othery, Pawlett, Puriton, St. Michael Church, Westonzoyleland, and (2) Nether Stowey and Woolavington (Bridgwater R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Deep trenches filled with large stones, about 12 feet below the plane of saturation, in New Red Sandstone, at Willoughby, Broomfield; (2) Wells in Devonian rocks. The average daily quantity of water available from (1) is 273,000 gallons; yield of (2) not known.



*Works.*—No filtration. Service reservoirs:—Willoughby, 60,000 gallons; Nether Stowey, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (May 1911) that chemically the water from (1) is good, but bacteriologically there is slight temporary contamination, and that (2) is a good potable water. Hardness:—(1) total, 7.0°; permanent, nil; (2) total, 1.96°; permanent, nil. No action on lead; (2) contains sodium carbonates.

**Bridlington Town Council.**—Supplies Bridlington B. (part), and furnishes a supply in bulk to A. G. W. Wright, Esq., who supplies part of parish of Bessingby (Bridlington R.D.).

*Powers.*—Bridlington Water Act, 1895; Bridlington Order, 1908.

*Limits.*—Bridlington B.

*Source of Supply (Nature and Sufficiency).*—Well, 192 feet in Chalk at Bridlington. The average daily quantity of water available is 960,000 gallons.

*Works.*—No filtration. Service reservoir:—Pumping Station, 1,330,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 506,000 gallons, and 3,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (19th August 1911) that the water is excellent. Hardness:—total, 15.2°; permanent, 2.1°. No action on lead.

**Bridlington Rural District Council.**—Supplies part of parish of Flamborough (Bridlington R.D.).

*Source of Supply (Nature and Sufficiency).*—Deep well, 220 feet, in Chalk near Flamborough. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoir:—Flamborough, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—total, 21.0°; permanent 1.5°. No action on lead.

**Bridport Rural District Council.**—Supplies parishes of (1) Askerswell (part), (2) Catherston Leweston, and (3) Charmouth (Bridport R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Springhead; (2) and (3) Springs from Greensand. The average daily quantity of water obtained is 15,120 gallons.

*Works.*—No filtration. Service reservoir:—Charmouth, 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—annual chemical examination. Hardness not known. No action on lead.

**Brighouse Town Council.**—Supplies Brighouse B. (part).

*Powers.*—Brighouse Corporation Act, 1895.

*Limits.*—Brighouse B.

*Sources of Supply (Nature and Sufficiency).*—(1) Springs with gathering ground, 13½ acres, Rastrick, Fixby; (2) Supply in bulk from Halifax T.C. (see page 58). The average daily quantity of water derived from each source is, respectively, (1) 34,000 gallons, (2) 482,961 gallons.

*Works.*—No filtration. Storage reservoir:—Lands Rastrick, Fixby, 350,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 516,961 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness 8°. No action on lead.

**Brightlingsea Urban District Council.**—Supplies Brightlingsea U.D. (part).

*Powers.*—Brightlingsea Water Order, 1889.

*Limits.*—Brightlingsea U.D.

*Sources of Supply (Nature and Sufficiency).*—Two bores, 300 feet, in Chalk at Brightlingsea. The average daily quantity of water obtained is 52,500 gallons, and a further 180,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Iron tank, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 52,500 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (16th December 1913) that the water is excellent. Hardness:—total 24°, permanent 0.7°. No action on lead.



**Brighton Town Council.**—Supplies Brighton C.B.; Hove B.; Portslade by Sea U.D.; Shoreham by Sea U.D. (part); Southwick U.D. (part); parishes of Falmer (part), Ovingdean, Rottingdean (Newhaven R.D.); Hangleton, Patcham (part) Portslade, Preston Rural, West Blatchington (Steyning East R.D.); Lancing (part) Old Shoreham, (Steyning West R.D.); and furnishes supplies in bulk to Cuckfield R.D.C., Newhaven R.D.C., and the Earl of Chichester, who supplies the parish of Stanmer (Newhaven R.D.).

*Powers.*—Brighton Corporation Waterworks Acts, 1872 and 1883; Brighton Corporation Water Act, 1896; Brighton Corporation Act, 1900.

*Limits.*—Brighton C.B., Hove B., Portslade by Sea U.D., Shoreham by Sea U.D., Southwick U.D.; parishes of Falmer, Ovingdean, Rottingdean (Newhaven R.D.); Hangleton, Patcham, Portslade, Preston Rural, West Blatchington (Steyning East R.D.); Lancing, and Old Shoreham (Steyning West R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and spring in Upper Chalk at (1) Falmer, (2) Goldstone, (3) Mile Oak, (4) Patcham, (5) Shoreham. The average daily quantity of water derived from each source is, respectively, (1) 1,830,000 gallons, (2) 1,910,000 gallons, (3) 915,000 gallons, (4) 1,090,000 gallons, (5) 618,000 gallons.

*Works.*—No filtration. Service reservoirs:—Shoreham, (a) 80,000 gallons, (b) 80,000 gallons; Aldrington, 500,000 gallons; Red Hill, Patcham, 503,102 gallons; Patcham, (a) 941,358 gallons, (b) 495,245 gallons; Goldstone, Hove, (a) 1,500,000 gallons, (b) 600,000 gallons; Nunnery, The Drive, Hove, 1,000,000 gallons; Dyke Road, Brighton, 1,133,910 gallons; Lewes Road, Brighton, 1,000,000 gallons, Islingwood Road, Brighton, 2,000,000 gallons; Park Road, Brighton, 600,000 gallons; White Hawk, Chalk Lane, Brighton, 500,000 gallons; Race Hill, Brighton, 600,000 gallons; Lancing, 100,000 gallons; Falmer, 553,000 gallons; Portslade, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,354,700 gallons, and 8,300 gallons in bulk. Supply is constant.

*Quality of Water.*—Very pure—monthly chemical and bacteriological examination. Hardness:—(1) total 15·9°, permanent 2·9°; (2) total 14·7°, permanent 3·6°; (3) total 14·5°, permanent 3·0°; (4) total 13·7°, permanent 3·8°; (5) total 14·5°, permanent 2·9°. No action on lead.

**Briton Ferry Urban District Council.**—Supplies Briton Ferry U.D. (part), and part of parish of Baglan Lower (Neath R.D.).

*Powers.*—Briton Ferry Urban District Council Act, 1908.

*Limits.*—Briton Ferry U.D., and parish of Baglan Lower (Neath R.D.).

*Source of Supply (Nature and Sufficiency).*—Gathering ground 240 acres, Panthowelldn Goetref and Cefn Court Mountain. The average daily quantity of water obtained is 255,780 gallons, and a further 97,710 gallons per day could be obtained.

*Works.*—Filtration, 900 gallons per square yard per day. Storage reservoir:—Cefn Court, 33,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 255,780 gallons. Supply is constant.

*Quality of Water.*—Chemical and bacteriological examination thrice yearly. Analyst remarks (1st December 1913) that chemically the water shows no evidence of contamination and bacteriologically it is satisfactory. Hardness, 2·3°. No action on lead.

**Brixham Urban District Council.**—Supplies Brixham U.D. (part), and part of parish of Churston Ferrers (Totnes R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Ladywell and St. Mary's Well in limestone and shale, Higher Brixham; (2) Supply in bulk from Paignton U.D.C. (see page 107). The average daily quantity of water derived from each source is, respectively, (1) 115,000 gallons, (2) 75,000 gallons; a further 115,000 gallons per day could be obtained from (1) and 125,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—Ladywell, 375,000 gallons; Hillhead, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 190,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analysis (26th November 1913) no comment. Hardness:—total, 0·5°; permanent, 0·5°. No action on lead.

**Brixworth Rural District Council.**—Supplies parts of parishes of (1) East Haddon and (2) Great Creaton (Brixworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Upland surfaces at East Haddon and Great Creaton. The average daily quantity of water obtained from (1) is 4,000 gallons; yield of (2) not known.

*Works.*—No filtration. Reservoir:—(1) tower at East Haddon, 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) Sufficient, (2) ample.

*Quality of Water.*—Good. Hardness not known. No action on lead.



**Broadstairs and St. Peter's Urban District Council.**—Supplies Broadstairs and St. Peter's U.D. and part of parish of Garlinge (Isle of Thanet R.D.).

*Powers.*—Broadstairs and St. Peter's Water and Improvement Act, 1901; Broadstairs and St. Peter's Urban District Water Act, 1907; Broadstairs and St. Peter's Urban District Council Act, 1913.

*Limits.*—Broadstairs and St. Peter's U.D., and part of parish of Garlinge (Isle of Thanet R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Deep wells in Chalk, St. Peter Extra; (2) Supply in bulk from Margate T.C. (see page 90). The average daily quantity of water derived from each source is, respectively, (1) 256,041 gallons, (2) winter 11,288 gallons, summer 53,844 gallons. A further 50,000 gallons per day could be obtained from (1) and an unlimited supply from (2).

*Works.*—Water is filtered. Storage reservoirs:—Rumfields tanks (a) 70,000 gallons, (b) 40,000 gallons; Crampton Tower, Broadstairs, 66,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 281,451 gallons. Supply is constant.

*Quality of Water.*—Weekly chemical and quarterly bacteriological examination. Analyst remarks (December 1913) that the water is chemically satisfactory and of a high degree of bacterial purity. Hardness:—total, 21.9° (after softening 8°); permanent, 3.9°. No action on lead.

**Bromyard Urban District Council.**—Supplies Bromyard U.D. (part), and parts of parishes of Avenbury and Winslow (Bromyard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Three springs, intercepted underground, from red sandstone at Buckenhill, Bromyard. The average daily quantity of water obtained is 14,000 gallons, and a further 33,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Quarry Meadow, Bromyard, 100,000 gallons. Service reservoirs:—Flaggoner's Green, (a) 20,000 gallons; (b) tower, 800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 14,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analysis (5th January 1914) no comment. Hardness, 20°. No action on lead.

**Brumby and Frodingham Urban District Council.**—Supplies Brumby and Frodingham U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Well in Inferior Oolite limestone at Appleby. The average daily quantity of water available is 95,000 gallons.

*Works.*—Water is filtered and softened. Storage reservoir—Appleby, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Good—half-yearly bacteriological examination. Hardness, 34°. No action on lead. Highly charged with calcium salts.

**Brynmawr Urban District Council.**—Supplies Brynmawr U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Upland surface, 200 acres on Cirn Mountain, about one mile from town. Yield not known.

*Works.*—Filtration, 120 gallons per square yard per day. Storage reservoir:—Cirn Mountain, 11,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,000 gallons. Supply is constant.

*Quality of Water.*—Good. Very soft, but no action on lead.

**Buckfastleigh Urban District Council.**—Supplies Buckfastleigh U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Upland surface, 3 acres (water collected underground on a granitic gravel bed) at Lambsdown, Buckfastleigh. The average daily quantity of water obtained is 40,000 gallons, and a further 15,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Wallaforde Hill, Buckfastleigh, 275,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. Action on lead not known.

**Buckingham Town Council.**—Supplies Buckingham B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Two boreholes in Lower Oolite, Maids Moreton; (2) Wells in Oolitic gravel, Gawcott. The average daily quantity of water derived from each source is, respectively, (1) 60,000 gallons, (2) 3,000 gallons. A further 60,000 gallons per day could be obtained from (1) and 7,000 gallons from (2).



*Works.*—No filtration. Reservoirs:—Maids Moreton, 70,000 gallons; Gawcott, 3,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 63,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (3rd September 1912) that the water is satisfactory and suitable. Hardness, 13·6°. No action on lead.

**Buckingham Rural District Council.**—Supplies parts of parishes of (1) Akeley, (2) Barton Hartshorn, (3) Charndon, (4) Padbury, (5) Preston Bissett, (6) Steeple Claydon, (7) Twyford, (8) Water Stratford (Buckingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells. The average quantity of water available from each source is, respectively, (1) 3,000 gallons, (2) 4,000 gallons, (3) 6,000 gallons, (4) 3,500 gallons, (5) 3,000 gallons, (6) 6,500 gallons, (7) 7,000 gallons, (8) 3,900 gallons.

*Works.*—No filtration. Storage reservoirs:—(3) Charndon, 10,000 gallons; (7) Twyford, 10,000 gallons; (8) Water Stratford, 1,500 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Generally soft, but no action on lead.

**Budleigh Salterton Urban District Council.**—Supplies Budleigh Salterton U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Underground springs from gravel and sand (1) at Sherbrook; (2) at Kersbrook. The average daily quantity of water available is 90,000 gallons.

*Works.*—Water is filtered. Storage reservoirs:—Sherbrook 244,000 gallons; Kersbrook, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 38,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—half-yearly chemical examination. Hardness:—(1) total 2·8°, permanent 2·17°; (2) total 15·33°, permanent 1·61°. The water from source (1) acts on lead, but lead pipes are not used.

**Buglawton Urban District Council.**—Supplies Buglawton U.D. (part), and part of parish of Eaton near Congleton (Macclesfield R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit formation, Cloud Side Hill. The average daily quantity of water obtained is 17,500 gallons, and a further 3,500 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Cloud Side, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 17,500 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (27th September 1911) that chemically this is a first-class water. Hardness:—total, 8°; permanent, 2°. No action on lead.

**Builth Wells Urban District Council.**—Supplies Builth Wells U.D. and parts of parishes of Llanddewi'r Cwm (Builth R.D.), and Llanellwedd (Colwyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Upper Silurian shale, Newry, Builth; (2) Spring from Upper Silurian shale, Hengwn, Builth; (3) Nearly a square mile of gathering ground, Tycapel, Builth. The average daily quantity of water available from each source is, respectively, (1) 3,000 gallons; (2) 24,600 gallons; (3) 19,950 gallons.

*Works.*—Filtration, 321 gallons per square yard per day. Storage reservoir:—Tycapel, 1,000,000 gallons. Service reservoirs:—Brecon Road, 142,600 gallons; Newry Farm, 39,200 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 43,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 4°. No action on lead.

**Buntingford Rural District Council.**—Supplies parts of parishes of Aspenden, Layston, and Wyddial (Buntingford R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, near Buntingford. The average daily quantity of water obtained is 18,000 gallons, and a further 72,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Baldock Road, Buntingford, 72,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (2nd May 1911) that the water is very good. Hardness, 17°. No action on lead.



**Burley in Wharfedale Urban District Council.**—Supplies Burley in Wharfedale U.D. (part).

*Powers.*—Burley Local Board Waterworks Act, 1873; Burley in Wharfedale Urban District Water Act, 1899.

*Limits.*—Burley in Wharfedale U.D.

*Source of Supply (Nature and Sufficiency).*—Moorland gathering ground of 300 acres at Burley in Wharfedale. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Carr Bottom, 17,241,700 gallons; Low Lanshaw, 2,577,425 gallons; High Lanshaw, 12,162,737 gallons; Hartley's, Coldstone Estate, 1,004,000 gallons. Service reservoir:—Hollin Nook, 131,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 90,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—periodical chemical examination. Hardness:—total, 4.27°; permanent, 4.27°. Acts on lead, and is treated with lime.

**Burnham Urban District Council.**—Supplies Burnham U.D., and furnishes supplies in bulk to Berrow Water Company, who supplies parts of parishes of Berrow and Brean (Axbridge R.D.), and G. B. Northcote, Esq., who supplies part of parish of Brent Knoll (Axbridge R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring and borehole in Devonian sandstone, Cox's Well, Winscombe. The average daily quantity of water available is 360,000 gallons.

*Works.*—No filtration. Service reservoirs:—Brent Knoll Hill, 100,000 gallons; Brent Knoll Pumping Station, (a) 50,000 gallons, (b) 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 135,000 gallons and 12,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (5th November 1913) that the water is quite satisfactory. Hardness:—total, 19.6°; permanent, 14°.

**Burnham on Crouch Urban District Council.**—Supplies Burnham on Crouch U.D. (part), and part of parish of Creeksea (Maldon R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Surface wells 30 feet in sand and gravel above London Clay; (2) Deep boring through London Clay to grey sand. The average daily quantity of water derived from each source is, respectively, (1) 15,000 gallons, (2) 25,000 gallons, and a further 25,000 gallons per day could be obtained from (1) and 50,000 gallons from (2).

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is intermittent.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (July 1913) that the water is pure and wholesome. Hardness:—total, 12°; permanent, 8°. No action on lead.

**Burnley Town Council.**—Supplies Burnley C.B. (part), and parts of parishes of Cliviger, Habergham Eaves, Ightenhill, Reedley Hallows (Burnley R.D.), and furnishes a supply in bulk to Burnley R.D.C.

*Powers.*—Burnley Borough Improvement Acts, 1871 and 1883; Burnley Corporation Acts, 1889 and 1908; Burnley Corporation Tramways Act, 1898.

*Limits.*—Burnley C.B., and parts of parishes of Briercliffe, Cliviger, Habergham Eaves (Burnley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground of 1,050 acres, Worsthorne Moors, Burnley; (2) Moorland gathering ground of 985 acres, Extwistle Moors, Burnley; (3) Supply in bulk from Padiham U.D.C. (see page 106). The average daily quantity of water available from each source is, respectively, (1) 1,518,298 gallons; (2) 1,207,718 gallons; (3) 54,794 gallons.

*Works.*—Filtration, 190 gallons per square yard per day (in summer), also pressure filters. Reservoirs:—Cant Clough, 250,000,000 gallons; Swindon (a) 116,000,000 gallons, (b) 34,000,000 gallons; Heckenhurst, 20,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,521,671 gallons and 28,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 3°. The water from source (1) acts on lead, and is treated with soda ash. Heckenhurst water contains iron.

**Burnley Rural District Council.**—Supplies parts of parishes of (1) Briercliffe, (2) Cliviger, (3) Foulridge, (4) Read, (5) Sabden (Burnley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole, Herdhouse, Briercliffe; (2) Artesian well, Mereclough; (3) Adit, White Moor, Salterforth; (4) Springs, Cob Car Nook, Read; (5) Spring, Pendle Hill. The average daily quantity of water derived from each source is, respectively, (1) 40,000 gallons; (2) 33,000 gallons; (3) 30,000 gallons; (4) 18,500 gallons; (5) 1,500 gallons; and a further 20,000 gallons per day could be obtained from (1), 1,500 gallons from (4), and 500 gallons from (5).

\* Burnley T.C.—An additional reservoir (capacity 300,000,000 gallons) is under construction.



*Works.*—No filtration. Storage reservoirs :—(1) Twist, 400,000 gallons; Herdhouse, Briercliffe, 728,700 gallons; (2) Shedden Clough, Cliviger, 337,500 gallons; (3) White Moor, Salterforth, 186,550 gallons; (4) Cob Car Nook, Read, 103,125 gallons; (5) Pendle Side, Sabden, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good. Hardness :—(1) Twist,  $3.9^{\circ}$ ; Herdhouse,  $21^{\circ}$ ; (2)  $15.2^{\circ}$ ; (3) very soft; (4) and (5) not known. No action on lead. (1) Saline and (2) contains some iron.

**Burly Port Urban District Council.**—Supplies Burly Port U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Supply in bulk from Llanelly T.C. (see page 81). Springs from porous rocks and gravels overlying Coal Measures :—(2) Furnace, (3) Stepney Road, (4) Mountain Lodge, (5) Clynddu, (6) Rhewlas. The average daily quantity of water available from each source is, respectively, (1) 25,000 gallons; (2) 15,000 gallons; (3) 5,000 gallons; (4) 2,000 gallons; (5) 12,000 gallons; (6) 15,000 gallons. (2) to (6) are seldom used.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—(2), (3), (5) and (6) satisfactory—occasional chemical and bacteriological examination. Hardness not known. Acts on lead, but is not treated.

**Burton upon Trent Town Council.**—Supplies parts of parishes of Burnaston, Egginton, and Etwall (Repton R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 76 feet, at gravel pits, Etwall. The average daily quantity of water obtained is 2,000 gallons, and a further 2,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs :—Tanks, Round House, Egginton, 5,000 gallons; Blakeley Lodge, Etwall, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Bury St. Edmunds Town Council.**—Supplies Bury St. Edmunds B. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, Bury St. Edmunds. The average daily quantity of water obtained is 296,700 gallons.

*Works.*—No filtration. Service reservoirs :—West Hill, (a) 500,000 gallons; (b) 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 296,700 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (18th December 1913) that the water is good. Hardness :—total,  $20.4^{\circ}$ ; permanent,  $4.7^{\circ}$ . No action on lead.

**Buxton Urban District Council.**—Supplies Buxton U.D. and parts of parishes of Fernilee, Hartington Upper Quarter (Chapel en le Frith R.D.).

*Powers.*—Buxton Local Board Act, 1873; Buxton Urban District Water Act, 1902.

*Limits.*—Buxton U.D.; parishes of Fernilee, Hartington Upper Quarter (Chapel en le Frith R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Millstone Grit, Manchester Road; (2) Upland surfaces of 1,900 acres, Coombs Moss and Stanley Moor. The average daily quantity of water obtained from (1) is 22,500 gallons; yield of (2) not known.

*Works.*—Pressure filters at Lightwood and Stanley Moor. Storage reservoirs :—Burbage (two) and Lightwood (two), 23,500,000 gallons; Stanley Moor, 80,000,000 gallons. Service reservoir :—Burbage Old Cold Springs, Watford, 2,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks that the filtered water is of good quality. Hardness :—Coombs Moss  $2^{\circ}$  (after treatment); Stanley Moor, total,  $2.63^{\circ}$ ; permanent,  $1.19^{\circ}$ . Water from (2) acts on lead and is treated with lime.

**Caerphilly Urban District Council.**—Supplies Caerphilly U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from gravel and Pennant Grit, Blaengwawr Farm, Llanfabon; (2) Supply in bulk from Merthyr Tydvil T.C. (see page 92). Yield of (1) not known; the average daily quantity of water obtained from (2) is 17,300 gallons.

*Works.*—No filtration. Service reservoir :—Gellihiir Farm, Llanfabon, 22,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but fairly hard. No action on lead.



**Caistor Rural District Council.**—Supplies parts of parishes of (1) Caistor, (2) Nettleton, South Kelsey (Caistor R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 110 feet in Chalk at Caistor; (2) Stream in Nettleton Hills near Nettleton. The average daily quantity of water derived from each source is, respectively, (1) 27,000 gallons, (2) 10,000 gallons. A further 60,000 gallons per day could be obtained from (1) and 10,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—Caistor, 27,000 gallons; Nettleton, 17,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent. Hardness:—(1) 13·7°; (2) 13·9°. No action on lead.

**Calne Rural District Council.**—Supplies part of parish of Bremhill (Calne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Tytherton and Foxham. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Tanks at Tytherton, 4,158 gallons; Foxham, 2,520 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Calstock Rural District Council.**—Supplies part of parish of Calstock (Calstock R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a), (b), (c), and (d) Springs at Denison and Buddles Adit; (2) Well and stream, Calstock; (3) Wells at Metherill; (4) Stream at Chilsworthly; (5) Springs and streams at Latchley. The average daily quantity of water available from each source is, respectively, (1)—(a) 33,120 gallons, (b) 4,500 gallons, (c) 12,000 gallons, (d) 300,000 gallons; (2) 15,000 gallons; (3) 3,000 gallons; (4) 12,000 gallons; (5) 5,040 gallons.

*Works.*—No filtration. Reservoirs:—(1) (a) Gunnislake, 7,734 gallons; (b) St. Anne's Chapel, 5,250 gallons; (d) Albaston, 2,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 6°. No action on lead.

**Camelford Rural District Council.**—Supplies parts of parishes of (1) Forrabury, Minster; (2) Lanteglos (Camelford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Boscastle, (2) Davidstow, Hendra Downs. Yield of (1) not known; the average daily quantity of water available from (2) is 100,000 gallons.

*Works.*—No filtration. Service reservoirs:—Tubbs Ground, 10,000 gallons; Praed Meadows (two), 16,600 gallons; Hendra Downs, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) intermittent, (2) constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (27th July 1910) that these are first-class waters. Hardness, (1) 2·75°, (2) 1·25°. No action on lead; contains traces of iron.

**Campden Rural District Council.**—Supplies parts of parishes of (1) Admington, (2) Chipping Campden, (3) Moreton in Marsh, (4) Quinton (Campden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) at Admington; (2) at Campden; (3) at Upper Swell; (4) at Lower Quinton. The average daily quantity of water derived from each source is, respectively, (1) 8,000 gallons; (3) 12,000 gallons; (2) and (4) not known; and a further 8,000 gallons per day could be obtained from (1) and unlimited quantities from (2) and (3).

*Works.*—No filtration. Service reservoirs:—Admington, 5,000 gallons; Chipping Campden, 40,000 gallons; Donnington, 20,000 gallons; Quinton, 2,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—annual chemical examination. Hardness:—(2) total, 11·62°; permanent, 4·47°; (3) total, 14·22°; permanent, 4·68°. No action on lead; (1) contains some iron.

**Cannock Rural District Council.**—Supplies part of parish of Cheslyn Hay (Cannock R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Cheslyn Hay. The average daily quantity of water available is 33,582 gallons.

*Works.*—No filtration. Service reservoir:—Saredon, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but rather hard. No action on lead.



**Cardiff Town Council.**—Supplies Cardiff C.B.; Penarth U.D. (part); parts of parishes of Lisvane, Llandaff, Llanedeyrn, Llanishen, Michaelston le Pit, St. Andrews Major, St. Fagans, Whitchurch (Llandaff and Dinas Powis R.D.); and furnishes supplies in bulk to Barry U.D.C. (see page 12), Llandaff and Dinas Powis R.D.C. and St. Mellons R.D.C.

*Powers.*—Cardiff Waterworks Acts, 1853, 1860, and 1878; Cardiff Corporation Acts, 1879, 1884, 1894, and 1909; Cardiff Order, 1902.

*Limits.*—Cardiff C.B.; Penarth U.D.; parishes of Leckwith, Lisvane, Llandaff, Llanedeyrn, Llanishen, Michaelston le Pit (part), St. Andrews Major (part), St. Fagans, Whitchurch (Llandaff and Dinas Powis R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground of 10,400 acres (4,000 utilised) at headwaters of River Taff Fawr, Brecon Beacons; (2) Wells in limestone at Ely; (3) Gathering ground of 2,000 acres over limestone, Llanishen and Lisvane; (4) River Ely, intake at Llandaff. The average daily quantity of water derived from (1) is 6,408,000 gallons; yield of (2), (3) and (4) not known (emergency supplies).

*Works.*—Filtration, 720 gallons per square yard per day, and also pressure filters. Storage reservoirs:—"Beacons," 345,000,000 gallons; Cantreff, 323,000,000 gallons; "Llwynon" at Taff Fawr (under construction), 1,200,000,000 gallons; Llanishen, 317,000,000 gallons; Lisvane, 80,000,000 gallons. Service reservoirs:—Cefn, 600,000 gallons; Blackbrook, 600,000 gallons; Rhubina—(a) 600,000 gallons, (b) 1,500,000 gallons, (c) 560,000 gallons, (d) 100,000 gallons; Heath—(a) 1,750,000 gallons, (b) 1,250,000 gallons; Cogan, 2,000,000 gallons; Llandough, 610,000 gallons; Leckwith, 2,000,000 gallons; Penhill, 2,000,000 gallons; Pen y lan, 3,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,340,000 gallons and 68,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—quarterly chemical and bacteriological examination. Hardness:—Cantreff, 2·5°; Llanishen, 2·7°; Heath, 3·4°; Rhubina, 3·4°. No action on lead.

**Cardigan Town Council.**—Supplies Cardigan B. (part).

*Powers.*—Cardigan Markets and Improvement Act, 1857.

*Limits.*—Cardigan B.

*Sources of Supply (Nature and Sufficiency).*—Springs at foot of sandhills:—(1) Crugefa, (2) Pantydwr, Llangoedmor. The average daily quantity of water derived from each source is, respectively, (1) 75,000 gallons; (2) 15,000 gallons.

*Works.*—No filtration. Service reservoir:—Commons, 30,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 90,000 gallons. Supply is constant.

*Quality of Water.*—Good, but fairly hard. No action on lead.

**Cardigan Rural District Council.**—Supplies parts of parishes of (1) Aberporth, (2) Blaenporth, (3) Llangoedmor, (4) Llechryd, (5) Verwick (Cardigan R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) Near Parcelyn; (2) near Nanterin and Bankdyffryn Estate; (3) at Croesyllan; (4) near Llechryd Isaf; (5) at Verwick. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Carlisle Town Council.**—Supplies Carlisle C.B. (part); parts of parishes of Beaumont, Burgh by Sands, Cummersdale, Grinsdale, Kingmoor, Kirkandrews upon Eden, St. Cuthbert Without, Stanwix, Wetheral (Carlisle R.D.); and furnishes a supply in bulk to Brampton R.D.C.

*Powers.*—Carlisle Corporation Acts, 1887 and 1906; Carlisle Corporation (Water) Act, 1898; Carlisle Order, 1910.

*Limits.*—Carlisle C.B.; parishes of Beaumont, Burgh by Sands, Cummersdale, Dalston, Grinsdale, Kingmoor, Kirkandrews upon Eden, Orton, St. Cuthbert Without, Stanwix, Wetheral (Carlisle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous formation and upland surface, 7,500 acres, Geltsdale. The average daily quantity of water available is 2,007,673 gallons.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoir:—Castle Carrock, 180,000,000 gallons. Service reservoir:—Cumwhinton, 5,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,901,000 gallons and 52,526 gallons in bulk. Supply is constant.



*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (15th October 1913) that the water is of great bacterial purity. Hardness:—total, 6°; permanent, 1·25°. No action on lead.

**Carlisle Rural District Council.**—Supplies parts of parishes of (1) Kingmoor, (2) Warwick, Wetheral (Carlisle R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Cargo Hill; (2) Spring at Cowran Cut, near How Mill. The average daily quantity of water derived from each source is, respectively, (1) 3,000 gallons; (2) 42,375 gallons. A further 4,020 gallons per day could be obtained from (1) and 82,625 gallons from (2).

*Works.*—Water is filtered. No reservoir. Pressure is generally sufficient.

*Quantity of Water supplied.*—(1) Plentiful; (2) adequate.

*Quality of Water.*—Occasional examination. (1) good; analyst remarks (December 1912) that chemically the water from (2) is of satisfactory organic purity. Hardness (2):—total, 6°; permanent, 2·5°. No action on lead.

**Carmarthen Town Council.**—Supplies Carmarthen B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, distributed over about 80 acres at Cwmtawel, Newchurch. The average daily quantity of water obtained is 500,000 gallons.

*Works.*—No filtration. Reservoirs:—Cwmtawel, 18,000,000 gallons; Cwmoernant (two), 11,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 500,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (28th October 1913) that the water is good. Hardness:—total, 1·4°; permanent, 1·4°. No action on lead.

**Carmarthen Rural District Council.**—Supplies parts of parishes of (1) Abergwili, (2) Llandefeilog, (3) Llangendeirne, (4) Llangunnor, (5) Llanstephan, (6) St. Clears, (7) St. Ishmael, (8) Trelech a'r Bettws (Carmarthen R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from gravelly subsoil; (2) Spring, probably from Old Red Sandstone, Llandefeilog; (3) (a) Covered well, Llangendeirne, (b) Springs at Tyrgors Carway, Llangendeirne; (4) Springs from clay subsoil Bridgend, Llangunnor; (5) Springs from Old Red Sandstone, Llanstephan; (6) Springs from gravelly subsoil, Blue Boar, St. Clears; (7) (a) Springs from rock, Ferryside, St. Ishmael, (b) supply in bulk from D. W. Drummond, Esq. (see page 365); (8) Springs from peaty soil, Trelech. The average daily quantity of water derived from each source is, respectively, (1) 1,700 gallons; (2) 430 gallons; (3) 600 gallons; (4) 400 gallons; (7) 2,750 gallons; (5), (6), and (8) not known.

*Works.*—No filtration. Service reservoirs:—Abergwili, 380 gallons; Llandefeilog, 225 gallons; Carway, Llangendeirne, 1,000 gallons; Llangunnor, 460 gallons; St. Clears, 1,500 gallons; Ferryside, St. Ishmael, 20,812 gallons. Pressure, (1) and (2) sufficient; (4) and (7) insufficient.

*Quantity of Water supplied.*—Sufficient, except (7) and (8).

*Quality of Water.*—Good. Soft, but no action on lead.

**Carnarvon Town Council.**—Supplies Carnarvon B. (part).

*Powers.*—Carnarvon Waterworks Act, 1865.

*Limits.*—Carnarvon B.

*Sources of Supply (Nature and Sufficiency).*—River Gwyrfai, intake at Nant Mill half a mile below Quellyn Lake, Bettws Garmon. The average daily quantity of water obtained is 520,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Ysbytty, 3,000,000 gallons; Segontium, 170,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 520,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (9th September 1913) that the water is safe for drinking. Hardness, 0·22°. No action on lead.

**Chapel en le Frith Rural District Council.**—Supplies parts of parishes of (1) Bamford, (2) Chapel en le Frith, Chinley Bugsworth, and Brownside, (3) Chapel en le Frith, Fernilee, (4) Chapel en le Frith, Wormhill, (5) Hope, (6) Wormhill (Chapel en le Frith R.D.); Fairfield U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) to (5) Springs (intercepted underground) from Millstone Grit on hillsides; (6) Spring (intercepted underground) from Carboniferous Limestone. The average daily quantity of water derived from each source is, respectively, (1) 6,000 gallons; (2) 190,000 gallons; (3) 25,000 gallons; (4) 30,000 gallons; (5) 64,000 gallons; (6) 5,000 gallons.

\* Chapel en le Frith R.D.C.—Additional springs are about to be utilised to augment (3).



*Works.*—No filtration. Reservoirs:—(1) Clough Farm, 450,000 gallons; (2) (a) Ridge, 2,500,000 gallons, (b) Shire Oaks, 100,000 gallons; (3) Cadster, Whaley Bridge, 1,250,000 gallons; (4) Doveholes, 1,500,000 gallons (under construction); Black Edge, (a) 750,000 gallons, (b) low level, 25,000 gallons; (5) Fullwood Hope, 26,500 gallons; (6) Wormhill Moor, 88,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) 4·71°, (2) 4·6°, (3) 5·14°, (4) 4·57°, (5) 3·5°, (6) 21·5°. No action on lead.

**Chard Town Council.**—Supplies Chard B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Spring Mead. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is insufficient.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Good, but hard. Action on lead not known.

**Chard Rural District Council.**—Supplies parts of parishes of (1) Chaffcombe, (2) Combe St. Nicholas, (3) West Crewkerne, and (4) Winsham (Chard R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, near Chaffcombe; (2) Spring at Combe St. Nicholas; (3) Spring at Hewish; (4) Spring at Winsham. The average daily quantity of water derived from each source is, respectively, (1) 160 gallons; (2) 700 gallons; (3) 400 gallons; (4) 1,084 gallons; and a further 2,240 gallons per day could be obtained from (1).

*Works.*—No filtration. Reservoirs:—Chaffcombe, 160 gallons; Combe St. Nicholas, 1,500 gallons; Hewish, 100 gallons; Winsham, 800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness:—(1) and (3) fairly hard, (2) 20°, (4) 12°. No action on lead.

**Cheadle Rural District Council.**—Supplies parts of parishes of (1) Caudon, (2) Ipstones, (3) Kingsley (Cheadle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit. (1) Caudon; (2) Foxt; (3) Shirley. The average daily quantity of water available from each source is, respectively, (1) 24,000 gallons; (2) 30,000 gallons; (3) 40,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Caudon, 165,670 gallons; Foxt, 12,500 gallons; Kingsley, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard. No action on lead.

**Chelmsford Town Council.**—Supplies Chelmsford B. (part), and parts of parishes of Widford and Writtle (Chelmsford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well with borehole, 662 feet in Chalk, Mildmay Road; (2) Springs, Admiral's Park, Rainsford End; (3) Well in gravel overlying London Clay, Burgess Well Road; (4) Well with borehole, 534 feet in clay and sand, at Galleywood; (5) Supply in bulk from Chelmsford R.D.C. (see below). The average daily quantity of water available from each source is, respectively, (1) 124,000 gallons; (2) 84,000 gallons; (3) 68,000 gallons; (4) 120,000 gallons; (5) 57,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Long Stumps, (a) 102,000 gallons, (b) 716,000 gallons; Admiral's Park, 80,000 gallons; Mildmay Road, 145,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 305,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (17th December 1913) that the water is satisfactory. Hardness, 18° to 22°. No action on lead.

**Chelmsford Rural District Council.**—Supplies parts of parishes of (1) Great Baddow, Sandon, (2) Danbury, East Hanningfield, Little Baddow, Rettendon, Runwell, Sandon, Woodham Ferrers, (3) Ingatestone and Fryerning, (4) Great Waltham, Little Waltham, (5) Writtle (Chelmsford R.D.); and furnishes a supply in bulk to Chelmsford T.C. from (1) (see above) and to Maldon R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Springs from drift gravel at Great Baddow, (b) Bored well in Thanet Sands at Great Baddow; (2) Springs at Danbury; (3) Deep well in Chalk at Ingatestone; (4) Springs at Great Waltham; (5) Deep well in Thanet Sands at Writtle. The average daily quantity of water derived from each source is, respectively, (1) (a) 78,700 gallons, (b) 5,000 gallons; (2) 36,000 gallons; (3) 25,850 gallons; (4) not known; (5) 11,500 gallons. A further 10,000 gallons per day could be obtained from (1) (a); 95,000 gallons from (1) (b); 24,000 gallons from (2); 30,000 gallons from (3); and 15,000 gallons from (5).



*Works.*—Water from source (5) only is filtered—pressure filter. Service reservoirs:—Tower at Great Baddow, 43,000 gallons; Danbury, (a) tower 13,000 gallons, (b) 40,000 gallons; Rettendon, 75,000 gallons; Ingatestone, 75,000 gallons; tower at Great Waltham, 3,000 gallons; tower at Writtle, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate; the daily average in bulk is 57,100 gallons.

*Quality of Water.*—Excellent—periodical chemical and bacteriological examination. Hardness:—(1) (a) total, 10°; permanent, 9°; (b) 3·5°; (2) total, 9·5°; permanent, 6°; (3) 3·5°; (4) 25°; (5) total, 2·8°; permanent, 0·5°. No action on lead.

**Cheltenham Town Council.**—Supplies Cheltenham B. (part), Charlton Kings U.D. (part), and parishes of Badgeworth (part), Leckhampton (part), Prestbury (part), Staverton (part), Swindon (part), Uckington, Up Hatherley (part) (Cheltenham R.D.); Ashchurch (part), Boddington (part), Deerhurst (part), Elmstone Hardwicke (part), and Leigh (part) (Tewkesbury R.D.); and furnishes supplies in bulk to Tewkesbury T.C. and Tewkesbury R.D.C.

*Powers.*—Cheltenham Water Acts, 1824, 1839, 1847, 1858, and 1865; Cheltenham Corporation Water Acts, 1878 and 1881; Cheltenham Orders, 1883, 1896, 1898, and 1905.

*Limits.*—Cheltenham B., Charlton Kings U.D., Tewkesbury B., parishes of Badgeworth, Leckhampton, Prestbury, Shurdington, Staverton, Swindon, Uckington, Up Hatherley (Cheltenham R.D.); Down Hatherley, Norton (Gloucester R.D.); Ashchurch, Boddington, Deerhurst, Elmstone Hardwicke, Leigh, Stoke Orchard, Tredington, and Walton Cardiff (Tewkesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Chelt at Dowdeswell; (2) Springs from Oolite, Cotswold Hills; (3) Springs from Oolite, Leckhampton; (4) River Severn above Tewkesbury; (5) Well in sandbed overlying lias clay, Sandford Mead. The average daily quantity of water derived from each source is, respectively, (1) 991,000 gallons; (2) 287,000 gallons; (3) 81,000 gallons; (4) 649,000 gallons (summer only); (5) 175,000 gallons. A further 2,134,000 gallons per day could be obtained from (4) and 250,000 gallons from (5).

*Works.*—Filtration at (1) and (4), 300 and 500 gallons per square yard per day, and also pressure filters. Storage reservoir:—Dowdeswell, 100,000,000 gallons. Service reservoirs:—Dowdeswell, 100,000 gallons; Hewletts, 32,500,000 gallons; Leckhampton, 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,474,715 gallons and 90,052 gallons in bulk. Supply is constant.

*Quality of Water.*—Generally satisfactory—monthly chemical and bacteriological examination. Hardness:—(1) 16°; (2) and (3) 14°; (4) 11°. No action on lead.

**Cheltenham Rural District Council.**—Supplies part of parish of Badgeworth (Cheltenham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from sand at Badgeworth. Yield not known.

*Works.*—No filtration. Reservoir, tank at Badgeworth Cross, 1,200 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, 9°. No action on lead.

**Chepping Wycombe Town Council.**—Supplies Chepping Wycombe B. (part); parts of parishes of Chepping Wycombe Rural, Hughenden, West Wycombe (Wycombe R.D.).

*Powers.*—High Wycombe Water Order, 1874.

*Limits.*—Chepping Wycombe B.; and parish of Chepping Wycombe Rural (Wycombe R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells (218 and 160 feet) in Chalk, High Wycombe. The average daily quantity of water obtained is 450,000 gallons.

*Works.*—No filtration. Reservoirs:—Tower, 60,000 gallons; High Level, 131,000 gallons; Low Level, 129,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 450,000 gallons. Supply is constant.

*Quality of Water.*—Pure and wholesome—annual chemical examination. Hardness:—total, 16·38°; permanent, 1·96°. No action on lead.

**Chepstow Rural District Council.**—Supplies part of parish of St. Arvans (Chepstow R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone at St. Arvans. The average daily quantity of water available is 12,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Two catchpits, St. Arvans, 600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness not known. No action on lead.



**Chesham Urban District Council.**—Supplies Chesham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Borehole (240 feet) in Chalk, Berkhamstead Road, Chesham. The average daily quantity of water obtained is 201,000 gallons, and an unlimited supply could be obtained.

*Works.*—No filtration. Storage reservoirs:—Berkhamstead Road, 175,000 gallons; Hivings Hill, 160,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 201,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and occasional bacteriological examination. Analyst remarks (9th November 1912) that the water is of satisfactory organic purity. Hardness:—total, 15·5°; permanent, nil. No action on lead.

**Cheshunt Urban District Council.**—Supplies Cheshunt U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and boring (418 feet) in Chalk, Darnicle Hill; (2) Supply in bulk from the Metropolitan Water Board (*see* page 163). The average daily quantity of water derived from each source is, respectively, (1) 208,540 gallons, (2) 64,740 gallons.

*Works.*—No filtration. Storage reservoir:—Darnicle Hill, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 273,280 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 21°; permanent, 5·6°. No action on lead.

**Chesterfield Rural District Council.**—Supplies parishes of (1) Barlow (part), Beighton (part), Coal Aston (part), Dronfield Woodhouse (part), Eckington (part), Holmesfield (part), Killamarsh (part), Staveley (part), Sutton cum Duckmanton, Unstone (part); (2) Heath (part), Morton (part), North Wingfield (part), Pilsley (part), Shirland and Higham (part), Stretton (part), Temple Normanton (part), Tupton, Wessington (part), Woodthorpe (part); (3) Ashover (part) (Chesterfield R.D.); and furnishes a supply in bulk to Dronfield U.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 1,030 acres at Barbrook; (2) Upland surface, 500 acres at Press; (3) Spring from Millstone Grit, Ashover. The average daily quantity of water derived from each source is, respectively, (1) 700,000 gallons; (2) 200,000 gallons; (3) 18,000 gallons. A further 300,000 gallons per day could be obtained from (1) and 10,000 gallons from (2).

*Works.*—Filtration at (1) only, 450 gallons per square yard per day. Storage reservoirs:—Barbrook, 100,000,000 gallons; Ramsley, 18,000,000 gallons; Crowhole, 25,000,000 gallons. Service reservoirs:—Dronfield Woodhouse, 33,500 gallons; Eckington, 1,200,000 gallons; Staveley, 27,000 gallons; Press, Ashover (a) 8,000,000 gallons, (b) 8,000,000 gallons, (c) 9,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient; the daily average in bulk is 85,000 gallons.

*Quality of Water.*—Good. Hardness:—4° to 5°. Water from source (1) acts on lead and is treated with chalk; (2) and (3) no action on lead.

**Chesterton Rural District Council.**—Supplies part of parish of Long Stanton, All Saints (Chesterton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in gravel at Long Stanton, All Saints. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but fairly hard. No action on lead.

**Chichester Town Council.**—Supplies Chichester B. (part); and parts of parishes of Bosham (Westbourne R.D.); Donnington, New Fishbourne, Oving (Westhampnett R.D.); and furnishes a supply in bulk to Selsey Water Company (*see* page 211).

*Powers.*—Chichester Corporation Water Act, 1897.

*Limits.*—Chichester B.; and parishes of Bosham, Funtington, West Dean (Westbourne R.D.); Appledram, Birdham, Donnington, Earnley, East Wittering, Lavant, New Fishbourne, Oving, Singleton, Westhampnett, West Itchenor, West Wittering (Westhampnett R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep well (100 feet) in Chalk, Old Fishbourne, Bosham. Yield not known.

*Works.*—No filtration. Reservoirs:—Broyle Road, Chichester (a) 100,000 gallons; (b) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 540,000 gallons and 10,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (1st August 1910) that chemically the water is excellent, and bacteriologically it is sterile. Hardness:—total, 16·95°; permanent, 4·59°. No action on lead.



**Chippenham Town Council.**—Supplies Chippenham B.; and parts of parishes of Chippenham Without, Hardenhuish, Kington Langley, Langley Burrell Without (Chippenham R.D.); and furnishes a supply in bulk to Chippenham R.D.C.

*Source of Supply (Nature and Sufficiency).*—Artesian well in Great Oolite, Westmead, Chippenham. The average daily quantity of water obtained is 219,300 gallons, and a further 299,100 gallons per day could be obtained.

*Works.*—Pressure filters. Service reservoirs:—Little Englands, 150,000 gallons; Hardenhuish, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,800 gallons and 38,500 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (12th January 1914) that after filtration the water is satisfactory. Hardness:—total, 20·8°; permanent, 8·2°. No action on lead; contains some iron.

**Chipping Norton Town Council.**—Supplies Chipping Norton B. (part), and part of parish of Salford (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in limestone near source of River Glynn; (2) Springs from limestone with gathering ground, 3·75 acres, at Old Chalford. The average daily quantity of water available from each source is, respectively, (1) 80,000 gallons; (2) 15,000 gallons (auxiliary supply).

*Works.*—No filtration. Storage reservoirs:—Albion Street (a) 200,000 gallons, (b) 200,000 gallons, (c) 527,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 75,000 gallons. Supply is constant.

*Quality of Water.*—Good, but rather hard. No action on lead.

**Chipping Norton Rural District Council.**—Supplies parts of parishes of Ascot under Wychwood, Chadlington, Fifield, Milton under Wychwood, Salford, Shipton under Wychwood, Shorthampton or Chilson (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (December 1913) that the water is excellent. Hardness, 10·15°. No action on lead.

**Chirk Rural District Council.**—Supplies part of parish of Glyn Traian (Chirk R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Pencraig, Pontfadog. The average daily quantity of water obtained is 240 gallons.

*Works.*—No filtration. Storage reservoirs:—Pencraig, (a) 1,500 gallons; (b) 500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but fairly hard. No action on lead.

**Church Stretton Urban District Council.**—Supplies Church Stretton U.D. (part); and part of parish of Little Stretton (Church Stretton R.D.).

*Powers.*—Church Stretton Water Act, 1899; Church Stretton Urban District Water Act, 1912.

*Limits.*—Church Stretton U.D.; and parishes of All Stretton, Little Stretton (Church Stretton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland gathering grounds over Cambrian rocks, Longmynd Hills:—(1) New Pool Hollow; (2) Town Brook Valley; and (3) Lightsfoot Hollow. Yield not known.

*Works.*—No filtration. Reservoirs:—Town Brook Hollow (small); New Pool Hollow, 12,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, under 4°. No action on lead.

**Cirencester Urban District Council.**—Supplies Cirencester U.D. (part) and part of parish of Stratton (Cirencester R.D.).

*Powers.*—Cirencester Order, 1891; Cirencester Water Act, 1897.

*Limits.*—Cirencester U.D., and parish of Stratton (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole in Great Oolite, Lewis Lane. The average daily quantity of water obtained is 92,666 gallons, and a further 105,334 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Earl Bathurst's Park, 205,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 92,666 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (20th December 1913) that chemically the water is good. Hardness:—total, 15·5°; permanent, 2·3°. No action on lead.

**Cirencester Rural District Council.**—Supplies part of parish of Coates (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well (80 feet) near Coates. The average daily quantity of water obtained is 10,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Coates, 5,000. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness not known. No action on lead.

**Clacton Urban District Council.**—Supplies Clacton U.D. (part), and furnishes a supply in bulk to Tendring R.D.C.

*Powers.*—Clacton Gas and Water Act, 1898.

*Limits.*—Clacton U.D.

*Sources of Supply (Nature and Sufficiency).*—Shallow wells in gravel overlying the London Clay:—(1) St. Osyth, (2) Great Bentley. The average daily quantity of water available from each source is, respectively, (1) 100,000 gallons, (2) 250,000 gallons.

*Works.*—Water is filtered. Service reservoir:—Old Road, Clacton, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 285,000 gallons, and 131 gallons in bulk. Supply is intermittent.

*Quality of Water.*—Monthly chemical and occasional bacteriological examination. Analyst remarks (17th December 1913) that this is a very excellent water. Hardness, 10·5°. No action on lead.

**Clare Rural District Council.**—Supplies parts of parishes of (1) Clare, (2) Hundon (Clare R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and borings in Chalk:—(1) Upper Common; (2) near the Hall. The average daily quantity of water derived from each source is, respectively, (1) 12,000 gallons, (2) 4,500 gallons; and a further 50,000 gallons per day could be obtained from (1) and 4,000 gallons from (2).

*Works.*—Water from (1) only is filtered. Service reservoirs:—Upper Common, Clare, 65,000 gallons; Hundon, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (1) 29th July 1913 and (2) 23rd September 1908, that the water is fit for drinking. Hardness:—(1) total, 38°; permanent, 12·9°; (2) total, 40·2°; permanent, 15·5°. No action on lead; contains some iron.

**Clay Cross Urban District Council.**—Supplies Clay Cross U.D. (part).

*Powers.*—Clay Cross Water Act, 1899.

*Limits.*—Clay Cross U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Press Brook, Northeage; (2) Woferley Springs, from Millstone Grit, Northeage; (3) Borehole in Millstone Grit, Northeage. The average daily quantity of water derived from each source is, respectively, (1) 44,000 gallons; (2) 36,000 gallons; (3) 50,000 gallons; and a further 34,000 gallons per day could be obtained from (1).

*Works.*—Part of the water is filtered, 324 gallons per square yard per day. Service reservoir:—Northeage, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 130,000 gallons. Supply is constant.

*Quality of Water.*—Good, and moderately hard. No action on lead; contains some lime and iron.

**Cleator Moor Urban District Council.**—Supplies Cleator Moor U.D. (part) and furnishes a supply in bulk to Whitehaven R.D.C.

*Powers.*—Cleator Moor Local Board Act, 1881; Cleator Moor Order, 1886.

*Limits.*—Cleator Moor U.D.

*Sources of Supply (Nature and Sufficiency).*—Mountain streams and springs, Cleator, Kinneside and Ennerdale Fells. Yield not known.

*Works.*—Filtration, 230 gallons per square yard per day. Storage reservoir:—Impounding at Meadley, Kinneside, 44,000,000 gallons. Service reservoirs:—Dent, Cleator, (a) 4,000,000 gallons, (b) 4,000,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 400,000 gallons and 35,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 1·5°, permanent, 0·75°. No action on lead.

**Cleobury Mortimer Rural District Council.**—Supplies part of parish of Cleobury Mortimer (Cleobury Mortimer R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Old Red Sandstone at Cleobury Mortimer. The average daily quantity of water obtained is 22,000 gallons, and a further 362,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Curdale, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 18°. No action on lead.

**Clitheroe Town Council.**—Supplies Clitheroe B.; and furnishes supplies in bulk to Bowland R.D.C.; West Bradford Water Committee, who supplies part of parish of West Bradford (Bowland R.D.), and J. R. Aspinall, Esq., who supplies parts of parishes of Great Mitton (Bowland R.D.) and Little Mitton, Henthorn and Coldecoats (Clitheroe R.D.).

*Powers.*—Clitheroe Water Works Act, 1854; Clitheroe Corporation Act, 1878.

*Limits.*—Clitheroe B.

*Sources of Supply (Nature and Sufficiency).*—Springs on Grindleton Fells in West Bradford and Grindleton. The average daily quantity of water obtained is 707,537 gallons and a further 150,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—West Bradford, 12,125,000 gallons. Service reservoir:—West Bradford, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 479,358 gallons and 12,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (29th December 1913) that chemically the water is of a high degree of purity. Hardness:—total, 2·3°. Acts on lead, but tin-lined pipes are used.

**Clun Rural District Council.**—Supplies parts of parishes of (1) Clun, (2) Clunbury, (3) Lydbury North (Clun R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) on Woodside Hill and at Fron Hill, (2) (a) on Clunbury Hill, and (b) at Clunton, (3) at Brocton. Yield of (1) not known. The average daily quantity of water available from (2) (a) is 1,483 gallons, (b) 6,998 gallons, and from (3) 60,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Woodside Farm, 60,000 gallons; Newcastle, 7,500 gallons; (2) Clunbury, 8,000 gallons; Clunton, 6,000 gallons; (3) Brockton, 1,000 gallons. Pressure is sufficient, except in (3).

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—(1) not known; (2) (a) 6·8°, (b) 7·8°; (3) 13°. No action on lead.

**Coalville Urban District Council.**—Supplies Coalville U.D. (part) and furnishes a supply in bulk to Ashby de la Zouch R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Boreholes in New Red Sandstone, Bardon Hill, Whitwick. The average daily quantity of water obtained is 120,000 gallons and a further 80,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Whitwick, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 119,360 gallons and 640 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—half-yearly chemical examination. Hardness:—total, 24°; permanent, 10°. No action on lead.

**Cockermouth Rural District Council.**—Supplies parishes of (1) Above Derwent (part), (2) Dean (part), (3) Tallentire (Cockermouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Skiddaw Slate at Force Crag; (2) Springs from coal measures at Branthwaite; (3) Springs from limestone at Tallentire Hill. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very good. Hardness:—(1) 2·5°. Acts on lead, but is not treated.



**Colchester Town Council.**—Supplies Colchester B. (part); and furnishes a supply in bulk to Lexden and Winstree R.D.C.

*Powers.*—Colchester Waterworks Act, 1879.

*Limits.*—Colchester B.

*Sources of Supply (Nature and Sufficiency).*—(1) Artesian well with boring (410 feet) in Chalk, Balcerne Hill; (2) Springs from gravel bed, with upland surface 30 acres, Lexden. The average daily quantity of water available from each source is, respectively, (1) 900,000 gallons; (2) 450,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Tower, North Hill, 220,000 gallons; Balcerne Hill, 250,000 gallons. Service reservoir:—Balcerne Hill, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 889,509 gallons, and 1,860 gallons in bulk. Supply is constant.

*Quality of Water.*—(1) Annual chemical and occasional bacteriological examination; (2) monthly bacteriological examination. Analyst remarks (18th November 1913) that bacteriologically the water is quite satisfactory. Hardness, 8.4°. No action on lead; the water is ferruginous and saline.

**Coleford Urban District Council.**—Supplies Coleford U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Stream over Coal Measures, intake at Coleford. The average daily quantity of water obtained is 22,000 gallons.

*Works.*—No filtration. Reservoir:—Coleford, 45,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory after filtration—half-yearly chemical examination. Hardness:—total, 7°; permanent 6.4°. No action on lead.

**Colne Town Council.**—Supplies Colne B. (part).

*Powers.*—Colne Waterworks Act, 1806; Colne and Marsden Local Board Act, 1881; Colne Corporation Acts, 1897 and 1905.

*Limits.*—Colne B.

*Sources of Supply (Nature and Sufficiency).*—(1) Bonny Booth Springs from Millstone Grit, Emmott Moor; (2) Flass Spring from red sandstone, Colne; (3) Borehole, Colne; (4) River Laneslaw with upland gathering ground, Emmott Moor. The average daily quantity of water derived from each source is, respectively, (1) 224,000 gallons; (2) 18,000 gallons; (3) 5,000 gallons; (4) 181,106 gallons. A further 20,000 gallons per day could be obtained from (1), 6,000 gallons from (2), and 129,358 gallons from (4).

*Works.*—Mechanical filters at (4) only. Storage reservoirs:—Laneslaw, 75,000,000 gallons; Bents, 4,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 428,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (21st October 1913) that the water is good. Hardness:—total, 3.8°; permanent, 3.5°. No action on lead.

**Congleton Town Council.**—Supplies Congleton B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from quicksands (8 acres), Forge Works; (2) Springs from Millstone Grit, Corda Well, Newbold, Astbury. The average daily quantity of water derived from each source is, respectively, (1) 275,100 gallons; (2) 30,572 gallons; and a further 96,192 gallons per day could be obtained from (1).

*Works.*—No filtration. Storage reservoir:—Forge, 340,000 gallons. Service reservoirs:—Forge, tower, 60,000 gallons; Corda Well, 110,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 231,834 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (15th September 1913) that the water is of a satisfactory degree of organic purity. Hardness:—(1) total, 13°; permanent, 5°; (2) total, 6.5°; permanent, 2.75°. No action on lead.

**Congleton Rural District Council.**—Supplies part of parish of Odd Rode (Congleton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and boring (200 feet) in Millstone Grit at The Bank, Mow Cop. The average daily quantity of water obtained is 10,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—The Bank, 60,000 gallons; Rode Park, 20,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional examination. Analyst remarks (8th September 1911) that chemically this is a first-class water. Hardness:—total, 12·5°, permanent, 3·0°. No action on lead; contains some iron.

**Conway Rural District Council.**—(See *Addenda*, page 598.)

**Cosford Rural District Council.**—Supplies part of parish of Hitcham (Cosford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells bored through Boulder Clay and Chalk at Hitcham. Yield not known.

*Works.*—No filtration. Service reservoir:—Cross Green, Hitcham, 21,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Good, but hard. No action on lead; contains some iron.

**Coventry Town Council.**—Supplies Coventry C.B. (part); parts of parishes of Coventry Holy Trinity Without, Coventry St. Michael Without (Coventry R.D.), Allesley (Meriden R.D.).

*Powers.*—Coventry Water Acts, 1844 and 1889; Coventry Extension Order, 1899; Coventry Corporation Acts, 1907 and 1913.

*Limits.*—Coventry C.B.; parishes of Coventry Holy Trinity Without and Coventry St. Michael Without (Coventry R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Spon End, Coventry; (2) Well at Whitley, Coventry; (3) Supply in bulk from Birmingham T.C. (see page 18.) The average daily quantity of water derived from each source is, respectively, (1) 933,552 gallons; (2) nil since 1909; (3) 1,157,405 gallons; and a further 1,842,595 gallons per day could be obtained from (3).

*Works.*—No filtration. Service reservoirs:—Coundon (a) 1,500,000 gallons; (b) 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,090,957 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—quarterly chemical examination. Hardness:—(1) total, 17·6°; permanent, 13·0°. Action on lead not known.

**Cowes Urban District Council.**—Supplies Cowes U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Deep well and borings in Barton Sands, at Broadfields; (2) Subsoil drains (3,700 feet long) in gravel, Northwood. The average daily quantity of water available from each source is, respectively, (1) 300,000 gallons; (2) 50,000 gallons.

*Works.*—Pressure filters. Storage reservoirs:—Broadfields, 2,960,000 gallons; Newport Road, 8,000,000 gallons. Service reservoirs:—Broadfields, 1,300,000 gallons. High level tank, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 252,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (21st November 1908) that the water is satisfactory. Hardness:—total, 15·0°; permanent, 4·5°. No action on lead; contains slight trace of iron.

**Crediton Urban District Council.**—Supplies Crediton U.D. (part); parts of parishes of Crediton Hamlets and Sandford (Crediton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring, underground in red sandy clay, Walson, Bow. The average daily quantity of water obtained is 80,000 gallons, and a further 150,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Landscore, 130,000 gallons; Alexandra Road, 35,000 gallons; George Hill, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Very good, but fairly hard. No action on lead.

**Criccieth Urban District Council.**—Supplies Criccieth U.D. (part).

*Powers.*—Criccieth Water and Improvement Act, 1908.

*Limits.*—Criccieth U.D.; parishes of Dolbenmaen (part) (Glaslyn R.D.); Llanystumdwy (Lleyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from igneous rock, Taiduon, Clynnog; (2) Cwm yr haf stream near Dafarnfaig. The average daily quantity of water derived from each source is, respectively, (1) 50,000 gallons, (2) nil. A further 428,000 gallons per day could be obtained from (1) and 1,069,029 gallons from (2).

*Works.*—No filtration. Reservoir:—Waenhelyg, 1,200,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 1·69°. No action on lead.



**Crickhowell Rural District Council.**—Supplies parts of parishes of (1) Crickhowell, (2) to (10) Llanelly, (11) Llanfihangel Cwmdû, (12) Llangattock, (13) and (14) Llangenny, (15) and (16) Llangynidr (Crickhowell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Mountain spring at Crickhowell; (2) Springs from Old Red Sandstone, Gilwern; Springs from limestone:—(3) Clydach; (4) Cheltenham; (5) Clydach Station; Springs from Coal Measures:—(6) Waunllapra; (7) Llamarch; Springs from red sandstone:—(8) Darrenfelyn; (9) Gellifelen; (10) Upland surface, Penylanfach; (11) Mountain springs at Llanfihangel Cwmdû; Springs from Old Red Sandstone:—(12) Llangattock; (13) Llangenny; (14) Glangrwyney; (15) Upper Village, Llangynidr; (16) Lower Village, Llangynidr. The average daily quantity of water derived from each source is, respectively, (1) 23,000 gallons, (2) 6,000 gallons, (3) 1,720 gallons, (4) 3,960 gallons, (5) 850 gallons, (6) 1,860 gallons, (7) 700 gallons, (8) 870 gallons, (9) 900 gallons, (10) 1,000 gallons, (11) 1,000 gallons, (12) 2,350 gallons, (13) 390 gallons, (14) 870 gallons, (15) 1,230 gallons, (16) 750 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Crickhowell, 86,000 gallons; (2) (a) Brunant, 12,250 gallons, (b) Maesgwartha, 1,000 gallons; (3) Tinkers Well, Clydach, 250 gallons; (6) Llanelly Hill, 1,120 gallons; (8) Darrenfelyn, 100 gallons; (9) Gellifelen, 400 gallons; (10) Blackrock, 1,600 gallons; (11) Bwlch, 1,000 gallons; (12) Tyle, Llangattock, 10,050 gallons; (13) Llangenny, 100 gallons; (14) Tynycar, 800 gallons; (15) Rhiwgarn, 825 gallons. Pressure:—(1), (2), (5), (6) (9) and (11) to (16), sufficient; (3), (4), (7), (8) and (10), insufficient.

*Quantity of Water supplied.*—(1), (2), (3), (5), (6), (7), (11) to (16), adequate; (4) and (9) barely adequate; (8) very inadequate.

*Quality of Water.*—Generally satisfactory—occasional examination. Analyst remarks that chemically the water is:—(1) very satisfactory (22nd August 1911); (2) satisfactory (26th February 1906); (4) suspicious (17th July 1911); (15) Good (11th January 1908); and that bacteriologically it is:—(1) Excellent (2) Satisfactory; (4) Poor; (12) Very good; (15) Very satisfactory. Hardness:—(1) 8.4°; (2) (a) 9°, (b) 15°; (4) 16.1°; (9) 3°; (10) 1°; (12) 10°; (15) 13°; (3) and (5) hard. Water from (9) and (10) acts on lead, but lead pipes are not used.

**Cricklade and Wootton Bassett Rural District Council.**—Supplies parts of parishes of (1) Cricklade, (2) Purton, (3) Broad Town, Clyffe Pypard, Wootton Bassett (Cricklade and Wootton Bassett R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Collecting well in gravel, Kents Close, Cricklade; (2) Adits in Oolite, Pavenhill, Purton; (3) Adits in Upper Greensand, at Clyffe Pypard, near Wootton Bassett. The average daily quantity of water available from each source is, respectively, (1) 35,000 gallons, (2) 5,000 gallons, (3) 50,000 gallons.

*Works.*—Filtration at (1) only, 400 gallons per square yard per day. Service reservoirs:—Cricklade, 60,000 gallons; Purton, 20,000 gallons; Clyffe Pypard, 10,000 gallons; Coxstalls, 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional examination. Hardness:—(1) 23°; (2) 23°; (3) 21°. No action on lead; slightly saline.

**Cromer Urban District Council.**—Supplies Cromer U.D. (part); and parts of parishes of Felbrigg, Northrepps, Overstrand, Roughton, Runton, Sidestrand (Erpingham R.D.).

*Powers.*—Cromer Water Act, 1901.

*Limits.*—Cromer U.D.; parishes of Aylmerton, Bessingham, East Beckham, Felbrigg, Gresham, Hanworth, Metton, Northrepps, Overstrand, Roughton, Runton, Sidestrand, Southrepps, Sustead, Thorpe Market, Thurgarton, Trimmingham, West Beckham (Erpingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep wells in Chalk (1) Cromer; (2) Metton. The average daily quantity of water obtained is 227,000 gallons and a further 703,000 gallons per day could be obtained.

*Works.*—Pressure filters. Storage reservoirs:—Cromer, (a) 120,000 gallons, (b) 600,000 gallons; Tower, 50,000 gallons; Aylmerton, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 227,000 gallons. Supply is constant.

*Quality of Water.*—Biennial chemical and bacteriological examination. Analyst remarks (18th July 1913) that chemically the water is satisfactory. Hardness:—total, 8.4°; permanent, 2.1°. No action on lead; contains a trace of iron.

**Croydon Town Council.**—Supplies Croydon C.B.; part of parish of Addington (Croydon R.D.); and furnishes a supply in bulk to Croydon R.D.C.

*Powers.*—Croydon Corporation Acts, 1884 and 1895; River Wandle Protection Act, 1908.



*Limits.*—Croydon C.B.; parish of Addington (Croydon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk at:—(1) Croydon, (2) Woodside, (3) Waddon, and (4) Addington; (5) Supply in bulk from Metropolitan Water Board (see page 163). The average daily quantity of water derived from each source is, respectively, (1) 2,535,034 gallons, (2) 204,752 gallons, (3) 616,907 gallons, (4) 697,005 gallons, (5) 1,194,000 gallons. A further 250,000 gallons per day could be obtained from (1); 450,000 gallons from (2); 1,100,000 gallons from (3); 350,000 gallons from (4); and 200,000 gallons from (5).

*Works.*—Filtration at (4) only, 450 gallons per square yard per day. Service reservoirs:—Addington Hills, 5,000,000 gallons; Park Hill, 950,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 5,232,607 gallons; the quantity supplied in bulk is not known. Supply is partly constant, partly intermittent.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (19th December 1913) that the water is excellent. Hardness:—total, 17·6°; permanent, 4·0°. No action on lead.

**Cwmamman Urban District Council.**—Supplies Cwmamman U.D. (part), and part of parish of Llandilo Rural (Llandilo Fawr R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, (1) Garn Harris, (2) Cwmpedol and Creigien. The average daily quantity of water available during dry weather is 72,300 gallons.

*Works.*—No filtration. Storage reservoirs:—Cwmpedol 60,000 gallons, Glyndrinog 25,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Supply is constant in parts only.

*Quality of Water.*—Good. Hardness 15°. No action on lead.

**Darlington Town Council.**—Supplies Darlington B.; and parts of parishes of Blackwell Cockerton, Haughton le Skerne, and Whessoe (Darlington R.D.).

*Powers.*—Darlington Local Board of Health Acts, 1854 and 1861; Darlington Extension and Improvement Act, 1872; Darlington Orders, 1902 and 1912.

*Limits.*—Darlington B.; and parishes of Blackwell, Cockerton, Haughton le Skerne, Whessoe (Darlington R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Tees, intake at Broken Scar, 2 miles from town. The average daily quantity of water obtained is 2,500,000 gallons.

*Works.*—Filtration, 394 gallons per square yard per day. Storage reservoirs:—Pumping station, (a) 25,000 gallons; (b) 75,000 gallons; (c) 1,100,000 gallons; (d) 2,248,000 gallons. Service reservoirs:—Harrowgate Hill, 5,500,000 gallons; Bushel Hill, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,350,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (15th December 1913) that the water is good. Hardness, 4·5°. Acts on lead, and is treated with milk of lime.

**Darlington Rural District Council.**—Supplies part of parish of Great Aycliffe (Darlington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole, 120 feet, through limestone, Aycliffe. The average daily quantity of water obtained is 4,000 gallons.

*Works.*—No filtration. Service reservoir:—Aycliffe, 17,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (19th November 1913) that the water is good and wholesome. Hardness, 21°. No action on lead.

**Dartmouth Town Council.**—Supplies Dartmouth B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from slate at (1) Guttery Meadow; (2) Crosby Meadow; (3) Townstal; (4) Bosomzeale; (5) Laphorne; (6) Townstal Hill Wood; (7) Old Mill Stream, Bructon, Clifton. The average daily quantity of water available from each source is, respectively, (1) 30,000 gallons; (2) 14,000 gallons; (3) 12,500 gallons; (4) 60,750 gallons; (5) 75,000 gallons; (6) 75,000 gallons; (7) 500,000 gallons.

*Works.*—Filtration, 600 gallons per square yard per day. Storage reservoirs:—Old Mill, 115,000 gallons; Townstal Hill Wood, 25,000 gallons. Service reservoirs:—Long Cross, 300,000 gallons; Guttery Meadow, 230,000 gallons; Crosby Meadow, 49,000 gallons; Townstal, 36,450 gallons; Coombe, 96,000 gallons. Pressure is sufficient.

\* Croydon T.C.—An additional reservoir of 10,000,000 gallons is about to be constructed.



*Quantity of Water supplied.*—The daily average is 192,000 gallons. Supply is constant.

*Quality of Water.*—Good, but liable to contamination—annual chemical and bacteriological examination. Hardness:—(1) total, 10·6°; permanent, 3°; (2) total, 11°; permanent, 4°; (3) total, 6°; permanent, 2·4°; (4) total, 8·9°; permanent, 4·9°; (5) total, 9·8°; permanent, 2·8°; (6) total, 10·3°; permanent, 4·2°; (7) total, 9·8°; permanent, 2·8°. No action on lead.

**Darwen Town Council.** Supplies Darwen B. (part); and part of parish of Eccleshill (Blackburn R.D.).

*Powers.*—Darwen Waterworks Act, 1869; Over Darwen Local Board Waterworks and Gas Works Act, 1873; Darwen Improvement Act, 1879; Darwen Corporation Acts, 1887 and 1899; Darwen Orders, 1884 and 1894.

*Limits.*—Darwen B.; and parishes of Eccleshill and Tockholes (Blackburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surface, moor and pasture land, 660 acres, Darwen Moors. The average daily quantity of water obtained is 800,000 gallons.

*Works.*—Filtration, 143 gallons per square yard per day. Storage reservoirs:—Earnsdale, 100,333,813 gallons; Sunnyhurst Hay, 96,498,892 gallons. Service reservoirs:—Earnsdale, 570,700 gallons; Sunnyhurst, 554,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 800,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. Acts on lead, and is treated with carbonate of soda; tin-lined lead pipes are used.

**Daventry Town Council.**—Supplies Daventry B. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in Marlstone Rock, Dodford. The average daily quantity of water obtained is 40,000 gallons; and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir, Borough Hill, Daventry, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 26·25°. No action on lead.

**Daventry Rural District Council.**—Supplies parts of parishes of (1) Badby, and (2) Long Buckby (Daventry R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Wells in Marlstone Rock. The average daily quantity of water derived from each source is, respectively, (1) 2,000 gallons; (2) 30,000 gallons.

*Works.*—No filtration. Service reservoirs:—Badby, 15,000 gallons; Long Buckby, 200,000 gallons. \*Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard. No action on lead.

**Dawlish Urban District Council.**—Supplies Dawlish U.D. (part).

*Powers.*—Dawlish Order, 1912.

*Limits.*—Dawlish U.D.

*Sources of Supply (Nature and Sufficiency).*—Stream with upland gathering ground of 400 acres, Haldon. The average daily quantity of water obtained is 100,000 gallons, but an unlimited quantity could be obtained.

*Works.*—Filtration, 3,700 gallons per square yard per day. Storage reservoir:—Thorns, 24,000 gallons. Service reservoirs:—Burrows, (a) 250,000 gallons; (b) 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is generally constant.

*Quality of Water.*—Half yearly examination. Analyst remarks (15th May 1913) that the water is satisfactory. Hardness:—total, 0·7°. Acts on lead, but lead pipes not used.

**Denbigh Town Council.**—Supplies Denbigh B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone and shale, upland surface of 1 square mile, Henllan. The average daily quantity of water obtained is 5,000 gallons and a further 10,000 gallons per day could be obtained.

*Works.*—Filtration, 417 gallons per square yard per day. Storage reservoir:—Henllan, 1,339,500 gallons. Service reservoir:—Henllan, 16,875 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (22nd October 1913) that the water is safe for drinking. Hardness:—total, 5°; permanent, 0·8°. No action on lead.



**Denby and Cumberworth Urban District Council.**—Supplies Denby and Cumberworth U.D. (part); Clayton West U.D. (part); Skelmanthorpe U.D. (part); and furnishes a supply in bulk to Penistone R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs (1) in Rusby Wood, Denby; (2) at Moistholme, Denby; (3) Supply in bulk from the executors of the late Walter Norton (*see* page 358). The average daily quantity of water available from each source is, respectively, (1) 36,000 gallons; (2) 1,800 gallons; (3) 24,000 gallons (5,000 gallons taken).

*Works.*—No filtration. Reservoirs:—Rusby Wood, 80,000 gallons; Moistholme, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons and 1,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good, but fairly hard. Acts very slightly on lead.

**Derby Town Council.**—Supplies Derby C.B. (part); Alvaston and Boulton U.D. (part); and parts of parishes of Darley Abbey (Belper R.D.), Mickleover (Repton R.D.), Breadsall, Little Eaton, Littleover, Normanton, Spondon (Shardlow R.D.).

*Powers.*—Derby Waterworks Acts, 1848, 1868, and 1873; Derby Improvement Act, 1879; Derby Corporation Acts, 1890, 1901 and 1913.

*Limits.*—Derby C.B.; Alvaston and Boulton U.D.; and parishes of Allestree, Darley Abbey, Mackworth, Markeaton (Belper R.D.); Mickleover (Repton R.D.); Breadsall, Chaddesden, Little Eaton, Littleover, Normanton, Sinfin Moor (part), Spondon (Shardlow R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Collecting tunnels in valley of River Derwent, in Little Eaton and Allestree; (2) Supply in bulk from the Derwent Valley Water Board (*see* page 169). The average daily quantity of water obtained from each source is, respectively, (1) 2,775,951 gallons, and (2) 654,049 gallons.

*Works.*—Filtration, 500 gallons per square yard per day. Storage reservoirs:—Breadsall, (a) 1,600,000 gallons, (b) 1,200,000 gallons. Service reservoirs:—Breadsall, (a) 1,000,000 gallons, (b) 800,000 gallons; Littleover, 925,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,430,000 gallons. Supply is constant.

*Quality of Water.*—Good—half-yearly chemical and bacteriological examination. Hardness:—total, 8·8°; permanent, 3·5°. No action on lead.

**Desborough Urban District Council.**—Supplies Desborough U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 45 feet, in Northampton Sands; (2) Collecting drain in Northampton Sands and Upper Lias Clay; both near Desborough. The average daily quantity of water available from each source is, respectively, (1) 30,000 gallons; (2) 50,000 gallons.

*Works.*—No filtration. Storage reservoir, Desborough, 50,000 gallons. Service reservoir, Desborough, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 33,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and annual bacteriological examination. Analyst remarks (15th July 1913) that the water is of a high degree of organic and bacterial purity. Hardness:—total, 25·1°; permanent, 5·6°. No action on lead; contains some iron.

**Deudraeth Rural District Council.**—Supplies part of parish of Llandanwg (Deudraeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Caedu. Yield not known.

*Works.*—No filtration. Reservoir:—Caedu, 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional examination. Soft, and acts on lead, but lead pipes are not used.

**Devizes Town Council.**—Supplies Devizes B. (part) and parts of parishes of Bishop's Cannings, Roundway (Devizes R.D.).

*Sources of Supply (Nature and Sufficiency).*—Three wells, in Lower Chalk, on the Downs, near Devizes. The average daily quantity of water available is 190,700 gallons.

*Works.*—No filtration. Storage reservoir, near Devizes, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (4th December 1912) that the water is of a very high degree of purity. Hard, and no action on lead.



**Devonport Town Council.**—Supplies Devonport C.B. (part) and part of parish of Western Peverell (Plympton St. Mary R.D.).

*Powers.*—Devonport Corporation (Water) Act, 1902; Devonport Corporation Act, 1907.

*Limits.*—Devonport C.B. and part of parish of Western Peverell (Plympton St. Mary R.D.).

*Sources of Supply (Nature and Sufficiency).*—West Dart, Cowsic and Blackabrook Rivers, Dartmoor. The average daily quantity of water obtained is 3,096,000 gallons and a further 3,400,000 gallons per day could be obtained.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoir:—Crownhill, 38,500,000 gallons. Service reservoirs:—Belliver, 2,049,000 gallons; Beacon, 1,140,000 gallons; Rowdens, 2,071,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,096,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (11th March 1911) that the water is excellent. Hardness:—total, 2.73°; permanent, 0.91°. No action on lead. Peaty.

**Diss Urban District Council.**—Supplies Diss U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Two boreholes, 400 feet, near Diss. The average daily quantity of water available is 12,322 gallons.

*Works.*—Water is filtered and softened. Reservoir, tank at Water Town, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 12,322 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 46.4°. No action on lead.

**Dolgelley Rural District Council.**—Supplies parts of parishes of (1) Llanenddwyn and (2) Llangelynin (Dolgelley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs near Caerffynon Farm; (2) Springs, intercepted underground, on Parthgyddwch Farm, Llangelynin. The average daily quantity of water derived from each source is, respectively, (1) 57,600 gallons; (2) 50,000 gallons; and a further 50,000 gallons per day could be obtained from (1) and 40,000 gallons from (2).

*Works.*—Water from source (2) only is filtered. Storage reservoir:—Caerffynon Farm, 106,500 gallons. Service reservoirs:—Brynbach Farm, Llanenddwyn, 70,000 gallons; near Llwyngwrl, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Excellent. Hardness:—(1) 1.5°. No action on lead.

**Doncaster Town Council.**—Supplies Doncaster B. (part); Balby with Hexthorpe U.D. (part) Bentley with Arksey U.D. (part), and Wheatley U.D. (part); and parishes of Cantley (part), Carr House and Elmfield, Edlington (part), Warmsworth (part) (Doncaster R.D.).

*Powers.*—Doncaster Corporation Waterworks Acts, 1873 and 1880; Doncaster Orders, 1879 and 1883; Sheffield Corporation Water Act, 1896; Doncaster Corporation Act, 1904.

*Limits.*—Doncaster B.; Balby with Hexthorpe U.D., Bentley with Arksey U.D., and Wheatley U.D.; and parishes of Armthorpe, Cantley, Carr House and Elmfield, Conisbrough, Denaby, Kirk Sandall, Loversall, Sprotbrough, Warmsworth (Doncaster R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Pasture and arable land, 2,517 acres, Thrybergh; (2) Supply in bulk from Sheffield T.C. (see page 128). The average daily quantity of water derived from each source is, respectively, (1) 500,000 gallons; (2) 1,000,000 gallons; and a further 250,000 gallons per day could be obtained from (1).

*Works.*—Filtration, (1) 480 gallons per square yard per day. Storage reservoir:—Thrybergh, 254,500,000 gallons. Service reservoir:—Warmsworth, 1,141,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,410,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (9th January 1914) that the water is good. Hardness, 9.2°. No action on lead.

**Doncaster Rural District Council.**—Supplies parish of Barnbrough (Doncaster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring above St. Helen's Lane. The average daily quantity of water available is 8,640 gallons.

*Works.*—No filtration. Reservoir:—Barnbrough, 42,750 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 27.8°. No action on lead.



**Dorchester Town Council.**—Supplies Dorchester B.

*Sources of Supply (Nature and Sufficiency).*—Well and boring (300 feet), in Chalk, Bridport Road. The average daily quantity of water obtained is 387,000 gallons.

*Works.*—No filtration. Service reservoirs:—Bridport Road, Low Level, 230,000 gallons, High Level, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 387,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (November and December 1913) that the water is quite satisfactory. Hardness, 20°. No action on lead.

**Dorchester Rural District Council.**—Supplies parts of parishes of Frome Vauchurch, Maiden Newton (Dorchester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, supplied by a spring from yellow sand at Maiden Newton. The average daily quantity of water obtained is 16,000 gallons, and a further 50,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Maiden Newton, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (23rd December 1913) that the water is excellent. Hardness:—total, 15°. No action on lead.

**Dore Rural District Council.**—Supplies parts of parishes of (1) Longtown, (2) Peterchurch, and (3) Vowchurch (Dore R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Turnant, Llanveynol, (2) Stotley Hill, (3) Vowchurch Common. Yield not known.

*Works.*—No filtration. Reservoirs:—Longtown, capacity not known; Tank at Peterchurch, 550 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 11°. No action on lead.

**Dover Town Council.**—Supplies Dover B. (part), and part of parish of Hougham Without (Dover R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep well and headings in Chalk, Castle Hill. The average daily quantity of water obtained is 1,250,000 gallons, and a further 1,250,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Castle Hill, (a) 1,000,000 gallons, (b) 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,250,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (6th October 1913) that the water is very satisfactory. Hardness:—total, 17·9°; permanent, 2·3°. No action on lead.

**Driffield Rural District Council.**—Supplies part of parish of Nafferton (Driffield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and boring (266 feet) in Chalk, Nafferton Wolds. The average daily quantity of water obtained is 24,000 gallons, and a further 70,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Nafferton, 48,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—total, 12°, permanent, 4·3°. No action on lead.

**Dulverton Rural District Council.**—Supplies part of parish of Dulverton (Dulverton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Dulverton. The average daily quantity of water obtained is 6,480 gallons.

*Works.*—No filtration. Reservoir:—Rock, 6,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good—annual chemical and bacteriological examination. Fairly soft, but no action on lead.

**Dunmow Rural District Council.**—Supplies parts of parishes of Felsted and Great Dunmow (Dunmow R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole, 302 feet, through clay to Chalk, Mill Lane, Great Dunmow; (2) Spring from sand and gravel in clay, Mill Road, Felsted. Yield not known.



*Works.*—No filtration. Storage reservoir:—Mill Road, Felsted, 10,000 gallons.  
*Service reservoirs:*—Stortford Road, Dunmow, 50,000 gallons; Felsted, 6,000 gallons.  
*Pressure* is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Dursley Rural District Council.**—Supplies parts of parishes of (1) Coaley, (2) Dursley, (3) Kingswood, and (4) Wotton under Edge (Dursley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Inferior Oolite and Upper Lias Clay at Spring Tynning; (2) Well in Lias; (3) Springs from Inferior Oolite and Lias at Sinwell; (4) Springs from Fullers Earth at Hamblins Brake and springs over Lower Lias in Combe Valley. The average daily quantity of water derived from each source is, respectively, (1) and (3) not known; (2) 40,000 gallons, and (4) 200,000 gallons. A further 80,000 gallons per day could be obtained from (2) and 250,000 gallons from (4).

*Works.*—No filtration. *Service reservoirs:*—(1) Spring Tynning, 300 gallons; (2) Whiteway, 92,500 gallons; (3) Sinwell, 6,000 gallons; (4) Symond's Hall, 99,000 gallons. *Pressure* is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (21st October 1913) that the water from (2) is unusually pure.—(1), (3), and (4) good. Hardness, 9°. No action on lead.

**Easingwold Rural District Council.**—Supplies parishes of (1) Aldwark (part), Alne (part), Carlton Husthwaite (part), Flawith, Huby (part), Husthwaite (part), Raskelf (part), Sutton on the Forest (part), Tholthorpe (part), Tollerton (part), Youlton, (2) Coxwold (part), (3) Easingwold (part), (4) Farlington (part) (Easingwold R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) Kilburn; (2) Coxwold; (3) Hanover Farm, Easingwold; (4) Johnson's Farm, Farlington. The average daily quantity of water available from each source is, respectively, (1) 90,780 gallons; (2) not known; (3) 25,000 gallons; (4) 6,000 gallons.

*Works.*—No filtration. *Service Reservoirs:*—(1) Kilburn, 20,000 gallons; (2) Newburgh Park, 10,000 gallons; pressure, (1) and (4) sufficient; (2) and (3) insufficient.

*Quantity of Water supplied.*—(1), (2) and (4) adequate; (3) inadequate.

*Quality of Water.*—Good. Hardness:—(1) 10·1°; (2) 22·4°; (3) 19·9°; (4) hard. No action on lead.

**East Ashford Rural District Council.**—Supplies parts of parishes of Hinxhill, Sevington, Willesborough, and Wye (East Ashford R.D.); and furnishes a supply in bulk to the South Eastern and Chatham Railway Company, who supplies part of Ashford U.D.

*Sources of Supply (Nature and Sufficiency).*—Borehole and well in Lower Greensand, Plumpton, Wye. The average daily quantity of water obtained is 70,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—Water is filtered. *Service reservoir*, 100,000 gallons. *Pressure* is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (7th November 1913) that the water is satisfactory. Hardness:—total, 8·9°; permanent, 5·3°. Acts slightly on lead, but galvanised iron pipes are used. The water contains some iron.

**East Cowes Urban District Council.**—Supplies East Cowes U.D.

*Sources of Supply (Nature and Sufficiency).*—Two wells, 104 feet, and boring 330 feet, Victoria Grove, East Cowes. The average daily quantity of water available is 170,700 gallons.

*Works.*—No filtration. *Storage reservoirs:*—York Avenue, 1,000,000 gallons; Old Newport Road, (a) 420,000 gallons; (b) 100,000 gallons. *Pressure* is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and annual bacteriological examination. Analyst remarks (15th July 1913) that the water is of satisfactory organic and bacterial purity. Hardness:—total, 25·5°; permanent, 19·5°. No action on lead; saline.

**East Dean and United Parishes Rural District Council.**—Supplies parts of parishes of (1), (2), (3) and (4) East Dean and (5) Little Dean (East Dean and United Parishes R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Heading driven into red sandstone, Cinderford; (2) Deep well sunk into red sandstone, Green Bottom, East Dean; (3) Spring at Blakeney Hill; (4) Spring at Horsepool Bottom; (5) Shallow well in red sandstone, and spring, Little Dean. The average daily quantity of water derived from each source is, respectively, (1) 130,000 gallons; (2) 220,000 gallons; (3) 9,000



gallons; (4) 600 gallons; (5) 2,000 gallons. A further 150,000 gallons per day could be obtained from (1) and (2); 5,000 gallons from (3); and 100 gallons from (4).

*Works.*—No filtration. Storage reservoir:—(1) and (2) Greenbottom, 195,000 gallons. Service reservoirs:—(1) and (2) Little Dean Hill, 260,000 gallons; (3) Blakeney Hill, 14,000 gallons; (4) Horsepool Bottom, 1,500 gallons; (5) The Ruffett, Little Dean, 2,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (19th September 1907) that chemically the water from sources (1) and (2) is satisfactory, (3) and (4) excellent, and (5) good. Hardness:—(1) and (2), total, 16·52°; permanent, 10·4°. No action on lead.

**East Dereham Urban District Council.**—Supplies East Dereham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well, 362 feet, in Chalk near East Dereham. The average daily quantity of water obtained is 50,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs, three at East Dereham, 30,000 gallons each; Tower, 35,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total 16° (after softening 8°); permanent, 4°. No action on lead; contains carbonate of iron.

**East Kerrier Rural District Council.**—Supplies parts of parishes of (1) Constantine, (2) Mawnan, (3) Mylor, (4) Perranarworthal, and (5) St. Gluvias (East Kerrier R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Stream, Churchtown; Springs at (2) Mawnan Smith, (3) Flushing, (4) Perranwell, (5) Ponsanorth. Yield not known.

*Works.*—No filtration. Storage reservoir:—(3) Flushing, 63,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. No action on lead.

**East Retford Town Council.**—Supplies East Retford B. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells and borings, 350 feet, in Bunter Beds, near East Retford. The average daily quantity of water obtained is 600,000 gallons, and a further 400,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—tower at East Retford, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 600,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (October 1913) that the water is good. Hardness, 9°. No action on lead.

**East Westmorland Rural District Council.**—Supplies parishes of (1) Brough (part), Brough Sowerby (part), Hillbeck (part), (2) Hartley (part), Kirkby Stephen (part), Winton (part), (3) Kirkby Thore, Newbiggin (part), Temple Sowerby (part), (4) Long Marton (part), (5) Milburn and Milburn Grange, (6) Murton (part), (7) Ormside (part), (8) Orton (part), (9) Tebay (part), (10) Warcop (part) (East Westmorland R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Thornthwaite, Hillbeck; (2) Springs at Coldkeld, Kaber; (3) Spring at Newbiggin Mill; (4) Spring, Knock Pike Allotment; (5) Spring at Marble Scar; (6) Springs from shale at (a) Murton, (b) Hilton; (7) Wakefield Spring; (8) Spring at Scarside, Orton; (9) Stream at Churngill, Tebay; (10) Springs at (a) Bleatarn, and (b) Hayber Hill. The average daily quantity of water available from each source is, respectively, (1) 15,000 gallons; (2) 75,000 gallons; (3) 50,808 gallons; (4) 30,000 gallons; (6) (a) 2,160 gallons, (b) 2,160 gallons; (7) 4,320 gallons; (8) 10,000 gallons; (9) 250,000 gallons; (10) (b) 34,000 gallons; (5) and (10) (a) not known.

*Works.*—No filtration. Service reservoirs:—(1) Thornthwaite, 40,000 gallons; (2) Redgate, 60,000 gallons; (3) Newbiggin, 60,000 gallons; (4) Knock Cross, 12,000 gallons; (5) Marble Scar, 6,500 gallons; (6) Two tanks at Murton, 350 gallons each; (7) Wakefield Spring, 8,500 gallons; (8) Scarside, 6,500 gallons; (9) Churn Gill, 1,875 gallons; (10) (a) Bleatarn, 3,060 gallons; (10) (b) Hayber Gill, 600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) to (5) abundant; (6) to (10) sufficient.

*Quality of Water.*—Good. Hardness:—(1) total 8·5°, permanent 0·5°; (3) total 5·8°, permanent 5·4°; (5) 12°; (7) 17°; (2), (4), (6), (9) and (10) not known. No action on lead.



**Ebbw Vale Urban District Council.**—Supplies Ebbw Vale U.D. (part); Tredegar U.D. (part); and furnishes a supply in bulk to Nantyglo and Blaina U.D.C.

*Powers.*—Ebbw Vale Orders, 1875 and 1880; Ebbw Vale Water Acts, 1904 and 1913.

*Limits.*—Ebbw Vale U.D.; Tredegar U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Upland gathering ground, Llangynidr Mountain. The average daily quantity of water available is 2,000,000 gallons.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoirs:—Llangynidr, 72,000,000 gallons; Carno, 188,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 710,000 gallons and 230,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 3·2°. Acts on lead, but lead pipes are not used.

**Edeirnion Rural District Council.**—Supplies parts of parishes of (1) Bettws Gwerfil Goch, (2) Corwen, Llansantffraid Glyn Dyfrdwy, (3) Gwyddelwern, (4) Llandrillo, (5) Llansantffraid Glyn Dyfrdwy (Edeirnion R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring; (2) (4) and (5) Upland springs; (3) Well. The average daily quantity of water derived from each source is, respectively, (1) 696 gallons; (2) 3,000 gallons; (3) 1,848 gallons; (4) 6,480 gallons; (5) 2,040 gallons. A further 464 gallons per day could be obtained from (1); 2,250 gallons from (2); 1,232 gallons from (3); 6,480 gallons from (4); and 1,360 gallons from (5).

*Works.*—No filtration. Service reservoirs:—(1) Bettws, 1,200 gallons; (2) Corwen, 5,250 gallons; (4) Llandrillo, 7,520 gallons; (5) Glyndyfrdwy, 3,520 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Moderate hardness. No action on lead and in (1), (3), (4) and (5) galvanised iron pipes are used. Water contains a trace of iron.

**Egremont Urban District Council.**—Does not yet supply any water.

*Powers.*—Egremont Urban District Water Act, 1912.

*Limits.*—Egremont U.D.

*Sources of Supply (Nature and Sufficiency).*—Wormgill Beck.

*Works.*—In course of construction.

**Ely Urban District Council.**—Supplies Ely U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well at Isleham, Cambridge. The average daily quantity of water available is 178,750 gallons.

*Works.*—No filtration. Service reservoir:—Cambridge Road, 320,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 148,386 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (17th March 1909) that chemically the water is fit for drinking. Hardness not known. No action on lead.

**Ely Rural District Council.**—Supplies part of parish of Haddenham (Ely R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring in gravel pit, Aldreth. The average daily quantity of water obtained is 300 gallons, and a further 200 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Aldreth, 5,550 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Generally good, but rather hard. No action on lead.

**Epsom Urban District Council.**—Supplies Epsom U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Two deep wells (connected by adit) with boring 400 feet in Chalk, East Street. The average daily quantity of water obtained is 663,000 gallons.

*Works.*—No filtration. Service reservoirs:—Epsom Downs, 781,700 gallons; Burgh Heath Road, 149,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 663,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (23rd July 1913) that the water is satisfactory. Hardness:—total 17·6°, permanent 2·1°. No action on lead.

**Erpingham Rural District Council.**—Supplies parishes of (1) Holt (part), (2) Kelling (part), (3) Knapton (part), Mundesley (Erpingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Chalk at Holt; (2) Spring at Kelling; (3) Well in Chalk at Mundesley. The average daily quantity of water



derived from each source is, respectively, (1) 55,000 gallons; (2) abundant; (3) 25,000 gallons. A further 50,000 gallons per day could be obtained from (1) and 20,000 gallons from (3).

*Works.*—No filtration. Service reservoirs:—(1) Shirehall Plain, 15,000 gallons; (3) Gimingham, 50,000 gallons. Pressure, (1) and (3) sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, 15°. No action on lead.

**Evesham Town Council.**—Supplies Evesham B. (part); and furnishes supplies in bulk to Evesham R.D.C.\* and Pebworth R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs from Inferior Oolite overlying Upper Lias, (1) Middle Hill, Broadway, (2) Brockhamptons, Snowhill. The average daily quantity of water available from each source is, respectively, (1) 253,076 gallons; (2) 197,846 gallons.

*Works.*—No filtration. Service reservoirs:—Childswickham, (a) 130,000 gallons; (b) 475,000 gallons; (c) 2,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons and 38,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and monthly bacteriological examination. Analyst remarks (15th November 1913) that the water is good. Hardness:—total 13·6°, permanent 3°. No action on lead.

**Evesham Rural District Council.**—Supplies part of parish of Broadway (Evesham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Broadway Hills. The average daily quantity of water obtained is 29,400 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Broadway, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (23rd August 1913) that the water is good. Hardness:—total 12·7°, permanent 3·5°. No action on lead.

**Exeter Town Council.**—Supplies Exeter C.B. (part); and parts of parishes of Alphington, Pinhoe, Poltimore, Topsham, Whitestone (St. Thomas R.D.).

*Powers.*—Exeter Corporation Water Act, 1878.

*Limits.*—Exeter C.B.; and parishes of Alphington and Pinhoe (St. Thomas R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Exe, intake at North Bridge. The average daily quantity of water obtained is 2,000,000 gallons, and a further 7,000,000 gallons per day could be obtained.

*Works.*—Filtration, 451 gallons per square yard per day. Service reservoirs:—Danes Castle, 4,396,300 gallons; Mary Pole Head, 1,086,880 gallons; Intermediate, 528,759 gallons; St. Thomas, 461,825 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,000,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (17th November 1913) that the water is excellent. Hardness:—total 3·7°, permanent 0·9°. No action on lead.

**Exmouth Urban District Council.**—Supplies Exmouth U.D. (part); Budleigh Salterton U.D. (part); and part of parish of East Budleigh (St. Thomas R.D.).

*Powers.*—Exmouth Urban District Water Acts, 1900 and 1910.

*Limits.*—Exmouth U.D.; and parish of East Budleigh (St. Thomas R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 435 acres, East Budleigh Common, Lympstone Common and Withycombe Common; (2) Upland surface, 290 acres, Bicton Common; (3) Borehole at Dotton. The average daily quantity of water available from each source is, respectively, (1) 225,000 gallons; (2) 196,000 gallons; (3) 1,000,000 gallons (emergency supply).

*Works.*—Filtration, 375 gallons per square yard per day. Storage reservoir:—Squabmoor, 12,500,000 gallons. Service reservoirs:—Low Level, 156,000 gallons, High Level, (a) 92,000 gallons, (b) 92,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 388,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (15th December 1913) that the water is satisfactory. Hardness:—total 1·1°, permanent 0·63°. Acts on lead, but lead pipes are not allowed.

\* Evesham T.C.—The supply to Evesham R.D.C. will be shortly discontinued.



**Fairfield Urban District Council.**—Supplies Fairfield U.D. (part).*Powers.*—Fairfield Local Board Waterworks Act, 1874.*Limits.*—Fairfield U.D. (part).*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground (1 square mile) and spring from limestone, Waterswallows Green; (2) Gathering ground (3 square miles) and spring from grit, Black Edge; (3) Gathering ground (2 square miles) and spring from grit, Turner Lodge. The average daily quantity of water derived from each source is, respectively, (1) 13,000 gallons; (2) 30,000 gallons; (3) 40,000 gallons. A further 1,500 gallons per day could be obtained from (1), 80,000 gallons from (2), and 20,000 gallons from (3).*Works.*—No filtration. Reservoirs:—Waterswallows Green, 100,000 gallons; Black Edge, 1,000,000 gallons; Turner Lodge, 4,000,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.*Quality of Water.*—Occasional examination. Analyst remarks (29th January 1909) that chemically the water from sources (1) and (3) is satisfactory, and (14th June 1911) (2) very pure. Hardness:—(1) total, 8.26°; permanent, 7.7°; (2) 3.0°; (3) total, 4.2°; permanent, 4.0°. No action on lead.**Fareham Urban District Council.**—Supplies Fareham U.D. (part).*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, Portsdown Hills. The average daily quantity of water obtained is 291,800 gallons.*Works.*—No filtration. Service reservoirs:—Portsdown Hill, near Fort Wallington, 120,000 gallons; Uplands (a) 4,000 gallons, (b) 4,000 gallons; Red Barn Farm, 20,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 291,800 gallons. Supply is constant.*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks that the water is satisfactory. Hardness, 12.1°. No action on lead.**Faringdon Rural District Council.**—Supplies parts of parishes of (1) Bourton, (2) Great Faringdon, (3) Kingstone Lisle, (4) Lechlade, (5) Uffington (Faringdon R.D.).*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Chalk at Ashbury; (2) Well and boring in Corallian formation at Faringdon; (3) Spring from Chalk at Fawler; (4) Well and boring in gravel at Lechlade; (5) Spring from Chalk at Britchcombe, Uffington. The average daily quantity of water derived from each source is, respectively, (1) 2,500 gallons; (2) 41,500 gallons; (3) 150 gallons; (4) 10,000 gallons; (5) 7,170 gallons, and a further 52,830 gallons per day could be obtained from (5).*Works.*—No filtration. Service reservoirs:—(1) Ashbury, 10,000 gallons; (2) Faringdon, 200,000 gallons; (3) Fawler, 50 gallons; (4) Lechlade, (a) 10,000 gallons, (b) 30,000 gallons; (5) Britchcombe, Uffington, 2,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—Ample.*Quality of Water.*—Good, and not very hard. No action on lead.**Faversham Rural District Council.**—Supplies parts of parishes of Boughton under Blean, Dunkirk, Hernhill (Faversham R.D.).*Sources of Supply (Nature and Sufficiency).*—Well, 101 feet, in Chalk, Bushey Close, Boughton. The average daily quantity of water obtained is 12,000 gallons, and a further 13,000 gallons per day could be obtained.*Works.*—No filtration. Storage reservoir, Horse Lees, Dunkirk, 60,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—Sufficient.*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (18th November 1913) that the water is satisfactory. Hardness:—total, 25.9°; permanent, 6.2°. No action on lead.**Ffestiniog Urban District Council.**—Supplies Ffestiniog U.D. (part).*Sources of Supply (Nature and Sufficiency).*—Upland surface, 120 acres, and Morwynion Lake, Ffestiniog. Yield not known.*Works.*—No filtration. No reservoir. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 232,300 gallons. Supply is constant.*Quality of Water.*—Good. Hardness, 1°. Lead pipes are not used.**Filey Urban District Council.**—Supplies Filey U.D.; parishes of Hunmanby (part) (Bridlington R.D.); Grinstead, Leeburton (part) (Scarborough R.D.); and Muston (part) (Sherburn R.D.).*Powers.*—Filey Water and Gas Act, 1898; Filey Improvement Act, 1904.

\* Pressure filters and a service reservoir are now under construction.



*Limits.*—Filey U.D., parishes of Gristhorpe and Lebberston (Scarborough R.D.), and Muston (Sherburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well with borehole, 375 feet, in calcareous grit, Filey; (2) Gathering ground, 300 acres, and springs from Boulder Clay, Hunmanby. The average daily quantity of water derived from each source is, respectively, (1) 75,000 gallons; (2) 24,000 gallons, and a further 55,000 gallons per day could be obtained from (1).

*Works.*—Water from source (2) only is filtered. Storage reservoirs:—Hunmanby, (a) 3,000,000 gallons, (b) 2,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (February and March 1912) that the water is of a high degree of organic and bacterial purity. Hardness:—total, 14°; permanent, nil. No action on lead; contains some chlorides.

**Finedon Urban District Council.**—Supplies Finedon U.D. (part).

*Powers.*—Finedon Urban District Water Act, 1902.

*Limits.*—Finedon U.D.

*Sources of Supply (Nature and Sufficiency).*—Wells sunk into Marlstone at Finedon. The average daily quantity of water obtained is 17,400 gallons, and a further 13,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Wellingborough Road, 175,000 gallons; tower, 36,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 17,400 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (8th August 1908) that the water is satisfactory. Hardness, 4.75°. No action on lead; water is saline.

**Fowey Town Council.**—Supplies Fowey B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at (a) Trezare, (b) Higher Penventinue, (c) Lower Penventinue, (d) Lescrow. The average daily quantity of water derived from each source is, respectively, (a) 43,200 gallons, (b) 28,000 gallons, (c) 43,200 gallons, (d) 57,600 gallons.

*Works.*—No filtration. Reservoirs:—Great Windmill, 400,000 gallons; Little Windmill, 15,000 gallons, (a) Trezare 300,000 gallons, (b) Higher Penventinue 45,000 gallons, (c) Lower Penventinue 90,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Insufficient.

*Quality of Water.*—Good, and soft. Acts on lead, but lead pipes are not used. Water contains some iron.

**Frome Urban District Council.**—Supplies Frome U.D. (part), and furnishes a supply in bulk to Frome R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well in limestone at Egford. The average daily quantity of water obtained is 390,000 gallons, and a further 500,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir, Cottles Oak, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 330,000 gallons and 60,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (24th December 1913) that chemically the water is quite satisfactory. Hardness:—total, 18.2°; permanent, 5.18°. No action on lead.

**Frome Rural District Council.**—Supplies parts of parishes of (1) Buckland Denham, (2) Hemington, (3) Kilmersdon, (4) Leigh upon Mendip, (5) Mells, (6) Marston Bigot, Nunney, and (7) Wanstrow (Frome R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, Lydes Water, Buckland Denham; (2) Hemington Spring from sandstone; (3) Whitehole Spring from limestone; (4) Tadhill Spring from limestone; (5) Vobster Spring from limestone; (6) Spring, Gaerhill, Marston Bigot; (7) Spring, Wanstrow. The average daily quantity of water derived from each source is, respectively, (1) 6,000 gallons, (2) 1,000 gallons, (3) 14,000 gallons, (4) 5,500 gallons, (5) 1,000 gallons, (6) 35,000 gallons, (7) 8,000 gallons. A further 10,000 gallons per day could be obtained from (1); 500 gallons from (2); 72,000 gallons from (3); 6,500 gallons from (4); 11,000 gallons from (6), and 4,000 gallons from (7).

*Works.*—No filtration. Service reservoirs:—(1) Lydes Water, 170 gallons; (3) Lipyeat, 36,450 gallons; (4) Leigh Village, 2,400 gallons; (5) Lower Vobster, 4,000 gallons; (6) Nunney Catch, 20,000 gallons; (7) Wanstrow, 10,000 gallons. Pressure, (1), (3), (6), and (7) sufficient.



*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory, except (7)—occasional chemical examination. Hardness:—(1) 26·5°; (2) 20·5°; (3) 19°; (4) 13°; (5) 24°; (6) and (7), soft. No action on lead.

**Fulwood Urban District Council.**—Supplies Fulwood U.D. and parts of parishes of Myerscough (Garstang R.D.), Barton, Broughton, Elston, Goosnargh, Grimsargh with Brockholes, Houghton, Lea Ashton Ingol and Cottam, Ribbleson, Whittingham (Preston R.D.), and furnishes a supply in bulk to Preston R.D.C.

*Powers.*—Fulwood and Whittingham Water Act, 1882; Fulwood Local Board Act, 1885; Fulwood Local Board (Water) Act, 1894; Fulwood Order, 1911.

*Limits.*—Fulwood U.D., and parishes of Broughton, Goosnargh, Grimsargh with Brockholes (part), Houghton, Lea Ashton Ingol and Cottam (part), Whittingham (part) (Preston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surface, 300 acres, Beacon Fell, Goosnargh. The average daily quantity of water available is 600,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Barnsfold, Beacon Fell (a) 42,000,000 gallons, (b) 39,000,000 gallons. Service reservoir:—Houghton, 4,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 405,000 gallons and 8,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (29th July 1913) that the water is good. Hardness:—total, 5°; permanent, nil. No action on lead.

**Gainsborough Urban District Council.**—Supplies Gainsborough U.D. (part), and part of parish of Morton (Gainsborough R.D.).

*Powers.*—Gainsborough Waterworks Act, 1865.

*Limits.*—Gainsborough U.D. and parish of Morton (part) (Gainsborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two deep wells, 1,500 and 1,350 feet, in New Red Sandstone, Gainsborough. The average daily quantity of water obtained is 550,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs near pumping station:—(a) 656,000 gallons; (b) 1,004,000 gallons; (c) 6,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 412,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (5th December 1907) that chemically the water is excellent. Hardness:—total, 24°; permanent, 15°. No action on lead.

**Geirionydd Rural District Council.**—Supplies parts of parishes of (1) Dolwyddelan, (2) Penmachno, (3) Trefriw (Geirionydd R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface at Moel Siabod; (2) Springs; (3) Crafnant Lake.\* The average daily quantity of water derived from each source is, respectively, (1) 25,000 gallons, (2) not known, (3) 41,700 gallons. A further 120,380 gallons per day could be obtained from (3).

*Works.*—No filtration. Storage reservoir:—Moel Siabod, 3,267,000 gallons. Service reservoirs:—(2) Penmachno, (a) 10,575 gallons, (b) 12,130 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) and (3) ample; (2) inadequate.

*Quality of Water.*—Good, but fairly hard. No action on lead. Water contains iron.

**Glanford Brigg Rural District Council.**—Supplies parts of parishes of (1) Bonby, (2) Horkstow, (3) Kirton in Lindsey, (4) Melton Ross, (5) Saxby All Saints, (6) South Ferriby, (7) Worlaby (Glanford Brigg R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1), (2), (5), (6) and (7) Springs on wolds; (3) Ashwell spring; (4) Spring. Yield not known.

*Works.*—No filtration. Reservoirs:—Bonby, 600 gallons; Horkstow, 1,200 gallons; Melton Ross, 728 gallons; Saxby, 9,625 gallons; South Ferriby, 2,162 gallons; Worlaby, 4,296 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard.

\* Geirionydd R.D.C.—Source (3) (Crafnant Lake) is used jointly with Llanrwst U.D.C. (Llanrwst and Trefriw Joint Water Committee).



**Glaslyn Rural District Council.**—Supplies part of parish of Dolbenmaen (Glaslyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Penmorfa. Yield not known.

*Works.*—Water is filtered. Storage reservoir:—Penmorfa, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, and soft. Lead pipes are not used.

**Glastonbury Town Council.**—Supplies Glastonbury B. (part); and parts of parishes of Pilton (Shepton Mallet R.D.); North Wootton (Wells R.D.); and furnishes a supply in bulk to Wells R.D.C.

*Powers.*—Glastonbury Water Act, 1899.

*Limits.*—Glastonbury B., and parishes of Pilton (Shepton Mallet R.D.), North Wootton, Sharpsham, West Pennard (Wells R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Dolomitic Conglomerate, West Compton, Pilton; (2) Spring from Upper Lias, Ringwell, Pilton; (3) Spring from Midford Sand, Wellhouse, Glastonbury. The average daily quantity of water available from each source is, respectively, (1) 100,000 gallons; (2) 30,000 gallons; (3) 28,000 gallons.

*Works.*—No filtration. Storage reservoir:—Edgarley, 5,000,000 gallons. Service reservoirs:—Wellhouse, 138,000 gallons; Stonedown, 100,000 gallons; Summer House Orchard, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 90,000 gallons, and 4,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 21·4°.

**Glemsford Urban District Council.**—Supplies Glemsford U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Artesian borehole, 520 feet, through Boulder Clay and sand into Chalk, Glemsford. The average daily quantity of water obtained is 7,000 gallons, and a further 53,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Tye Green, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 7,000 gallons. Supply is constant.

*Quality of Water.*—Pure—occasional chemical examination. Hardness:—total, 28·5°, permanent, 10°. No action on lead; contains some iron.

**Glendale Rural District Council.**—Supplies parish of Lowick (Glendale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from limestone, Lowick. The average daily quantity of water obtained is 4,000 gallons.

*Works.*—No filtration. Service reservoir:—Lowick, 1,200 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Good, but rather hard. No action on lead.

**Glossop Town Council.**—Supplies Glossop B. (part).

*Powers.*—Glossop Waterworks Act, 1865.

*Limits.*—Glossop B.

*Sources of Supply (Nature and Sufficiency).*—Upland surface, 500 acres, Blakemoor and Blackshaw Clough, Charlesworth. The average daily quantity of water obtained is 400,000 gallons, and a further 450,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Swineshaw, 56,000,000 gallons; Top, Swineshaw, 5,000,000 gallons; Cote, 5,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 400,000 gallons. Supply is constant.

*Quality of Water.*—Excellent, and soft. No action on lead.

**Gloucester Town Council.**—Supplies Gloucester C.B.; and parts of parishes of Barnwood, Brockworth, Hempsted, Highnam Over and Linton, Hucclecote, Longford, Matson, Upton St. Leonards, Wotton St. Mary Without, Wotton Vill (Gloucester R.D.); and furnishes a supply in bulk to Newent R.D.C.

*Powers.*—Gloucester Waterworks Act, 1855; Gloucester Corporation Acts, 1894 and 1911.

*Limits.*—Gloucester C.B., and parishes of Badgeworth, Great Witcombe (Cheltenham R.D.); Barnwood, Brockworth, Churchdown, Hempsted, Hucclecote, Longford, Matson, Quedgeley (part), Sandhurst, Twigworth, Upton St. Leonards, Whaddon (part), Wotton St. Mary Without, Wotton Vill (Gloucester R.D.).



*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, 260 acres, Robinswood Hill; (2) Gathering ground, 1,500 acres, Witcombe; (3) Well in New Red Sandstone, Oxenhall, Newent. The average daily quantity of water available from each source is, respectively, (1) 70,000 gallons; (2) 900,000 gallons; (3) 750,000 gallons.

*Works.*—Water from sources (1) and (2) is filtered—pressure filters. Storage reservoirs:—Robinswood Hill (a) 9,000,000 gallons, (b) 1,000,000 gallons; Witcombe (a) 60,000,000 gallons, (b) 30,000,000 gallons, (c) 30,000,000 gallons. Service reservoirs:—Madam's Wood, Newent, (a) 600,000 gallons, (b) 1,200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,200,000 gallons, and 3,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Satisfactory—(1) and (2) fortnightly, (3) occasional, chemical and bacteriological examination. Hardness:—(1) total,  $22.4^{\circ}$ ; permanent,  $7.7^{\circ}$ ; (2) total,  $13.6^{\circ}$ ; permanent,  $3.8^{\circ}$ ; (3) total,  $28.74^{\circ}$ ; permanent,  $9.23^{\circ}$ . No action on lead.

**Glyncorwg Urban District Council.**—Supplies Glyncorwg U.D. (part).

*Powers.*—Glyncorwg Urban District Council Act, 1908.

*Limits.*—Glyncorwg U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Nantryallor Brook and gathering ground, 550 acres, over Pennant Grit; (2) Springs tapped underground at Abergwynfi. The average daily quantity of water derived from each source is, respectively, (1) 80,000 gallons; (2) 70,000 gallons; and a further 150,000 gallons per day could be obtained from (1), and 90,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Glyncorwg, tanks (a) 30,000 gallons, (b) 30,000 gallons; Abergwynfi, tank, 3,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (24th December 1913) that chemically there is no evidence of contamination and that the water is of a high degree of bacterial purity. Hardness,  $2.2^{\circ}$ . Lead pipes not allowed.

**Gnosall Rural District Council.**—Supplies part of parish of Gnosall (Gnosall R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Audmore. The average daily quantity of water obtained is 4,500 gallons.

*Works.*—No filtration. Reservoir:—Audmore, 11,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—total,  $15.06^{\circ}$ ; permanent,  $11^{\circ}$ . No action on lead.

**Godalming Town Council.**—Supplies Godalming B. (part); and parts of parishes of Compton, Godalming Rural (Guildford R.D.); Bramley, Hambledon, Hascombe, Shalford, Witley (Hambledon R.D.).

*Powers.*—Godalming Corporation Water Act, 1899.

*Limits.*—Godalming B.; and parishes of Compton (part), Godalming Rural (Guildford R.D.); Bramley, Elstead (part), Hambledon (part), Hascombe (part), Peper Harow, Shalford (part), Witley (part) (Hambledon R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Lower Greensand, Catteshall; (2) Boring in Lower Greensand, Peperharow Road; (3) Well in Lower Greensand, Peperharow Road; (4) Well in Lower Greensand, Borough Road; (5) Three wells in gravel beds, Wey Valley; (6) Borings and wells in Lower Greensand, Ockford. The average daily quantity of water available from each source is, respectively, (1) 120,000 gallons; (2) 130,000 gallons; (3) 30,000 gallons; (4) 160,000 gallons; (5) 430,000 gallons; (6) 500,000 gallons.

*Works.*—No filtration. Service reservoirs:—Frith Hill, (a) 411,000 gallons, (b) tower, 21,000 gallons; Munstead, (a) 200,000 gallons, (b) tower, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 500,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and frequent bacteriological examination. Analyst remarks (25th October 1913) that the water is of a high degree of organic purity. Hardness:—total,  $14^{\circ}$ ; permanent,  $3.1^{\circ}$ . No action on lead.

**Goole Urban District Council.**—Supplies Goole U.D., and furnishes a supply in bulk to Goole R.D.C.

*Powers.*—Goole and District Gas and Water Act, 1881; Goole Order, 1896; Goole Urban District Council Act, 1899.

*Limits.*—Goole U.D., and parishes of Airmyn, Hook, and Rawcliffe (Goole R.D.).



*Sources of Supply (Nature and Sufficiency).*—Three wells in red sandstone, Pollington. The average daily quantity of water obtained is 520,000 gallons, and a further 230,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 518,614 gallons, and 1,386 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—periodical chemical examination. Hardness, 10°. No action on lead.

**Goole Rural District Council.**—Supplies part of parish of Snaith and Cowick (Goole R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boreholes in red sandstone at Pollington. The average daily quantity of water obtained is 600,000 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 600,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 8°. No action on lead.

**Grange Urban District Council.**—Supplies Grange U.D. (part); and part of parish of Upper Holker (Ulverston R.D.); and furnishes a supply in bulk to Ulverston R.D.C.

*Powers.*—Grange Order, 1877.

*Limits.*—Grange U.D.

*Sources of Supply (Nature and Sufficiency).*—Upland surface, 120 acres, Whitestone and Longmire Allotments, Newton in Cartmel. The average daily quantity of water available is 300,000 gallons.

*Works.*—Filtration, 1,000 gallons per square yard per day. Storage reservoirs:—Newton in Cartmel, (a) 21,650,000 gallons; (b) 12,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 155,000 gallons, and 30,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Satisfactory—annual chemical examination. Hardness:—total, 3·24°; permanent, 1·49°. No action on lead.

**Grasmere Urban District Council.**—Supplies Grasmere U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Tongue Ghyll Stream, between Fairfield and Helvellyn. The average daily quantity of water obtained is 25,000 gallons.

*Works.*—No filtration. Reservoir:—At head of Tongue Ghyll Stream, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.

*Quality of Water.*—Excellent, and soft. No action on lead; contains some iron.

**Great Ouseburn Rural District Council.**—Supplies parish of Green Hammerton (Great Ouseburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole in red sandstone at Green Hammerton. The average daily quantity of water available is 51,840 gallons.

*Works.*—No filtration. Reservoir, Green Hammerton, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 19,200 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (11th August 1909) that the water is organically pure. Hardness, 23°. No action on lead.

**Great Torrington Town Council.**—Supplies Great Torrington B. (part).

*Sources of Supply (Nature and Sufficiency).*—Small streams and gathering ground, 150 acres, Darracott Moors. The average daily quantity of water available is 60,000 gallons.

*Works.*—Filtration, 575 gallons per square yard per day. Storage reservoir:—Blagadon Farm, 13,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (16th October 1913) that the water is of good natural purity. Hardness:—total, 2·94°; permanent, 1·96°. No action on lead.

**Guildford Town Council.**—Supplies Guildford B. (part); and parts of parishes of Artington (Guildford R.D.); Shalford (Hambleton R.D.).

*Powers.*—Guildford Corporation Act, 1886.

*Limits.*—Guildford B.; and parishes of Artington (Guildford R.D.); Shalford (part) (Hambleton R.D.).



*Sources of Supply (Nature and Sufficiency).*—(1) Well, 36 feet, and borehole, 334 feet, in Chalk, (2) Borehole, 328 feet, in Chalk (both on island in River Wey at Millmead), (3) Occasional supply in bulk from Woking Water and Gas Company (*see* page 228). The average daily quantity of water available from (1) and (2) is 2,333,378 gallons.

*Works.*—No filtration. Service reservoirs:—South Street, (a) 300,000 gallons, (b) 150,000 gallons; Semaphore Road, (a) 400,000 gallons, (b) 200,000 gallons; Albury Road, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 935,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and quarterly bacteriological examination. Analyst remarks (2nd October 1913) that the water is excellent. Hardness:—total, 14.5°; permanent, 4.2°. No action on lead.

**Guisborough Rural District Council.**—Supplies parishes of (1) and (2) Danby (part) and (3) Newton (Guisborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) On Moor, Castleton; (2) On Moor, Ainthorpe; (3) Roseberry. The average daily quantity of water derived from each source is, respectively, (1) 20,000 gallons; (2) 30,000 gallons; (3) 3,000 gallons. A further 24,000 gallons per day could be obtained from (1); 27,000 gallons from (2); and 1,800 gallons from (3).

*Works.*—No filtration. Storage reservoirs:—(1) Castleton, 20,000 gallons; (2) Ainthorpe, 11,000 gallons; (3) Roseberry, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. Water from source (1) acts slightly on lead, but is not treated.

**Gwyrfai Rural District Council.**—Supplies parts of parishes of (1) Bettws Garmon, (2) Llanddeiniolen, (3) Llandwrog, (4) Llanfairis Gaer, (5) Llanllyfni, (6) Llanrug, (7) Llanwnda (Gwyrfai R.D.).

*Powers.*—Gwyrfai District Water Act, 1900, (parish of Llanllyfni), and Public Health Act, 1875.

*Sources of Supply (Nature and Sufficiency).*—(1) Stream; (2), (3), (4), (6), and (7) Springs; (5) Cwm Dulyn Lake. Yield not known.

*Works.*—No filtration. Storage reservoirs:—(2) Ebenezer, Llanddeiniolen, 4,000 gallons; (4) Port Dinorwic, Llanfairis gaer, 45,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1), (3), (5), (6), and (7) ample; (2) and (4) very scarce.

*Quality of Water.*—Good, and soft. The water from source (5) acts on lead, but tin-lined pipes are used.

**Hadham Rural District Council.**—Supplies part of parish of Much Hadham (Hadham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 312 feet, in Chalk at Much Hadham. The average daily quantity of water obtained is 10,300 gallons, and a further 74,400 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Much Hadham, 68,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very good. Hardness, 17°. No action on lead.

**Halifax Town Council.**—Supplies Halifax C.B. (part); Luddenden Foot U.D. (part); Southowram U.D. (part); and part of parish of Norwood Green and Coley (Halifax R.D.); and furnishes supplies in bulk to Batley T.C. (*see* page 13); Brighouse T.C. (*see* page 25); Dewsbury T.C., who also supply part of Horbury U.D. and furnish a supply in bulk to Wakefield R.D.C.; Morley T.C. (*see* page 94); Elland U.D.C., who also supply part of parish of Fixby (Halifax R.D.); Greetland U.D.C., Hebden Bridge U.D.C., Hipperholme U.D.C., who also supply part of parish of Clifton (Halifax R.D.); Mytholmroyd U.D.C., Sowerby Bridge U.D.C., who also supply part of parish of Norland (Halifax R.D.); and Halifax R.D.C.

*Powers.*—Halifax Improvement Act, 1853; Halifax Park and Improvement Act, 1858; Halifax Corporation Waterworks and Improvement Act, 1868; Halifax Water and Gas Extension Acts, 1870 and 1876; Halifax Order, 1881; Halifax Corporation Waterworks Act, 1888; Halifax Corporation Acts, 1898, 1900, 1902, and 1911.

*Limits.*—Halifax C.B.; Brighouse B. (part); Elland U.D.; Greetland U.D.; Hebden Bridge U.D.; Hipperholme U.D.; Midgley U.D.; Southowram U.D.; Sowerby U.D.; and parishes of Clifton, Hartshead, Norland, Norwood Green and Coley, Upper Greetland (part) (Halifax R.D.); Heptonstall, Wadsworth (Todmorden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces (moorland over Millstone Grit) (1) Wadsworth and Heptonstall, 2,223 acres; (2) Walshaw Dean, Wadsworth, 2,325 acres; (3) Warley, Midgley and Oxenhope, 1,444 acres; (4) Ovenden, 1,330 acres. The average daily quantity of water available from each source is, respectively, (1) 4,000,000 gallons; (2) 4,000,000 gallons; (3) 3,000,000 gallons; (4) 2,500,000 gallons.



*Works.*—Part of the water is filtered, pressure filters. Storage reservoirs:—(1) Widdop, 640,511,000 gallons; (2) Walshaw Dean, (a) 204,945,000 gallons, (b) 244,354,000 gallons, (c) 159,971,000 gallons; (3) Warley Moor, 193,251,000 gallons; Dean Head, (a) 59,143,000 gallons, (b) 63,012,000 gallons; Castle Carr, 2,629,000 gallons; (4) Ogden, 221,806,000 gallons; Mixenden, 106,122,000 gallons. Service reservoirs:—Ramsden Wood, Ovenden, 11,295,000 gallons; Royles Head, Halifax, 6,013,000 gallons; Albert, 27,341,000 gallons; Victoria, 12,209,000 gallons; Hanson Lane, 2,594,000 gallons; Gibbet, 26,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,750,000 gallons, and 2,250,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Fair—bi-monthly chemical examination. Hardness, 4·06°. Acts on lead, and is treated with lime.

**Halifax Rural District Council.**—Supplies parts of parishes of (1) Norland and (2) Upper Greetland (Halifax R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) at Norland Moor, (2) at Greetland Moor. The average daily quantity of water derived from each source is, respectively, (1) 47,000 gallons; (2) 11,000 gallons.

*Works.*—No filtration. Storage reservoirs—Norland Moor, 72,000 gallons; Upper Greetland Moor, 68,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Generally good, and soft. No action on lead.

**Halstead Urban District Council.**—Supplies Halstead U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells bored into Chalk, (1) Colne Road, Halstead; (2) Parsonage Street, Halstead. The average daily quantity of water available from each source is, respectively, (1) 50,000 gallons; (2) 140,000 gallons.

*Works.*—No filtration. Service reservoirs:—Colne Road, (a) 84,000 gallons; (b) 42,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 140,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks that chemically the water is satisfactory. Hardness, 20·6°. No action on lead.

**Halstead Rural District Council.**—Supplies Earl's Colne (part) (Halstead R.D.).\*

*Sources of Supply (Nature and Sufficiency).*—Well, with boring (265 feet), through London Clay to Chalk, at Earl's Colne. The average daily quantity of water available is 132,000 gallons.

*Works.*—No filtration. Reservoir, Earl's Colne, 39,000 gallons.

*Quantity of Water supplied.*—Not yet known.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (4th October 1912) that the water is quite well adapted for all the purposes of a public supply. Hardness:—total, 26°; permanent, 6°. No action on lead.

**Haltwhistle Rural District Council.**—Supplies parts of parishes of (1) Bellister, Haltwhistle, Plenneller; (2) Haltwhistle; (3) Melkridge; (4) Thirlwall (Haltwhistle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous Limestone, (1) Coanwood Fells; (2) Haltwhistle; (3) near Melkridge; (4) Thirlwall. The average daily quantity of water derived from each source is, respectively, (1) 80,000 gallons; (2) 4,500 gallons; (3) 4,300 gallons; (4) 9,100 gallons. A further 160,000 gallons per day could be obtained from (1); 4,500 gallons from (2); 11,000 gallons from (3); and 12,500 from (4).

*Works.*—No filtration. Storage reservoirs:—(1) Cawfields, Haltwhistle, 12,000 gallons; (4) Loan Top, Gilsland, 18,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent. Hardness:—(1) and (3) fairly hard; (2) 5·7°; (4) 13°. No action on lead.

**Hambledon Rural District Council.**—Supplies parts of parishes of St. Martha (Chilworth) and Womersh (Hambledon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and wells, Brooks Wood, Tangley Mere. The average daily quantity of water obtained is 30,000 gallons, and a further 25,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—St. Martha's Hill, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Biennial chemical and bacteriological examination. Analyst remarks (10th May 1913) that the water is pure and wholesome. Hardness:—total, 8°; permanent, 4°. Acts slightly on lead, but lead pipes are not allowed. Water contains a trace of iron.

\* Halstead R.D.C.—This supply has not yet been completed (see page 268)



**Hardingstone Rural District Council.**—Supplies parts of parishes of (1) Brafield on the Green and (2) Denton (Hardingstone R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells at (1) Brafield, (2) Denton. The average daily quantity of water available from each source is, respectively, (1) 34,000 gallons, (2) 36,000 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Brafield, 12,800 gallons, (2) Denton, 12,000 gallons. Pressure (1) sufficient, (2) insufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) total, 40·88°; permanent, 30·32°; (2) 37°. No action on lead; (2) contains faint traces of iron.

**Harrogate Town Council.**—Supplies Harrogate B. (part); Knaresborough U.D.; and parts of parishes of Bilton, Follifoot, Goldsborough, Haverah Park, Killinghall, Knaresborough Outer, Pannal, Scriven, Starbeck (Knaresborough R.D.).

*Powers.*—Harrogate Waterworks Act, 1897; Harrogate Corporation (Waterworks Transfer) Act, 1897; Harrogate Water Acts, 1901 and 1903; Harrogate Waterworks and Tramroad Act, 1904; Harrogate Corporation Act, 1911.

*Limits.*—Harrogate B.; Knaresborough U.D.; and parishes of Bilton, Haverah Park, Knaresborough Outer (part), Pannal, Scriven, Starbeck (Knaresborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surface (moor and very rough pasture):—(1) Scargill; (2) Beaver Dyke; (3) Ten Acres; (4) Roundhill; (5) "Tank" spring. The average daily quantity of water taken from each impounding reservoir is, respectively, (1) 761,000 gallons; (2) 576,000 gallons; (3) 144,000 gallons; (4) 60,000 gallons; yield of (5) varies from 13,000 to 150,000 gallons per day.

*Works.*—Filtration, 360 gallons per square yard per day, and also pressure filters. Storage reservoirs:—Scargill, 192,125,000 gallons; Beaver Dyke (upper) 118,500,000 gallons, (lower) 28,500,000 gallons; Ten Acres, 36,000,000 gallons; Roundhill, Masham, 525,000,000 gallons. Service reservoirs:—Harlow Hill, 14,019,000 gallons; Irongate Bridge, (a) 3,051,000 gallons; (b) 4,469,000 gallons; (c) 6,112,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,541,000 gallons. Supply is constant.

*Quality of Water.*—Chemical and bacteriological examination nine times annually. Analyst remarks (2nd October 1913) that the water is excellent. Hardness:—total, 3·6°; permanent, 3·1°. No action on lead.

**Hartley Wintney Rural District Council.**—Supplies part of parish of Hartley Wintney (Hartley Wintney R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Bagshot Sands, Hazley Heath; (2) Spring from Bagshot Sands and upland surface, 450 acres, Warren Heath. The average daily quantity of water derived from each source is, respectively, (1) 9,000 gallons; (2) 41,000 gallons; and a further 6,000 gallons per day could be obtained from (1) and 59,000 gallons from (2).

*Works.*—Water from source (2) only is filtered. Storage reservoirs:—Hazley Heath, (a) 60,000 gallons, (b) 30,000 gallons; Warren Heath, (a) 1,250,000 gallons, (b) 500,000 gallons. Service reservoirs:—Warren Heath, (a) 72,000 gallons, (b) 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory—occasional chemical and bacteriological examination. Hardness, 4°. Acts on lead, but lead pipes are not allowed.

**Hartshorn and Seals Rural District Council.**—Supplies part of parish of Hartshorn (Hartshorn and Seals R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from New Red Sandstone at Hartshorn. The average daily quantity of water available is 56,000 gallons.

*Works.*—No filtration. Reservoir:—Hartshorn, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (13th April 1908) that the water is quite suitable for drinking. Hardness:—total, 25·7°, permanent, 12·8°. No action on lead.

**Haslemere Urban District Council.**—Supplies Haslemere U.D. (part) and part of parish of Witley (Hambledon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Hythe Beds at Blackdown, Lurgashall. The average daily quantity of water available is 120,000 gallons.

*Works.*—No filtration. Reservoirs:—Blackdown, (a) 100,000 gallons, (b) 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (18th October 1913) that the water is excellent. Hardness:—3°. Acts on lead, but lead pipes are not used.



**Hastings Town Council.**—Supplies Hastings C.B.; and parts of parishes of Hollington Rural, Westfield (Battle R.D.); Fairlight, Ore (Hastings R.D.).

*Powers.*—Hastings Water Act, 1832; Hastings Corporation Act, 1900; Hastings Corporation (Water and Finance) Act, 1911.

*Limits.*—Hastings C.B.

*Sources of Supply (Nature and Sufficiency).*—Deep wells in Hastings Beds:—(1) Buckshole; (2) Hollington; (3) Filsham; (4) Crowhurst; (5) Pebsham; (6) Forewood; (7) Silverhill; (8) Brede. The average daily quantity of water available from each source is, respectively, (1) 169,575 gallons; (2) 43,950 gallons; (3) 244,525 gallons; (4) 172,925 gallons; (5) 46,460 gallons; (6) 203,675 gallons; (7) 38,510 gallons; (8) 442,400 gallons.

*Works.*—Pressure filters. Service reservoirs:—Fairlight, 2,158,200 gallons; Newgate, 677,000 gallons; West Hill, 646,500 gallons; Filsham, 505,200 gallons; Halton, 482,800 gallons; Maze Hill, 176,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,300,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (2nd April 1913) that the water is very good. Hardness, 7·25°. No action on lead; contains iron oxide.

**Hatfield Rural District Council.**—Supplies part of parish of Essendon (Hatfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep well at Essendon. The average daily quantity of water obtained is 9,000 gallons, and a further 18,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Essendon, 12,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 19·5°. No action on lead.

**Haverfordwest Town Council.**—Supplies Haverfordwest B. (part).

*Powers.*—Haverfordwest Act, 1833; Haverfordwest Borough Act, 1868; Haverfordwest Orders, 1885 and 1896.

*Limits.*—Haverfordwest B.

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Crowhill, Haverfordwest; (2) Spring, The Fountain, Haverfordwest. The average daily quantity of water derived from each source is, respectively, (1) 108,000 gallons; (2) 35,000 gallons.

*Works.*—No filtration. Service reservoirs:—The Fountain, Dew Street, 110,000 gallons; Portfield, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 143,000 gallons. Supply is intermittent.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (May and June 1913) that the water is suitable for drinking. Hardness:—(1) total 11·3°, permanent 6·2°; (2) total 19·2°, permanent 7·6°. No action on lead.

**Haverfordwest Rural District Council.**—Supplies parts of parishes of (1) and (2) Llangwm and (3) Walton West (Haverfordwest R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs, chiefly off clay, near Llangwm; (2) Springs from ironstone rock on Nash Farm, Hook; (3) Springs from ironstone rock near Little Haven. The average daily quantity of water derived from each source is, respectively, (1) 10,000 gallons; (2) and (3) not known.

*Works.*—No filtration. Service reservoirs:—Llangwm Village, 3,000 gallons; Nash Farm, Hook, 2,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) and (3) adequate; (2) abundant.

*Quality of Water.*—Good, and soft. No action on lead; contains some iron.

**Haverhill Urban District Council.**—Supplies Haverhill U.D. (part); and part of parish of Little Wratting (Clare R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole (255 feet) through Boulder Clay into Chalk, Burton End, Haverhill. The average daily quantity of water obtained is 55,375 gallons, and a further 44,625 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Burton End, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 55,375 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th November 1913) that the water is quite fit for drinking. Hardness:—total, 30·4°; permanent, 9·7°. No action on lead.



**Hawarden Rural District Council.**—Supplies parts of parishes of Higher Kinnerton and Hope (Hawarden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from red sandstone, Higher Kinnerton. The average daily quantity of water obtained is 1,050 gallons, and a further 5,190 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Higher Kinnerton, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (27th December 1913) that the water is satisfactory. Hardness:—total, 10·83°; permanent, 7·42° No action on lead; contains some iron.

**Haworth Urban District Council.**—Supplies Haworth U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from sandstone and shale, Haworth Moor; (2) Occasional supply in bulk from Keighley T.C. (see page 70). The average daily quantity of water obtained from (1) is 86,600 gallons.

*Works.*—No filtration. Storage reservoirs:—Hough, 650,000 gallons; Church Hills, 185,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 90,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 2·1°. No action on lead.

**Hay Urban District Council.**—Supplies Hay U.D. (part), and part of parish of Cusop (Bredwardine R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) on Hay Common; (2) at Llangwathan; (3) in New Forest. The average daily quantity of water available from each source is, respectively, (1) 10,000 gallons; (2) 50,000 gallons; (3) 20,000 gallons.

*Works.*—Water is filtered. Storage reservoir:—Hay Common, 385,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,200 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 12°. No action on lead.

**Hay Rural District Council.**—Supplies parts of parishes of (1) Bronllys, (2) Llanigon, (3) Talgarth (Hay R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Bronllys; (2) Spring on Tymawr Farm; (3) Intake from brook near Pwllwrach. Yield not known.

*Works.*—Water from source (3) is filtered. Reservoirs:—Bronllys, capacity not known; Tymawr Farm, 600 gallons; near Brecon and Radnor Counties Asylum, 82,631 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory—occasional examination. Hardness:—(1) 9·8°; (3) 7·0°. No action on lead; contains slight traces of iron.

**Hayfield Rural District Council.**—Supplies part of parish of Hayfield (Hayfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit on Kinder Scout. The average daily quantity of water obtained is 80,000 gallons, and a further 80,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Kinder Bank, (a) 25,000 gallons, (b) 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent, and soft. No action on lead.

**Hayle Urban District Council.**—Supplies Hayle U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Surface springs at Hayle, Trethingey, and Troon; (2) Deep well in killas and greenstone, Wheal Ann, Phillack. Yield not known.

*Works.*—No filtration. Storage reservoirs:—St. Erth, (a) 1,000,000 gallons, (b) 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Headington Rural District Council.**—Supplies parishes of (1) Forest Hill with Shotover (part), (2) Garsington (part), (3) Horsepath, (4) Stanton St. John (part) (Headington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) Church Hill; (2) Garsington Hills; (3) Shotover Hill; (4) Spring, Menmarsh Road. The average daily



quantity of water derived from each source is, respectively, (1) 7,000 gallons; (2) 10,000 gallons; (3) 7,000 gallons; (4) 8,000 gallons. A further 7,000 gallons per day could be obtained from (2) and unlimited supplies from (1), (3), and (4).

*Works.*—No filtration. Storage reservoirs:—(2) (a) Clinkard Hill, 1,200 gallons, (b) South End Road, 700 gallons; (3) Shotover Hill, 600 gallons. Pressure, (2) and (3) sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Generally soft, but no action on lead.

**Helmsley Rural District Council.**—Supplies part of parish of Ampleforth (Helmsley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from freestone or limestone, Ampleforth. The average daily quantity of water obtained is 20,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Ampleforth, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. No action on lead.

**Hemel Hempstead Town Council.**—Supplies Hemel Hempstead B. (part), and parts of parishes of St. Michael Rural (St. Albans R.D.), and Abbots Langley (Watford R.D.).

*Powers.*—Hemel Hempstead Water Order, 1896; Hemel Hempstead Corporation Water Act, 1900.

*Limits.*—Hemel Hempstead B.; and parishes of St. Michael Rural (part) (St. Albans R.D.), and Abbots Langley (part) (Watford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borings, 300 to 400 feet, in Chalk at Marlowes. The average daily quantity of water obtained is 260,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Chapel Street, 89,000 gallons; Redbourn Road, 164,000 gallons; High Street Green Tower, 27,000 gallons; Felden Tower, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 260,000 gallons. Supply is constant.

*Quality of Water.*—Very satisfactory—quarterly chemical and bacteriological examination. Hardness:—total, 19·1°; permanent, 1·8°. No action on lead.

**Hemel Hempstead Rural District Council.**—Supplies parts of parishes of Flamstead and Markyate (Hemel Hempstead R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boring in chalk near Markyate. The average daily quantity of water obtained is 10,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Cheverells Green, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (19th December 1913) that the water is of satisfactory organic purity. Hardness:—total, 22·5°; permanent, 4°. No action on lead.

**Hereford Town Council.**—Supplies Hereford B. (part), and parts of parishes of Burghill and Holmer (Hereford R.D.).

*Powers.*—Hereford Improvement Act, 1854.

*Limits.*—Hereford B.

*Sources of Supply (Nature and Sufficiency).*—River Wye, intake at Broomy Hill. The average daily quantity of water obtained is 1,000,000 gallons, but an unlimited quantity could be obtained.

*Works.*—Filtration, 150 gallons per square yard per day, and pressure filters. Storage reservoir:—Broomy Hill, 4,000,000 gallons. Service reservoirs:—High pressure tank, 40,000 gallons; Bobblestock, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,000,000 gallons. Supply is constant.

*Quality of Water.*—Monthly bacteriological, and chemical examination several times yearly. Chemical analysis (19th September 1913) and bacteriological report (15th December 1913), no comment. Hardness, 8°. No action on lead.

**Hereford Rural District Council.**—Supplies part of parish of Pipe and Lyde (Hereford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in gravel on clay at Upper Lyde Farm. The average daily quantity of water available is 3,000 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional examination. Hardness, 20°. No action on lead.



**Hertford Town Council.**—Supplies Hertford B. (part), and part of parish of Bengoe Rural (Hertford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 100 feet, in Chalk, Hertford; (2) Well, 100 feet, in Chalk, Molewood; (3) Well, 115 feet, in Chalk, Waterford; (4) Well, 170 feet, in Chalk, Hertford. The average daily quantity of water derived from each source is, respectively, (1) 60,000 gallons; (2) 190,000 gallons; (3) 25,000 gallons; (4) is a standby, from which 300,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Port Hill, 300,000 gallons; Bengoe, 18,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 275,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 18°; permanent, 5°. Iron pipes are used; water is saline.

**Hertford Rural District Council.**—Supplies part of parish of Bayford (Hertford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Lea Valley, Roxford Farm, Bayford. The average daily quantity of water available is 8,000 gallons.

*Works.*—No filtration. Reservoir:—Bayford, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard. No action on lead.

**Hexham Urban District Council.**—Supplies Hexham U.D. (part), and part of parish of Hexhamshire Low Quarter (Hexham R.D.).

*Powers.*—Hexham Local Board (Water) Act, 1888; Hexham Orders, 1896, 1903, and 1905.

*Limits.*—Hexham U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit on moors, Hexhamshire Stinted Pasture. The average daily quantity of water obtained is 260,000 gallons.

*Works.*—Filtration during three months of each year, 400 gallons per square yard per day. Storage reservoir:—Hexham, 17,000,000 gallons. Service reservoirs:—High Shield, (a) 350,000 gallons, (b) 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250,000 gallons. Supply is constant.

*Quality of Water.*—Very pure. Hardness:—total, 2·3°, permanent, 2·0°. No action on lead.

**Hexham Rural District Council.**—Supplies parts of parishes of (1) Acomb, (2) and (3) Allendale, (4) Aydon, Corbridge, Dilston, (5) Chollerton, (6) Haydon, (7) Hedley, (8) Humshaugh, (9) Ovington, (10) Shotley Low Quarter, and (11) Wall (Hexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, Salmonsweil Farm; (2) Springs from Carboniferous Limestone at Park Gates Farm, Studdon Park Farm and Sunnyside Farm; (3) Spring from Carboniferous Limestone, Woodhead; (4) Springs from sandstones and shales overlying Carboniferous Limestone, (a) on Holeyn Hall, and (b) Shaw Well Farms; (5) Spring from Carboniferous Limestone, near Northumberland Whinstone Quarry; (6) Spring from Millstone Grit, Nubbock Wood; (7) Springs from Millstone Grit, Hedley North Farm; (8) Five springs from Carboniferous Limestone, Humshaugh; (9) Springs from Millstone Grit, Ovington; (10) Spring from Millstone Grit, Blackhedley Farm; (11) Springs from sandstone and shales overlying Carboniferous Limestone, Wall. The average daily quantity of water derived from each source is, respectively, (1) 7,000 gallons; (2) 11,088 gallons; (3) 2,060 gallons; (4) 61,000 gallons; (5) 2,500 gallons; (6) 69,000 gallons; (7) 2,700 gallons; (8) 4,300 gallons; (9) 3,500 gallons; (10) 1,600 gallons; (11) 7,500 gallons. A further 2,000 gallons per day could be obtained from (1); 12,200 gallons from (2); 1,190 gallons from (3); 30,000 gallons from (4); 300 gallons from (5); 30,000 gallons from (6); 5,000 gallons from (8); 3,800 gallons from (9); and 1,400 gallons from (10).

*Works.*—No filtration. Storage reservoirs:—(5) Barrasford, (a) 150 gallons, (b) 2,000 gallons. Service reservoirs:—(1) Acomb, 35,000 gallons; (2) (a) Park Gates, 28,000 gallons, (b) Partridge West Farm, 10,000 gallons, (c) Sunnyside, 6,000 gallons; (3) Woodhead, 9,375 gallons; (4) Shaw Well Farm, Corbridge, (a) 38,640 gallons, (b) 95,000 gallons; (5) Barrasford, 50 gallons; (6) (a) Elrington, 95,000 gallons, (b) Chesterwood, 30,000 gallons; (7) Hedley North Farm, 28,000 gallons; (8) Humshaugh, 9,000 gallons; (9) Ovington, (a) 700 gallons, (b) 1,400 gallons; (10) Snods, 2,900 gallons; (11) Wall, 8,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate, except (1) and (7), which are precarious.



*Quality of Water.*—Occasional examination—all the supplies are reported to be satisfactory. Hardness:—(1) not known; (2) 10·5°; (3) 1·75°; (4) (a) 11·25°, (b) 22°; (5) 15·5°; (6) Soft; (7) 14·5°; (8) 2·5°; (9) 16·5°; (10) 3·5°; (11) 11·5°. Water from sources (8) and (10) acts on lead, but is not treated.

**Highworth Rural District Council.**—Supplies parts of parishes of (1) Blunsdon St. Andrew, (2) Highworth, Inglesham, (3) Liddington, (4) Wanborough, and (5) Wroughton (Highworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Cornbrash; (2) Well in sandstone; (3) Spring from Upper Greensand; (4) and (5) Springs tapped by a tunnel in Upper Greensand. The average daily quantity of water derived from each source is, respectively, (1) 500 gallons; (2) 5,500 gallons; (3) 200 gallons; (4) 3,000 gallons; (5) 4,000 gallons. A further 1,000 gallons per day could be obtained from (1); 4,000 gallons from (2); 10,000 gallons from (3); 7,000 gallons from (4); and 10,000 gallons from (5).

*Works.*—No filtration. Reservoirs:—(1) Blunsdon St. Andrews, 1,000 gallons; (2) Red Down, Highworth, 40,000 gallons; (4) Wanborough, 10,000 gallons; (5) Wroughton (a) 30,000 gallons, (b) 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample, except (1), which is fair.

*Quality of Water.*—Good. Hardness:—total, 21°; permanent, 4·8°. No action on lead.

**Hinckley Urban District Council.**—Supplies Hinckley U.D. (part), and parts of parishes of Snarestone, Swepestone (Ashby de la Zouch R.D.), and Market Bosworth (Market Bosworth R.D.); and furnishes a supply in bulk to Hinckley R.D.C.

*Powers.*—Hinckley Local Board Water Act, 1888.

*Limits.*—Hinckley U.D., and parishes of Snarestone and Swepestone (Ashby de la Zouch R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two shafts with headings 130 feet below ground level in red sandstone and conglomerates at Snarestone. The average daily quantity of water obtained is 282,000 gallons, and a further 318,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Hinckley, High Level, 90,000 gallons; Low Level, 480,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 269,116 gallons, and 12,884 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—periodical chemical and bacteriological examination. Hardness:—total, 19·07°; permanent, 15·47°. No action on lead.

**Hinckley Rural District Council.**—Supplies part of parish of Stoney Stanton (Hinckley R.D.).

*Source of Supply (Nature and Sufficiency).*—Granite quarry, at Stoney Stanton. The average daily quantity of water obtained is 7,500 gallons, and a further 75,000 gallons per day could be obtained.

*Works.*—Pressure filters. Service reservoirs:—Stoney Stanton, tanks, 12,200 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory—occasional chemical examination. Hardness:—total, 31°; permanent, 17°. No action on lead.

**Hinderwell Urban District Council.**—Supplies Hinderwell U.D. (part), and furnishes a supply in bulk to Guisborough R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Springs on upland surface, 400 acres, Ellerby; (2) Springs on upland surface, 400 acres, Runswick. Yield not known.

*Works.*—No filtration. Storage reservoir:—Ellerby, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 16,000 gallons and 2,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Hitchin Urban District Council.**—Supplies Hitchin U.D. (part), and parts of parishes of Ippollitts and Walsworth (Hitchin R.D.), and furnishes a supply in bulk to Hitchin R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well in chalk, Hitchin. The average daily quantity of water obtained is 260,000 gallons and a further 740,000 gallons per day could be obtained.



*Works.*—No filtration. Storage reservoirs, Windmill Hill (a) 98,000 gallons, (b) 100,000 gallons, (c) 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 254,000 gallons and 6,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (26th August 1913) that the water is excellent. Hardness not known. No action on lead.

**Holme Urban District Council.**—Supplies Holme U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Drift in sandstone, Upper Close Farm Holme. The average daily quantity of water obtained is 8,000 gallons.

*Works.*—No filtration. Storage reservoir:—Upper Close Farm, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Fairly soft and acts on lead, but tin-lined iron pipes are used.

**Holmfirth Urban District Council.**—Supplies Holmfirth U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Headings in rock and shale—(1) Snape, Upperthong; (2) Burr, Austonley; (3) Knowl, Austonley; (4) Goosegreen, Cartworth; (5) Brown Hill, Netherthong; (6) Occasional supply in bulk from Huddersfield T.C. (see page 68). The average daily quantity of water derived from each source is, respectively, (1) 28,697 gallons, (2) 61,586 gallons, (3) 5,652 gallons, (4) and (6) not known, (5) 15,000 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Snape Farm, Upperthong, 4,200,000 gallons; (2) Burr Farm, Austonley, 150,000 gallons; (3) Knowl Farm, Austonley, 5,000 gallons; (4) Goosegreen, Cartworth, 10,000 gallons; (5) Brown Hill, 700,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 111,100 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 3·5°. Acts very slightly on lead; contains traces of iron.

**Holsworthy Urban District Council.**—Supplies Holsworthy U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Gathering ground, 67½ acres, in Hollacombe and Cookbury. The average daily quantity of water available is 50,000 gallons.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoir:—Hollacombe, 1,500,000 gallons. Service reservoir:—Holsworthy, 75,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 13,600 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (10th July 1911) that the total number of organisms in the water is excessive, and that more efficient filtration is desirable. Hardness:—total, 3·5°; permanent, 2·2°. Acts on lead, but galvanised iron pipes are used.

**Holywell Rural District Council.**—Supplies parts of parishes of (1) Caerwys, (2) Holywell Rural, and (3) Whitford (Holywell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Maen Efa wells, Caerwys; (2) Graig and Ffynnon Rhedyn springs, Bagillt; (3) overflow from Mostyn spring. The average daily quantity of water derived from each source is, respectively, (1) 12,000 gallons, (2) 20,000 gallons, (3) not known, but an unlimited quantity could be obtained.

*Works.*—No filtration. Service reservoirs:—(1) Maen Efa, 150,000 gallons; (2) (a) Ffynnon Rhedyn, 4,000 gallons, (b) Graig, 16,000 gallons; (3) Mostyn, 24,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—(1) total, 7·14°; permanent, 3·90°; (2) and (3). hard. No action on lead.

**Honiton Town Council.**—Supplies Honiton B. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells in Upper Greensand over Upper Keuper Marl:—(1) St. Cyres Hill, Coombe Raleigh; (2) Springfield, Honiton. The average daily quantity of water available from each source is, respectively, (1) 75,000 gallons, (2) 12,000 gallons.

*Works.*—Filtration at (1) only, 700 gallons per square yard per day. Storage reservoirs:—St. Cyres Hill, 1,361,250 gallons; Springfield, 100,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 72,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (15th October 1912) that the water from (1) is suitable for drinking, and (2) is excellent. Hardness :—2·1°. No action on lead.

**Hornsea Urban District Council.**—Supplies Hornsea U.D. (part).

*Powers.*—Hornsea Urban District Council Act, 1911.

*Limits.*—Hornsea U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Well and bore, 267 feet, in Boulder Clay, gravel and Chalk, Alwick Road, Hornsea; (2) Bore, 170 feet, Hornsea. The average daily quantity of water derived from each source is, respectively, (1) 55,874 gallons; (2) 26,612 gallons; and a further 29,326 gallons per day could be obtained from (1).

*Works.*—Filtration, 308 gallons per square yard per day. Storage reservoir :—Hornsea, 190,000 gallons. Service reservoir :—Tower, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 82,486 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (31st March 1913) that, bacteriologically, the water is very satisfactory. Hardness, 23·5°. No action on lead; contains some chlorine.

**Horsforth Urban District Council.**—Supplies Horsforth U.D. (part).

*Powers.*—Horsforth Waterworks Act, 1865; Horsforth Waterworks Extension Act, 1885; Horsforth Urban District Council Waterworks Act, 1899; Horsforth Order, 1905.

*Limits.*—Horsforth U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 215 acres, Horsforth; (2) Borehole, 439 feet, Scotland Lane. The average daily quantity of water available from (1) is 180,000 gallons; (2) is seldom used, but 216,000 gallons per day could be obtained.

*Works.*—Filtration, 220 gallons per square yard per day. Storage reservoirs :—“Scotland,” upper 8,000,000 gallons, middle, 27,000,000 gallons. Service reservoirs :—“Scotland,” (a) 260,000 gallons; (b) 130,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 170,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (25th September 1913) that the water is pure. Hardness, 8°. No action on lead.

**Horsham Urban District Council.**—Supplies Horsham U.D. (part) and part of parish of Horsham Rural (Horsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 244 feet into Lower Tunbridge Wells Sand, Park Terrace East, Horsham. The average daily quantity of water obtained is 186,000 gallons.

*Works.*—No filtration. Service reservoir :—Crawley Road, Horsham, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 186,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (2nd March 1909) that the water is very satisfactory. Hardness, 1·5°. No action on lead.

**Horwich Urban District Council.**—Supplies Horwich U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, Wildersmoor; (2) Tunnel, Wildersmoor; (3) Tunnel, Stoneycroft and Marklands; (4) Supply in bulk from Blackrod U.D.C. (see page 19); (5) Supply in bulk from Messrs. A. Mason & Sons, Collieries, Montcliffe (see page 286); (6) Supply in bulk from Liverpool T.C. (see page 79).† The average daily quantity of water available from each source is, respectively, (1) 130,000 gallons; (2) 75,000 gallons; (3) 88,000 gallons; (4) 50,000 gallons; (5) 130,000 gallons; (6) 107 gallons.

*Works.*—No filtration. Storage reservoirs :—Marklands, 29,750,000 gallons; Rockhaven, tank, 14,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 350,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (16th October 1913) that the water is slightly turbid, but passable for domestic purposes. Medium hardness. No action on lead.

† Horwich U.D.C. are about to obtain a supply from Bolton T.C.



**Hucknall Torkard Urban District Council.**—Supplies Hucknall Torkard U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells in Bunter Pebble Beds, Salterford, Calverton. The average daily quantity of water obtained is 249,000 gallons, and a further 139,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Wood Lane, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 249,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (23rd July, 1913) that the water is excellent. Hardness:—total, 7·2°; permanent, 2·8°. No action on lead.

**Huddersfield Town Council.**—Supplies Huddersfield C.B.; Golcar U.D. (part); Honley U.D. (part); Kirkburton U.D. (part); Kirkheaton U.D. (part); Lepton U.D. (part); Linthwaite U.D. (part); Marsden U.D. (part); Meltham U.D. (part); Mirfield U.D. (part); New Mill U.D. (part); Shelley U.D. (part); Shepley U.D. (part); Slaithwaite U.D. (part); South Crosland U.D. (part); Stainland with Old Lindley U.D. (part); Thurstonland U.D. (part); and parts of parishes of Clifton, Fixby, Hartshead (Halifax R.D.); and furnishes supplies in bulk to Emley U.D.C., Thurstonland U.D.C., and (occasionally) Holmfirth U.D.C. (see page 66).

*Powers.*—Huddersfield Water Act, 1869; Huddersfield Waterworks Act, 1871; Huddersfield Waterworks and Improvement Act, 1876; Huddersfield Corporation Acts, 1882, 1902, 1908, and 1913; Huddersfield Corporation Waterworks Act, 1890; Huddersfield Waterworks and Tramroad Act, 1894; Huddersfield Waterworks Act, 1896; Huddersfield Corporation Act, 1902; Huddersfield Corporation Amendment Act, 1904.

*Limits.*—Huddersfield C.B.; Farnley Tyas U.D.; Golcar U.D.; Honley U.D. (part); Kirkburton U.D.; Kirkheaton U.D.; Lepton U.D.; Linthwaite U.D.; Marsden U.D.; Meltham U.D.; Mirfield U.D.; Shelley U.D.; Shepley U.D.; Slaithwaite U.D.; South Crosland U.D.; Stainland with Old Lindley U.D. (part); Thurstonland U.D. (part); and parishes of Clifton, Fixby, and Hartshead (Halifax R.D.).

*Sources of Supply (Nature and Sufficiency).*—Gathering grounds of high moorland pasture, with springs from Millstone Grit: (1) Blackmoorfoot, 1,871 acres; (2) Deer Hill, 1,000 acres; (3) Wessenden, 2,825 acres; (4) Deanhead, 500 acres; (5) Longwood springs. The average daily quantity of water available from each source is, respectively, (1) 2,800,000 gallons; (2) 1,500,000 gallons; (3) 4,200,000 gallons; (4) 720,000 gallons; (5) 350,000 gallons.

*Works.*—Part of the water is filtered (sand and pressure filters). Storage reservoirs:—Longwood, Upper, 50,000,000 gallons; Lower, 17,000,000 gallons; Blackmoorfoot, 696,000,000 gallons; Deer Hill, 160,000,000 gallons; Wessenden, 107,000,000 gallons; Wessenden Head, 82,000,000 gallons; Blakeley, 80,000,000 gallons; Butterley, 403,000,000 gallons; Deanhead, 100,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,393,000 gallons and 12,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Satisfactory—quarterly chemical and half-yearly bacteriological examination. Hardness, 3·5°. Acts on lead and is treated with carbonate of lime or powdered chalk.

**Huntingdon Town Council.**—Supplies Huntingdon B. (part).

*Source of Supply (Nature and Sufficiency).*—Well in gravel of Ouse valley, Huntingdon. The average daily quantity of water obtained is 89,500 gallons, and an unlimited quantity could be obtained.

*Works.*—No filtration. Reservoir:—Brampton Road, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 89,500 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 26·4°. No action on lead.

**Hyde Town Council.**—Supplies Hyde B. (part).

*Powers.*—Hyde Local Board (Waterworks) Act, 1870; Hyde Orders, 1877, 1895, and 1912; Hyde Corporation Act, 1903.

*Limits.*—Hyde B.

*Source of Supply (Nature and Sufficiency).*—Supply in bulk from Manchester T.C. The average daily quantity of water obtained is 600,000 gallons, but the quantity is unlimited.

*Quantity of Water supplied.*—The daily average is 600,000 gallons. Supply is constant and at sufficient pressure.

*Quality of Water.*—See Manchester T.C., page 89.

**Hythe Town Council.**—Supplies Hythe B. (part).

*Powers.*—Hythe Improvement and Waterworks Act, 1874; Hythe Order, 1884; Hythe Corporation Acts, 1889 and 1905.



*Limits.*—Hythe B.

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 182 feet, in Folkestone Beds, Bluehouse, Saltwood; (2) Spring from Hythe Beds, Horn Street; (3) Spring from Hythe Beds, Cistern Field, North Road. The average daily quantity of water derived from each source is, respectively, (1) 80,000 gallons; (2) 30,000 gallons; (3) 10,000 gallons. A further 400,000 gallons per day could be obtained from (1), and 20,000 gallons from (2).

*Works.*—Pressure filters. Storage reservoirs:—Bluehouse, 120,000 gallons; Saltwood, 500,000 gallons; Town, 73,000 gallons; Blackrock, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 130,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (2nd September 1911) that chemically the water is satisfactory. Hardness:—total, 14·5°; permanent, 4·7°; (2) and (3) total, 23·5°; permanent, 4·7°. No action on lead; (1) contains some iron before filtration.

**Ilfracombe Urban District Council.**—Supplies Ilfracombe U.D. (part); and part of parish of Morthoe (Barnstaple R.D.).

*Powers.*—Ilfracombe Improvement Act, 1900.

*Limits.*—Ilfracombe U.D.; and parishes of Berrynarbor, Combe Martin, and Morthoe (Barnstaple R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Bray and its tributaries, Challacombe; (2) West Wilder stream and its tributaries, Ilfracombe. The average daily quantity of water available from (1) is 850,000 gallons; yield of (2) not known.

*Works.*—Filtration, 540 gallons per square yard per day. Storage reservoirs:—Beaconbridge, 20,685,000 gallons; Slade, 33,366,500 gallons. Service reservoirs:—Mullacott, 100,000 gallons; Folly Valley, 100,000 gallons; Slade, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Monthly chemical examination. Analyst remarks that the water is of great purity. Hardness, 1·9°. Acts on lead, but lead pipes are not allowed.

**Ilkley Urban District Council.**—Supplies Ilkley U.D. (part); and part of parish of Middleton (Wharfedale R.D.).

*Powers.*—Ilkley Local Board Acts, 1871 and 1893.

*Limits.*—Ilkley U.D.; and parishes of Denton, Middleton, and Nesfield with Langbar (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Ilkley Moor. The average daily quantity of water obtained is 350,000 gallons, and a further 150,000 gallons per day could be obtained.

*Works.*—Pressure filters. Storage reservoirs:—Panorama, Ilkley Moor, 8,100,000 gallons; Ghyll Head, 187,000 gallons; Hill Top, 160,000 gallons; Old, 75,000 gallons; Weary Hill, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 350,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (10th January 1912) that the water is of high purity organically. Hardness:—total, 2·27°; permanent, 2·18°. Water from Ghyll Head Reservoir only, acts on lead prior to filtration, but is treated with lime. The water contains some iron.

**Ilminster Urban District Council.**—Supplies Ilminster U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells and springs from Upper and Middle Lias and Midford Sands, Ilminster. Yield not known.

*Works.*—No filtration. Reservoirs:—Court Barton, 650 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Generally sufficient.

*Quality of Water.*—Satisfactory. Very hard, and no action on lead.

**Ince in Makerfield Urban District Council.**—Supplies Ince in Makerfield U.D. (part); and furnishes a supply in bulk to Golborne U.D.C.

*Powers.*—Ince Water Act, 1871; Ince in Makerfield Order, 1889.

*Limits.*—Ince in Makerfield U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Wells and boreholes in red sandstone, Golborne; (2) Supply in bulk from Liverpool T.C. (see page 79). The average daily quantity of water available from each source is, respectively, (1) 190,000 gallons, (2) 750,000 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 130,000 gallons, and 60,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (28th March 1911) that the water is of high organic purity. Hardness:—total, 25·5°, permanent, 14·5°. No action on lead.

**Ipswich Town Council.**—Supplies Ipswich C.B. (part), and furnishes a supply in bulk to Bosmere and Claydon R.D.C.

*Powers.*—Ipswich Waterworks Act, 1857; Ipswich Corporation (Purchase of Waterworks) Act, 1892; Ipswich Corporation Act, 1911.

*Limits.*—Ipswich C.B.

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk:—(1) Waterworks Street, Ipswich; (2) Whitton, near Ipswich; gathering grounds at: (3) Christchurch Park; (4) Brooks Hall; (5) Holy Wells; (6) Cauldwell Hall. The average daily quantity of water available from each source is, respectively, (1) 1,510,000 gallons, (2) 2,000,000 gallons, (3) 15,800 gallons, (4) 47,500 gallons, (5) 66,000 gallons, (6) 57,000 gallons.

*Works.*—No filtration. Service reservoirs:—Park Road, (a) 1,500,000 gallons, (b) 4,500,000 gallons; Spring Road, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,740,000 gallons, and 3,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (25th April 1913) that the water is of great organic purity. Hardness, 20°. No action on lead.

**Irthlingborough Urban District Council.**—Supplies Irthlingborough U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Well in gravel, Irthlingborough. The average daily quantity of water obtained is 60,000 gallons, and a further 140,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Windmill Road, 700,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (15th December 1910) that the water is good. Hardness:—total, 29°; permanent, 13°. No action on lead.

**Ivybridge Urban District Council.**—Supplies Ivybridge U.D. (part).

*Powers.*—Ivybridge Urban District Water Act, 1912.

*Limits.*—Ivybridge U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) River Erme, intake in Long Timber Woods; (2) Two springs at Henlake. Yield not known.

*Works.*†—No filtration. Storage reservoirs:—Ivybridge, 200,000 gallons (defective); Henlake Down, and Pit Hill Farm, capacities not known. Pressure is insufficient.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Very turbid at times. Soft, but no action on lead.

**Keighley Town Council.**—Supplies Keighley B. (part); Haworth U.D. (part); and furnishes supplies in bulk to Haworth U.D.C. (occasionally) (see page 62) and Oakworth U.D.C.

*Powers.*—Keighley Waterworks and Improvement Acts, 1867 and 1872; Keighley Waterworks Extension and Improvement Act, 1869; Keighley Order, 1879; Keighley Corporation Acts, 1891, 1898, 1908, and 1912.

*Limits.*—Keighley B.; Haworth U.D.; Oakworth U.D.; Oxenhope U.D.

*Source of Supply (Nature and Sufficiency).*—Moorland gathering ground, 1,600 acres, overlying Millstone Grit, Oakworth, Stanbury and Trawden Moors. The average daily quantity of water obtained is 1,600,000 gallons.

*Works.*—Filtration, 500 gallons per square yard per day. Storage reservoir‡:—Watersheddes, Trawden, 156,000,000 gallons. Service reservoir:—Blackhill, 2,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,576,000 gallons, and 24,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—weekly examination. Hardness, 2·2°. Acts on lead and is treated with carbonate of soda.

**Keighley Rural District Council.**—Supplies part of parish of Steeton with Eastburn (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—New Brighton and Nut Head Springs, and springs in Redcar Wood, Steeton. Yield not known.

*Works.*—No filtration. Service reservoir:—Whitley Head, Steeton, 342,000 gallons. Pressure is sufficient.

† Ivybridge U.D.C.—Works authorised by the Council's Act of 1912 are now in course of construction.

‡ Keighley T.C.—A new reservoir is under construction at Lower Laithe.



*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (18th December 1913) that the water is of the very highest organic purity. Hardness, 3·0°. No action on lead.

**Kendal Town Council.**—Supplies Kendal B., and parts of parishes of Helsington, Scalthwaiterigg, Strickland Ketel, Underbarrow and Bradleyfield (South Westmorland R.D.).

*Powers.*—Kendal Corporation Gas and Water Act, 1894.

*Limits.*—Kendal B., parishes of New Hutton (part), and Scalthwaiterigg (South Westmorland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces, Benson Knott. The average daily quantity of water obtained is 500,000 gallons, and a further 750,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Fisher Tarn, Benson Knott, 120,000,000 gallons; Upper Birds Park, capacity not known; Lower Birds Park, 18,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 500,000 gallons. Supply is constant.

*Quality of Water.*—Very good. Hardness, 3·5°. No action on lead and tin-lined pipes are used.

**Keswick Urban District Council.**—Supplies Keswick U.D. (part), and furnishes a supply in bulk to Cockermouth R.D.C.

*Powers.*—Keswick Urban District Council (Water) Act, 1907.

*Limits.*—Keswick U.D., parishes of Castlerigg St. John's and Wythburn (part), Underskiddaw (part) (Cockermouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Millbeck Gill stream, Skiddaw; (2) Whitbeck Gill stream, intake at Brundholm; (3) Burr Gill stream, intake on Skiddaw; (4) Springs from Skiddaw Slate, The High. The average daily quantity of water derived from each source is, respectively, (1) 200,000 gallons; (2) 50,000 gallons; (3) 5,000 gallons; (4) 5,000 gallons. A further 500,000 gallons per day could be obtained from (1); 70,000 gallons from (2); 8,000 gallons from (3); and 10,000 gallons from (4).

*Works.*—No filtration. Service reservoirs:—Millbeck, 250,000 gallons; Underscar, 50,000 gallons; (3) Ormathwaite, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250,000 gallons, and 10,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 1°. No action on lead.

**Kettering Urban District Council.**—Supplies Kettering U.D. (part), and part of parish of Thorpe Malsor (Kettering R.D.).

*Powers.*—Kettering Water Acts, 1898 and 1906; Kettering Urban District Water Act, 1901.

*Limits.*—Kettering U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Loddington and Cransley Brooks (drainage area 1,800 acres), intakes in Loddington and Cransley; (2) Thorpe Brook (drainage area 1,330 acres), intake in Loddington; (3) Well in Northampton Sand, Clover Hill. The average daily quantity of water available from each source is, respectively, (1) 581,000 gallons; (2) 442,000 gallons; (3) 50,000 gallons.

*Works.*—Filtration, 360 gallons per square yard per day. Storage reservoirs:—Cransley, 160,000,000 gallons; Malsor, 130,000,000 gallons. Service reservoirs:—Warren Hill, 296,100 gallons; Clover Hill, (a) 296,000 gallons, (b) 184,000 gallons; High level tank, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 620,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—quarterly chemical examination. Hardness, 13°. No action on lead.

**Kettering Rural District Council.**—Supplies parts of parishes of (1) Barton Seagrave, Burton Latimer, Warkton, Weekley; (2) Pytchley; (3) Stanion (Kettering R.D.).

*Powers.*—Kettering Water Act, 1906 (parishes of Burton Latimer and Weekley), and Public Health Act, 1875.

*Sources of Supply (Nature and Sufficiency).*—(1) Well and headings in ironstone rock, Weekley; (2) Well, Pytchley; (3) Well in ironstone rock. The average daily quantity of water derived from each source is, respectively, (1) 25,000 gallons; (2) 3,500 gallons; (3) 2,500 gallons. A further 75,000 gallons per day could be obtained from (1); 16,500 gallons from (2); and 77,500 gallons from (3).



*Works.*—No filtration. Service reservoirs:—(1) Warkton, 120,000 gallons; (2) Broughton Road, Pytchley, 35,000 gallons; (3) Corby Road, Stanion, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but hard. No action on lead; contains some iron.

**Ketton Rural District Council.**—Supplies parts of parishes of Ketton and Tinwell (Ketton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Ketton and Tinwell. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness not known.

**Keynsham Rural District Council.**—Supplies part of parish of North Stoke (Keynsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs at Swinford. Yield not known.

*Works.*—No filtration. Reservoir:—Swinford, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—quarterly chemical examination. Hardness not known. No action on lead.

**Kidderminster Town Council.**—Supplies Kidderminster B. (part); and parts of parishes of Hartlebury (Droitwich R.D.), Kidderminster Foreign, Wolverley (Kidderminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Deep well with borehole (435 feet) in red sandstone, Green Street; (2) Well, Green Street; (3) Well in Stourport Road. The average daily quantity of water derived from (1) is 1,031,532 gallons; (2) and (3) are emergency supplies. A further 500,000 gallons per day could be obtained from (1) and 1,387,000 gallons from (2) and (3).

*Works.*—No filtration. Service reservoir:—Sutton Park Road, 2,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,031,532 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (24th December 1909) that the water is generally suitable for drinking. Hardness:—total, 8.05°; permanent, 5.2°. No action on lead.

**Kids Grove Urban District Council.**—Supplies Kids Grove U.D. (part); and furnishes a supply in bulk to Smallthorne U.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Two deep wells with adit in Millstone Grit, Mow Cop, (2) occasional supply in bulk from Staffordshire Potteries Waterworks Company (see page 217). The average daily quantity of water obtained from (1) is 40,000 gallons.

*Works.*—No filtration. Reservoir, capacity 136,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average (including bulk) is 40,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory, and soft. No action on lead; saline.

**Kidwelly Town Council.**—Supplies Kidwelly B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) Capel Sul; (2) Cae Cefn. The average daily quantity of water available from each source is, respectively, (1) 50,000 gallons and (2) 25,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Capel Sul, 50,000 gallons; Cae Cefn, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 30,000 gallons. Supply is constant.

*Quality of Water.*—Good, and fairly hard. No action on lead.

**Kingsbridge Urban District Council.**—Supplies Kingsbridge U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from shale:—(1) Croft, (2) Combe Royal, (3) Westville, (4) Manor House. The average daily quantity of water available from each source is, respectively, (1) 77,120 gallons, (2) 57,600 gallons, (3) 115,200 gallons, (4) not known.

*Works.*—No filtration. Service reservoirs:—Westville—(a) 21,000 gallons, (b) 80,000 gallons; Croft, 29,000 gallons; Fore Street, 52,000 gallons; Manor House, 1,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hard, and no action on lead.



**Kingsbridge Rural District Council.**—Supplies parts of parishes of (1) Bigbury, (2), (3) and (4) Blackawton, (5) Kingston, (6) Loddiswell, (7) Malborough, (8) and (9) Modbury, (10) Slapton, (11) South Huish, (12) Stoke Fleming, (13) Stokenham, (14) West Alvington (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Bigbury; (2) Spring at Blackawton; (3) Shute at West Down; (4) Spring at Burleston; (5) Five springs, Kingston; (6) Spring and shute from spring; (7) Spring at Prawle; (8) Silver Well at Modbury; (9) Spring at Browston; (10) Springs at Slapton; (11) Spring at Galmpton; (12) Two springs at Stoke Fleming; (13) Springs at Stokenham, Chellington and Beeson, Beesands, Hallsands, Bickerton and Kellaton; (14) Spring at West Alvington. The average daily quantity of water available from each source is, respectively, (1) to (6), (11), (13) and (14) not known; (7) 5,760 gallons; (8) 5,000 gallons; (9) 2,880 gallons; (10) 5,760 gallons; (12) 7,200 gallons.

*Works.*—Reservoirs at Bigbury, Blackawton, Chivelstone, Malborough (two), Inner Hope, Modbury, Browston, Slapton, Galmpton (tank), Stoke Fleming (tanks), Stokenham (tank), Chellington, Beesands, West Alvington. Capacities not known. Pressure is sufficient except in parts of Modbury.

*Quantity of Water supplied.*—Adequate except in Modbury and Malborough.

*Quality of Water.*—Good and moderately hard. Action on lead not known.

**King's Lynn Town Council.**—Supplies King's Lynn B.; parts of parishes of Bawsey, Leziate, Mintlyn (Freebridge Lynn R.D.); West Lynn (King's Lynn R.D.); and furnishes a supply in bulk to Freebridge Lynn R.D.C.

*Powers.*—King's Lynn Waterworks and Borough Improvement Act, 1859; King's Lynn Corporation Act, 1880; King's Lynn Orders, 1889 and 1894.

*Limits.*—King's Lynn B.; and parishes of Gaywood, North Lynn (Freebridge Lynn R.D.), West Lynn (King's Lynn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole (160 feet) with headings through Chalk, into Lower Greensand at Gayton. The average daily quantity of water obtained is 866,143 gallons.

*Works.*—No filtration. Service reservoir:—Bawsey, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 847,300 gallons and 18,843 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (6th January 1913) that the water is very pure. Hardness:—total, 14°; permanent, 1·1°. No action on lead.

**Kingston upon Hull Town Council.**—Supplies Kingston upon Hull C.B. (part); Hessle U.D. (part); parishes of Anlaby (part), Kirk Ella, Willerby (part) (Sculcoates R.D.); and furnishes supplies in bulk to Cottingham U.D.C. and Sculcoates R.D.C.

*Powers.*—Kingston upon Hull Corporation Acts, 1897, 1901, 1903, 1906 and 1911.

*Limits.*—Kingston upon Hull C.B.; Cottingham U.D.; Hessle U.D.; and parishes of Burstwick with Skeckling, Burton Pidsea, Easington, Halsham, Hilston, Hollym, Holmpton, Keyingham, Kilnsea, Ottringham, Out Newton, Owstwick, Owthorne, Patrington, Paull, Rimswell, Roos, Ryhill and Camerton, Skeffling, South Frodingham, Sunk Island, Thorngumbald, Tunstall, Waxholme, Welwick, Winestead (Patrington R.D.), Anlaby, Kirk Ella, Willerby (Sculcoates R.D.), Aldbrough, Atwick, Benningholme and Grange, Bewholme and Nunkeeling, Bilton, Bonwick, Brandesburton, Catfoss, Catwick, Coniston, Danthorpe, Dunnington, East Newton, Ellerby, Elstronwick, Fitling, Flinton, Ganstead, Garton with Grimston, Goxhill, Great and Little Cowdens, Great Hatfield, Hempholme, Humbleton, Lelley, Little Hatfield, Long Riston, Mappleton and Rowston, Marton, Moor Town, North Skirlaugh Rowton and Arnold, Rise, Seaton and Wassand, Sigglesthorne, South Skirlaugh, Sproatley, Swine, Thirtleby, West Newton with Burton Constable, Withernwick, Wyton (Skirlaugh R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk at Cottingham and Springhead. The average daily quantity of water obtained is 12,304,000 gallons.

*Works.*—No filtration. Service reservoirs:—Keldgate, 10,000,000 gallons; Kirk Ella, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 12,189,000 gallons and 115,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analysis (2nd October 1913) no comments. Hardness:—Cottingham, total 15·5°, permanent 2°; Springhead, total 17°, permanent 2·5°. No action on lead.

**Kirkby in Ashfield Urban District Council.**—Supplies Kirkby in Ashfield U.D. (part), and part of parish of Blidworth (Skegby R.D.).

*Source of Supply (Nature and Sufficiency).*—Wells (110 feet) into Bunter Beds in Sherwood Forest. The average daily quantity of water available is 619,000 gallons.



*Works.*—No filtration. Service reservoir:—Forest Hill, East Kirkby, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 8·5°; permanent, 6·5°. No action on lead.

**Kirkby Lonsdale Urban District Council.**—Supplies Kirkby Lonsdale U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from gravel, with gathering-ground 300 acres. Yield not known.

*Works.*—No filtration. Storage reservoir:—Fleet, capacity not known. Service reservoir:—Low Biggins, 15,903 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (6th March 1912) that the water is free from dangerous contamination and very suitable. Hardness:—total, 5·5°; permanent, 1·5°. No action on lead.

**Kirkby Moorside Rural District Council.**—Supplies parts of parishes of (1) Hutton le Hole, (2) Kirkby Moorside, (3) Normanby (Kirkby Moorside R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Springs on moorlands from freestone and limestone; (3) Spring from gravel. The average daily quantity of water derived from each source is, respectively, (1) 7,000 gallons, (2) 44,000 gallons, (3) 4,000 gallons. A further 3,000 gallons per day could be obtained from (1), 10,000 gallons from (2), and 1,000 gallons from (3).

*Works.*—No filtration. Service reservoirs:—(1) Hutton le Hole, 5,000 gallons; (2) Kirkby Moorside, 25,000 gallons; (3) Normanby, 1,000 gallons. Pressure:—(1) insufficient; (2) and (3) sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. No action on lead; (2) contains a slight trace of iron.

**Knaresborough Rural District Council.**—Supplies parts of parishes of (1) Burton Leonard, (2) Follifoot, (3) Killinghall (Knaresborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and bores (1) at Burton Leonard, (2) at Follifoot, (3) at Killinghall. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons, (2) 2,500 gallons, (3) 8,000 gallons. A further 7,000 gallons per day could be obtained from (1), 11,500 gallons from (2), and 8,000 gallons from (3).

*Works.*—No filtration. Storage reservoirs:—(1) Burton Leonard, 108,000 gallons; (2) Follifoot, 99,000 gallons; (3) Killinghall, 159,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—(1) 23·6°; (2) 11·0°; (3) 8·5°. No action on lead.

**Knighton Urban District Council.**—Supplies Knighton U.D. (part), and part of parish of Stow (Teme R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring and well, Cwm Ifor, Upper Woodhouse, and Jackets Well. Yield not known.

*Works.*—No filtration. Service reservoir:—Frydd, 32,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (28th December 1909) that chemically the water is very pure. Hardness, 5·89°. No action on lead.

**Lampeter Town Council.**—Supplies Lampeter B. (part).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces:—(1) 9 acres in Capeli, Lampeter Rural; (2) 1 acre in Henfeddan, Lampeter Rural. The average daily quantity of water derived from each source is, respectively, (1) 40,000 gallons and (2) 10,000 gallons; and a further 50,000 gallons per day could be obtained from (1) and 12,000 gallons from (2).

*Works.*—No filtration. Service reservoir:—Troedyrhiw, 40,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Lancaster Town Council.**—Supplies Lancaster B.; parts of parishes of Aldcliffe, Ashton with Stodday, Bolton le Sands, Scotforth, Slyne with Hest (Lancaster R.D.); and furnishes supplies in bulk to Morecambe T.C. and Heysham U.D.C. who also supply part of parish of Heaton with Oxcliffe (Lancaster R.D.).

*Powers.*—Lancaster Waterworks and Gas Act, 1852; Lancaster Waterworks and Gas Amendment Act, 1855; Lancaster Local Board of Health Act, 1864; Lancaster Water and Improvement Act, 1876; Lancaster Corporation Acts, 1880 and 1888; Lancaster Orders, 1887, 1894, and 1896.

\* Lampeter T. C.—A new reservoir (capacity 100,000 gallons) is about to be constructed.



*Limits.*—Lancaster B.; Carnforth U.D.; Morecambe B.; and parishes of Bolton le Sands, Scotforth, Slyne with Hest (Lancaster R.D.); Quernmore (Lunesdale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs, Lee Fell, Dunkenshaw Fell and Tarnbrook Fell. The average daily quantity of water available is 2,000,000 gallons.

*Works.*—Mechanical filters. Storage reservoirs:—Damas Ghyll, 30,000,000 gallons; Blea Tarn, 120,000,000 gallons. Service reservoir:—Workhouse, 600,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,160,000 gallons and 510,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (November 1913) that bacteriologically the water is satisfactory. Hardness, 1.5°. No action on lead.

**Langport Rural District Council.**—Supplies parts of parishes of (1) Barrington, Curry Rivel, Drayton, Isle Brewers; (2) Kingsbury Episcopi, Langport; (3) Kingsdon, Somerton (Langport R.D.); and parishes of Ilchester, Northover, and South Petherton (part) (Yeovil R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Adit in Marlstone underlying Midford Sands, at Barrington; (2) Borehole in Midford Sands in Compton Durville; (3) Catchment pits, well and borehole in Lower Lias at Lytes Cary. The average daily quantity of water derived from each source is, respectively, (1) 17,000 gallons, (2) 22,000 gallons, (3) 40,000 gallons. A further 13,000 gallons per day could be obtained from (1), 23,000 gallons from (2), and 60,000 gallons from (3).

*Works.*—Sand and pressure filters at (2) only. Storage reservoir:—Lytes Cary, 30,000 gallons. Service reservoirs:—(1) Barrington, (a) 15,000 gallons, (b) 15,000 gallons; Curry Rivel (low level), (a) 15,000 gallons, (b) 15,000 gallons, (high level) (c) 30,000 gallons, (d) 30,000 gallons; (2) Compton Durville, (a) 30,000 gallons, (b) 30,000 gallons; (3) Kingsdon, (a) 50,000 gallons, (b) 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) and (3) adequate; (2) abundant.

*Quality of Water.*—Excellent—occasional examination. Hardness:—(1) 17°; (2) 19°; (3) 20°. No action on lead; (2) contains some iron.

**Lathom and Burscough Urban District Council.**—Supplies Lathom and Burscough U.D. (part); and part of parish of Dalton (Wigan R.D.); and furnishes a supply in bulk to West Lancashire R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two boreholes (150 feet and 250 feet) in New Red Sandstone, Dark Lane. The average daily quantity of water obtained is 138,426 gallons.

*Works.*—No filtration. Service reservoirs:—Dark Lane, High Level, 17,000 gallons; Low Level, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 128,276 gallons and 10,150 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (22nd January 1914) that chemically the water is excellent. Hardness:—total, 5.74°; permanent, 5.6°. No action on lead.

**Launceston Town Council.**—Supplies Launceston B. (part); and parts of parishes of St. Stephens by Launceston Rural, St. Thomas the Apostle Rural (Launceston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Stream and springs between Bray Downe and Carne Downe in Altarnun. The average daily quantity of water available is 150,000 gallons.

*Works.*—Water is filtered. Service reservoir:—Windmill, 387,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,400 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 1.0°. Acts on lead and use of lead pipes is discouraged.

**Ledbury Urban District Council.**—Supplies Ledbury U.D. (part) and part of parish of Ledbury Rural (Ledbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells with boring, 47 feet, in marl and limestone, Massington. The average daily quantity of water obtained is 35,000 gallons, and a further 80,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Cross Hands (high level), 75,000 gallons; Conigree (low level), 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (17th August 1910) that the water is very good. Hardness, 17°. No action on lead.



**Leeds Town Council.**—Supplies Leeds C.B., Calverley U.D. (part), Farsley U.D. (part), Pudsey B. (part) and parts of parishes of Austhorpe (Tadcaster R.D.), Rigton, Weardly, Weeton, Wetherby, Wigton (Wetherby R.D.); Adel cum Eccup, Alwoodley, Arthington, Leathley and Pool (Wharfedale R.D.); and furnishes supplies in bulk to Garforth U.D.C., Rothwell (Yorks) U.D.C., Hunslet R.D.C. (who supply water in bulk to Tadcaster R.D.C.) and Tadcaster R.D.C. The T.C. also supplies parishes of Blubberhouses, Fewston (part) and Little Timble (Wharfedale R.D.) from adjacent springs and wells.

*Powers.*—Leeds Corporation Water Act, 1901; Leeds Corporation (Waterworks) Railway Act, 1904; Leeds Corporation (Consolidation) Act, 1905; Leeds Corporation Acts, 1907 and 1913.

*Limits.*—Leeds C.B.; Burley in Wharfedale U.D.; Otley U.D.; parishes of Dunkeswick, East Keswick, Harewood, Weardly, Weeton, Wigton, Wyke (Wetherby R.D.); Adel cum Eccup, Alwoodley, Arthington, Bramhope, Denton, Esholt, Farnley, Hawksworth, Lindley, Little Timble, Menston, Newall with Clifton, and Pool (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 17,047 acres, Washburn Valley, Otley; (2) Washburn Foot intake; (3) Upland surface, 10,588 acres, Colsterdale Valley, Masham; (4) Upland surface, 7,334 acres, Laver Valley, Ripon. The average daily quantity of water available from each source is, respectively, (1) 17,709,700 gallons, (2) not known, (3) 7,495,829 gallons, (4) 5,456,496 gallons.

*Works.*—Filtration, 425 gallons per square yard per day. Storage reservoirs:—Fewston, 866,000,000 gallons; Swinsty, 960,000,000 gallons; Eccup, 1,410,000,000 gallons. Service reservoirs:—Weetwood, 4,316,045 gallons; Woodhouse, 5,142,228 gallons; Wortley, 840,739 gallons; Harehills, 5,346,936 gallons; Bramley, 7,365,031 gallons; Moortown, 1,360,600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 15,696,000 gallons and 435,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and weekly bacteriological examination. Analyst remarks (13th November 1913) that the water is excellent. Hardness:—total, 3·3°; permanent, 2·7°. No action on lead.

**Leek Urban District Council.**—Supplies Leek U.D.

*Powers.*—Leek Improvement Act, 1855; Leek Order, 1876.

*Limits.*—Leek U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Upperhulme. The average daily quantity of water obtained is 408,350 gallons.

*Works.*—No filtration. Storage reservoirs:—Mount Pleasant, 2,000,000 gallons; Debank, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 408,350 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (11th November 1913) that chemically this water is of an exceptionally high degree of purity. Hardness:—total, 4·75°; permanent, 1·75°. No action on lead.

**Leek Rural District Council.**—Supplies parts of parishes of (1) Grindon, (2) Longnor (Leek R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Grindon, (2) Spring at Longnor. The average daily quantity of water derived from each source is, respectively, (1) 1,499 gallons, (2) 2,800 gallons; and a further 2,000 gallons per day could be obtained from (1) and 3,500 gallons from (2).

*Works.*—No filtration. Reservoirs:—(1) Hillsdale, 13,096 gallons; (2) Tunstead, 37,800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 3·85°. No action on lead.

**Leicester Town Council.**—Supplies Leicester C.B.; Oadby U.D. (part); Thurmaston U.D. (part); Wigston Magna U.D. (part); parishes of Anstey, Anstey Pastures, Barkby (part), Barrow upon Soar (part), Beaumont Leys, Birstall (part), Cossington (part), Cropston, Gilroes, Leicester Frith, Mountsorrel (part), Newtown Linford (part), Rothley (part), Seagrave (part), Sileby (part), Swithland (part), Syston (part), Thurmaston (part), Wanlip (part), Woodhouse (part), (Barrow upon Soar R.D.); Bushby (part), Evington (part), Humberstone (part), Thurnby (part), (Billesdon R.D.); Blaby (part), Braunstone (part), Braunstone Frith, Countesthorpe (part), East Leicester Forest (part), Glenfield (part), Glenfield Frith, Glen Parva (part), Kirby Frith, Kirby Muxloe (part), Narborough (part), New Parks (part) (Blaby R.D.); Groby (part), Ratby (part) (Market Bosworth R.D.); and furnishes supplies in bulk to Quorndon U.D.C. and Blaby R.D.C.

*Powers.*—Leicester Waterworks Acts, 1847, 1866 and 1875; Leicester Waterworks Amendment Act, 1851; Leicester Cemetery Amendment Act, 1860; Leicester Corporation Gas and Water Transfer Act, 1878; Leicester Corporation Waterworks



Act, 1890; Leicester Orders, 1891 and 1894; Leicester Corporation Acts, 1897, 1908 and 1913.

*Limits.*—Leicester C.B.; Oadby U.D.; Thurmaston U.D.; Wigston Magna U.D.; parishes of Anstey, Anstey Pastures, Barkby, Barrow upon Soar, Beaumont Leys, Birstall, Cossington, Cropston, Gilroes, Leicester Frith, Mountsorrel, Newtown Linford, Rothley, Seagrave, Sileby, Swithland, Syston, Thurmaston, Wanlip, Woodhouse (Barrow upon Soar R.D.); Bushby, Evington, Humberstone, Stoughton, Thurnby (Billesdon R.D.); Blaby, Braunstone, Braunstone Frith, Countesthorpe, East Leicester Forest, Glenfield, Glenfield Frith, Kirby Frith, Kirby Muxloe, New Parks, West Leicester Forest (Blaby R.D.); Ratby, Thornton (Market Bosworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, 2,860 acres, over red marl and clay, Thornton, ten miles from Leicester; (2) Gathering ground, 4,400 acres, over red marl and clay, Bradgate Park, Cropston, six miles from Leicester; (3) Supply in bulk from the Derwent Valley Water Board (*see* page 169); (4) Gathering ground, 3,500 acres, over red marl clay and slate, Swithland, nine miles from Leicester. The average daily quantity of water derived from each source is, respectively, (1) 1,066,594 gallons, (2) 1,503,069 gallons, (3) 3,528,461 gallons, (4) is an emergency supply.

*Works.*—Filtration, 300 gallons per square yard per day. Storage reservoirs:—Thornton, 333,000,000 gallons; Bradgate, 556,000,000 gallons; Swithland, 490,000,000 gallons (not used but kept in reserve). Service reservoirs:—New Parks, 2,000,000 gallons; Gilroes, 2,000,000 gallons; Oadby, 1,000,000 gallons; Hallgates, 4,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,101,365 gallons, and 50,204 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (15th December 1913) that the water is good. Hardness, 4° to 8°. No action on lead.

**Leighton Buzzard Urban District Council.**—Supplies Leighton Buzzard U.D.

*Source of Supply (Nature and Sufficiency).*—Well (202 feet), bored into Lower Greensand, Stanbridge Road. The average daily quantity of water obtained is 83,700 gallons, and a further 80,000 gallons per day could be obtained.

*Works.*—Pressure filters. Service reservoirs—Stanbridge Road, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 83,700 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 14°; permanent, 3°. No action on lead; contains some iron.

**Leiston cum Sizewell Urban District Council.**—Supplies Leiston cum Sizewell U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in Crag at Theberton. The average daily quantity of water available is 25,000 gallons.

*Works.*—No filtration. Storage reservoir, tank near Theberton, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (2nd October 1912) that the water is organically good. Hardness:—total, 28°; permanent, 9·71°. No action on lead.

**Leominster Town Council.**—Supplies Leominster B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Well (150 feet) in Old Red Sandstone; (2) Well (25 feet) in gravel, Leominster. The average daily quantity of water obtained is 175,000 gallons, and a further 175,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Leominster, (a) 200,000 gallons, (b) 200,000 gallons, (c) 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 175,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (17th December 1913) that chemically the water is good but turbid. Hardness:—total, 13·02°; permanent, 5·6°. No action on lead; contains some iron.

**Lexden and Winstree Rural District Council.**—Supplies part of parish of East Donyland (Lexden and Winstree R.D.).

*Source of Supply (Nature and Sufficiency).*—Deep well in Chalk, Rowhedge. The average daily quantity of water obtained is 10,000 gallons, and a further 74,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Tower at Rowhedge, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 6·5°. No action on lead.



**Leyburn Rural District Council.**—Supplies parishes of (1) Bellerby, (2) Harmby, (3) Leyburn, (4) Middleham (Leyburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) at Bellerby, (2) at Harmby, from limestone; (3) Moorland spring from limestone, at Leyburn; (4) Moorland surface water, Middleham. The average daily quantity of water available from each source is, respectively, (1) 216,000 gallons, (2) 10,000 gallons, (3) 39,000 gallons, (4) 30,000 gallons.

*Works.*—No filtration. Reservoirs:—(1) Bellerby, 2,000 gallons, (2) Leyburn Road, 1,000 gallons; (3) Leyburn, 30,000 gallons; (4) Middleham Moor, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. (1) Medium hardness; (2) and (3) hard; (4) soft. No action on lead.

**Leyland Urban District Council.**—Supplies Leyland U.D. (part); and part of parish of Clayton le Woods (Chorley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two boreholes (300 and 500 feet), in Millstone Grit, overlying Coal Measures, Clayton le Woods; (2) Supply in bulk from Manchester T.C. (see page 89). The average daily quantity of water derived from each source is, respectively, (1) 215,000 gallons; (2) 37,000 gallons. A further 60,000 gallons per day could be obtained from (1), and 213,000 gallons from (2).

*Works.*—No filtration. Storage reservoir:—Clayton le Woods, 330,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 252,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total, 25·5°; permanent, 13·0°. No action on lead.

**Lincoln Town Council.**—Supplies Lincoln C.B., Bracebridge U.D.; and parts of parishes of Boutham, Bracebridge Heath, Canwick, North Hykeham, Skellingthorpe (Branston R.D.), Saxilby with Ingleby (Welton R.D.), and furnishes a supply in bulk to East Retford R.D.C.

*Powers.*—Lincoln Waterworks Acts, 1846, 1856, and 1871; Lincoln Order, 1880; Lincoln Corporation (Water, &c.) Act, 1908.

*Limits.*—Lincoln C.B.; Bracebridge U.D.; parishes of Boutham, Bracebridge Heath, Branston, Canwick, Heighington, Mere, North Hykeham, Skellingthorpe, South Hykeham, Waddington, Washingborough (Branston R.D.); Hardwick (Gainsborough R.D.); Broxholme, Burton, Cherry Willingham, Greetwell, Nettleham, Reephams, Riseholme, Saxilby with Ingleby (Welton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Four boreholes in New Red Sandstone at Elkesley. Yield not known.

*Works.*—No filtration. Reservoirs:—Bracebridge Heath, 6,000,000 gallons; tower at Westgate, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,618,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (30th September 1911) that chemically the water is excellent. Hardness:—total 8·05°, permanent, 5·32°. No action on lead.

**Linslade Urban District Council.**—Supplies Linslade U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in Greensand, Soulbury Road. The average daily quantity of water obtained is 32,000 gallons, and a further 64,000 gallons per day could be obtained.

*Works.*—Water is filtered. Service reservoir:—Soulbury Road, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 32,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 25°. No action on lead; contains some iron.

**Linthwaite Urban District Council.**—Supplies Linthwaite U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from shale:—(1) Stocker Head, (2) Linfit Hall, (3) Upper Side, (4) Clough Head, (5) Upper Clough, (6) Lane, (7) Lane Top, (8) Smithriding, (9) Deep Lane, Milnsbridge. The average daily quantity of water derived from each source is, respectively, (1) 1,212 gallons; (2) 1,026 gallons; (3) 918 gallons; (4) 1,464 gallons; (5) 1,890 gallons; (6) 702 gallons; (7) 2,160 gallons; (8) 540 gallons; (9) 2,160 gallons. A further 388 gallons per day could be obtained from (1), 724 gallons from (2), 582 gallons from (3), 2,136 gallons from (4), 610 gallons from (5), 498 gallons from (6), 340 gallons from (7), 960 gallons from (8), and 1,340 gallons from (9).

*Works.*—No filtration. Storage reservoir:—Deep Lane, Milnsbridge, 151,760 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 12,072 gallons. Supply is constant.

*Quality of Water.*—Good, and fairly soft. No action on lead.



**Liskeard Town Council.**—Supplies Liskeard B. (part).

*Powers.*—Liskeard Corporation Act, 1898.

*Limits.*—Liskeard B., and parish of Liskeard (Liskeard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Crylla stream at its junction with Trekieve stream, St. Cleer. The average daily quantity of water obtained is 200,000 gallons.

*Works.*—No filtration. Service reservoirs:—St. Cleer Downs, (a) 250,000 gallons; (b) 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 200,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (31st May 1911) that the water is of satisfactory organic purity. Hardness:—total, 1.5°; permanent, 0.8°. No action on lead.

**Liskeard Rural District Council.**—Supplies parts of parishes of Menheniot, Talland (Liskeard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Menheniot and at Talland Hill. Yield not known.

*Works.*—No filtration. Reservoirs:—Trewint, 300 gallons; Talland Hill, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 6.5°. No action on lead.

**Littlehampton Urban District Council.**—Supplies Littlehampton U.D. (part), and parts of parishes of Climping, Lyminster (East Preston R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and boring in Upper Chalk, Warningcamp; (2) Two wells, boring and adits, Littlehampton (auxiliary supply). The average daily quantity of water derived from (1) is 250,000 gallons, and a further 470,000 gallons per day could be obtained from (1) and 240,000 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—Warningcamp, 500,000 gallons; Littlehampton, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 21.3°; permanent, 6.2°. Lead pipes are not used.

**Liverpool Town Council.**—Supplies Liverpool C.B.; Bootle C.B.; Chorley B. (part); Great Crosby U.D. (part); Huyton with Roby U.D. (part); Litherland U.D.; Little Crosby U.D.; Prescott U.D.; Waterloo with Seaforth U.D.; and parishes of Duxbury (part) (Chorley R.D.); Halghton (part), Hanmer (part), Overton (part), Penley (part) (Overton R.D.); Aintree (part), Croxteth Park (part), Ford, Ince Blundell (part), Kirkby (part), Netherton (part), Sefton (part), Thornton (part), West Derby Rural (part) (Sefton R.D.); Cuerdley (part) (Warrington R.D.); Melling (part) (West Lancashire R.D.); Eccleston (part), Halewood (part), Knowsley (part), Speke (part), Tarbock (part), Whiston (part) (Whiston R.D.); and furnishes supplies in bulk to Abram U.D.C., and Leigh T.C., both of whom give supplies in bulk to Leigh R.D.C., Wallasey T.C. (see page 147), Ashton in Makerfield U.D.C. (see page 6), Ellesmere U.D.C., who also supply part of parish of Ellesmere Rural (Ellesmere R.D.), Haydock U.D.C., Hindley U.D.C., Horwich U.D.C. (see page 67), Ince in Makerfield U.D.C. (see page 69), Oswestry T.C. (emergency supply) (see page 105), Runcorn U.D.C. (see page 120), Standish with Langtree U.D.C., who also supply part of parish of Worthington (Wigan R.D.), and Chorley R.D.C. and Wigan R.D.C. in bulk, Tarporley U.D.C., and Withnell U.D.C., Ellesmere R.D.C., Malpas R.D.C., Nantwich R.D.C., who also supply parts of parishes of Bickley (Malpas R.D.) and Beeston (Tarvin R.D.), Northwich R.D.C., Oswestry R.D.C. and Runcorn R.D.C., Sir Richard Brook, who supplies part of parish of Norton (Runcorn R.D.), and A. H. Talbot, Esq., who supplies part of parish of Aston by Sutton (Runcorn R.D.).

*Powers.*—Liverpool Waterworks Act, 1799; Liverpool and Harrington Company Act, 1822; Liverpool Corporation Acts, 1846, 1889, 1890, 1893, 1902, 1908 (General Powers) and 1913; Liverpool Corporation Waterworks Acts, 1847, 1855, 1860, 1862, 1866, and 1880; Liverpool Corporation Water Amendment Act, 1850; Liverpool Corporation Waterworks (Deviation) Act, 1852; Liverpool Waterworks and Improvement Acts, 1871 and 1887; Liverpool Improvement Act, 1882; Liverpool Orders, 1895, 1896, 1901, and 1905; Liverpool (Extension) Orders, 1902 and 1913; Chorley Waterworks Acts, 1846 and 1851; Chorley Waterworks Transfer Act, 1856.

*Limits.*—Liverpool C.B.; Bootle C.B.; Chorley B.; Great Crosby U.D.; Huyton with Roby U.D.; Litherland U.D.; Little Crosby U.D.; Prescott U.D.; Waterloo with Seaforth U.D.; parishes of Aintree, Croxteth Park, Ince Blundell, Kirkby, Lunt, Netherton, Sefton, Thornton, West Derby Rural (Sefton R.D.); Halewood, Knowsley, Speke, Tarbock, Whiston (Whiston R.D.).



*Sources of Supply (Nature and Sufficiency).*—(1) Wells and boreholes in New Red Sandstone, Lodge Lane, Windsor, Green Lane, and Dudlow Lane, Wavertree; (2) Gathering ground (10,000 acres) over limestone grit, Rivington; (3) Lake Vyrnwy with gathering ground (22,742 acres) over Silurian formation, River Vyrnwy watershed, Montgomeryshire. The average daily quantity of water derived from each source is, respectively, (1) 3,000,000 gallons, (2) 12,016,000 gallons, (3) 19,446,000 gallons. A further 2,000,000 gallons per day could be obtained from (1) and 15,000,000 gallons from (3).

*Works.*—Water from sources (2) and (3) only is filtered, 475 gallons per square yard per day. Storage reservoirs:—Roddlesworth, Upper, 178,000,000 gallons, Lower, 99,700,000 gallons; Rake, 79,900,000 gallons; Anglezarke, 1,019,000,000 gallons; Chorley, 48,300,000 gallons; Rivington, 1,841,000,000 gallons; Yarrow, 839,200,000 gallons; Llanfoida, Oswestry, 46,000,000 gallons; Prescott, 209,546,000 gallons. Service reservoirs:—Kensington (a) 9,136,650 gallons, (b) 7,221,193 gallons; Aubrey Street, 4,545,390 gallons; High Park Street, 1,750,000 gallons; Torr Street, 659,000 gallons; Breeze Hill, 6,007,000 gallons; Dudlow Lane, 1,014,000 gallons; Woolton, 1,164,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 30,808,000 gallons, and 3,654,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and daily and monthly bacteriological examination. Chemical analysis (8th December 1913), no comment, but bacteriologist reports that the waters are excellent. Hardness:—Green Lane Well, 15·6°; Dudlow Lane Well, 5·8°; Rivington, 2·73°; Vyrnwy, 1·27°. No action on lead.

**Llandaff and Dinas Powis Rural District Council.**—Supplies part of parish of Penttyrch (Llandaff and Dinas Powis R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Garth Mountain, Penttyrch. The average daily quantity of water obtained is 11,210 gallons.

*Works.*—No filtration. Storage reservoir, Garth Mountain, 500,000 gallons. Service reservoir, Garth Mountain, 8,750 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, 3·6°. No action on lead.

**Llandilo Urban District Council.**—Supplies Llandilo U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface at Maesivan; (2) stream at Llandyfaen. The average daily quantity of water available from each source is, respectively, (1) 132,000 gallons, (2) 317,000 gallons.

*Works.*—No filtration. Service reservoir:—Maesivan, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 210,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 2·1°. No action on lead.

**Llandilo Fawr Rural District Council.**—Supplies parts of parishes of (1) Llandybie, Llanfihangel Aberbythych; (2) Llandilo Rural, Quarter Bach; (3) Llanfynydd (Llandilo Fawr R.D.); and furnishes a supply in bulk to Carmarthen R.D.C. from source (1).

*Sources of Supply (Nature and Sufficiency).*—(1) River Loughor; (2) Springs on Black Mountain; (3) Spring on Rallt Farm. The average daily quantity of water available from each source is, respectively, (1) 180,000 gallons; (2) 35,000 gallons; (3) 20,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Llandybie, 5,000 gallons; (2) Bryaman, 30,000 gallons; (3) Rallt Farm, 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample; the daily average in bulk is 8,720 gallons.

*Quality of Water.*—Good. Hardness:—(1) 5·7°; (2) 1·0°; (3) 0·7°. No action on lead.

**Llandovery Town Council.**—Supplies Llandovery B.

*Sources of Supply (Nature and Sufficiency).*—Cynant spring and well, Cynghordy. The average daily quantity of water available is 50,000 gallons.

*Works.*—No filtration. Storage reservoir, Llanfair Hill, 51,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 45,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 1·36°. Acts very slightly on lead.

\* Llandilo Fawr R.D.C.—Source (1) viz. R. Loughor is owned jointly with Ammanford U.D.C. (Ammanford and Llandilo Fawr Joint Committee).



**Llandrindod Wells Urban District Council.**—Supplies Llandrindod Wells U.D. (part), and part of parish of Llandrindod Rural (Colwyn R.D.).

*Powers.*—Llandrindod Wells Water Act, 1901.

*Limits.*—Llandrindod Wells U.D.; and parishes of Llandrindod Rural (Colwyn R.D.); Llanbadarnfawr (Rhayader R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Ithon, intake in Trefonen Field; (2) Telpyn spring from rock; (3) Gorse spring from rock. The average daily quantity of water derived from each source is, respectively, (1) 180,000 gallons; (2) 12,000 gallons; (3) 1,000 gallons. A further 60,000 gallons per day could be obtained from (1); 2,000 gallons from (2); and 2,000 gallons from (3).

*Works.*—Filtration, 450 gallons per square yard per day. Reservoirs:—Llanfawr, (a) 110,000 gallons; (b) 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 193,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—periodical chemical examination. Hardness, 4°. No action on lead.

**Llandudno Urban District Council.**—Supplies Llandudno U.D., and part of parish of Llanbedry Cennin (Conway R.D.).

*Powers.*—Llandudno Improvement Acts, 1854, 1876 and 1879.

*Limits.*—Llandudno U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Lakes, with upland surface watersheds, 565 acres, Dulyn; and 145 acres, Melynlyn; (2) Spring from limestone, Gogarth, Great Orme. The average daily quantity of water derived from (1) is 1,114,000 gallons; (2) 13,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Llanbedr, 55,800 gallons; Llwynon, Great Orme, 48,100 gallons; Summit, Great Orme, 53,300 gallons; Fach, 936,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,127,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (12th June 1909) that the water is excellent. Hardness:—(1) 0·11°; (2) 10·94°; town supply, 0·8°. No action on lead.

**Llanelly Town Council.**—Supplies Llanelly B., part of parish of Llanelly Rural (Llanelly R.D.), and furnishes a supply in bulk to Burry Port U.D.C. (see page 30).

*Powers.*—Llanelly (Local Board) Waterworks Acts, 1865 and 1891; Llanelly Local Board Act, 1888; Llanelly Waterworks Act, 1909.

*Limits.*—Llanelly B.; and part of parish of Llanelly Rural (Llanelly R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Lliedi river, with gathering ground, 4,048 acres; (2) Cwm Trebeddrod, gathering ground, 350 acres; both in Llanelly Rural. The average daily quantity of water derived from (1) is 3,500,000 gallons; (2) is an emergency supply from which 70,000 gallons per day could be obtained.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoirs:—Lliedi Valley, (a) 220,000,000 gallons; (b) 200,000,000 gallons; Trebeddrod 8,000,000 gallons. Service reservoir:—Felinfoel, 830,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,475,000 gallons, and 25,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (31st December 1913) that the water is fairly satisfactory after filtration. Hardness, 2·5°. No action on lead.

†**Llanelly Rural District Council.**—Supplies parts of parishes of Llanedy, Llanelly Rural, Llannon, Pembrey (Llanelly R.D.).

*Powers.*—Llanelly Rural District Water Act, 1912.

*Limits.*—Parishes of Llanedy, Llanelly Rural (part), Llangennech, Llannon, and Pembrey (Llanelly R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Liable to pollution. Hardness:—from 2° to 12°. No appreciable action on lead.

**Llanfairfechan Urban District Council.**—Supplies Llanfairfechan U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Glan y Sais stream with moorland gathering ground, 393 acres, Llanfairfechan Common, intake at Camarnaint. The average daily quantity of water available is 250,000 gallons.

† Llanelly R.D.C.—Works authorised by the Council's Act of 1912, are now in progress.



*Works.*—No filtration. Storage reservoir:—Camarnaint, 2,500,000 gallons. Service reservoir:—Terrace Walk, 76,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 98,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 1·5°. Acts slightly on lead, but is not treated.

**Llanfrehfa Upper Urban District Council.**—Supplies Llanfrehfa Upper U.D. (part), and Llantarnam U.D. (part).

*Powers.*—Llanfrehfa Upper Local Board Waterworks Act, 1884; Llanfrehfa Upper Order, 1888.

*Limits.*—Llanfrehfa Upper U.D., and Llantarnam U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Llanvaur or Quarry spring from Cwmbran Mountain; (2) Blaenbran Spring from Cwmbran Mountain. The average daily quantity of water derived from each source is, respectively, (1) 118,500 gallons; (2) 101,500 gallons. A further 9,000 gallons per day could be obtained from (1), and 8,500 gallons from (2).

*Works.*—No filtration. Storage reservoir:—Upper Cwmbran, 5,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 220,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (14th October 1910) that the water is very pure. Hardness, 3·5°. No action on lead.

**Llanfyllin Town Council.**—Supplies Llanfyllin B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Coedllan; (2) Spring at Bodfach Park. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Bridge Street, 100 gallons; Rhiwlas, 400 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—fairly hard. No action on lead; contains some iron.

**Llanfyllin Rural District Council.**—Supplies parts of parishes of (1) Llanfair Caereinion; (2) Llanfihangel yng Ngwynfa; (3) Llangynog (Llanfyllin R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from rock and gravel at Mount Pleasant, near Llanfair; (2) Spring from shale at Folanog; (3) Spring at The Mill. The average daily quantity of water available from each source is, respectively, (1) 4,320 gallons; (3) 3,500 gallons; yield of (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Mount Pleasant, 3,425 gallons; (2) tank, 169 gallons; The Mill, 1,687 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—(1) Occasional chemical examination. Analyst remarks (27th September 1910) that the water is good, and fairly hard; (2) and (3) good, and soft. No action on lead.

**Llangefni Urban District Council.**—Supplies Llangefni U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from schists:—(1) Penlan Farm, Llangefni; (2) Ty Coch, Cerrigceinwen. Yield not known.

*Works.*—No filtration. Reservoir:—Llangefni, 816,600 gallons (effective capacity 204,000 gallons). Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Excellent. Hardness:—(1) 4·4°; (2) 3·7°. No action on lead.

**Llangollen Urban District Council.**—Supplies Llangollen U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Vivod Brook, intake above Berwyn. The average daily quantity of water available is 200,000 gallons.

*Works.*—No filtration. Storage reservoir:—Berwyn, 328,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 87,500 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Llangollen Rural District Council.**—Supplies parts of parishes of Llangollen Rural, and Llantysilio (Llangollen R.D.).

*Sources of Supply (Nature and Sufficiency).*—Cromwell Well, Gronwen Well, Brynmorfydd Well, and wells at Llanerch, Vron and Llantysilio. Yield not known.

*Works.*—No filtration. Storage reservoir:—Vroncysyllte, 300,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness not known. No action on lead.



**Llanidloes Town Council.**—Supplies Llanidloes B.

*Source of Supply (Nature and Sufficiency).*—Upland gathering ground, 260 acres, Llangurig. The average daily quantity of water available is 176,000 gallons.

*Works.*—Water is filtered. Reservoir:—Nantyeifr, Llangurig, 10,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 75,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (12th August 1913) that the water is satisfactory. Hardness:—total, 2°; permanent, 1°. No action on lead.

**Llanrwst Urban District Council.**—Supplies Llanrwst U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Crafnant Lake, 64 acres.† The average daily quantity of water obtained is 60,000 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Excellent, and soft. No action on lead.

**Llantrisant and Llantwitfardre Rural District Council.**—Supplies part of parish of Llantrisant (Llantrisant and Llantwitfardre R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs and moorland gathering ground (66 acres), overlying Pennant series, Maendy; (2) Springs and upland surface (409 acres), overlying Pennant series, Llanilid; (3) Springs from the stratum overlying the Dolomitic Conglomerate, Tydu; (4) Springs overlying the Pennant series, Cross Inn. The average daily quantity of water derived from each source is, respectively, (1) 38,300 gallons; (2) 157,700 gallons; (3) 37,900 gallons; (4) 5,200 gallons. A further 153,200 gallons per day could be obtained from (1), 672,300 gallons from (2), 75,800 gallons from (3), and 10,300 gallons from (4).

*Works.*—Filtration at (2) only, 340 gallons per square yard per day. Reservoirs:—(1) Maendy, 22,500 gallons; (2) Llanilid, 2,500,000 gallons; (3) Tydu, 54,000 gallons; (4) Cross Inn, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—(1), (3) and (4), satisfactory; (2) occasional chemical and bacteriological examination. Analyst remarks (22nd December 1913) that chemically the water is pure and bacteriologically satisfactory. Hardness:—(1), (3) and (4), not known; (2) 1·2°. Acts on lead, but tin-lined iron pipes are used.

**Llanwrtyd Urban District Council.**—Supplies Llanwrtyd U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Llechywial Brook, intake one mile from source. Yield not known.

*Works.*—Water is filtered. Storage reservoir:—Waenicolly Farm, 222,000 gallons. Service reservoir:—Henbant Farm, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard. Acts slightly on lead, but galvanised iron pipes are used.

**Llanybyther Rural District Council.**—Supplies parts of parishes of (1) Llanybyther, and (2) Pencarreg (Llanybyther R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandy soil (1) near Llanybyther; (2) Treherbert. The average daily quantity of water available from each source is, respectively, (1) 9,000 gallons; (2) 7,920 gallons.

*Works.*—No filtration. Reservoirs:—Treherbert, 9,000 gallons. (2) Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, and soft. Action on lead not known.

**Lleyn Rural District Council.**—Supplies part of parish of Nevin (Lleyn R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Nevin. The average daily quantity of water available is 43,000 gallons.

*Works.*—No filtration. Reservoir:—Glanrafon, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Rather soft and acts slightly on lead, but is not treated.

† Llanrwst U.D.C.—Crafnant Lake source is used jointly with Geirionydd R.D.C. (Llanrwst and Trefriw Joint Committee).



**Long Ashton Rural District Council.**—Supplies parts of parishes of (1) Yatton, and (2) Easton in Gordano (Long Ashton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and borehole (130 feet) at Bishop's Farm; (2) Spring at Failand. The average daily quantity of water derived from (1) is 20,000 gallons, and a further 144,000 per day could be obtained; yield of (2) not known.

*Works.*—No filtration. Service reservoir:—(1) Cadbury Hill, 150,000 gallons. (1) Pressure is sufficient.

*Quantity of Water supplied.*—(1) Ample; (2) sufficient.

*Quality of Water.*—(1) Periodical bacteriological examination. Analyst remarks (29th November 1911) that the water is quite satisfactory; (2) good. Fairly hard; action on lead not known.

**Long Eaton Urban District Council.**—Supplies Long Eaton U.D. (part); parish of Isley Walton (Castle Donington R.D.); and furnishes supplies in bulk to Castle Donington R.D.C. and Shardlow R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well in Millstone Grit, Stanton by Bridge. The average daily quantity of water obtained is 330,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Castle Donington, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 264,000 gallons, and 66,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (15th July 1913) that the water is palatable. Hardness:—total, 24.01°; permanent, 9.59°. No action on lead.

**Longtown Rural District Council.**—Supplies parishes of Arthuret (part), Kirkandrews Middle, Kirkandrews Moat (part), Kirkandrews Nether (part), Kirklington Middle (part), and Westlinton (part) (Longtown R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sand near Chapeltown. The average daily quantity of water obtained is 160,000 gallons.

*Works.*—No filtration. Service reservoirs:—Netherby, 15,000 gallons; Longtown, 45,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional examination. Analyst remarks (February 1912) that chemically the water is good and fit for all purposes. Hardness, 9°. No action on lead.

**Looe Urban District Council.**—Supplies Looe U.D. (part), and part of parish of Morval (Liskeard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lower Devonian:—(1) Wayland and East Lake Orchard, Talland; (2) Wringworthy, Morval. The average daily quantity of water available from each source is, respectively, (1) 55,000 gallons, (2) 32,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Wayland, 200,000 gallons; Wringworthy, 100,000 gallons. Pressure:—(1) sufficient, (2) insufficient.

*Quantity of Water supplied.*—The daily average is 67,000 gallons. Supply is intermittent.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (21st December 1911) that the water is quite suitable for drinking. Hardness, 7.5°. No action on lead.

**Lostwithiel Town Council.**—Supplies Lostwithiel B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) and (2) at Ford, (3) at Mandlin. The average daily quantity of water derived from each source is, respectively, (1) 16,464 gallons, (2) 10,800 gallons, (3) 7,200 gallons.

*Works.*—No filtration. Service reservoirs:—Bodmin Hill, Lostwithiel, 80,000 gallons, Ford, (a) 30,000 gallons, (b) 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 34,464 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 2.81°. No action on lead; contains some iron.

**Loughborough Town Council.**—Supplies Loughborough B. (part), Shepshed U.D. (part), and parts of parishes of Nanpanton and Prestwold (Loughborough R.D.).

*Powers.*—Loughborough Local Board Acts, 1868 and 1886; Loughborough Corporation Acts, 1897, 1899, and 1905.

*Limits.*—Loughborough B.; Shepshed U.D. (part); parishes of East Leake, Normanton upon Soar, Stanford upon Soar, Sutton Bonington (Leake R.D.); Belton, Cotes, Garendon, Hathern, Hoton, Long Whatton, Nanpanton, Prestwold, Thorpe Acre, and Dishley (Loughborough R.D.).



*Sources of Supply (Nature and Sufficiency).*—(1) Wood Brook with gathering ground 1,050 acres, Nanpanton; (2) Blackbrook with gathering ground 2,867 acres, near Shephed. The average daily quantity of water obtained is 669,573 gallons, and a further 1,580,000 gallons per day could be obtained.

*Works.*—Filtration, 279 gallons per square yard per day. Storage reservoirs:—Nanpanton, 29,000,000 gallons; Blackbrook, 506,000,000 gallons. Service reservoirs:—Nanpanton, 321,000 gallons; Blackbrook, 121,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 669,573 gallons. Supply is constant.

*Quality of Water.*—Biennial chemical and occasional bacteriological examination. Analyst remarks (18th August 1913) that the water is good. Hardness:—total, 10·43°; permanent, 7·14°. No action on lead.

**Ludlow Town Council.**—Supplies Ludlow B. (part); and parts of parishes of East Hamlet and Ludford (Ludlow R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Silurian limestone, Whitcliffe Woods; (2) Spring from glacial drift, at Burway. The average daily quantity of water available from each source is, respectively, (1) 30,000 gallons, (2) 250,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Whitcliffe Woods, 60,000 gallons; (2) Whitcliffe Common, 240,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 165,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—occasional chemical and bacteriological examination. Hardness:—total, 14°; permanent, 3·5°. No action on lead.

**Ludlow Rural District Council.**—Supplies parts of parishes of Halford and Stokesay (Ludlow R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole in Halford. The average daily quantity of water available is 14,000 gallons.

*Works.*—No filtration. Service reservoir:—Halford, 93,750 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Inadequate in dry weather.

*Quality of Water.*—Good, but hard. No action on lead.

**Lunesdale Rural District Council.**—Supplies parts of parishes of Caton and Quernmore (Lunesdale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surface with intakes from Traitor's Gill and Bull Beck, and spring in Gregson's Lot, Caton Moor. Yield not known.

*Works.*—Pressure filters. Storage reservoir:—Caton Moor, 1,100,449 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (2nd January 1914) that the water is in every respect fit for drinking. Soft, but no action on lead.

**Lydney Rural District Council.**—Supplies parts of parishes of Lydney and Woolaston (Lydney R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, (1) Ferneley, Aylburton; (2) Woolaston. The average daily quantity of water available from (1) is 200,000 gallons; yield of (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Rockwood, Aylburton, (a) 90,000 gallons, (b) 90,000 gallons; (2) Woolaston, (a) 17,000 gallons, (b) 17,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional examination. Hardness:—(1) total, 21·0°; permanent, 6·35°; (2) total, 16·1°; permanent, 4·2°. No action on lead.

**Lyme Regis Town Council.**—Supplies Lyme Regis B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Greensand, (1) Colway Lodge; (2) Rhode Farm, Lyme Regis. The average daily quantity of water available from each source is, respectively, (1) 21,600 gallons; (2) 48,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Uplyme Road, 13,000 gallons; Rhode Farm, 85,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 45,000 gallons. Supply is intermittent.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (24th December 1913) that the water shows no signs of contamination. Hardness:—(1) 8·4°, (2) 5°. No action on lead.



**Lymington Town Council.**—Supplies Lymington B. (part); and part of parish of Boldre (Lymington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian well (359 feet), Ampress, Lymington. The average daily quantity of water obtained is 89,413 gallons, and a further 110,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Tower, Queen Street, 75,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 89,413 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (28th August 1913) that the water is excellent. Hardness:—total, 10·6°; permanent, 0·5°. No action on lead.

**Lymm Urban District Council.**—Supplies Lymm U.D. (part); and part of parish of Agden (Bucklow R.D.).

*Powers.*—Lymm Urban District Council Act, 1913.

*Limits.*—Lymm U.D., and parish of Warburton (Bucklow R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boreholes at the Dingle, Lymm, (1) 250 feet; (2) 300 feet; (3) 100 feet. The average daily quantity of water derived from each source is, respectively, (1) 47,000 gallons; (2) 47,000 gallons; (3) 36,000 gallons; and a further 269,930 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Pennyhill, (a) 100,000 gallons, (b) 100,000 gallons; Tower, 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 130,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks that the water is of great organic purity. Hardness:—total, 17·5°; permanent, 5·25°. No action on lead.

**Lynton Urban District Council.**\*—Supplies Lynton U.D. (part); and part of parish of Countisbury (Barnstaple R.D.).

*Sources of Supply (Nature and Sufficiency).*—West Lyn River, Exmoor, intake at Barbrook. The average daily quantity of water obtained is 100,000 gallons, and a further 800,000 gallons per day could be obtained.

*Works.*—Pressure filters. Storage reservoir:—Station Road, 35,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (1st April 1913) that chemically the water is exceptionally pure. Hardness:—total, 4·4°; permanent, 3·8°. No action on lead.

**Macclesfield Town Council.**—Supplies Macclesfield B. (part), and part of parish of Henbury cum Pexall (Macclesfield R.D.); and furnishes a supply in bulk to Macclesfield R.D.C.

*Powers.*—Macclesfield Borough Waterworks Act, 1849; Macclesfield Corporation Act, 1882; Macclesfield Order, 1900.

*Limits.*—Macclesfield B.

*Sources of Supply (Nature and Sufficiency).*—Upland gathering grounds in Sutton and Macclesfield Forest:—(1) 980 acres; (2) 420 acres; (3) 450 acres; (4) 350 acres. The average daily quantity of water available from each source is, respectively, (1) 750,208 gallons; (2) 332,500 gallons; (3) 104,063 gallons; (4) 398,880 gallons.

*Works.*—Filtration, 310 gallons per square yard per day. Storage reservoirs:—Ridgegate, 129,272,500 gallons; Bottoms, 38,937,500 gallons; Tegsnose Wood, 24,500,000 gallons; Leadbetters, 9,345,000. Service reservoirs:—Macclesfield, 1,912,294 gallons; Round Fountain, 52,256 gallons; Blakelow, 11,250 gallons. Pressure is generally sufficient.

*Quantity of Water supplied.*—The daily average is 978,000 gallons, and 22,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (1st August 1913) that the water is satisfactory. Hardness:—total, 4·6°; permanent, 2·2°. Slight action on lead, but tin-lined pipes are used for long services. Water contains a trace of iron.

**Macclesfield Rural District Council.**—Supplies part of parish of Taxal (Macclesfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Oldfield. The average daily quantity of water available is 80,160 gallons.

*Works.*—No filtration. Service reservoirs:—Lane Head, Taxal, (low level) 20,000 gallons, (high level) 5,000 gallons, both in course of construction. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,600 gallons. Supply is constant.

\* Lynton U.D.C.—Works leased from Lynton Water Company.



*Quality of Water*.—Occasional chemical examination. Analyst remarks that the water is of a high degree of organic purity. Hardness:—total, 1·9°; permanent, 1·4°. No action on lead.

**Machynlleth Urban District Council.**—Supplies Machynlleth U.D. (part).

*Source of Supply (Nature and Sufficiency)*.—Upland surface, 271 acres, Esgeireira, Llanwrin. Yield not known.

*Works*.—No filtration. Storage reservoir:—Esgeireira, 3,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 7,600 gallons. Supply is constant.

*Quality of Water*.—Good, and soft. No action on lead; contains a trace of iron.

**Madron Urban District Council.**—Supplies Madron U.D. (part).

*Sources of Supply (Nature and Sufficiency)*.—Springs from granite at Higher Boskinning, Madron Well, and Tregavara. Yield not known.

*Works*.—No filtration. Storage reservoirs:—Higher Boskinning, 150,000 gallons; Tolcarne Round, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—Adequate.

*Quality of Water*.—Good. Hardness, 3·5°. No action on lead.

**Maesteg Urban District Council.**—Supplies Maesteg U.D.

*Sources of Supply (Nature and Sufficiency)*.—(1) Nant Sychbant Stream, Blaen cwm Cerwyn; (2) Nantffyllon stream (two intakes); (3) Tygwyn Bach stream; (4) Nantgwyn Bach stream; (5) River Llynfi, at Blaen Caerau; (6) River Llynfi, at Mynydd Caerau. The average daily quantity of water obtained is 250,000 gallons.

*Works*.—No filtration. Storage reservoirs:—Brynmawr, 100,000 gallons; Tonna, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 250,000 gallons. Supply is constant.

*Quality of Water*.—Quarterly chemical and bacteriological examination. Analyst remarks (11th July 1913) that chemically the water shows no evidence of contamination, but that bacteriologically it is of doubtful purity. Hardness, 2·8°. Acts on lead, but lead pipes are not used.

**Maldon Town Council.**—Supplies Maldon B.

*Powers*.—Maldon Water Act, 1898.

*Limits*.—Maldon B.

*Sources of Supply (Nature and Sufficiency)*.—Three wells bored through London Clay to Reading Beds and Thanet Sands, Spital Road and Wantz Road. The average daily quantity of water obtained is 80,000 gallons, and a further 80,000 gallons per day could be obtained.

*Works*.—No filtration. Storage reservoir:—Spital Road, 69,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 80,000 gallons. Supply is intermittent.

*Quality of Water*.—Good. Hardness, 9°. No action on lead.

**Maldon Rural District Council.**—Supplies parishes of (1) Althorne (part), Cold Norton, Hazeleigh, Latchingdon (part), Mayland (part), North Fambridge (part), Purleigh (part), Stow Maries (part), Woodham Mortimer (part), Woodham Walter (part); (2) Asheldham (part), Southminster (part); (3) Tolleshunt D'Arcy (part), and Tolleshunt Knights (part); (4) Ulting (part) (Maldon R.D.).

*Sources of Supply (Nature and Sufficiency)*.—(1) Surface springs at Woodham Walter; (2) Springs from gravel at Asheldham; (3) Well in subsoil at Inworth; (4) Spring from gravel at Ulting. The average daily quantity of water derived from each source is, respectively, (1) 35,000 gallons; (2) 70,000 gallons; (3) 20,000 gallons; (4) 600 gallons. A further 45,000 gallons per day could be obtained from (1); 10,000 gallons from (2); and 20,000 gallons from (3).

*Works*.—No filtration. Storage reservoirs:—(1) Woodham Walter, 32,000 gallons; (2) Asheldham, 8,750 gallons. Service reservoirs:—(1) Woodham Walter, 64,500 gallons; (2) Asheldham, 13,250 gallons; (3) Inworth, 64,500 gallons; (4) Ulting 200 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—(1) and (3) abundant; (2) and (4) sufficient.

*Quality of Water*.—Occasional chemical and bacteriological examination. Analyst remarks (December 1913 and January 1914) that water from (2) is excellent, and (4) perfectly wholesome. (1) and (3) very good. Hardness:—(1) total, 7°, permanent, 5·5°; (2) total, 9·5°, permanent, 1°; (3) total, 6°, permanent, 4°; (4) total, 13°, permanent, 10°. No action on lead.



**Mallwyd Urban District Council.**—Supplies Mallwyd U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Mountain springs near Dinas Mawddwy. Yield not known.

*Works.*—No filtration. Storage reservoir:—Dinas Mawddwy; 12,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and fairly hard. No action on lead.

**Malmesbury Town Council.**—Supplies Malmesbury B. (part), and part of parish of Malmesbury, St. Paul Without (Malmesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone at The Abbey. The average daily quantity of water obtained is 60,000 gallons, but the yield is unlimited.

*Works.*—No filtration. Storage reservoir:—The Abbey, 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (26th May 1913) that the water is well suited for domestic use. Hardness:—total, 21·7°; permanent, 3·2°. No action on lead.

**Malmesbury Rural District Council.**—Supplies parts of parishes of (1) Malmesbury St. Paul Without and (2) Sherston (Malmesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from rock at Corston, (2) Well at Jubilee Allotments. The average daily quantity of water available from each source is, respectively, (1) 300,000 gallons, (2) 14,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Corston, 2,000 gallons; Jubilee Allotments, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard. No action on lead.

**Malton Urban District Council.**†—Supplies Malton U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in Oolitic limestone, Orchard Fields, Malton. The average daily quantity of water available is 440,437 gallons.

*Works.*—No filtration. Service reservoir:—Castle Howard Road, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 163,948 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 19·65°. No action on lead.

**Malton Rural District Council.**—Supplies parishes of (1) Bulmer (part), (2) Hovingham (part), and (3) Welburn (Malton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from gravel at Bulmer; (2) Springs from limestone at Scackleton; (3) Springs from Oolitic strata near Welburn. Yield of (1) and (2) not known; the average daily quantity of water available from (3) is 17,280 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Bulmer—capacity not known; (2) Scackleton, 2,400 gallons; (3) Welburn, 30,000 gallons. (1) and (3) pressure is sufficient, (2) insufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(3) 15°. (1) and (2) hard. No action on lead.

**Malvern Urban District Council.**—Supplies Malvern U.D. (part); and parts of parishes of Colwall (Ledbury R.D.) and Guarlford (Upton upon Severn R.D.); and furnishes a supply in bulk to Newent R.D.C.

*Powers.*—Malvern Improvement Act, 1851; Malvern Water Acts, 1891 and 1905; Malvern Link (Extension and Water) Act, 1896.

*Limits.*—Malvern U.D., and parishes of Colwall, Mathon Rural (Ledbury R.D.); Leigh (Martley R.D.); Madresfield, Newland (Upton upon Severn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface and springs from gneiss and syenite, Malvern Hills; (2) Boreholes in New Red Sandstone, Bromsberrow Heath, Dymock; (3) Borehole, Gas Works, Malvern Link (emergency supply). The average daily quantity of water available from each source is, respectively, (1) 363,600 gallons; (2) 900,000 gallons, and (3) 100,000 gallons.

† Malton U.D.C.—Works leased from Earl Fitzwilliam.



*Works.*—Filtration, 350 gallons per square yard per day. Storage reservoir:—British Camp, 50,780,000 gallons. Service reservoirs:—British Camp, 250,000 gallons; Wyche, 780,000 gallons; Upper Wyche, 150,000 gallons; North Malvern, 750,000 gallons; Haysladd, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 347,400 gallons, and 1,200 gallons in bulk. Supply is constant.

*Quality of Water.*—Fortnightly chemical and bacteriological examination. Analyst remarks (20th December 1913) that the water is very good. Hardness:—total, 3·3°; permanent, 1·8°. No action on lead.

**Manchester Town Council.**—Supplies Manchester C.B., Denton U.D., Droylsden U.D. (part), Eccles B. (part), Failsworth U.D. (part), Irlam U.D. (part), Little Hulton U.D. (part), Longridge U.D. (part), Oldham C.B. (part), Prestwich U.D. (part), Salford C.B. (part), Stretford U.D. (part), Swinton and Pendlebury U.D., Urmston U.D., Worsley U.D. (part); and parishes of Barton Moss (part), Barton upon Irwell, Davyhulme (part), Flixton (part) (Barton upon Irwell R.D.), Carrington (part), Partington (part) (Bucklow R.D.), Samlesbury (part) (Preston R.D.); and furnishes supplies in bulk to Hyde T.C. (see page 68), Salford T.C. (see page 124), Stockport T.C. (see page 135), Wigan T.C. (see page 155), Atherton U.D.C., Croston U.D.C., Hollingworth U.D.C., Leyland U.D.C. (see page 78), Mottram in Longdendale U.D.C., Tyldesley with Shakerley U.D.C. who also furnish supplies in bulk to Atherton U.D.C. and Leigh R.D.C., Walton le Dale U.D.C. (see page 147), Chorley R.D.C., Garstang R.D.C., Lancaster R.D.C., Lunesdale R.D.C., Preston R.D.C. who also supply parts of parishes of Balderstone and Mellor (Blackburn R.D.), South Westmorland R.D.C. and North Cheshire Water Company (see page 205).

*Powers.*—Manchester Corporation Waterworks Acts, 1847, 1854, 1858, 1860, 1863, 1865 and 1879; Manchester Corporation Amendment Acts, 1848 and 1851; Salford Waterworks and Improvement Act, 1850; Manchester Corporation Waterworks and Improvements Acts, 1867, 1869, 1872 and 1875; Manchester Orders, 1880, 1881, and 1886; Manchester Corporation Acts, 1882, 1889, 1891, 1896, 1897, 1903, 1904 (General Powers), 1906 and 1908.

*Limits.*—Manchester C.B.; Denton U.D.; Droylsden U.D.; Eccles B.; Irlam U.D.; Prestwich U.D.; Salford C.B. (part); Stretford U.D.; Swinton and Pendlebury U.D.; Urmston U.D.; Worsley U.D.; and parishes of Barton Moss, Barton upon Irwell, Davyhulme, Flixton (Barton upon Irwell R.D.); Carrington, Partington (Bucklow R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Etherow and its tributaries and springs from Millstone Grit, gathering ground 19,300 acres, Longdendale; (2) Thirlmere lake, with drainage area of 11,000 acres, Cumberland. The average daily quantity of water derived from each source is, respectively, (1) 26,300,000 gallons; (2) 17,800,000 gallons; and a further 10,000,000 gallons per day will be available from (2) in 1914.

*Works.*—No filtration. Reservoirs:—Arnfield, 209,000,000 gallons; Audenshaw, (a) 528,000,000 gallons, (b) 371,000,000 gallons, (c) 542,000,000 gallons; Bottoms, 407,000,000 gallons; Denton, (a) 30,000,000 gallons, (b) 23,000,000 gallons; Godley, 61,000,000 gallons; Gorton, Upper, 123,000,000 gallons, Lower, 100,000,000 gallons; Hollingworth, 73,000,000 gallons; Prestwich, (a) 20,000,000 gallons, (b) 21,000,000 gallons; Rhodes Wood, 500,000,000 gallons; Torside, 1,474,000,000 gallons; Vale House, 343,000,000; Woodhead, 1,181,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 36,500,000 gallons, and 7,600,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Generally satisfactory. Hardness:—(1) 2°, (2) 0·5°. No action on lead.

**Mansfield Town Council.**—Supplies Mansfield B. (part); and parts of parishes of Teversal (Skegby R.D.); Clipstone (Southwell R.D.); and furnishes supplies in bulk to Mansfield Woodhouse U.D.C. who also supply part of parish of Pleasley (Blackwell R.D.) and Blackwell R.D.C.

*Powers.*—Mansfield Water Act, 1870; Mansfield Water Order, 1888; Mansfield Corporation Acts, 1901 and 1905.

*Limits.*—Mansfield B.; parish of Clipstone (Southwell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Bunter Beds:—(1) Rainworth; (2) Clipstone. The average daily quantity of water derived from each source is, respectively, (1) 557,000 gallons, (2) 529,000 gallons; and a further 200,000 gallons per day could be obtained from each.

*Works.*—No filtration. Storage reservoirs:—Nottingham Road, 240,000 gallons; Berry Hill, 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 869,000 gallons, and 217,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 7°. No action on lead.



**Margam Urban District Council.**—Supplies Margam U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Pennant grit, with mountain gathering ground 1,000 acres, Margam. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Cwm Wenderi, 50,000,000 gallons; Cwm Gwineu, 170,000 gallons; Letty Piod, 140,000 gallons; Penycae, 20,000 gallons; Bryn, 34,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (29th February 1912) that the water is of a high degree of organic purity. Hardness, 1·6°. Acts on lead, but lead pipes are avoided as far as possible.

**Margate Town Council.**—Supplies Margate B.; and parts of parishes of Adisham, Beakesbourne, Bishopsbourne, Bridge, Ickham and Well, Littlebourne, Patribourne, Wickhambreux (Bridge R.D.); Chillenden, Elmstone, Goodnestone, Nonington, Preston, Stourmouth, Wingham (Eastry R.D.); Garlinge and Monkton (Isle of Thanet R.D.); and furnishes supplies in bulk to Broadstairs and St. Peters U.D.C. (see page 27), Eastry R.D.C. and Isle of Thanet R.D.C.

*Powers.*—Margate Corporation Act, 1900; Margate Corporation Water Act, 1902.

*Limits.*—Margate B.; and parishes of Adisham, Beakesbourne, Bishopsbourne, Bridge, Ickham and Well, Littlebourne, Patribourne, Wickhambreux, Womenswold (Bridge R.D.); Chillenden, Elmstone, Goodnestone, Nonington, Preston, Staple, Stourmouth, Wingham (part) (Eastry R.D.); Garlinge (part) and Monkton (Isle of Thanet R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep wells and adits in Chalk, Adisham. The average daily quantity of water available is 3,000,000 gallons.

*Works.*—No filtration. Service reservoirs:—Fleete, 1,000,000 gallons; Uffington, 80,000 gallons; Woodlands, 30,000 gallons; Margate, High Service, 25,000 gallons, Low Service, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,060,000 gallons, and 30,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bi-monthly bacteriological examination. Analyst remarks (14th December 1913) that chemically the water is satisfactory, and (27th August 1913) that bacteriologically it is of the highest degree of purity. Hardness:—total, 19·0°; permanent, 2·8°. No action on lead.

**Market Harborough Urban District Council.**—Supplies Market Harborough U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells in upper limestone bed of Lower Lias, North Kilworth and Husbands Bosworth; (2) Wells in drift gravel overlying Lower Lias, North Kilworth. The average daily quantity of water available from each source is, respectively, (1) 170,000 gallons, (2) 40,000 gallons.

*Works.*—No filtration. Service reservoir:—Great Bowden, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (7th June 1913) that the water is excellent. Hardness, 30°. No action on lead.

**Marlborough Town Council.**—Supplies Marlborough B., and furnishes a supply in bulk to Marlborough R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well in Upper Chalk, Preshute Without. The average daily quantity of water obtained is 114,000 gallons, but the yield is unlimited.

*Works.*—No filtration. Storage reservoir:—Salisbury Hill, North Savernake, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 110,000 gallons, and 4,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 23°; permanent, 4°. No action on lead.

**Martley Rural District Council.**—Supplies part of parish of Clifton upon Teme (Martley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Clifton upon Teme. The average daily quantity of water obtained is 2,000 gallons, and a further 4,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Clifton upon Teme, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard. No action on lead.



**Maryport Urban District Council.**—Supplies Maryport U.D.; and parishes of Dearham, Dovenby (part), Flimby (Cockermouth R.D.); and furnishes a supply in bulk to Papcastle Water Company, who supply part of parish of Papcastle (Cockermouth R.D.).

*Powers.*—Maryport Improvement and Harbour Act, 1866; Maryport District and Harbour Act, 1868.

*Limits.*—Maryport U.D. and parishes of Dearham, Dovenby, and Flimby (Cockermouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Goat Mill Race, off River Derwent, Cockermouth. The average daily quantity of water obtained is 413,000 gallons, and a further 447,000 gallons per day could be obtained.

*Works.*—Water is filtered. Storage reservoir:—Papcastle, 850,000 gallons. Service reservoir:—Hayborough, 360,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 409,200 gallons, and 3,800 gallons in bulk. Supply is constant.

*Quality of Water.*—Liable to pollution. Hardness, 2°. No action on lead.

**Masham Urban District Council.**—Supplies Masham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone, Agra. Yield not known.

*Works.*—No filtration. Storage reservoir, Agra, 28,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. No action on lead.

**Matlock Urban District Council.**—Supplies Matlock U.D. (part).

*Powers.*—Matlock Urban District Council Act, 1898.

*Limits.*—Matlock U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Millstone Grit, (2) Artesian borehole, 300 feet in mountain limestone, Matlock Moor. The average daily quantity of water available is 253,636 gallons.

*Works.*—Part of the water is filtered. Storage reservoir:—The Wolds, 2,250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average 200,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (12th November 1913) that the water is well adapted for drinking. Hardness:—total, 4·0°; permanent, 3·7°. No action on lead.

**Matlock Bath and Scarthin Nick Urban District Council.**—Supplies Matlock Bath and Scarthin Nick U.D. (part).

*Powers.*—Matlock Bath Waterworks Act, 1862.

*Limits.*—Matlock Bath and Scarthin Nick U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Cromford; (2) Springs at Hill Side, Darley. The average daily quantity of water available from each source is, respectively, (1) 91,500 gallons, (2) 37,000 gallons.

*Works.*—No filtration. Reservoirs:—Cromford, 40,000 gallons; Upperwood, (a) 40,000 gallons, (b) 40,000 gallons; Darley Dale, (a) 110,000 gallons, (b) 110,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 51,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 1·4°. No action on lead. Saline.

**Mayfield Rural District Council.**—Supplies part of parish of Mayfield (Mayfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole 250 feet in red sandstone at Mayfield. The average daily quantity of water available is 60,000 gallons.

*Works.*—No filtration. Reservoir at Mayfield, 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total 8·79°, permanent 4·4°. No action on lead.

**Meltham Urban District Council.**—Supplies Meltham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs at Meltham. The average daily quantity of water obtained is 73,500 gallons, and a further 26,500 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—High Moor, (a) 2,150,000 gallons, (b) 800,000 gallons. Service reservoir, Colders, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 73,500 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 3·2°. No action on lead.



**Melton Mowbray Urban District Council.**—Supplies Melton Mowbray U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from glacial clay and sand, Scalford, 3 miles from Melton Mowbray; (2) Gathering ground, 300 acres, Scalford; (3) Gathering ground and springs, Scalford. The average daily quantity of water derived from each source is, respectively, (1) 86,500 gallons, (2) 37,000 gallons, (3) 53,000 gallons (auxiliary supply). A further 15,000 gallons per day could be obtained from (1), 13,000 gallons from (2), and 17,000 gallons from (3).

*Works.*—Filtration at (3) only, 1,500 gallons per square yard per day. Reservoir:—Scalford 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 176,500 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (10th February 1911) that chemically the water is fairly satisfactory and that bacteriologically it is doubtful. Hardness:—total, 19.47°; permanent, 7.1° No action on lead; contains some iron.

**Menai Bridge Urban District Council.**—Supplies Menai Bridge U.D. (part).

*Powers.*—Menai Bridge Urban District Act, 1902.

*Limits.*—Menai Bridge U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) Rhosnadwdd, (2) Gors Golt, (3) Waen Tyddyn Mostyn, (4) Pen y Clip. The average daily quantity of water derived from each source is, respectively, (1) 10,000 gallons, (2) 13,000 gallons, (3) 11,000 gallons, (4) 1,000 gallons.

*Works.*—Filtration:—840 gallons per square yard per day. Service reservoir, Tyddyn To Farm, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analysis (6th January 1911) no comment. Hardness:—total, 5.88°; permanent, 4.48°. No action on lead.

**Mere Rural District Council.**—Supplies parts of parishes of Mere and Sedgely (Mere R.D.); and furnishes a supply in bulk to Sir H. H. A. Hoare, Bart., who supplies parish of West Knoyle (Mere R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Burton Field, Mere. The average daily quantity of water obtained is 20,000 gallons, and a further 230,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Mere Down, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Excellent. Hardness:—permanent, 3.0°. No action on lead.

**Meriden Rural District Council.**—Supplies part of parish of Fillongley (Meriden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Fillongley. The average daily quantity of water available is 4,830 gallons.

*Works.*—No filtration. Storage reservoir:—Fillongley, 3,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 11.28°. No action on lead.

**Merthyr Tydfil Town Council.**—Supplies Merthyr Tydfil C.B.; and part of parish of Vaynor (Vaynor and Penderyn R.D.); and furnishes supplies in bulk to Aberdare U.D.C.\* (see page 1); Caerphilly U.D.C. (see page 30) and Rhymney and Aber Valleys Gas and Water Company (see page 209).

*Powers.*—Merthyr Tydfil Water Acts, 1858 and 1865; Merthyr Tydfil Order, 1876; Merthyr Tydfil District Council Waterworks Act, 1895; Merthyr Tydfil Urban District Council Act, 1903. Merthyr Tydfil Corporation (Water) Act 1911.

*Limits.*—Merthyr Tydfil C.B.; and parish of Vaynor (Vaynor and Penderyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Taf Fechan, with gathering area, 5,188 acres, Breconshire Beacons. The average daily quantity of water available is 4,050,000 gallons.

*Works.*—Filtration, 562 gallons per square yard per day and also pressure filters. Storage reservoirs:—Upper Neuadd, 345,000,000 gallons; Lower Neuadd, 75,000,000 gallons; Pentwyn, 346,000,000 gallons. Service reservoirs:—Pengarnddu, 2,000,000 gallons; Dowlais Top, 343,000 gallons; Penbryn, 564,000 gallons; Tarn Howell, 91,000 gallons; Treharris, 350,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,350,000 gallons and 1,217,300 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (16th September 1913) that the water is satisfactory. Hardness, 4.2°. No action on lead.

\* Merthyr Tydfil T.C. are/about to furnish Aberdare U.D.C., with at least 150,000 gallons per day.



**Middleton Cheney Rural District Council.**—Supplies part of parish of Lower Boddington (Middleton Cheney R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Lower Boddington. The average daily quantity of water obtained is 2,400 gallons, and a further 800 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Lower Boddington, 5,582 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but hard. No action on lead.

**Middlewich Urban District Council.**—Supplies Middlewich U.D. (part) and part of parish of Tetton (Congleton R.D.); and furnishes supplies in bulk to Congleton R.D.C. and Northwich R.D.C. (see page 102).

*Sources of Supply (Nature and Sufficiency).*—Two wells and boreholes (300 feet) in New Red Sandstone, Delamere Forest. The average daily quantity of water obtained is 140,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Delamere, 200,000 gallons; Kinderton, 520,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 101,902 gallons and 38,098 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (22nd August 1912) that the water is of a high degree of purity. Hardness:—total, 9·2°; permanent, 2·8°. No action on lead.

**Midhurst Rural District Council.**—Supplies parts of parishes of Easebourne, Midhurst and West Lavington (Midhurst R.D.).

*Sources of Supply (Nature and Sufficiency).*\*—Two bored wells (150 feet) in Lower Greensand, Easebourne. The average daily quantity of water obtained is 30,000 gallons.

*Works.*—No filtration. Service reservoir:—Knights Field, Easebourne, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Good. Hardness, 3·6°. No action on lead.

**Midsomer Norton Urban District Council.**—Supplies Midsomer Norton U.D. (part); and furnishes a supply in bulk to Clutton R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Dolomitic Conglomerate, Chilcompton; (2) Supply in bulk from Radstock U.D.C. (see page 114); (3) Supply in bulk from Downside Abbey Waterworks (see page 316). The average daily quantity of water derived from each source is, respectively, (1) not known, (2) 15,600 gallons, (3) 44,718 gallons, and a further 3,800 gallons per day could be obtained from (2).

*Works.*—No filtration. Service reservoir:—Chilcompton, 130,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Adequate; the daily average in bulk is 4,500 gallons.

*Quality of Water.*—Quarterly chemical and occasional bacteriological examination. Analyst remarks (21st November 1913) that chemically the water is excellent. Hardness:—total, 23·1°; permanent, 2·1°. No action on lead; saline.

**Milford Haven Urban District Council.**—Supplies Milford Haven U.D. (part).

*Powers.*—Milford Improvement Act, 1857.

*Limits.*—Milford Haven U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs from red sandstone, clay and gravel and upland surfaces 82 acres at Fordway. The average daily quantity of water available is 167,000 gallons.

*Works.*—Filtration, 350 gallons per square yard per day. Storage reservoirs:—Fordway, (a) 3,500,000 gallons, (b) 1,465,200 gallons, (c) 19,706,000 gallons. Service reservoirs:—Meads, (a) 1,000,000 gallons, (b) 300,000 gallons, (c) 132,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 132,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Millom Urban District Council.**—Supplies Millom U.D.; and part of parish of Whicham (Bootle R.D.); and furnishes a supply in bulk to Bootle R.D.C.

*Powers.*—Millom Gas and Water Act, 1875; Millom Local Board Act, 1894.

*Limits.*—Millom U.D.; and parishes of Millom Rural, and Whicham (Bootle R.D.).

\* Midhurst R.D.C.—An additional well is being provided.



*Sources of Supply (Nature and Sufficiency).*—(1) Whicham Beck, with gathering ground, 686 acres, Swinside Fells, Millom; (2) Stoupdale Beck, with gathering ground, 372 acres, Whitcombe Fells, Whicham. The average daily quantity of water available from (1) is 400,000 gallons; (2) is an auxiliary supply.

*Works.*—No filtration. Storage reservoir:—Baystone Bank, Whicham, 28,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 220,000 gallons, and 1,887 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (October 1913) that the water is extremely pure. Hardness:—total,  $1\cdot5^{\circ}$ ; permanent,  $1^{\circ}$ . No action on lead.

**Milton Regis Urban District Council.**—Supplies Milton Regis U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Two wells connected by adit, in Chalk, Highsted, Murston. The average daily quantity of water available is 143,200 gallons.

*Works.*—No filtration. Service reservoir:—Stockers Hill, Rodmersham, 550,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 125,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (14th January 1911) that the water is very satisfactory. Hardness:—total,  $20\cdot5^{\circ}$ ; permanent,  $2\cdot3^{\circ}$ . No action on lead.

**Minehead Urban District Council.**—Supplies Minehead U.D. and parts of parishes of Minehead Without and Wootton Courtney (Williton R.D.).

*Powers.*—Minehead Urban District Council Act, 1904.

*Limits.*—Minehead U.D.; and parts of parishes of Dunster, Minehead Without, Selworthy and Wootton Courtney (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces and springs:—(1) Longcombe; (2) Broadwood; (3) Pinton; (4) Woodcombe. The average daily quantity of water available from each source is, respectively, (1) 120,000 gallons; (2) 57,600 gallons; (3) 77,600 gallons; (4) 7,200 gallons.

*Works.*—No filtration. Service reservoirs:—Turnhill Lea, 125,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. Action on lead not known.

**Montgomery Town Council.**—Supplies Montgomery B. (part).

*Sources of Supply (Nature and Sufficiency).*—Three springs from shale, Montgomery. The average daily quantity of water obtained is 2,064 gallons.

*Works.*—No filtration. Storage reservoirs:—Montgomery, (a) 250,000 gallons (under construction); (b) 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—total,  $20\cdot6^{\circ}$ ; permanent,  $6\cdot0^{\circ}$ . No action on lead.

**Morley Town Council.**—Supplies Morley B. (part), and furnishes a supply in bulk to Ardsley East and West U.D.C., who furnish supplies in bulk to Hunslet R.D.C., Rothwell U.D.C., and Stanley U.D.C.

*Powers.*—Morley Corporation Water Act, 1890; Morley Corporation Acts, 1900, 1905 and 1913.

*Limits.*—Morley B.

*Sources of Supply (Nature and Sufficiency).*—(1) Withens Clough Stream (with gathering ground, 1,200 acres), impounded at Cragg Vale, Mytholmroyd; (2) Supply in bulk from Halifax T.C. (see page 58). The average daily quantity of water derived from each source is, respectively, (1) 1,747,000 gallons, (2) 88,200 gallons, and a further 186,300 gallons per day could be obtained from (2).

*Works.*—Water is filtered. Storage reservoir:—Withens, Cragg Vale, 330,000,000 gallons. Service reservoirs:—Bruntcliffe, 2,739,521 gallons; Victoria, 9,628,195 gallons; Churwell, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 692,000 gallons, and 1,143,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (17th July 1912) that chemically the water is pure. Hardness,  $2\cdot6^{\circ}$ . Acts on lead, and is treated with ammonia alkali.



**Morpeth Town Council.**—Supplies Morpeth B.

*Sources of Supply (Nature and Sufficiency).*—(1) Catch Burn stream, and springs at Tranwell Farm, 2 miles from Morpeth; well and four boreholes in sandstone, Tranwell; (2) Upland gathering ground, Morpeth Common, 1½ miles from Morpeth; (3) Springs at Allery Banks; (4) borehole in Morpeth (standby). The average daily quantity of water derived from each source is, respectively, (1) 125,000 gallons; (2) 10,000 gallons; (3) 20,000 gallons; and a further 10,000 gallons per day could be obtained from (3) and 50,000 gallons from (4).

*Works.*—Filtration (summer only), 50 gallons per square yard per day. Storage reservoirs:—Tranwell, (a) 7,920,000 gallons; (b) 4,850,000 gallons. Service reservoirs:—Tranwell, 100,000 gallons; Morpeth Common, 130,000 gallons; King's or Allery Banks, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 155,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (April 1912) that the water is exceedingly good. Hardness 14°. No action on lead.

**Mountain Ash Urban District Council.**—Supplies Mountain Ash U.D. (part).

*Powers.*—Mountain Ash Local Board Acts, 1886 and 1891; Mountain Ash Orders, 1893 and 1896; Mountain Ash Water and Gas Act, 1900; Pontypridd Waterworks and Tramroad Act, 1908; Mountain Ash Urban District Council Act, 1909; Mountain Ash Water Act, 1910.

*Limits.*—Mountain Ash U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Clydach Brook, with gathering ground, 566 acres; (2) Sychant Brook, with gathering ground, 165 acres; (3) Nantyrifsa, with gathering ground, 329 acres; (4) Darenlas, with gathering ground, 205 acres; (5) Ffrwd Brook, with gathering ground, 170 acres. The average daily quantity of water derived from each source is, respectively, (1) 355,000 gallons; (2) 300,000 gallons; (3) 40,000 gallons; (4) 175,000 gallons; (5) 200,000 gallons. A further 892,000 gallons per day could be obtained from (1), 37,600 gallons from (2), 663,000 gallons from (3), 243,600 gallons from (4), and 147,400 gallons from (5).

*Works.*—Water from source (4) only is filtered, 95 gallons per square yard per day. Storage reservoirs:—Perthgelyn, 33,000,000 gallons; Clydach, Ynysybw, 11,550,000 gallons; Darenlas, 3,000,000 gallons. Service reservoirs:—Buarthy Capel, Ynysybw, 500,000 gallons; Gilfachrhyd, Abercynon, 500,000 gallons; Penrhiwceiber, 500,000 gallons; Cefnpennar, 23,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,068,500 gallons. Supply is generally constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (11th October 1913) that the water shows no evidence of animal or sewage contamination. Hardness, 3·08°. No action on lead.

**Nantwich Urban District Council.**—Supplies Nantwich U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Gathering ground (pasture and cultivated land, boggy land and willow beds), 500 acres, Baddiley. The average daily quantity of water obtained is 140,000 gallons.

*Works.*—Filtration, 300 gallons per square yard per day. Storage reservoirs:—Baddiley, (a) 4,500,000 gallons; (b) 7,500,000 gallons. Service reservoir:—Baddiley, 150,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 140,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (13th January 1908) that chemically the water is highly charged with organic matter, and (19th July 1909) that bacteriologically it is polluted and not safe. Hardness:—total, 21°; permanent, 12°. No action on lead.

**Narberth Urban District Council.**—Supplies Narberth U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Bellman's Well, 1½ miles from Narberth; (2) Spring at Narberth. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Narberth, (a) 14,350 gallons, (b) 200 gallons. Service reservoir:—Narberth, 200 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Inadequate at times.

*Quality of Water.*—Good, and soft. No action on lead.

**Neath Town Council.**—Supplies Neath B. (part); and part of parish of Llantwit Lower (Neath R.D.).

*Powers.*—Neath Water Supply Act, 1861, Neath Water (Extension) Act 1865; Neath Water Order, 1876; Neath Waterworks Act, 1885. Neath Corporation Water Act, 1894. Neath Order, 1908.

*Limits.*—Neath B.; and parish of Llantwit Lower (Neath R.D.).



*Source of Supply (Nature and Sufficiency).*—Upland surface, 843 acres, near Neath. The average daily quantity of water obtained is 500,000 gallons.

*Works.*—Water is filtered. Storage reservoirs:—Mosshouse Wood, 20,000,000 gallons; Neath, (a) 5,000,000 gallons, (b) 15,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 500,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (21st June 1913) that the water is good. Hardness, 2·1°. No action on lead; contains a trace of iron.

**Neath Rural District Council.**—Supplies parishes of (1) Blaengwrach (part), Coedffranc, Dylais Higher (part), Dylais Lower, Michaelston Higher (part), Michaelston Lower, Neath Higher (part), Resolven (part); (2) Blaenhonddan†; (3) Clyne (part)†; (4) Dyffryn Clydach†; (5) Neath Lower†; (6) Ystradfellte†; (7) Rhigos, (Neath R.D.); and furnishes a supply in bulk to Aberavon T.C. from source (1) (see page 1).

*Powers.*—Ystradfellte Water Acts, 1902 and 1912, and Public Health Act, 1875.

*Sources of Supply (Nature and Sufficiency).*—(1) River Tringarth at Ystradfellte, (2) to (7) Springs. Yield not known.

*Works.*—No filtration. Storage reservoir:—(1) Ystradfellte, 650,000,000 gallons (almost completed). Service Reservoirs:—‡Cwmgwrach, 18,700 gallons; Cilfrew, 24,318 gallons; Clyne, 300 gallons; ‡Darran, 440,000 gallons; ‡Pantais, 250,000 gallons; ‡Onllwyn, (a) 250 gallons, (b) 250,000 gallons (under construction); Seven Sisters, 1,000,000 gallons; Crynant, 35,000 gallons; Pontrhydyfen, 300 gallons; ‡Cwmclais, 15,500 gallons; ‡Cwmawr, 30,000 gallons; ‡Tynywoun, 500,000 gallons; ‡Glynneath, 30,000 gallons; ‡Pontneathvaughan, 250,000 gallons (under construction); ‡Resolven, (a) 27,000 gallons, (b) 250,000 gallons; Rhigos, 15,000 gallons; ‡Aberdulais, 500,000 gallons; ‡Hendrefydd 2,500,000 gallons (under construction). Pressure is sufficient.

*Quantity of Water supplied.*—The daily average in bulk is 111,100 gallons. Supply from (1), (5) and (6) is constant and from (2), (3), (4) and (7) intermittent.

*Quality of Water.*—Temporary supply indifferent in 1913—occasional chemical and bacteriological examination. Hardness 3·06°. No action on lead.

**Nelson Town Council.**—Supplies Nelson B. (part); Barrowford U.D. (part); Brierfield U.D. (part); and parts of parishes of Blacko, Reedley Hallows and Wheatley Carr Booth (Burnley R.D.); and furnishes a supply in bulk to Burnley R.D.C.

*Powers.*—Nelson Water and Gas Act, 1866; Nelson Order, 1871; Nelson Local Board Act, 1879; Nelson Improvement Act, 1886; Nelson Local Board Act, 1888; Nelson Corporation Act, 1903.

*Limits.*—Nelson B.; Barrowfield U.D.; Brierfield U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground, 400 acres, containing Catlow Brook and numerous springs, Boulsworth Hill, 2½ miles from Nelson; (2) Moorland gathering ground, 1,100 acres, and Ogden Brook, Pendle Hill, 4½ miles from Nelson. The average daily quantity of water available from each source is, respectively, (1) 400,000 gallons; (2) 1,625,000 gallons.

*Works.*—Sand and pressure filters. Storage reservoirs:—Coldwell, 80,000,000 gallons; Ogden, (a) 54,500,000 gallons, (b) 160,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,560,000 gallons, and 80,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—monthly chemical examination. Hardness:—(1) total, 6·1°; permanent, 4·7°; (2) total, 2·03°, permanent, 1·75°. No action on lead.

**Neston and Parkgate Urban District Council.**—Supplies Neston and Parkgate U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in New Red Sandstone, Hinderton.‡ The average daily quantity of water obtained is 170,000 gallons.

*Works.*—No filtration. Service reservoir:—Little Neston, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 170,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 12°; permanent, 3·5°. No action on lead; contains magnesia and lime.

\* Neath R.D.C.—Works not yet complete.

† Parishes shortly to be supplied from (1).

‡ Reservoirs supplied from (1).

§ Neston and Parkgate U.D.C.—When necessary supplementary supplies are obtainable from Liverpool T.C. and Birkenhead T.C.



**Newark Town Council.**—Supplies Newark B.; and parts of parishes of Balderton, Coddington, Farndon, Hawton, Winthorpe (Newark R.D.); Averham, Edingley, Farnsfield, Halam, Kelham, Southwell, and Upton (Southwell R.D.); and furnishes a supply in bulk to Newark R.D.C.

*Powers.*—Newark Corporation Act, 1891; Newark Orders, 1893 and 1901; Newark Corporation Waterworks Act, 1897.

*Limits.*—Newark B.; and parishes of Balderton, Coddington, Farndon, Hawton, Winthorpe (Newark R.D.); Averham (part), Edingley, Farnsfield, Halam, Kelham (part), Southwell, and Upton (Southwell R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in sandstone, Farnsfield. The average daily quantity of water obtained is 647,570 gallons.

*Works.*—No filtration. Service reservoirs:—Halam, 1,250,000 gallons; Newark, (a) 1,000,000 gallons; (b) 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 641,718 gallons, and 5,852 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (30th July 1912), that the water is quite suitable for drinking. Hardness:—total, 8·05°; permanent, 5·32°. No action on lead.

**Newcastle Emlyn Urban District Council.**—Supplies Newcastle Emlyn U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Upper Silurian strata, Blaenffos Farm; (2) Spring. Yield not known.

*Works.*—No filtration. Storage reservoir:—Cwm Farm, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Very good, and soft. No action on lead.

**New Hunstanton Urban District Council.**—Supplies New Hunstanton U.D. (part), part of parish of Hunstanton (Docking R.D.), and furnishes a supply in bulk to Docking R.D.C.

*Powers.*—New Hunstanton Water and Gas Acts, 1897 (two); New Hunstanton Improvement Act, 1903.

*Limits.*—New Hunstanton U.D., and parishes of Hunstanton and Ringstead (Docking R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk at Old Hunstanton. The average daily quantity of water obtained is 83,600 gallons, but the yield is unlimited.

*Works.*—No filtration. Service reservoirs:—Water Towers, New Hunstanton, (a) 50,000 gallons, (b) 25,000 gallons, (c) 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 77,600 gallons, and 6,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (15th January 1911) that the water is of exceptional organic purity. Hardness:—total, 15·9°; permanent, 4·7°. Acts on lead, but lead pipes are not used.

**Newmarket Rural District Council.**—Supplies part of parish of Stetchworth (Newmarket R.D.).

*Source of Supply (Nature and Sufficiency).*—Bored well, 325 feet at Stetchworth. The average daily quantity of water obtained is 21,100 gallons, and a further 23,772 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Stetchworth, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—total, 27°; permanent, 9°. No action on lead.

**New Mill Urban District Council.**—Supplies New Mill U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Borings, Gooseholes Drift; (2) Boring, Magnum Drift; (3) Springs, Bank House, Fulstone. The average daily quantity of water derived from each source is, respectively, (1) 14,288 gallons, (2) 14,082 gallons, (3) 2,710 gallons.

*Works.*—No filtration. Service reservoir:—Bank House, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 31,680 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 4·5°. No action on lead.

**New Mills Urban District Council.**—Supplies New Mills U.D. (part).

*Powers.*—New Mills Urban District Council Act, 1906.

*Limits.*—New Mills U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground, Ollersett Moor; (2) Spring in disused mine, Gow Hole. The average daily quantity



of water derived from each source is, respectively, (1) 80,200 gallons, (2) 40,000 gallons. A further 10,000 gallons per day could be obtained from (1) and 210,000 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—Ballbeard, 1,176,000 gallons; Ollersett, 550,000 gallons; Low Leighton, 1,190,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,200 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (30th September 1913) that the water is satisfactory. Hardness:—(1) total, 2·5°; permanent, 2·4°; (2) total, 24·3°; permanent, 15·7°. No action on lead.

**Newport (Mon.) Town Council.**—Supplies Newport C.B. (part); Caerleon U.D. (part); and parts of parishes of St. Bride's Netherwent (Chepstow R.D.), Christchurch, Kemeys Inferior, Llangstone, Llanvaches, Llanwern, Penhow (Magor R.D.); Bettws, Graig, Henllys, Malpas, Rogerstone, and St. Woollos (St. Mellons R.D.).

*Powers.*—Newport and Pillgwenlly Waterworks Act, 1854; Newport and Pillgwenlly Waterworks Extension Act, 1872; Newport and Pillgwenlly Water Orders, 1881 and 1883; Newport Waterworks Act, 1887; Newport Corporation Water Act, 1888; Newport Corporation Acts, 1897 and 1902.

*Limits.*—Newport C.B.; Caerleon U.D.; and parishes of St. Bride's Netherwent (Chepstow R.D.), Christchurch, Goldcliff, Kemeys Inferior, Llangattock, Llangstone, Llanmartin, Llanvaches, Magor (part), Nash and Penhow (Magor R.D.); Duffryn, Graig, Malpas, Rogerstone, St. Woollos (St. Mellons R.D.).

*Sources of Supply (Nature and Sufficiency).*—Pant yr eos and Henllys Brooks, intake at Henllys; Castroggy Nant y prydd and Llanvaches Brooks, intakes at Newchurch, Wentwood and Llanvaches. The average daily quantity of water available is 5,000,000 gallons.

*Works.*—Mechanical filters. Storage reservoirs:—Rogerstone, (a) 84,000,000 gallons, (b) 36,000,000 gallons; Pant yr eos, Henllys, 145,000,000 gallons; Wentwood, Llanvaches, 410,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,000,000 gallons. Supply is constant.

*Quality of Water.*—Good—quarterly chemical examination. Hardness:—Rogerstone, 9·66°; Pant yr eos, 9·38°; Wentwood, 5·11°. No action on lead.

**Newport (Isle of Wight) Town Council.**—Supplies Newport B. (part); part of parish of Carisbrooke (Isle of Wight R.D.); and furnishes a supply in bulk to Isle of Wight R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well and adits in Chalk, Idlecombe. The average daily quantity of water obtained is 718,986 gallons, and a further 282,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Alvington, No. 1, 200,000 gallons; No. 2, 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 596,236 gallons and 122,750 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (29th July 1913) that the water is of a high degree of organic and bacterial purity. Hardness:—total, 14·4°; permanent, 2·6°. No action on lead.

**Newport (Salop) Urban District Council.**—Supplies Newport U.D. (part), and furnishes a supply in bulk to Newport R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Three artesian wells bored into Bunter Beds, near Newport. The average daily quantity of water obtained is 100,000 gallons, and a further 50,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Chetwynd Aston, 152,380 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 95,000 gallons and 5,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (October 1911), that the water is good. Hardness, 14°. No action on lead.

**Newport Pagnell Urban District Council.**—Supplies Newport Pagnell U.D. (part); and parish of Lathbury (Newport Pagnell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two wells in Oolite at Ash Hill. The average daily quantity of water obtained is 70,000 gallons.

*Works.*—No filtration. Storage reservoir, Ash Hill, Lakes Lane, 38,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 69,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (28th February 1912) that the water is satisfactory. Rather hard, and no action on lead.



**Newport Pagnell Rural District Council.**—Supplies parts of parishes of (1) Bow Brickhill (2) Hanslope, (3) Newton Longville (Newport Pagnell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Drakewell, Bow Brickhill; (2) Well in Oolite, Northampton Road, Hanslope; (3) Three wells at Drayton Road, Newton Longville. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Drakewell, 5,000 gallons; (2) Northampton Road, tank, 22,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) and (3) not known; (2) total, 44.7°; permanent, 26.2°. No action on lead.

**Newton Abbot Rural District Council.**—Supplies parts of parishes of (1) Bishopsteignton, (2) Bovey Tracey, (3) Chudleigh, (4) Ideford, (5) Kingsteignton, (6) Lustleigh, (7) Moreton Hampstead, (8) Ogwell,\* (9) Torbryan, and (10) West Dawlish (Newton Abbot R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Springs, (b) Supply in bulk from Teignmouth U.D.C. (see page 140); (2) to (7), (9) and (10) Springs; (8) Two Wells<sup>a</sup>. The average daily quantity of water derived from each source is, respectively, (1) (a) 20,000 gallons, (b) 4,200 gallons; (2) 55,000 gallons; (3) 65,000 gallons; (4) 6,000 gallons; (5) 40,364 gallons; (6) 13,000 gallons; (7) 40,000 gallons; (8) 22,120 gallons; (9) 8,000 gallons; (10) 10,000 gallons. A further 20,000 gallons per day could be obtained from (2) and 60,000 gallons from (3).

*Works.*—No filtration. Storage reservoir:—(1) Trendlebeer Down, 3,000,000 gallons. Service reservoirs:—(1) Bishopsteignton, 120,000 gallons; (2) Bovey Tracey, 250,000 gallons; (3) Chudleigh, 70,000 gallons; (4) Ideford, 10,000 gallons; (5) Kingsteignton, 85,000 gallons; (6) Lustleigh, 50,000 gallons; (7) Moreton Hampstead, 100,000 gallons; (9) Ogwell, 70,000 gallons; (9) Denbury, (a) 23,000 gallons; (b) 10,000 gallons; (10) West Dawlish, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) to (7) and (10), Abundant; (8) and (9) barely sufficient.

*Quality of Water.*—Good. Hardness not known. Acts on lead in some cases.

**Newton in Makerfield Urban District Council.**—Supplies Newton in Makerfield U.D. (part); and furnishes a supply in bulk to Leigh R.D.C.

*Powers.*—Newton District Improvement Act, 1855.

*Limits.*—Newton in Makerfield U.D.

*Sources of Supply (Nature and Sufficiency).*—Well, 200 feet, with headings and boreholes 730 feet and 250 feet, in red sandstone, Southworth Road, Newton le Willows. The average daily quantity of water obtained is 358,000 gallons, and a further 192,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Tower, Southworth Road, 310,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 347,274 gallons and 10,726 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (7th January 1914) that the water is good. Hardness:—total, 10.4°; permanent, 7.4°. No action on lead; contains traces of iron.

**Newtown and Llanllwchaiarn Urban District Council.**—Supplies Newtown and Llanllwchaiarn U.D. (part).

*Powers.*—Newtown Water Act, 1898.

*Limits.*—Newtown and Llanllwchaiarn U.D.; and parishes of Kerry (part), and Mochdre (Newtown and Llanidloes R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surface, 1,821 acres, in Mochdre and Kerry. The average daily quantity of water obtained is 151,000 gallons, and a further 157,820 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Mochdre, 13,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 151,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (16th December 1913) that the water is very good. Hardness:—total, 4.1°; permanent, 1.35°. No action on lead.

**New Windsor Town Council.**—Supplies New Windsor B. (part); Eton U.D. (part); and parts of parishes of Eton Wick (Eton R.D.), and Clewer Without (Windsor R.D.).

*Powers.*—Windsor Corporation Water Act, 1884.

*Limits.*—New Windsor B.; Eton U.D.; parishes of Eton Wick (Eton R.D.), and Clewer Without (Windsor R.D.).

\* Newton Abbot R.D.C.—Ogwell is now supplied with water from Torquay T.C. and source (8) has been abandoned.



*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, Tangier Island, Eton. The average daily quantity of water obtained is 1,500,000 gallons, but the yield is unlimited.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,500,000 gallons. Supply is constant.

*Quality of Water.*—Chemical and bacteriological examination every four months. Analyst remarks (4th October 1913) that the water is pure and wholesome. Hardness:—total, 19°; permanent, 5°. No action on lead.

**Norham and Islandshires Rural District Council.**—Supplies part of parish of Norham (Norham and Islandshires R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from gravel, Norham. The average daily quantity of water obtained is 10,000 gallons, and a further 15,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Norham, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Moderate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (12th July 1909) that the water is suitable, but rather hard. No action on lead.

**Northallerton Urban District Council.**—Supplies Northallerton U.D. (part); and parts of parishes of Kirby Sigston, Romanby, and Thimbleby (Northallerton R.D.); and furnishes a supply in bulk to Northallerton R.D.C.

*Powers.*—Northallerton Waterworks Acts, 1891 and 1909; Northallerton Orders, 1904 and 1911.

*Limits.*—Northallerton U.D.; and parishes of Brompton and Romanby (Northallerton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Osmotherley Moors. The average daily quantity of water available is 100,000 gallons.

*Works.*—No filtration. Storage reservoir:—Bullamoor Hill, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 86,000 gallons and 12,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 4°. No action on lead.

**Northam Urban District Council.**—Supplies Northam U.D. (part), and part of parish of Abbotsham (Bideford R.D.).

*Powers.*—Northam Urban District Water Act, 1898.

*Limits.*—Northam U.D.

*Source of Supply (Nature and Sufficiency).*—Upland surface, 243 acres, Melbury, Parkham. The average daily quantity of water obtained is 116,000 gallons, and a further 104,000 gallons per day could be obtained.

*Works.*—Filtration, 300 gallons per square yard per day. Storage reservoir:—Melbury, 29,590,000 gallons. Service reservoir:—Buckleigh, 131,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 116,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th September 1913) that the water is satisfactory. Hardness:—total, 2·9°; permanent, 0·4°. No action on lead.

**Northampton Town Council.**—Supplies Northampton C.B. (part); and parts of parishes of Boughton, Chapel Brampton (in summer), Moulton Park, Ravensthorpe (Brixworth R.D.); Dallington, Duston, and Weston Favell (Northampton R.D.).

*Powers.*—Northampton Waterworks Acts, 1861 and 1882; Northampton Corporation Waterworks Act, 1884; Northampton Order, 1907; Northampton Corporation Water Act, 1913.

*Limits.*—Northampton C.B.; and parishes of Boughton, Brington, Brixworth, Chapel Brampton, Church Brampton, Coton, Cottesbrooke, East Haddon, Great Creaton, Guilsborough, Hannington, Harlestone, Holcot, Holdenby, Hollowell, Moulton, Moulton Park, Old, Overstone, Pitsford, Ravensthorpe, Scaldwell, Spratton, Teeton, Walgrave (Brixworth R.D.); Brockhall, Floore, Stowe Nine Churches, Whilton (Daventry R.D.); Castle Ashby, Cogenhoe, Collingtree, Courteenhall, Great Houghton, Hackleton, Hardingstone, Horton, Little Houghton, Milton, Piddington, Preston Deanery, Quinton, Roade, Rothersthorpe, Whiston, Wootton, Yardley Hastings (Hardingstone R.D.); Bugbrooke, Dallington, Duston, Great Billing, Harpole, Little Billing, Upper Heyford, Upton, Weston Favell (Northampton R.D.); Ashton (Potterspury R.D.); Blisworth, Cold Higham, Gayton, Greens Norton (part), Pattishall, Shutlanger, Stoke Bruerne, Tiffeld (Towcester R.D.); Earls Barton (part), Great Doddington, Grendon, Hardwick, Mears Ashby, and Sywell (Wellingborough R.D.).



*Sources of Supply (Nature and Sufficiency).*—(1) Teeton Brook, with gathering ground, 3,000 acres, Ravensthorpe; (2) Well sunk through Upper Lias clay to Marlstone, Billing Road; (3) Well through Upper Lias clay to Marlstone, Ravensthorpe. The average daily quantity of water available from each source is, respectively, (1) 1,300,000 gallons; (2) 300,000 gallons; (3) 300,000 gallons.

*Works.*—Water from source (1) only is filtered, 324 gallons per square yard per day. Storage reservoir:—Ravensthorpe, 414,000,000 gallons. Service reservoirs:—Stimpson Avenue, (a) 2,000,000 gallons, (b) 1,000,000 gallons; Boughton, 1,000,000 gallons; Duston, 140,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,762,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and occasional bacteriological examination. Analyst remarks (25th October 1913) that the water is of a high degree of bacterial purity. Hardness:—(1) 8·4°; (2) total, 15°; permanent, nil. No action on lead.

**Northampton Rural District Council.**—Supplies parishes of (1) Kislingbury, and (2) Nether Heyford (part), (Northampton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring in Upton; (2) Springs near Nether Heyford. The average daily quantity of water obtained from (1) is 40,000 gallons; yield of (2) not known.

*Works.*—No filtration. Service reservoirs:—Upton, 33,000 gallons; tanks at Nether Heyford, (a) 4,000 gallons; (b) 800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good—occasional chemical examination. Medium hardness and no action on lead.

**North Darley Urban District Council.**—Supplies North Darley U.D. (part).

*Powers.*—Darley Dale Water Act, 1902.

*Limits.*—North Darley U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs from clay and sandstone. The average daily quantity of water available is 230,000 gallons.

*Works.*—Filtration, 470 gallons per square yard per day. Storage reservoir:—White Springs, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 51,250 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 4°. No action on lead.

**Northleach Rural District Council.**—Supplies parish of Northleach (Northleach R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite at The Wellings. The average daily quantity of water available is 50,900 gallons.

*Works.*—No filtration. Service reservoir:—The Wellings, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 9°. No action on lead.

**North Walsham Urban District Council.**—Supplies North Walsham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well with boring, 436 feet, in Chalk, Norwich Road. The average daily quantity of water obtained is 30,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Norwich Road, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 30,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (11th October 1912) that the water is quite fit for drinking. Hardness:—total, 18°; permanent, 5·4°. No action on lead; contains some iron.

**Northwich Urban District Council.**\*—Supplies Northwich U.D.; and parts of parishes of Marton, Rudheath, and Winnington (Northwich R.D.).

*Powers.*†—Northwich Local Board Act, 1885.

*Limits.*†—Northwich U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs and boreholes in sandstone, Cote Brook, Tarporley. The average daily quantity of water obtained is 450,000 gallons.

*Works.*—No filtration. Storage reservoir:—Heyeswood, Hartford, 1,650,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 450,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 13·9°; permanent, 4·7°. No action on lead.

\* Northwich U.D.C. have a separate supply for trade purposes.

† Northwich Urban District Council Act, 1914, extends the Council's limits of supply to include Rudheath (Northwich R.D.).



**Northwich Rural District Council.**—Supplies parishes of (1) Acton (part), Weaverham cum Milton (part); (2) Anderton; (3) Barnton (part); (4) Cuddington (part), Hartford (part), Oakmere (part), Weaverham cum Milton (part); (5) Davenham (part), Eaton (part), Leftwich (part), Moulton (part), Whatcroft (part); (6) Lostock Gralam (part) (Northwich R.D.); (7) Pickmere (part) (Bucklow R.D.); Marbury (part), Marston, and Wincham (part) (Northwich R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1), (2), (4), (6) and (7) Springs; (3) (a) springs; (b) supply in bulk from Messrs. Brunner, Mond & Co., Ltd. (see page 248); (5) (a) springs; (b) supply in bulk from Middlewich U.D.C. (see page 93). The average daily quantity of water derived from each source is, respectively, (1) 21,000 gallons; (2) 5,000 gallons; (3) (a) 34,000 gallons; (b) 17,000 gallons; (4) 70,000 gallons; (5) (a) 34,000 gallons; (b) 4,471 gallons; (6) 34,000 gallons; (7) 42,000 gallons; and a further 70,000 gallons per day could be obtained from (4).

*Works.*—Pressure filters at (5) only. Storage reservoirs:—(1) Weaverham, 40,000 gallons; (3) Barnton, 33,000 gallons; (4) Oakmere, 40,000 gallons; (5) Moulton, 26,000 gallons; (6) Lostock Gralam, 57,000 gallons; (7) Aston by Budworth, 46,000 gallons. Service reservoirs:—(1) Weaverham (tower), 19,000 gallons; (2) Anderton, (a) 100 gallons, (b) 100 gallons; (3) Barnton (tower), 12,000 gallons; (4) Oakmere (towers) (a) 20,000 gallons, (b) 110,000 gallons; (5) Moulton (tower), 24,000 gallons; (6) Lostock Gralam (tower), 13,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Hardness:—(1) 11·5°; (2) 20·6°; (3) 3·0°; (4) 10·25°; (5) 16·25°; (6) 30·0°; (7) 16·0°. No action on lead; (2), (3), and (6) contain lime and magnesia.

**Norton (Derby) Rural District Council.**—Supplies part of parish of Dore (Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Sparkinson's spring; (2) Sheephill spring. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, about 3°. No action on lead.

**Norton (Yorks.) Urban District Council.**—Supplies Norton U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in Oolite, Howe Hill, Norton. The average daily quantity of water obtained is 100,000 gallons, but the yield is unlimited.

*Works.*—No filtration. Storage reservoir.—Howe Hill, 272,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 7°. No action on lead; saline.

**Norton (Yorks.) Rural District Council.**—Supplies parishes of (1) Rillington, (2) Settrington, (3) Yedingham (Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from gravel, Thorpe Bassett; (2) Springs from gravel, Settrington; (3) Artesian well at Yedingham. The average daily quantity of water derived from each source is, respectively, (1) 9,915 gallons; (2) 7,425 gallons; (3) 1,755 gallons. A further 11,685 gallons per day could be obtained from (1), 15,615 gallons from (2), and 32,805 gallons from (3).

*Works.*—No filtration. Service reservoirs:—Rillington, 37,500 gallons; Settrington, 30,000 gallons; Yedingham, 6,337 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) and (2) about 12°; (3) not known. No action on lead.

**Norwich Town Council.**—Supplies part of parish of Whitlingham (Henstead R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, at Whitlingham. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoir, tank at Reb Barn, Whitlingham, 3,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (4th March 1911) that the water is hard, but of high organic purity.

**Nottingham Town Council.**—Supplies Nottingham C.B.; Arnold U.D. (part); Beeston U.D. (part); Carlton U.D. (part); Eastwood U.D. (part); West Bridgford U.D.; and parishes of Awsworth (part), Bestwood Park (part), Bilborough (part), Brinsley (part), Burton Joyce (part), Colwick (part), Gedling (part), Greasley (part), Kimberley (part), Linby (part), Nuthall (part), Papplewick (part), South Wilford (part), Stoke Bardolph (Bassford R.D.); Cropwell Butler (part), Holme Pierrepont (part), Radcliffe on Trent (part), Saxondale



(part) (Bingham R.D.); Haywood Oaks (Skegby R.D.); Bulcote (part), and Oxtun (part) (Southwell R.D.); and furnishes supplies in bulk to Basford R.D.C.; Southwell R.D.C.; Lord Savile, who supplies parishes of Bilsthorpe, Boughton, Rufford (part), and Wellow (part) (Southwell R.D.); and George Goode, Esq., who supplies part of parish of Cossall (Basford R.D.).

*Powers.*—Nottingham Waterworks Acts, 1845, 1874, 1878, and 1879; Nottingham Waterworks Amendment Act, 1854; Nottingham Improvement Act, 1879; Nottingham Corporation Acts, 1882, 1883, 1899, 1902, and 1905; Nottingham and West Bridgford Order, 1892; Nottingham Order, 1896; Nottingham Corporation Water Act, 1897.

*Limits.*—Nottingham C.B.; Arnold U.D.; Beeston U.D.; Carlton U.D.; Eastwood U.D.; West Bridgford U.D.; parishes of Aysworth, Bilborough (part), Brinsley, Burton Joyce, Colwick, Gedling, Greasley, Kimberley, Linby, Nuthall, Papplewick, South Wilford, Stoke Bardolph, Wollaton (Basford R.D.); and Radcliffe on Trent (Bingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep wells and boreholes in New Red Sandstone:—(1) Basford; (2) Bestwood; (3) Papplewick; (4) Burton Joyce; (5) Boughton; (6) Supply in bulk from the Derwent Valley Water Board (see page 169). The average daily quantity of water derived from each source is, respectively, (1) 1,313,352 gallons; (2) 1,475,469 gallons; (3) 1,406,108 gallons; (4) 500,243 gallons; (5) 2,832,887 gallons; (6) 147,034 gallons. A further 540,000 gallons per day could be obtained from (1); 540,000 gallons from (2); 880,000 gallons from (3); 1,930,000 gallons from (4); 1,770,900 gallons from (5), and 1,102,966 gallons from (6).

*Works.*—No filtration. Service reservoirs:—Wilford Hill, 3,588,496 gallons; Belle Vue, 2,248,368 gallons; Ramsdale Hill, 2,231,801 gallons; Red Hill, 1,938,876 gallons; Mapperley, 1,822,267 gallons; Papplewick, 1,487,394 gallons; Watnall Hill, 527,826 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 7,620,509 gallons, and 54,584 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (17th December 1910) that chemically the water is palatable. Hardness:—total, 12·18°; permanent, 5·46°. No action on lead.

#### **Nuneaton Town Council.**—Supplies Nuneaton B. (part).

*Powers.*—East Warwickshire Waterworks Acts, 1882 and 1897; Nuneaton and Chilvers Coton Urban District Council Waterworks Act, 1899.

*Limits.*—Nuneaton B.

*Sources of Supply (Nature and Sufficiency).*—Wells: (1) in Upper Coal Measures at Whittleford (360 feet); (2) in Cambrian at Midland Quarry; (3) in Upper Coal Measures at Robinson's End (620 feet). The average daily quantity of water derived from each source is, respectively, (1) 636,000 gallons; (2) 21,000 gallons; (3) 14,000 gallons; and a further 80,000 gallons per day could be obtained from (3).

*Works.*—Filtration, 500 gallons per square yard per day. Service reservoirs:—Robinson's End, (a) 80,000 gallons, (b) 200,000 gallons, (c) 500,000 gallons, (d) 500,000 gallons; Ansley (High Level) 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 671,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (20th November 1913) that the water is good. Hardness:—total, 18·7°; permanent, 11·0°. No action on lead; contains some iron.

#### **Ogmore and Garw Urban District Council.**—Supplies Ogmore and Garw U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous formation, Brynwith and Tylacoch Farms, Bettws. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. No action on lead.

#### **Okehampton Town Council.**—Supplies Okehampton B. (part); and part of parish of Okehampton Hamlets (Okehampton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Redaven stream with gathering ground 560 acres, intake at Yes Tor on Dartmoor; (2) Springs with gathering ground, 100 acres, in Western Park, Dartmoor. The average daily quantity of water available from each source is, respectively, (1) 110,000 gallons; (2) 55,000 gallons.

*Works.*—Water from source (1) only is filtered. Service reservoirs:—Western Park, (a) 59,400 gallons, (b) 59,400 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—quarterly chemical examination. Hardness, 2°. Acts on lead only after heavy rains.



**Okehampton Rural District Council.**—Supplies parts of parishes of (1) Belstone; (2) Bratton Clovelly; (3) Chagford; (4) and (5) Drewsteignton; (6) Hatherleigh; (7) North Tawton; and (8) South Tawton (Okehampton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from granite on Belstone Common; (2) Well in culm measures; (3) Springs from granite; (4) Well in culm measures, Crockerwell; (5) Well in granite, Sandy Park; (6) and (7) Springs from new red sandstone; (8) Springs from culm measures and granite. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons; (2), (4), (5) not known; (3) 28,000 gallons; (6) 20,000 gallons; (7) 11,000 gallons; (8) 28,000 gallons.

*Works.*—No filtration. Storage reservoir:—North Tawton, 400,000 gallons. Service reservoirs:—(1) Belstone, 5,400 gallons; (3) Chagford, 40,000 gallons; (6) Hatherleigh, 27,000 gallons; (7) North Tawton, 5,000 gallons; (8) South Tawton, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient, except (7).

*Quality of Water.*—Good—occasional chemical examination. Hardness:—(1) and (3), 1.5°; (6) 10.0°; (7) total, 7.4°; permanent, 1.3°; (8) 1.2°. No action on lead.

**Oldham Town Council.**—Supplies Oldham C.B. (part); Chadderton U.D. (part); Crompton U.D. (part); Failsworth U.D. (part); Lees U.D.; Milnrow U.D. (part); Rochdale C.B. (part); Royton U.D. (part); Springhead U.D. (part); and parishes of Alt (part) and Crossbank (Limehurst R.D.).

*Powers.*—Oldham Borough Improvement Act, 1865; Oldham Corporation Waterworks Act, 1870; Oldham Corporation Water Act, 1875; Oldham Improvement Act, 1880; Oldham Corporation Acts, 1886 and 1909.

*Limits.*—Oldham C.B.; Chadderton U.D.; Crompton U.D.; Failsworth U.D.; Lees U.D.; Royton U.D.; Springhead U.D. (part); and parishes of Alt (part), and Crossbank (Limehurst R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground, 5,480 acres, Pennine Range, Yorkshire; (2) pumped from disused colliery workings. The average daily quantity of water obtained from each source is, respectively, (1) 5,274,000 gallons, (2) 750,000 gallons.

*Works.*—No filtration. Reservoirs:—Castle Shaw Upper, 253,000,000 gallons; Strinesdale, Upper, 76,000,000 gallons, Lower, 140,000,000 gallons; Readycon Dean, 83,000,000 gallons; Crook Gate, 41,000,000 gallons; Dowry, 163,000,000 gallons; New Year's Bridge, 91,000,000 gallons; Rooden, 265,000,000 gallons; Norman Hill, 52,000,000 gallons; Hanging Lees, 21,000,000 gallons; Piethorn, 368,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,024,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Hardness:—total, 3.9°; permanent, 3.2°. Acts slightly on lead, and is treated with carbonate of lime.

**Ormskirk Urban District Council.**—Supplies Ormskirk U.D.; and parts of parishes of Aughton and Bickerstaffe (West Lancashire R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and boreholes in red sandstone, Burscough. The average daily quantity of water obtained is 200,000 gallons, and a further 500,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Tower at Ormskirk, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 200,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (18th April 1914) that the water is excellent. Hardness, 5.39°. No action on lead.

**Oswaldtwistle Urban District Council.**—Supplies Oswaldtwistle U.D. (part); and Church U.D. (part).

*Powers.*—Oswaldtwistle Order, 1864; Oswaldtwistle Local Board Act, 1869.

*Limits.*—Oswaldtwistle U.D. and Church U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Moorland gathering ground, 240 acres; and boreholes at White Syke, Oswaldtwistle. The average daily quantity of water obtained is 450,000 gallons, and a further 450,000 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoirs:—Belthorn, (a) 800,000 gallons, (b) 12,000 gallons; Jackhouse, (a) 68,000,000 gallons, (b) 300,000 gallons; Cobbs, (a) 15,000,000 gallons, (b) 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 354,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (July 1913) that the water from Belthorn and Jackhouse reservoirs is not altogether satisfactory. Hardness, total, 6°; permanent, 3°. Part of the water acts on lead.



**Oswestry Town Council.**—Supplies Oswestry B. (part).

*Powers.*—Oswestry Water and Sewerage Act, 1865; Oswestry (Corporation) Water and Markets Act, 1885.

*Limits.*—Oswestry B.

*Sources of Supply (Nature and Sufficiency).*—(1) Brook with upland gathering ground, 455 acres, Penygwely, Llansilin; (2) Supply in bulk from Liverpool T.C. (see page 79). The average daily quantity of water derived from (1) is 289,000 gallons; (2) is an emergency supply.

*Works.*—No filtration. Storage reservoir:—Penygwely, 25,000,000 gallons. Service reservoirs:—Mount Road, (a) 1,400,000 gallons, (b) 1,400,000 gallons, (c) 3,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 289,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—quarterly chemical examination. Hardness, 2·2°. No action on lead.

**Oswestry Rural District Council.**—Supplies parts of parishes of (1) Llanymynech, Oswestry Rural; (2) Oswestry Rural; (3) St. Martin's, and Weston Rhyn (Oswestry R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs; (2) (a) Deep well in limestone, (b) Spring from Millstone Grit, (c) Spring from sandstone; (3) Springs from Millstone Grit. The average daily quantity of water derived from each source is, respectively, (1) 1,700 gallons; (2) (a) 30 gallons, (b) 1,500 gallons, (c) 500 gallons; (3) 25,000 gallons. A further 70 gallons per day could be obtained from (2) (a), 18,500 gallons from (b), and 20,000 gallons from (3).

*Works.*—No filtration. Reservoirs:—(1) Pant, 100,000 gallons; (2) Nantmawr, 100 gallons, Trefonen, 20,000 gallons; (3) Mardy, 15,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (January 1914) that the water is, (1) good, (2) not good, and (3) fit for drinking. Hardness, (1) 14°, (2) 11·5°, (3) 14·5°. No action on lead.

**Otley Urban District Council.**—Supplies Otley U.D. (part) and part of parish of Askwith (Wharfedale R.D.).

*Powers.*—Otley Local Board Act, 1885; Otley Urban District Council Waterworks Act, 1900.

*Limits.*—Otley U.D.

*Sources of Supply (Nature and Sufficiency).*—Upland gathering ground, 1,400 acres, Middleton. The average daily quantity of water obtained is 400,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—Filtration, 570 gallons per square yard per day. Storage reservoir:—March Ghyll, Middleton, 110,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 400,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 4·1°. Acts on lead and is treated with limestone.

**Ottery St. Mary Urban District Council.**—Supplies Ottery St. Mary U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from red sandstone, East Hill, Ottery St. Mary. The average daily quantity of water obtained is 30,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—East Hill, (a) 60,000 gallons, (b) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 30,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (27th April 1909) that the water is in all respects satisfactory. Hardness:—total, 12·0°; permanent, 0·6°. No action on lead.

**Oundle Urban District Council.**—Supplies Oundle U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well, 25 feet, supplied through gravel from River Nene. The average daily quantity of water obtained is 75,000 gallons.

*Works.*—Filtration, 1,400 gallons per square yard per day. Storage reservoir:—Oundle, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 75,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (15th November 1913) that the water is unpolluted and fit for drinking. Hardness:—total, 26·6°; permanent, 4·9°. No action on lead; contains some iron.



**Oxendon Rural District Council.**—Supplies parishes of (1) East Farndon, and (2) Stoke Albany (Oxendon R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at East Farndon; (2) Spring at Stoke Albany. The average daily quantity of water derived from each source is, respectively, (1) 3,000 gallons, (2) 6,000 gallons.

*Works.*—No filtration. Reservoir:—(2) Stoke Albany, 1,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (27th January 1914) that the water is very good. Hard; no action on lead.

**Oxford Town Council.**—Supplies Oxford C.B. (part); and parts of parishes of Cowley, Headington, Ifley, Littlemore, Marston (Headington R.D.); and Wolvercot (Woodstock R.D.).

*Powers.*—Oxford Corporation Waterworks Acts, 1875 and 1885.

*Limits.*—Oxford C.B.; and parishes of North Hinksey, South Hinksey (Abingdon R.D.); Cowley, Headington, Ifley, Littlemore, Marston (part) (Headington R.D.); and Wolvercot (Woodstock R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Thames, (1) at King's Weir, 4 miles from Oxford; (2) infiltration through Valley Gravel, New Hinksey, Oxford. The average daily quantity of water derived from (1) is 1,720,000 gallons, (2) is an emergency supply. A further 300,000 gallons per day could be obtained from (1), and 1,250,000 gallons from (2).

*Works.*—Filtration, 425 gallons per square yard per day. Storage reservoir:—Hinksey, 25,000,000 gallons. Service reservoirs:—Headington Hill, 1,250,000 gallons; Shotover Hill, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,720,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (20th November 1913) that the water is good. Hardness, about 16°. No action on lead.

**Oystermouth Urban District Council.**—Supplies Oystermouth U.D. (part); and part of parish of Bishopston (Gower R.D.).

*Powers.*—Oystermouth Urban District Council (Water) Act, 1911.

*Limits.*—Oystermouth U.D.; and part of parish of Bishopston (Gower R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs tapped underground from limestone at Caswell Bay near Swansea. The average daily quantity of water obtained is 180,000 gallons, and a further 500,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Caswell Hill, Oystermouth, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,000 gallons. Supply is intermittent.

*Quality of Water.*—Good—quarterly examination. Hardness, 16°. No action on lead.

**Padiham Urban District Council.**—Supplies Padiham U.D.; and parts of parishes of Hapton, Northtown, and Simonstone (Burnley R.D.); and furnishes supplies in bulk to Burnley T.C. (see page 29) and Burnley R.D.C.

*Powers.*—Padiham Waterworks Act, 1854; Padiham Water Act, 1874; Padiham Local Board Acts, 1882 and 1889; Padiham Urban District Council Water Act, 1896; Padiham Urban District Council Act, 1908.

*Limits.*—Padiham U.D.; and parishes of Hapton (part), Northtown, and Simonstone (Burnley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces, 284 acres, above Churn Clough Brook, and 156 acres above Stainscombe Brook; and springs from Millstone Grit and Yoredale Rock, Pendle Hill, Pendleton and Goldshaw Booth. The average daily quantity of water available is 481,326 gallons.

*Works.*—No filtration. Storage reservoir:—Pendle Hill, 120,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 341,280 gallons and 41,934 gallons in bulk. Supply is constant.

*Quality of Water.*—Very good. Hardness, 2.5°. No action on lead.

**Padstow Urban District Council.**—Supplies Padstow U.D.; and parts of parishes of Little Petherick, and Padstow Rural (St. Columb Major R.D.).

*Sources of Supply (Nature and Sufficiency).*—Adit near source of a stream, Crack-rattle. Yield not known.

*Works.*—No filtration. Service reservoir:—Padstow, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very pure—occasional examination. Hardness, 3.1°. Lead pipes are not used.



**Paignton Urban District Council.**—Supplies Paignton U.D. (part); and furnishes supplies in bulk to Brixham U.D.C. (*see* page 26); Teignmouth U.D.C. (*see* page 140); Newton Abbot R.D.C., and Totnes R.D.C.

*Powers.*—Paignton Urban District Water Act, 1900; Paignton Urban District Council Act, 1911.

*Limits.*—Paignton U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from limestone, Great Parks, Paignton; (2) Upland surface over granite, Holne Moor, Ashburton. The average daily quantity of water derived from each source is, respectively, (1) 143,000 gallons, (2) 508,800 gallons. A further 20,000 gallons per day could be obtained from (1), and 330,000 gallons from (2).

*Works.*—Sand and pressure filters. Storage reservoirs:—Great Parks, (a) 2,981,000 gallons, (b) 8,280,000 gallons; Holne, Ashburton, 190,000,000 gallons. Service reservoirs:—Great Parks, 115,000 gallons; St. Mary's, 300,000 gallons; Beacon Hill, 600,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 327,900 gallons and 323,900 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—periodical chemical examination of (2). Hardness:—(1) 17°; (2) 5° (after treatment, 3·5°). Water from (2) acts on lead before treatment.

**Pateley Bridge Rural District Council.**—Supplies part of parish of High and Low Bishopside (Pateley Bridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from limestone, Bewerley, (2) Springs from grit, Bishopside. The average daily quantity of water derived from each source is, respectively, (1) 90,000 gallons, (2) 35,000 gallons. A further 240,000 gallons per day could be obtained from (1), and 35,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—(1) Bewerley, 100,000 gallons; (2) Pateley Bridge, 39,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness:—(1) 12°; (1) and (2) mixed, 7·3°. No action on lead.

**Paul Urban District Council.**—Supplies Paul U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from granite, Belle Vue and Jacob's Well, Newlyn; (2) Springs from granite, Trungle, Mousehole; (3) Wells in granite, Sheffield. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Belle Vue, 25,000 gallons; Jacob's Well, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, 4°. Action on lead not known.

**Pebworth Rural District Council.**—Supplies parts of parishes of (1) Ashton under Hill (2) Weston Subedge, and (3) Willersey (Pebworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) at Ashton under Hill, (2) at Weston Subedge, and (3) at Willersey. Yield not known.

*Works.*—No filtration. Service reservoirs:—(1) Ashton under Hill, 20,000 gallons; (2) Weston Subedge, 15,000 gallons; (3) Willersey, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Bi-monthly chemical and bacteriological examination. Analyst remarks (23rd December 1913) that the water is good. Hardness:—(1) total, 24·5°; permanent, 9·1°; (2) total, 17·5°; permanent, 3·6°; (3) total, 35°. No action on lead.

**Pembroke Town Council.**—Supplies Pembroke B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Old Red Sandstone with gathering ground, 4 square miles, Pembroke; (2) Spring from Carboniferous Limestone, with gathering ground at Milton. The average daily quantity of water derived from each source is, respectively, (1) 50,000 gallons, (2) 235,000 gallons, and a further 500,000 gallons per day could be obtained from (2).

*Works.*—No filtration. Storage reservoirs:—South Down, 270,000 gallons; Milton, 90,000 gallons; Stephen's Green, 276,000 gallons; Golden Hill, 276,000 gallons; Imble, 385,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 285,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th February 1911) that the water is excellent. Fairly hard; no action on lead.



**Penistone Urban District Council.**—Supplies Penistone U.D. (part), and furnishes a supply in bulk to Penistone R.D.C. (*see below*).

*Sources of Supply (Nature and Sufficiency).*—Artesian boreholes:—(1) Hornthwaite, Thurlstone; (2) Race Common Quarry, and Mossley Farm; (3) New Cross Quarry, Penistone. The average daily quantity of water derived from (1) and (3) is 245,000 gallons; (2) 75,000 gallons. A further 60,000 gallons per day could be obtained from (1) and (3) and 60,000 gallons from (2).

*Works.*—No filtration. Storage reservoir:—Cross Royd Head, Thurlstone, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,000 gallons, and 140,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 9·5°. No action on lead.

**Penistone Rural District Council.**—(1) Supplies part of parish of Cawthorne (Penistone R.D.); and (2) furnishes a supply in bulk to Darton U.D.C. who also supply Dodworth U.D. (part) and furnish supplies in bulk to Barnsley R.D.C. and Penistone R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring in Cawthorne Park. Yield not known. (2) Supply in bulk from Penistone U.D.C. (*see above*). The average daily quantity of water obtained is 140,000 gallons.

*Works.*—Water is filtered. Service reservoir:—Cawthorne, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate; the daily average in bulk is 138,000 gallons.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (31st July 1913) that the water is of the highest organic purity. Hardness, 3·7°. No action on lead.

**Penmaenmawr Urban District Council.**—Supplies Penmaenmawr U.D. (part).

*Powers.*—Penmaenmawr Local Board Act, 1891.

*Limits.*—Penmaenmawr U.D.

*Sources of Supply (Nature and Sufficiency).*—Upland surface at Tan y Fan. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Afon Grrach, 1,000,000 gallons; Tan y Cwm, 140,000 gallons; Bryn y Iolyn, 140,000 gallons; Moel Llys, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, 2·05°. No action on lead.

**Penrith Urban District Council.**—Supplies Penrith U.D. (part).

*Powers.*—Penrith Urban District Council Act, 1907.

*Limits.*—Penrith U.D.

*Sources of Supply (Nature and Sufficiency).*—Haweswater Lake, with gathering ground, 750 acres, Patterdale. The average daily quantity of water obtained is 350,000 gallons, and a further 350,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Beacon Side, 138,000 gallons; Carleton Hill, 310,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 350,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—occasional chemical and bacteriological examination. Hardness:—total, 1·5°; permanent, 0·5°. Acts on lead, and is treated with limestone.

**Penrith Rural District Council.**—Supplies parishes of (1) Ainstable (part), (2) Berrier and Murrah (part), (3) Catterlen (part), (4) Croglin (part), (5) Culgaith (part), (6) Dacre (part), (7) Gamblesby, (8) Glassonby (part), (9) Great Salkeld (part), (10) Greystoke (part), (11) Hesketh in the Forest (part), (12) Hunsonby and Winskill (part), (13) Hutton in the Forest (part), (14) Hutton John, (15) Hutton Roof (part), (16) Hutton Soil (part), (17) Kirkland and Blencarn (part), (18) Kirkoswald (part), (19) Langwathby (part), (20) Lazonby (part), (21) Little Salkeld (part), (22) Melmerby (part), (23) Newton Reigny (24) Ousby (part), (25) Plumpton Wall (part) (26) Renwick (part), (27) Skelton (part), (28) Skirwith (part), (29) Staffield (part), (30) Threlkeld (part) (Penrith R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) to (3), (5) to (16), (18) to (30), Springs; (4) Spring and surface water; (17) Stream. The average daily quantity of water derived from each source is, respectively, (1) 4,000 gallons; (4) 2,120 gallons; (5) 7,000 gallons; (7) 3,880 gallons; (8) 4,220 gallons; (9) 5,000 gallons; (11) 13 part) and (25) 41,000 gallons; (12) 4,240 gallons; (17) 2,040 gallons; (18) 4,800 gallons; (19) 7,600 gallons; (20) and (29) 10,000 gallons; (21) 1,240 gallons; (22) 3,000 gallons; (24) 4,000 gallons; (26) 2,240 gallons; (28) 7,000 gallons; (30) 8,000 gallons; (2), (3), (6), (10), (13 part), (14), (15), (16) (23) and (27) 60,000 gallons. A further 2,480 gallons per day could be obtained from (1); 8,840 gallons



from (4); 18,920 gallons from (5); 28,520 gallons from (7); 38,980 gallons from (8); 2,560 gallons from (9); 10,000 gallons from (11), (13 part) and (25); 60,560 gallons from (12); 1,200 gallons from (18); 12,338 gallons from (19); 41,840 gallons from (20) and (29); 2,760 gallons from (21); 5,400 gallons from (22); 13,280 gallons from (24); 2,260 gallons from (26); 11,720 gallons from (28); 69,390 gallons from (30); 65,000 gallons from (2), (3), (6), (10), (13 part), (14), (15), (16), (23) and (27).

*Works.*—No filtration. Service reservoirs:—Ainstable, 2,500 gallons; Croglin, 1,158 gallons; Culgaith, 6,000 gallons; Dacre, 2,616 gallons; Gamblesby, 6,048 gallons; Glassonby, 4,506 gallons; Great Salkeld, 9,000 gallons; Hesket in the Forest, 50,000 gallons; Hunsonby and Winskill, 5,932 gallons; Kirkland and Blencarn, 4,200 gallons; Kirkoswald, 5,670 gallons; Langwathby, 2,640 gallons; Lazonby, 35,000 gallons; Little Salkeld, 5,000 gallons; Melmerby, 3,862 gallons; Ousby, 3,840 gallons; Renwick, 4,492 gallons; Skirwith, 5,312 gallons; Threlkeld, 8,270 gallons. Berrier and Murrah, Catterlen, Dacre, Greystoke, Hutton John, Hutton Roof, Hutton Soil, Newton Reiguy, Skelton (Combined) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Generally good—occasional examination. Hardness varies from 0.75° to 11.8°. No action on lead.

**Penybont Rural District Council.**—Supplies parishes of (1) Coychurch Higher (part), Pencoed (part), (2) Llangynwyd Middle (part), (3) Newcastle Higher (part), Ynysawdre (part), (4) Laleston (part), Pyle and Tythegston Higher (part) (Penybont R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Pennant Grit at Cwmrhydymilwyr and Maundy; (2) Springs at Waun Orest; (3) Springs from Coal Measures at Cefn Carfan and at Pentwyn; (4) Springs from limestone at Llwynhelig and Cwm Kenfig. A supply in bulk from Garw Water Company (*see* page 193) is mixed with water from sources (3) and (4). The average daily quantity of water available from each source is, respectively, (1) 295,200 gallons; (2) and (3) not known; (4) 110,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) (a) Rhiwceiliog, 40,000 gallons, (b) Brynwith, 40,000 gallons; (2) Llangynwyd, 40,000 gallons; (3) (a) Pentwyn, 40,000 gallons, (b) Penylan, 40,000 gallons. (1) and (2) pressure is sufficient; (3) insufficient.

*Quantity of Water supplied.*—(1), (2) and (4) Adequate; (3) Inadequate.

*Quality of Water.*—Good, and soft. Acts on lead, but lead pipes are not used. Water from source (1) contains some iron.

**Penzance Town Council.**—Supplies Penzance B.

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground, 500 acres, overflow from mine adit, and springs from granite, Madron; (2) Polteggan Well, Madron. The average daily quantity of water available from each source is, respectively, (1) 300,000 gallons; (2) 210,000 gallons.

*Works.*—Filtration, 10,000 gallons per square yard per day. Storage reservoirs:—Boscathnoe, (a) 10,000,000 gallons, (b) 2,000,000 gallons. Service reservoir:—Boscathnoe, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 450,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (September and October 1913) that the water is free from contamination. Hardness:—(1) 5.5°; (2) 6.3°. No action on lead.

**Pershore Rural District Council.**—Supplies parts of parishes of (1) Bishampton and (2) Wyre Piddle (Pershore R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Lias, Bishampton; (2) Spring from sand and gravel, Wyre Piddle. Yield of (1) not known; the average daily quantity of water available from (2) is 3,000 gallons.

*Works.*—No filtration. Reservoir:—(1) Niblett's Orchard, 4,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—(1) Not good; (2) Good. (1) Hard; (2) Soft. No action on lead; (1) is saline.

**Peterborough Town Council.**—Supplies Peterborough B.; Old Fletton U.D. (part); and furnishes supplies in bulk to Norman Cross R.D.C. and Peterborough R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Artesian wells in Oolite at (1) Wilsthorpe; and (2) Etton. The average daily quantity of water available from each source is, respectively, (1) 1,883,976 gallons; (2) 969,598 gallons.



*Works.*—No filtration. Service reservoir:—Thurlby, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,125,955 gallons and 53,141 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—(1) total 22·7°, permanent 6·3°; (2) total 16·5°, permanent 3·5°. No action on lead.

**Peterborough Rural District Council.**—Supplies parish of Peakirk (Peterborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian bore at Peakirk. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but hard. No action on lead.

**Petersfield Urban District Council.**—Supplies Petersfield U.D. (part); and parts of parishes of Sheet and Steep (Petersfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Lower Greensand, Sheet, and springs at Oakshott, Froxfield. The average daily quantity of water obtained is 100,000 gallons.

*Works.*—Filtration, 300 gallons per square yard per day. Storage reservoirs:—Sheet (a) 174,000 gallons, (b) 185,000 gallons, Steep, 95,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks that the water is good. Hardness, 9·5°. No action on lead; contains some iron.

**Petersfield Rural District Council.**—Supplies parts of parishes of Greatham, Hawkley, and Liss (Petersfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Doscombe, Hawkley. The average daily quantity of water obtained is 8,112 gallons and a further 13,488 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Doscombe, 60,000 gallons. Service reservoir:—Hill Brow, Liss, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—total, 8·9°; permanent, 4·8°. No action on lead.

**Petworth Rural District Council.**—Supplies part of parish of Petworth (Petworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Petworth. The average daily quantity of water obtained is 50,000 gallons, and a further 50,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Pumping station at Petworth, 27,000 gallons. Service reservoir:—Middle Fields Farm, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (8th July 1914) that the water is organically pure and bacterially satisfactory. Hardness:—total, 6·93°; permanent, 3·57°. No action on lead.

**Pewsey Rural District Council.**—Supplies part of parish of Pewsey (Pewsey R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 176 feet, in greensand, Wilcot Road, Pewsey. Yield not known.

*Works.*—No filtration. Service reservoir:—Wilcot Road, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—total, 16·31°; permanent, 3·19°. No action on lead.

**Phillack Urban District Council.**—Supplies Phillack U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from granite and elvan at Gwinear. The average daily quantity of water available is 300,000 gallons.

*Works.*—No filtration. Reservoirs:—Wheal Alfred, Phillack, 104,000 gallons; Higher Tregliston, 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (21st July 1910) that the water is excellent. Hardness, 8°. No action on lead.



**Pickering Rural District Council.**—Supplies parts of parishes of (1) Cropton; (2) Ebberston, (3) Levisham, and (4) Thornton Dale (Pickering R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Rigg End, Hartoft, (2) Ebberston Dale; (3) Rowl Spring; (4) Spring at Nabgate. The average daily quantity of water derived from each source is, respectively, (1) 3,040 gallons; (2) and (3) not known; (4) 29,600 gallons; and a further 59,200 gallons per day could be obtained from (4).

*Works.*—No filtration. Service reservoirs:—(1) Cropton, 20,000 gallons; (2) Alfred's Hill, 2,058 gallons; (4) Caulklands, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good, but hard. No action on lead.

**Plymouth Town Council.**—Supplies Plymouth C.B., Devonport C.B. (part), and parishes of Bickleigh (part), Compton Gifford, Egg Buckland (part), St. Budeaux (part), Tamerton Foliott (part), Weston Peverell (part) (Plympton St. Mary R.D.); Buckland Monachorum (part), Meavy (part), and Walkhampton (part) (Tavistock R.D.); and furnishes supplies in bulk to East Stonehouse U.D.C., Saltash T.C. (see page 124), and Plympton St. Mary R.D.C.

*Powers.*—Plymouth Corporation Water and Markets Act, 1867; Plymouth Corporation Act, 1887; Plymouth Corporation Water Act, 1893; Plymouth Order, No. 2, 1897.

*Limits.*—Plymouth C.B., Devonport C.B.; parishes of Bickleigh, Compton Gifford, Egg Buckland, St. Budeaux, Tamerton Foliott, Weston Peverell (Plympton St. Mary R.D.); Buckland Monachorum, Meavy, Sheepstor, and Walkhampton (Tavistock R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Meavy and tributaries above Burrator Dam, with watershed of 5,360 acres on Dartmoor, in Meavy, Sheepstor, and Walkhampton. The average daily quantity of water obtained is 6,218,000 gallons.

*Works.*—No filtration. Storage reservoir:—Burrator, 668,000,000 gallons. Service reservoirs:—Hartley, 7,130,000 gallons; Drakes, 3,600,000 gallons; Crownhill, Egg Buckland, 1,100,000 gallons; Roborough, Bickleigh, 1,065,000 gallons; Yelverton, Meavy, 114,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 5,465,000 gallons, and 753,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (23rd December 1913) that chemically no exception can be taken to the water. Hardness:—total, 1·61°; permanent, 1·61°. No action on lead.

**Plympton St. Mary Rural District Council.**—Supplies parishes of (1) Cornwood (part), (2) Holbeton (part), (3) Newton Ferrers (part), (4) Plympton St. Mary (part), Plympton St. Maurice, Plymstock (part), (5) Revelstoke (part), and (6) Yealmpton (part) (Plympton St. Mary R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from granite near Cornwood; (2) Springs near Holbeton; (3) Springs near Torre; (4) Springs from granite at Bottle Hill and Lee Moor; (5) Springs near Noss Mayo; (6) Springs near Yealmpton and Dunstone. The average daily quantity of water derived from each source is, respectively, (1) 16,500 gallons; (2) (3) and (5) not known; (4) 298,000 gallons; (6) 42,249 gallons.

*Works.*—No filtration. Reservoirs:—(1) Cornwood, 4,000 gallons; (2) Holbeton, 3,678 gallons; (3) Torre, Newton Ferrers, 4,000 gallons; (4) (a) Plympton St. Mary, 365,000 gallons, (b) Elburton, 100,000 gallons; (5) Revelstoke, 1,000 gallons; (6) Hall Farm, Yealmpton, 62,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—(1) permanent, 6°; (2) permanent, 12°; (3) and (5) not known; (4) total, 3°; permanent, 2°; (6) total, 11°; permanent, 6°. Water from sources (1) and (4) acts slightly on lead, but lead pipes are not used.

**Pocklington Rural District Council.**—Supplies parts of parishes of (1) Barmby on the Moor, (2) Shipton, and (3) Thixendale (Pocklington R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole, 280 feet in red shale at Barmby on the Moor; (2) Borehole, 150 feet, at Shipton; (3) Spring from chalk at Thixendale. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons; (2) 4,500 gallons; (3) 400 gallons. A further 10,411 gallons per day could be obtained from (1), 18,000 gallons from (2), and 2,600 gallons from (3).

\* Pickering R.D.C. are about to provide supplies in parishes of Aislaby, Middleton and Wrelton—works in progress.



*Works.*—No filtration. Reservoirs:—(1) Barmby on the Moor, 40,000 gallons; (2) Gravel Pit Field, Shipton, 20,000 gallons; (3) Thixendale tank, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) total, 20·9°; permanent, 8·5°; (2) total, 14·2°; permanent, 1·0°; (3) total, 11·9°; permanent, 2·7°. No action on lead.

**Pontardawe Rural District Council.**—Supplies parts of parishes of (1) Cilybebyll, Llangiwig, (2) and (3) Llangiwig, (4) and (5) Rhyndwyglydach and (6) Ynysymond (Pontardawe R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) to (6) Springs from Pennant Grit. The average daily quantity of water available from each source is, respectively, (1) 300,000 gallons; (2) 267,500 gallons; (3) 250,000 gallons; (4) 300,000 gallons; (5) 90,000 gallons; (6) 12,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) (a) Rhos, 60,000 gallons, (b) Rhydyfro, 10,000 gallons, (c) Ynismudw, 10,000 gallons; (2) Ystalyfera, 45,000 gallons; (3) (a) Brynamman, 30,000 gallons, (b) Cwmgorse, 10,000 gallons; (4) Clydach, 40,000 gallons; (5) Trebanos, 30,000 gallons; (6) Upper Ynysymond, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Fairly adequate except (3).

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Hardness varies, 1·9°–7°. No action on lead; contains some iron.

**Pontefract Town Council.**—Supplies Pontefract B. (part), and furnishes supplies in bulk to Knottingley U.D.C., Pontefract R.D.C. and Hemsworth R.D.C., who also supply part of parish of East Hardwick (Pontefract R.D.), and furnish a supply in bulk to J. H. Hope Barton, Esq., for part of parish of Darrington (Pontefract R.D.).

*Powers.*—Pontefract Corporation Act, 1906.

*Limits.*—Pontefract B.

*Sources of Supply (Nature and Sufficiency).*—Well in New Red Sandstone, Roall, Whitley Bridge. The average daily quantity of water obtained is 697,428 gallons, and a further 382,572 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Park Hill (a) 366,000 gallons; (b) 555,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 475,428 gallons and 222,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (January 1914) that the water is organically pure. Hardness, 11·5°. No action on lead.

**Pontefract Rural District Council.**—Supplies part of parish of Fairburn (Pontefract R.D.).

*Sources of Supply (Nature and Sufficiency).*—Gad Maer Spring. Yield not known.

*Works.*—No filtration. Service reservoir:—Fairburn, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 36°. No action on lead.

**Pontypool Rural District Council.**—Supplies part of parish of Llanfrechfa Lower (Pontypool R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 30 feet, near Ponthir. The average daily quantity of water obtained is 2,500 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Insufficient.

*Quality of Water.*—Good. Hardness, 16°. No action on lead; contains slight traces of iron.

**Poole Town Council.**—Supplies Poole B. (part); and part of parish of Canford Magna (Poole R.D.).

*Powers.*—Poole Corporation Water Act, 1906.

*Limits.*—Poole B.; and parts of parishes of Canford Magna, Lytchett Minster (Poole R.D.); Corfe Mullen (Wimborne and Cranborne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Corfe Mullen. The average daily quantity of water obtained is 753,030 gallons, and a further 1,046,970 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Forest Hill, 500,000 gallons. Service reservoirs:—Lytchett, 250,000 gallons; Constitution Hill, 500,000 gallons; Broadstone, 300,000 gallons; Broadstone Tower, 61,800 gallons; Parkstone Tower, 61,800 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 753,030 gallons. Supply is constant.

*Quality of Water.*—Good—quarterly chemical and bacteriological examination. Hardness, 15°. No action on lead.

**Porthcawl Urban District Council.**—Supplies Porthcawl U.D. (part); and parish of Sker (Penybont R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs with upland gathering ground, 460 acres, Craig yr Aber Valley, Margam Hills. The average daily quantity of water available is 500,000 gallons.

*Works.*—No filtration. Reservoirs:—Craig yr Aber Valley, 1,500,000 gallons; Tycoch, Porthcawl, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,250 gallons. Supply is constant.

*Quality of Water.*—Chemical and bacteriological examination every four months. Analyst remarks (November 1913) that chemically the water shows no evidence of contamination, and that bacterially it is satisfactory. Hardness, 3°. Acts on lead, but galvanised iron pipes are used.

**Portland Urban District Council.**—Supplies Portland U.D. (part), and part of parish of Upwey (Weymouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two boreholes in Portland Sands, Friar Waddon, Upwey; (2) Wells in Middle Chalk, Goulds Bottom, Upwey (emergency supply). The average daily quantity of water obtained from (1) is 525,000 gallons, and a further 300,000 gallons per day could be obtained from (1) and 225,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Upwey, 510,000 gallons; Portland, 474,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 525,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly bacteriological examination. Bacteriologist remarks (19th January 1914) that the water is of a high degree of bacterial purity. Hardness:—(1) total, 15·4°; permanent, 2°; (2) total, 13·5°; permanent, 2·2°. No action on lead.

**Potterspur Rural District Council.**—Supplies parts of parishes of (1) Hartwell, (2) Passenham, and (3) Potterspur (Potterspur R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Hartwell; (2) Well, 15 feet, near Deanshanger; (3) Well at Blackwell End. Yield not known.

*Works.*—No filtration. Service reservoirs:—Hartwell, (a) 7,000 gallons; (b) 7,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally sufficient.

*Quality of Water.*—Good, but hard. No action on lead.

**Prestatyn Urban District Council.**—Supplies Prestatyn U.D. (part); and parts of parishes of Cwm, Dyserth, and Meliden (St. Asaph (Flint) R.D.).

*Powers.*—Prestatyn Water Act, 1901; Prestatyn Urban District Council Act, 1909.

*Limits.*—Prestatyn U.D.; and parishes of Cwm, Dyserth, and Meliden (St. Asaph (Flint) R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Carboniferous Limestone, Cwm. The average daily quantity of water obtained is 150,000 gallons.

*Works.*—Filtration, 90 gallons per square yard per day. Service reservoirs:—Cwm, (a) 108,000 gallons, (b) 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 16·3°. No action on lead.

**Preston Town Council.**—Supplies Preston C.B.; Longridge U.D. (part); and parts of parishes of Hothersall, Ribblesdale, Ribchester and Whittingham (Preston R.D.); and furnishes a supply in bulk to Preston R.D.C., who also furnish a supply in bulk to West Lancashire R.D.C.

*Powers.*—Preston Waterworks Act, 1853; Preston Improvement Act, 1869; Preston Order, 1894; Preston Corporation Water Act, 1904.

*Limits.*—Preston C.B.; Longridge U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) River Langden and Hareden Brook at Langden Valley and Hareden Valley; (2) Cowley Brook and Dean Brook at Longridge Fells. The average daily quantity of water available from each source is, respectively, (1) 4,500,000 gallons, (2) 1,000,000 gallons.



*Works.*—No filtration. Storage reservoirs:—Alston (old), 94,300,000 gallons; Alston (new), 196,000,000 gallons; Spade Mill, 230,000,000 gallons; Dilworth, 24,000,000 gallons. Service reservoirs:—Grimsargh, 60,000,000 gallons; Dilworth, 7,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,800,000 gallons and 200,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (12th September 1913) that the water is of satisfactory organic purity. Hardness:—total, 4°; permanent, 1·3°. No action on lead; slightly saline.

**Pwllheli Town Council.**—Supplies Pwllheli B. (part); and parts of parishes of Abererch and Llangybi (Lleyn R.D.).

*Powers.*—Pwllheli Corporation Act, 1897.

*Limits.*—Pwllheli B.; and parishes of Abererch and Llangybi (Lleyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from gravel overlying slate and granite, Murcwyp. The average daily quantity of water obtained is 150,000 gallons, and a further 220,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Nant Stigallt, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Excellent, and very soft. No action on lead.

**Queenborough Town Council.**—Supplies Queenborough B.

*Source of Supply (Nature and Sufficiency).*—Well, 400 feet, in Thanet sand, Minster. The average daily quantity of water available is 48,000 gallons.

*Works.*—No filtration. Storage reservoir:—Rushenden Hill, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 36,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (20th February 1913) that the water may be safely used for drinking. Hardness:—total, 29·9°; permanent, 5·6°. No action on lead.

**Radstock Urban District Council.**—Supplies Radstock U.D. (part); and furnishes supplies in bulk to Midsomer Norton U.D.C. (see page 93), Bath R.D.C., Llwydcoed Collieries, Ltd., who supply part of parish of Babington (Frome R.D.), and Lord Hylton, who supplies parts of parishes of Kilmersdon and Writhlington (Frome R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Old Red Sandstone and Lower Limestone Shales, at Downhead. The average daily quantity of water obtained is 117,734 gallons, and a further 73,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Downhead, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 73,734 gallons, and 44,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual examination. Analyst remarks (23rd December 1913) that bacterially the water is quite satisfactory. Hardness, 8·5°. No action on lead.

**Ramsgate Town Council.**—Supplies Ramsgate B.; and parts of parishes of Minster and St. Lawrence Extra (Isle of Thanet R.D.).

*Powers.*—Ramsgate Local Board Act, 1877; Ramsgate Order, 1895; Ramsgate Order (No. 2) 1899.

*Limits.*—Ramsgate B.; and parishes of Minster and St. Lawrence Extra (Isle of Thanet R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and adits in Chalk, Ramsgate and St. Lawrence Extra. The average daily quantity of water obtained is 1,087,473 gallons.

*Works.*—No filtration. Service reservoirs:—Southwood Tower, 250,000 gallons; Low Level, 750,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,087,473 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (20th November 1913) that the water is satisfactory. Hardness:—total, 24·9°; permanent, 7·5°. No action on lead; saline.

**Raunds Urban District Council.**—Supplies Raunds U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Well in alluvial gravel of the Nene Valley, Raunds. The average daily quantity of water obtained is 35,000 gallons, and a further 207,000 gallons per day could be obtained.



*Works.*—No filtration. Service reservoir:—Hargrave Road, 255,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (3rd September 1913) that the water is unpolluted, and fit for drinking. Hardness, 4.5°. No action on lead.

**Reading Town Council.**—Supplies Reading C.B. (part); and parts of parishes of Eye and Dunsden (Henley R.D.); and Earley (Wokingham R.D.); and furnishes supplies in bulk to Goring R.D.C., and Wokingham R.D.C.

*Powers.*—Reading Union Waterworks Act, 1850; Reading Waterworks Acts, 1851 and 1868; Reading Local Board Waterworks Act, 1868; Reading Local Board Waterworks, Sewerage, Drainage and Improvement Act, 1870; Reading Corporation Act, 1887; Reading Orders, 1873 (two) and 1899; Reading Water Order, 1903.

*Limits.*—Reading C.B.; and parishes of Eye and Dunsden (part) (Henley R.D.); Earley (Wokingham R.D.).

*Source of Supply (Nature and Sufficiency).*—River Kennet, intakes at Southcote and Fobney. The average daily quantity of water obtained is 3,206,000 gallons, and a further 5,460,666 gallons per day could be obtained.

*Works.*—Filtration, 400 gallons per square yard per day, and also pressure filters. Storage reservoirs:—Bath Road, (a) 4,000,000 gallons, (b) 4,000,000 gallons; Tilehurst, 5,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,196,236 gallons and 9,764 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyses (September and October 1913) no comment. Hardness:—total, 8.75°; permanent, 2.45°. No action on lead.

**Redcar Urban District Council.**—Supplies Redcar U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, at Upleatham Hill; (2) and (3) Wells and boreholes in shale, Upleatham Hill. The average daily quantity of water available from each source is, respectively, (1) 113,000 gallons; (2) 150,000 gallons and (3) 96,000 gallons.

*Works.*—No filtration. Storage reservoirs:—New Marske, (a) 500,000 gallons, (b) 9,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination—(1) and (2) not entirely satisfactory, (3) of great organic purity and free from objectionable bacteria. Hardness:—(1) and (2), total, 22.5°; permanent, 10.5°; (3) total 28°, permanent, 7°. No action on lead; contains some iron.

**Redruth Urban District Council.**—Supplies Redruth U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs, &c., collected in a disused mine adit:—(1) Penstruthal, from granite; (2) Gordon, from granite; (3) Sandy Lane, from granite; (4) Trefula, from granite; (5) Drump, from Killas. The average daily quantity of water available from each source is, respectively, (1) 86,900 gallons, (2) 14,557 gallons, (3) 132,480 gallons, (4) 12,098 gallons, (5) 20,109 gallons.

*Works.*—No filtration. Storage reservoirs:—Sandy Lane, 5,781,700 gallons; near Wesley Chapel, 24,750 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 164,190 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (6th September 1912) that the water is very pure. Hardness, 3°.

**Reeth Rural District Council.**—Supplies parts of parishes of (1) Arkengarthdale, (2) Grinton, (3) Marrick, (4) Melbecks, (5) Muker, and (6) Reeth (Reeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from limestone, shale and grit; (2) to (6) Springs from limestone. The average daily quantity of water available from (6) is 28,080 gallons; yield of other sources not known.

*Works.*—No filtration. Service reservoirs:—Tanks at (1) Arkengarthdale, 70 gallons; (2) Grinton, 80 gallons; (3) Marrick, 100 gallons; (4) (a) Gallowes, 70 gallons, (b) Blades, 70 gallons; (5) (a) Muker, 100 gallons, (b) Thorns, 900 gallons; (6) Calva Top, Reeth Moor, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good, and soft—occasional chemical examination. No action on lead; (1) contains some iron.



**Rhayader Rural District Council.**—Supplies parishes of (1) Llanyre (part) and (2) Rhayader (Rhayader R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Mountain springs; (2) Mountain springs (supplemented when necessary by River Wye). Yield of (1) not known; the average daily quantity of water available from (2) is 80,000 gallons.

*Works.*—Water from River Wye only is filtered. Reservoirs:—(1) Newbridge on Wye 9,000 gallons; (2) Conyn near Rhayader, 28,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory. Soft, but no action on lead.

**Rhondda Urban District Council.**—Supplies Rhondda U.D. (part).

*Powers.*—Ystradyfodwg Urban District Council (Gas and Water) Act, 1896; Rhondda Urban District Council Acts, 1899, 1902, 1905 and 1911.

*Limits.*—Rhondda U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Weir on Rhondda River, Blaenhondda Mountain; (2) Nant Ystrad Ffernol; (3) Nant Selsig, Tyisaf Mountain, gathering ground, 1,600 acres. The average daily quantity of water available is 1,650,000 gallons.

*Works.*—Filtration, 2,300 gallons per square yard per day. Storage reservoirs:—Llyn Fawr, Rhigos, 200,000,000 gallons. Tynywaun, Treherbert, 7,240,000 gallons. Service reservoirs:—Treherbert, (a) 476,000 gallons, (b) 135,000 gallons; Tyntyla, 40,000 gallons; Blaenclydach, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,639,421 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (July 1913) that the water shows no evidence of organic contamination, but bacteriologically it is doubtful. Hardness, 2·6°. No action on lead.

**Rhyl Urban District Council.**—Supplies Rhyl U.D.; Abergele and Pensarn U.D.; and parishes of Abergele Rural (part), Cefn (part), Llanefydd (part), St. George (part) (St. Asaph (Denbigh) R.D.); Bodelwyddan (part), Rhuddlan, St. Asaph (part), Waen (part) (St. Asaph (Flint) R.D.); and furnishes a supply in bulk to St. Asaph (Denbigh) R.D.C.

*Powers.*—Rhyl Improvement Act, 1852; Rhyl District Waterworks Acts, 1865 and 1871; Rhyl District Water Order, 1879; Rhyl District Water Act, 1892; Rhyl Improvement Act, 1901.

*Limits.*—Rhyl U.D.; Abergele and Pensarn U.D.; and parishes of Abergele Rural, Cefn, St. George (St. Asaph (Denbigh) R.D.); Bodelwyddan, Rhuddlan, St. Asaph, Waen (St. Asaph (Flint) R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and streams, with gathering ground, 900 acres, Llanefydd. The average daily quantity of water available is 1,041,096 gallons.

*Works.*—Filtration, 547 gallons per square yard per day. Storage reservoirs:—Plas Uchaf, 56,000,000 gallons; Dolwen, 48,000,000 gallons. Service reservoir:—Glascoed, Cefn, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 468,920 gallons, and 11,148 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and annual bacteriological examination. Analyst remarks that the water is of satisfactory organic and bacterial purity. Hardness;—total 4·3°, permanent, 0·7°. No action on lead.

**Richmond (Surrey) Town Council.**—Supplies Richmond B.

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Chalk, Richmond; (2) Well in gravel, Petersham, Richmond; (3) Supply in bulk from Metropolitan Water Board (see page 163); (4) River Thames (auxiliary supply). The average daily quantity of water derived from each source is, respectively, (1) 189,885 gallons, (2) 240,266 gallons, (3) 559,000 gallons, (4) 257,601 gallons.

*Works.*—Water from source (2) only is filtered, 450 gallons per square yard per day. Service reservoir:—Richmond Park, 750,000 gallons. Pressure is, in parts, insufficient.

*Quantity of Water supplied.*—The daily average is 1,246,752 gallons. Supply is, in parts, intermittent.

*Quality of Water.*—Satisfactory—weekly chemical and monthly bacteriological examination of (2). Hardness, 18°. No action on lead.

**Richmond (Yorks.) Town Council.**—Supplies Richmond B.

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone and gravel:—(1) Coalsgarth; (2) Aislabeck. The average daily quantity of water available from each source is, respectively, (1) 123,000 gallons and (2) 38,000 gallons.

*Works.*—No filtration. Service reservoirs:—Victoria, Gallowgate, 75,000 gallons; West Field, 15,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (1st August 1911) that the water is excellent. Hard, and no action on lead.

**Richmond (Yorks.) Rural District Council.**—Supplies parishes of (1) Dalton, (2) Downholme, (3) Gayles (part), (4) Hudswell, (5) Skeeby (part), and (6) Whashton (part) (Richmond R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1), (3), (5), and (6), Springs; (2) and (4) Springs on Downholme Moor. Yield not known.

*Works.*—Water from source (4) only is filtered. Storage reservoirs:—(1) Dalton, 936 gallons; (3) Gayles, 1,000 gallons; (4) Hudswell, 936 gallons; (6) Whashton, 312 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. (1) and (3) soft; (2), (4), (5), and (6) hard. No action on lead.

**Ripley Urban District Council.**—Supplies Ripley U.D. (part).

*Sources of Supply Nature and Sufficiency.*—Supplies in bulk from (1) Derwent Valley Water Board (see page 169). (2) The Butterley Co., Ltd.\* (see page 253). (3) Well (180 feet) with heading, Ripley. The average daily quantity of water obtained from (1) is 90,000 gallons, (2) 56,250 gallons; (3) 10,000 gallons, and a further 20,000 gallons per day could be obtained from (3).

*Works.*—No filtration. Reservoirs:—Ripley, 250,000 gallons; High Level Tank, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 156,250 gallons. Supply is constant.

*Quality of Water.*—(3) not very good—occasional chemical examination. Hardness:—(3) total, 27·3°; permanent, 16·19°. No action on lead.

**Ripon Town Council.**—Supplies Ripon B. (part); and parts of parishes of Clothierholme, Grantley, Lindrick with Studley Royal and Fountains, Littlethorpe, North Stainley with Sleningford, Sharow, Studley Roger (Ripon R.D.).

*Powers.*—Ripon Corporation Acts, 1886 and 1901.

*Limits.*—Ripon B.; and parishes of Aldfield, Clothierholme, Copt Hewick, Givendale, Grantley, Lindrick with Studley Royal and Fountains, Littlethorpe, Newby with Mulwith, North Stainley with Sleningford, Sharow, Skelton, Studley Roger (Ripon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Holburn, Craven Gill, and South Gill Becks, tributaries of the River Laver, with gathering ground, 700 acres, Lumley Moor. The average daily quantity of water available is 814,900 gallons.

*Works.*—Filtration, 681 gallons per square yard per day. Service reservoir:—Whitefields, 750,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 304,920 gallons. Supply is constant.

*Quality of Water.*—Frequent chemical examination. Analyst remarks (19th November 1913) that the water is excellent. Hardness, 2·0°. Acts very slightly on lead and is treated with limestone.

**Ripon Rural District Council.**—Supplies parts of parishes of (1) Bishop Monkton, (2) Grewelthorpe, (3) Kirkby Malzeard, and (4) Markington with Wallerthwaite (Ripon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs. Yield not known.

*Works.*—No filtration. Reservoirs:—(2) Grewelthorpe, (3) Kirkby Malzeard; capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness; (1) 17·6°; (4) 24·2°; (2) and (3) soft. No action on lead.

**Risca Urban District Council.**—Supplies Risca U.D.† (part); and Mynyddislwyn U.D.† (part).

*Powers.*—Risca Urban District Council Act, 1909.

*Limits.*—Risca U.D.; Mynyddislwyn U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Nantydraenog and Cwmceasingrig streams, Mynyddislwyn Mountain; (2) Springs at Tynyfynnon and in Cwmearn Valley; (3) Supply in bulk from Rhymney and Aber Valleys Gas and Water Company (see page 209). Yield of (1) and (2) not known; the average daily quantity of water obtained from (3) is 59,868 gallons.

\* Ripley U.D.C.—The supply from the Butterley Co. will be discontinued from 1st September 1915.

† Risca U.D. and Mynyddislwyn U.D. are within the limits of supply of the Abertillery and District Joint Water Board, and the Risca Urban District Council's undertaking is to be transferred to the Joint Board.



*Works.*—Water from source (1) only is filtered. Storage reservoir:—Nantydraenog, 12,000,000 gallons. Service reservoir:—Nantydraenog, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 500,000 gallons. Supply is constant.

*Quality of Water.*—Fairly satisfactory. Hardness, 5°. No action on lead.

**Rishworth Urban District Council.**—Supplies Rishworth U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from shale under peat, Rishworth Moor. Yield not known.

*Works.*—No filtration. Reservoir:—Rishworth Moor, 56,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good. Hardness, 3°. No action on lead.

**Rochdale Town Council.**—Supplies Rochdale C.B. (part); Littleborough U.D. (part); Milnrow U.D. (part); Norden U.D. (part); Wardle U.D. (part); and Whitworth U.D. (part).

*Powers.*—Rochdale Waterworks Acts, 1847 and 1866; Rochdale Improvement Acts, 1872 and 1875; Rochdale Orders, 1880 and 1882; Rochdale Corporation Acts, 1884 and 1908; Rochdale Corporation Water Act, 1898.

*Limits.*—Rochdale C.B., Littleborough U.D., Milnrow U.D., Norden U.D., Wardle U.D., and Whitworth U.D.

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces:—(1) 964 acres, Whitworth; (2) 558 acres, Whitworth and Norden; (3) 497 acres, Whitworth and Wardle; (4) 400 acres, Walsden. Yield not known.

*Works.*—Filtration, at (1) and (2), 600 gallons per square yard per day. Storage reservoirs:—Whitworth, (a) 227,850,000 gallons, (b) 133,543,700 gallons; Whitworth, Wardle and Syke, Rochdale, (a) 47,010,448 gallons, (b) 73,532,152 gallons. Walsden 104,000,000 gallons. Service reservoirs:—Rochdale, 24,271,312 gallons; Knott Hill, Shawforth, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,450,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (15th October 1913) that the water is not quite as good as usual. Hardness, 3·4°. Acts on lead, and is treated with kiln dried whiting.

**Rochester Town Council.**—Supplies Rochester B. (part); and parts of parishes of Frinsbury Extra, and Strood Extra (Strood R.D.).

*Powers.*—Rochester City Improvement Act, 1880.

*Limits.*—Rochester B. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells, 120 feet, in chalk at Strood Hill. The average daily quantity of water obtained is 285,000 gallons, and a further 500,000 gallons per day could be obtained.

*Works.*—Charcoal filters. Service reservoirs:—Broom Hill, (a) 200,000 gallons, (b) 380,000 gallons; Strood Hill, 168,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 285,000 gallons. Supply is constant.

*Quality of Water.*—Liable to pollution, and is treated with chloros—frequent chemical and monthly bacteriological examination. Hardness:—total, 18·69°; permanent, 5·6°. No action on lead.

**Ross Rural District Council.**—Supplies part of parish of Llangarren (Ross R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Treerece. The average daily quantity of water available is 8,000 gallons.

*Works.*—No filtration. Service reservoir:—Llangrove, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 16·3°. Action on lead not known.

**Rothbury Rural District Council.**—Supplies parts of parishes of (1) Harbottle, (2) Longframlington, (3) Mount Healey, and (4) Thropton (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Spring at the Hill, (b) Well in Castle Field; (2) Spring at North Gate; (3) Spring on Lorginshaw Hill; (4) Spring at Chirnells. The average daily quantity of water available from each source is, respectively, (1) (a) 10,000 gallons, (b) 1,440 gallons (emergency supply); (2) 72,000 gallons; (3) 57,600 gallons; (4) 50,400 gallons.

*Works.*—No filtration. Reservoir:—(1) Castle Field, 540 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, and soft. No action on lead.



**Rotherham Town Council.**—Supplies Rotherham C.B. (part); and parishes of Wentworth (part) and Whiston (Rotherham R.D.); and furnishes supplies in bulk to Greasborough U.D.C. and Rawmarsh U.D.C.

*Powers.*—Rotherham and Kimberworth Local Board of Health Acts, 1863 and 1870; Rotherham Corporation Acts, 1875, 1877, 1896, 1900, 1904, and 1911; Sheffield Corporation Water Act, 1896; Derwent Valley Water Act, 1899.

*Limits.*—Rotherham C.B.; Greasborough U.D.; Rawmarsh U.D.; parishes of Brinsworth, Dalton, and Whiston (Rotherham R.D.).

*Source of Supply (Nature and Sufficiency).*—Supply in bulk from Sheffield T.C. The average daily quantity of water obtained is 1,639,000 gallons.

*Works.*—Service reservoirs:—Boston, 750,000 gallons; Cranworth, 600,000 gallons; Keppels, 50,000 gallons; and Kimberworth, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,292,000 gallons and 347,000 gallons in bulk. Supply is constant.

*Quality of Water.*—See Sheffield T.C., page 128.

**Rothwell (Northants) Urban District Council.**—Supplies Rothwell U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from Northampton Sand, Rothwell. The average daily quantity of water available is 145,000 gallons.

*Works.*—No filtration. Service reservoir:—Rushton Road, 215,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 46,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (11th January 1913) that no exception can be taken to the water. Hardness:—total, 21°; permanent, 3·85°. No action on lead; contains iron and lime.

**Royal Leamington Spa Town Council.**—Supplies Royal Leamington Spa B. (part).

*Powers.*—Leamington Corporation Act, 1896.

*Limits.*—Royal Leamington Spa B.

*Sources of Supply (Nature and Sufficiency).*—Two wells in New Red Sandstone:—(1) Champion Well; (2) Lillington Well, Rugby Road. The average daily quantity of water available from each source is, respectively, (1) 650,000 gallons; (2) 600,000 gallons.

*Works.*—No filtration. Service reservoirs:—Royal Leamington Spa, (a) 1,000,000 gallons, (b) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 703,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (January 1912) that the water is good. Hardness:—(1) total, 29·6°; permanent, 17·6°; (2) total, 17·4°; permanent, 10·6°. No action on lead.

**Rugby Urban District Council.**—Supplies Rugby U.D.; and part of parish of Bilton (Rugby R.D.); and furnishes a supply in bulk to Rugby R.D.C.

*Powers.*—Rugby Waterworks Act, 1863; Rugby Water and Improvement Act, 1901.

*Limits.*—Rugby U.D.; and parish of Bilton (Rugby R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Avon at Brownsover Mill; (2) Upland gathering ground, 100 acres, Rugby and Hillmorton. The average daily quantity of water derived from each source is, respectively, (1) 715,169 gallons, (2) 52,000 gallons, and a further 884,831 gallons per day could be obtained from (1).

*Works.*—Filtration, 763 gallons per square yard per day. Storage reservoirs:—Brownsover Mill, 2,000,000 gallons; Avon Pumping Station, 1,000,000 gallons. Service reservoir:—Barby Road Tower, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 757,445 gallons, and 9,724 gallons in bulk. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (16th September 1913) that the water is satisfactory. Hardness:—(1) 19·5°; (2) 17·5°. No action on lead.

**Rugeley Urban District Council.**—Supplies Rugeley U.D. (part); and furnishes a supply in bulk to Lichfield R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two boreholes, 156 feet, in Bunter, Cannock Chase. The average daily quantity of water obtained is 108,671 gallons.

*Works.*—No filtration. Storage reservoir:—Slitting Mill, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 101,843 gallons, and 6,828 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (21st March 1908) that the water is quite satisfactory. Hardness:—total, 6·2°; permanent, 5·4°. No action on lead.



**Runcorn Urban District Council.**—Supplies Runcorn U.D. ; and parts of parishes of Halton and Weston (Runcorn R.D.).

*Powers.*—Runcorn, Weston and Halton Waterworks Acts, 1865 and 1870 ; Runcorn Commissioners Act, 1893.

*Limits.*—Runcorn U.D., and parishes of Halton and Weston (Runcorn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Trias, Runcorn Hills ; (2) Supply in bulk from Liverpool T.C. (see page 79). The average daily quantity of water derived from each source is, respectively, (1) 120,000 gallons ; (2) 470,000 gallons. A further 230,000 gallons per day could be obtained from (1) and 530,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—Runcorn Hills, 1,000,000 gallons ; Weston Tank, 36,000 gallons ; Halton, 26,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 590,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and occasional bacteriological examination. Analyst remarks (28th August 1913) that the water is quite satisfactory. Hardness:—total, 9·0° ; permanent, 6·5°. No action on lead ; saline.

**Runcorn Rural District Council.**—Supplies parts of parishes of (1) Frodsham, Frodsham Lordship, (2) Helsby, and (3) Kingswood, and Manley (Runcorn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and boreholes in red sandstone : (1) Frodsham ; (2) Helsby ; (3) Springs from sand and marl near Delamere Forest. The average daily quantity of water derived from each source is, respectively, (1) 76,750 gallons ; (2) 38,250 gallons ; (3) 25,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) (a) Overton 125,000 gallons, (b) Beacon Hill, 50,000 gallons ; (2) Helsby Hill, capacity not known ; (3) Tank at Haycliffe, 31,590 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Very good—occasional examination. Rather hard and no action on lead.

**Ruskington Urban District Council.**—Supplies Ruskington U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Artesian bore and spring, Ruskington. The average daily quantity of water obtained is 20,000 gallons, and a further 60,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Ruthin Rural District Council.**—Supplies parts of parishes of (1) Aberwheeler Rural, (2) Gyffylliog, (3) Llandyrnog Rural, Llangwyfen, Llangynhafal, and Llanychan (Ruthin R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Tynycelyn, Aberwheeler ; (2) Springs and upland gathering ground, 105 acres, at Foel Ganot Gyffylliog ; (3) Springs and upland gathering ground, Fammau Range. The average daily quantity of water derived from each source is, respectively, (1) 520 gallons ; (2) 968 gallons ; (3) 20,000 gallons. A further 32,000 gallons per day could be obtained from (1), 54,032 gallons from (2), and 46,237 gallons from (3).

*Works.*—Water from sources (2) and (3) is filtered. Service reservoirs:—(1) (a) Waen, 900 gallons, (b) Geinas, 500 gallons ; (2) Gyffylliog, 10,000 gallons ; Nant y Ne, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—(1) 6° ; (2) 7° ; (3) 2·99°. Acts on lead.

**Ryde Town Council.**—Supplies Ryde B. (part) ; St. Helens U.D. (part) ; and part of parish of Ashey (Isle of Wight R.D.) ; and furnishes supplies in bulk to St. Helens U.D.C. and Isle of Wight R.D.C.

*Powers.*—Ryde Improvement Act, 1854 ; Ryde Water Act, 1861 ; Ryde Order, 1876.

*Limits.*—Ryde B. ; St. Helens U.D. (part) ; and parish of Ashey (part) (Isle of Wight R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and headings in Lower Chalk and Upper Greensand, with auxiliary supply from borings in Lower Greensand, Knighton ; (2) Wells in chalk, Ashey. The average daily quantity of water derived from each source is, respectively, (1) 617,000 gallons ; (2) 64,000 gallons.



*Works.*—No filtration. Service reservoirs:—Ashey Down, (a) 500,000 gallons, (b) 600,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 610,000 gallons, and 71,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Frequent chemical and bacteriological examination. Analyst remarks (20th January 1914) that the water is excellent. Hardness:—total, 15·5°; permanent, 3·2°. No action on lead; some iron in water from Lower Greensand.

**Rye Town Council.**—Supplies Rye B. (part); and part of parish of East Guldeford (Rye R.D.); and furnishes a supply in bulk to Rye R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole in Ashdown Sands, Cadborough, Rye; (2) Spring, Military Road, Rye. The average daily quantity of water derived from each source is, respectively, (1) 62,000 gallons; (2) 38,000 gallons. A further 100,000 gallons per day could be obtained from (1) and 3,000 gallons from (2).

*Works.*—No filtration. Storage reservoir:—Military Road, 45,000 gallons. Service reservoir:—Rye Hill, Playden, 160,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 87,000 gallons, and 13,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (5th January 1914) that the water is quite satisfactory. Hardness:—(1) total, 14·4°; permanent, 4·9°; (2) total, 17·3°; permanent, 8·2°. No action on lead.

**Rye Rural District Council.**—Supplies part of parish of Icklesham (Rye R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Winchelsea Well; (2) Newgate Spring. The average daily quantity of water derived from each source is, respectively, (1) 12,500 gallons; (2) 5,000 gallons; and a further 8,500 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Winchelsea, 17,600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analysis (10th February 1910), no comment. Hardness:—total, 11·1°; permanent, 5·1°.

**Saffron Walden Town Council.**—Supplies Saffron Walden B. (part).

*Sources of Supply (Nature and Sufficiency).*—Well, 350 feet, bored in Chalk, Saffron Walden. The average daily quantity of water obtained is 150,000 gallons, and a further 300,000 gallons per day could be obtained.

*Works.*—Water is filtered. Service reservoirs:—Debden Road, 220,000 gallons; tower, 30,000 gallons; Seward's End, 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—annual chemical and bacteriological examination. Hardness:—total, 25·2° (after softening, 11°); permanent, 6·2°. No action on lead.

**Saffron Walden Rural District Council.**—Supplies parts of parishes of Bartlow End, Elmdon, Hempstead, and Widdington (Saffron Walden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs. Yield not known.

*Works.*—No filtration. Reservoirs, Bartlow End, Elmdon (two), and Widdington—capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Fairly satisfactory. Fairly soft, but no lead pipes are used.

**St. Asaph (Denbigh) Rural District Council.**—Supplies part of parish of Llanfair Talhaiarn (St. Asaph (Denbigh) R.D.).

*Source of Supply (Nature and Sufficiency).*—Nant Barrog stream. Yield not known.

*Works.*—Water is filtered. Service reservoir:—Llanfair Talhaiarn, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 2·3°. Tin-lined pipes are used.

**St. Asaph (Flint) Rural District Council.**—Supplies parts of parishes of (1) Cwm, and (2) Tremreirchion (St. Asaph (Flint) R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and wells: (1) Aelwyd Ucha and Church Woods; (2) Mynydd Bychan and Rhualt Woods. Yield not known.



*Works.*—Water from source (2) only is filtered. Service reservoirs:—(1) (a) Aelwyd Ucha, 6,000 gallons, (b) Church Woods, 1,000 gallons; (2) (a) Mynydd Bychan, 3,000 gallons, (b) Rhualt Woods, 400 gallons, (c) 1,175 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional examination. Hardness:—(1) not known; (2) total, 4.6°; permanent, 2.9°. No action on lead.

**St. Austell Urban District Council.**—Supplies St. Austell U.D. (part); and part of parish of St. Austell Rural (St. Austell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from granite:—(1) Carne Stents, St. Austell; (2) Bojea, St. Austell. The average daily quantity of water available from each source is, respectively, (1) 108,000 gallons; (2) 72,000 gallons.

*Works.*—No filtration. Service reservoirs:—Trenance, 1,000,000 gallons; Mennacuddle, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 140,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (12th September 1911) that the water is quite suitable for drinking. Hardness, 2.5°. No action on lead; contains some iron.

**St. Austell Rural District Council.**—Supplies parts of parishes of (1) St. Austell Rural, (2) St. Blazey, Tywardreath, (3) St. Ewe, and (4) St. Mewan (St. Austell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Spring at Stenalees, (b) Well at Penwithick, (c) Spring at Carclaze, (d) Adit at Phernysick, (e) Adit at Trenance; (2) (a) Spring at Starrick Moor, (b) Adit at Carbis Moor, (c) Adit at Prideaux; (3) Adit at St. Ewe; (4) (a) Adit at Polgooth, (b) Spring at Sticker. The average daily quantity of water available from each source is, respectively, (1) (a) 28,800 gallons, (b) 72,000 gallons, (c) 11,520 gallons, (d) 28,800 gallons, (e) 36,000 gallons; (2) (a) 43,200 gallons, (b) 28,800 gallons, (c) 23,040 gallons; (3) 21,600 gallons; (4) (a) 21,600 gallons, (b) 14,400 gallons. Overflow from (2) (a), (b) and (c) is utilised by Fowey T.C.

*Works.*—No filtration. Reservoirs:—(1) Slades, 150,000 gallons, (a) Stenalees, 200,000 gallons, (b) Penwithick, 600,000 gallons, (c) Carclaze, 50,000 gallons, (e) Trenance, 100,000 gallons; (2) St. Blazey and Tywardreath, (a) 200,000 gallons, (b) 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient except (1) (b) and (c).

*Quality of Water.*—Good, and soft. Acts on lead, but lead pipes are not used. The water contains some iron.

**St. Columb Major Rural District Council.**—Supplies part of parish of St. Columb Major (St. Columb Major R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Ruthross. The average daily quantity of water available is 45,360 gallons.

*Works.*—No filtration. Storage reservoir:—Ruthross, 30,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Inadequate in summer.

*Quality of Water.*—Occasional examination. Analyst remarks (12th July 1907) that chemically the water is good. Hardness, 2°. No action on lead.

**St. Dogmells Rural District Council.**—Supplies parts of parishes of (1) Cilgerran, (2) Dinas, (3) Moylgrove, and (4) and (5) St. Dogmells Rural (St. Dogmells R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Rhoshill; (2) Springs from gravel at Jericko; (3) Three springs at Moylgrove; (4) Two springs, near Penrhiw; (5) Spring near Capel Degwel. Yield not known.

*Works.*—No filtration. Storage reservoirs:—(1) Windy Hill, Rhoshill, 139 gallons; (2) Jericko, 217 gallons; (4) Penrhiw, (a) 350 gallons, (b) 3,500 gallons, (c) Degwel Chapel, 50 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. Action on lead not known.

**St. Germans Rural District Council.**—Supplies parts of parishes of (1) Maker, (2) Millbrook, (3) Rame, (4) and (5) St. Germans, and (6) Sheviock (St. Germans R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs and wells in sandstone, Blackendown; (2) Upland surface, 60 acres, Treganhawke; (3) Springs from sandstone, Watergate; Springs and wells in sandstone at (4) Trerieve, (5) Tideford; (6) Springs



from sandstone, Portwickle. The average daily quantity of water available from each source is, respectively, (1) 4,000 gallons; (2) 25,800 gallons; (3) 8,500 gallons; (4) 7,000 gallons; (5) 2,000 gallons; (6) 4,000 gallons.

*Works.*—Filtration at (2) only, 600 gallons per square yard per day. Storage reservoirs:—(2) Treganhawke, 2,000,000 gallons. Service reservoirs:—(1) Blackendown, 17,000 gallons; (3) Watergate, 14,000 gallons; (4) Tretrieve (a) 50,000 gallons, (b) 50,000 gallons; (5) Tideford, 2,500 gallons; (6) Portwickle, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) and (2) Inadequate; (3) to (6) adequate.

*Quality of Water.*—Good. Hardness varies from 7° to 14°. No action on lead.

**St. Helens Town Council.**—Supplies St. Helens C.B. (part); and parts of parishes of Kirkby (Sefton R.D.); Bickerstaffe (West Lancashire R.D.); Bold, Eccleston, Knowsley, Whiston, and Windle (Whiston R.D.); and furnishes supplies in bulk to Rainford U.D.C., West Lancashire R.D.C., and the Earl of Sefton, who supplies part of parish of Simonswood (West Lancashire R.D.).

*Powers.*—St. Helens Waterworks Act, 1843; St. Helens Improvement Act, 1869; St. Helens (Corporation) Water Act, 1882; St. Helens Orders, 1887 and 1894; St. Helens Corporation Acts, 1893, 1898, and 1911.

*Limits.*—St. Helens C.B.; and parishes of Eccleston and Windle (Whiston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep wells in the New Red Sandstone:—(1) Eccleston Hill; (2) Whiston; (3) Knowsley; (4) Kirkby; (5) Melling; (6) Collins Green Colliery (emergency supply.) The average daily quantity of water available from each source is, respectively, (1) 500,000 gallons; (2) 400,000 gallons; (3) 1,000,000 gallons; (4) 1,300,000 gallons; (5) 1,500,000 gallons; and (6) 600,000 gallons.

*Works.*—No filtration. Storage reservoir:—Eccleston, 6,700,000 gallons. Service reservoirs:—Eccleston Hill, 500,000 gallons; Brown Edge, (a) 10,000,000 gallons, (b) 2,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,428,000 gallons, and 50,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks that the water is of a high degree of purity. Hardness:—total, 20·9° (after softening, 10·2°); permanent, 7·1°. No action on lead.

**St. Ives (Cornwall) Town Council.**—Supplies St. Ives B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from granite, Penbeagle; (2) Wheal Mary (disused) mine, Hellesveor Moors; (3) Ayr mine; (4) Upland gathering ground, Bussow Moors. The average daily quantity of water available from each source is, respectively, (1) 1,440 gallons; (2) 48,000 gallons; (3) 4,320 gallons; (4) 403,000 gallons.

*Works.*—Pressure filters. Storage reservoir:—New Bussow, 22,651,000 gallons. Service reservoir:—Penbeagle, 26,000 gallons; Albert Tank, 16,000 gallons; Ayr Tank, 20,000 gallons; Hellesveor, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 264,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (July 1913) that chemically the water is quite suitable for drinking. Hardness, 2·75°. No action on lead.

**St. Just Urban District Council.**—Supplies St. Just U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in granite, Trewellard; (2) Mine adit in granite, Boscawell. The average daily quantity of water available from each source is, respectively, (1) 10,000 gallons, and (2) 30,000 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 13,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**St. Mellons Rural District Council.**—Supplies parts of parishes of (1) Machen Lower, (2) Marshfield, Peterstone Wentloog, and St. Bride's Wentloog (St. Mellons R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from limestone, Lower Machen; (2) Springs from red sandstone, above Castleton. Yield of (1) not known; the average daily quantity of water derived from (2) is 11,000 gallons, and a further 65,000 gallons per day could be obtained.

*Works.*—Water from source (2) is filtered. Reservoirs:—(1) Tank at Lower Machen, capacity not known (2) Castleton, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) 11·5°; (2) 9°. No action on lead.



**St. Neots Urban District Council.**—Supplies St. Neots U.D. (part); and part of parish of Eynesbury Hardwicke (St. Neots R.D.); and furnishes a supply in bulk to Eaton Socon R.D.C.

*Powers.*—St. Neots Urban District Council Act, 1907.

*Limits.*—St. Neots U.D.; parishes of Eynesbury Hardwicke and St. Neots Rural (St. Neots R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in gravel, Eynesbury Hardwicke. The average daily quantity of water obtained is 89,000 gallons, and a further 136,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Eynesbury Hardwicke, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 88,000 gallons and 1,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks that the water is pure. Hardness, 18°. No action on lead.

**St. Neots Rural District Council.**—Supplies part of parish of Great Paxton (St. Neots R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in gravel overlying Oxford Clay, Great Paxton. The average daily quantity of water obtained is 5,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Paxton Hill, 26,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good. Hardness about 19°. No action on lead.

**St. Thomas Rural District Council.**—Supplies parts of parishes of (1) Kenton and (2) Otterton (St. Thomas R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs: (1) Vennbridge, Starcross; (2) Sidmouth Hill. The average daily quantity of water derived from each source is, respectively, (1) 75,000 gallons and (2) 12,500 gallons. A further 20,000 gallons per day could be obtained from (1) and 1,500 gallons from (2).

*Works.*—Water from source (2) is filtered. Reservoirs:—(1) Staplake Farm, 20,000 gallons; (2) Old Brickfield, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, and soft. No action on lead.

**Salcombe Urban District Council.**—Supplies Salcombe U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) North Sands Valley; (2) Higher Park; (3) Lower Park; (4) Buddle; (5) Allenhays. The average daily quantity of water derived from each source is, respectively, (1) 31,200 gallons, (2) 10,800 gallons, (3) 2,880 gallons, (4) 10,800 gallons, (5) 2,880 gallons; and a further 15,600 gallons per day could be obtained from (1).

*Works.*—No filtration. Storage reservoir:—Hanger, 38,500 gallons. Service reservoirs:—Salcombe Hill, 83,475 gallons; Allenhays, 6,450 gallons; Higher Park, 18,000 gallons; Lower Park, 4,500 gallons; Buddle, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 58,560 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 15°. No action on lead.

**Salford Town Council.**—Supplies Salford C.B. (part).

*Powers.*—Salford Improvement Acts, 1862 and 1867; Salford Corporation Act, 1901.

*Limits.*—Salford C.B. (part).

*Sources of Supply (Nature and Sufficiency).*—Supply in bulk from Manchester T.C. The average daily quantity of water obtained is 3,450,000 gallons.

*Quality of Water.*—See Manchester T.C., page 89.

**Salisbury Town Council.**—Supplies Salisbury B. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells in Salisbury. The average daily quantity of water obtained is 830,000 gallons.

*Works.*—No filtration. Service reservoir:—Salisbury, (a) 294,950 gallons, (b) 47,110 gallons, (c) 19,919 gallons, (d) 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 830,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (16th October 1913) that the water is very satisfactory. Hardness, 18°. No action on lead.

**Saltash Town Council.**—Supplies Saltash B. (part); and furnishes a supply in bulk to St. Germans R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from slate in disused mine adit, South Pill; (2) Supply in bulk from Plymouth T.C. (see page 111). The average daily



quantity of water derived from each source is, respectively, (1) 25,000 gallons, (2) 80,000 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate; the daily average in bulk is 11,578 gallons.

*Quality of Water.*—Occasional examination. Analyst remarks (31st December 1913) that chemically no exception can be taken to the water. Hardness :—total, 14·5°; permanent, 7·5°. No action on lead.

**Sandbach Urban District Council.**—Supplies Sandbach U.D. (part), and furnishes a supply in bulk to Congleton R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Borings, 70 feet in sandstone, at Arcid. The average daily quantity of water obtained is 140,000 gallons, but the yield is unlimited.

*Works.*—No filtration. Storage reservoir :—Sandbach, 194,000 gallons. Service reservoir :—Tower at Sandbach, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 101,000 gallons, and 39,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness (after softening), 8°. No action on lead; contains some iron.

**Sandgate Urban District Council.**—Supplies Sandgate U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs from Sandgate Beds :—(1) (a) Upper Honywood, Seabrook, (b) Lower Honywood, Seabrook; (2) Supply in bulk from Folkestone Waterworks Company (see page 192).<sup>\*</sup> The average daily quantity of water available from (1) is 74,000 gallons, and (2) 10,600 gallons.

*Works.*—No filtration. Reservoirs :—(a) Upper Honywood, 26,252 gallons; (b) Lower Honywood, 150,000 gallons; (c) Sandgate high level, 200,000 gallons [(b) and (c) in course of construction]. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 63,970 gallons. Supply is intermittent.

*Quality of Water.*—Annual chemical examination. Analyst remarks (10th August 1912) that the water is satisfactory. Hardness :—(1) (a) total, 22·4°; permanent, 4·8°; (b) total, 22·5°; permanent, 5·9°. No action on lead.

**Sandwich Town Council.**—Supplies Sandwich B.; and furnishes supplies in bulk to Eastry R.D.C. and Messrs. Pearson, who supply part of parish of Stonar (Isle of Thanet R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk in Woodnesborough. The average daily quantity of water obtained is 230,000 gallons, and a further 118,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir :—Woodnesborough, (a) 60,000 gallons, (b) 140,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate; the daily average in bulk is not known.

*Quality of Water.*—Occasional examination. Analyst remarks (6th August 1912) that the water is satisfactory. Hardness :—total, 22·4°; permanent, 3·6°. No action on lead.

**Scalby Urban District Council.**—Supplies Scalby U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Keld Runnels, Scalby. The average daily quantity of water available is 35,000 gallons.

*Works.*—No filtration. Storage reservoir :—Keld Runnels, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 24,500 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 15°. No action on lead.

**Scarborough Town Council.**—Supplies Scarborough B. (part); and parts of parishes of Cayton, Irton, and Seamer (Scarborough R.D.).

*Powers.*—Scarborough Water Act, 1845; Scarborough Waterworks Amendment Acts, 1856 and 1863; Scarborough Corporation Water Act, 1878; Scarborough Improvement Act, 1889.

*Limits.*—Scarborough B.; and parishes of Cayton, Irton, and Seamer (Scarborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Corallian at Irton; (2) Well in Corallian at Osgodby; (3) Spring from Oolite at Cayton Bay. The average daily quantity of water available from each source is, respectively, (1) 1,345,000 gallons, (2) 644,000 gallons, and (3) 677,000 gallons.

\* Sandgate U.D.C.—New works are in progress, which will obviate the need of this supply.



*Works.*—No filtration. Service reservoirs:—Osgodby, 4,000,000 gallons; Olivers Mount, Lower, 1,500,000 gallons, Upper, 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,375,000 gallons. Supply is constant.

*Quality of Water.*—Pure—occasional chemical and bacteriological examination. Hardness:—(1) 11·27°; (2) 13·44°; (3) 13·51°. No action on lead.

**Scarborough Rural District Council.**—Supplies parts of parishes of (1) Brompton, (2) East Ayton, and West Ayton (Scarborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface and spring from limestone at Brompton; (2) Spring at Ayton Forge. Yield of (1) not known; the average daily quantity of water available from (2) is 20,000 gallons.

*Works.*—No filtration. Reservoirs:—(1) Cockmoor Cottage, capacity not known; (2) East Ayton, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and fairly hard. Action on lead not known.

**Sculcoates Rural District Council.**—Supplies parts of parishes of (1) North Ferriby, (2) Swanland and (3) Welton (Sculcoates R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk; (1) at North Ferriby, (2) at Swanland; (3) Springs from Chalk at Welton. The average daily quantity of water derived from each source is, respectively, (1) 14,000 gallons; (2) 6,000 gallons; (3) 7,500 gallons. A further 10,000 gallons per day could be obtained from (2) and an unlimited quantity from (3).

*Works.*—No filtration. Service reservoirs:—(1) Tower at North Ferriby, 28,000 gallons; (2) Tower at Swanland, 6,250 gallons; (3) Tank at Daleside, 400 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 18°. No action on lead.

**Scunthorpe Urban District Council.**—Supplies Scunthorpe U.D. (part); Roxby cum Risby U.D. (part); and furnishes supplies in bulk to Winterton U.D.C. and Glanford Brigg R.D.C.

*Powers.*—Scunthorpe Urban District Gas and Water Act, 1899; Scunthorpe Urban District Water Acts, 1903 and 1912.

*Limits.*—Scunthorpe U.D.; Roxby cum Risby U.D.

*Sources of Supply (Nature and Sufficiency).*—Upland gathering ground over limestone, 1,200 acres, Risby Warren. The average daily quantity of water obtained is 125,149 gallons, and a further 225,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Scunthorpe, 750,000 gallons; Roxby cum Risby, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 95,884 gallons, and 29,265 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (30th April 1912) that the water is satisfactory. Hardness:—total, 22·5°; permanent, 7°. No action on lead.

**Sedbergh Rural District Council.**—Supplies parts of parishes of (1) Dent and (2) Sedbergh (Sedbergh R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Stream near Dent; (2) Springs and streams, Sedbergh Hill. Yield not known.

*Works.*—Water from source (2) is filtered. Storage reservoir:—(2) Winder Hill, 3,000,000 gallons. Service reservoirs:—(1) Dent, 500 gallons; (2) Sedbergh Hill, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 2·5°. Liable to act on lead.

**Seisdon Rural District Council.**—Supplies part of parish of Kinver (Seisdon R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in red sandstone at Kinver Mill. The average daily quantity of water obtained is 21,911 gallons, and a further 98,496 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Gravel Hill, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (19th March 1910) that the water is splendid. Hardness:—total, 4·0°; permanent, 3·0°. No action on lead.



**Selby Urban District Council.**—Supplies Selby U.D. (part); and furnishes a supply in bulk to Selby R.D.C.

*Powers.*—Selby Urban District Council Act, 1904.

*Limits.*—Selby U.D.

*Sources of Supply (Nature and Sufficiency).*—Boreholes in new red sandstone, Brayton Barff, Brayton. The average daily quantity of water obtained is 300,000 gallons, and a further 564,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Brayton Barff, 800,000 gallons. Service reservoir:—Tank at Selby, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 290,000 gallons, and 10,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Satisfactory—occasional chemical examination. Hardness, 13°. No action on lead.

**Settle Rural District Council.**—Supplies parts of parishes of (1) Airtion, Hellifield, Otterburn, Scosthrop; (2) Austwick; (3) Benthams; (4) and (5) Clapham cum Newby; (6) Giggleswick, Settle; (7) Horton in Ribblesdale; (8) Ingleton; (9) Langcliffe; and (10) Thornton in Lonsdale (Settle R.D.); and furnishes from source (1) a supply in bulk to J. W. Morkill, Esq., for part of parish of Calton (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring on Airtion Green; (2) Spring from carboniferous limestone, Norber; (3) "Bright Syke Spring" from grit on Burnmoor; (4) Spring from limestone at Newby Cote; (5) "Bullock's Well" spring from Millstone Grit on Clapham Common; (6) Springs from limestone at Settle; (7) Spring from limestone at Brackenbottom; (8) Springs from limestone at Swabeck; (9) Spring from limestone at Langcliffe; (10) Spring from limestone at Great Scar. The average daily quantity of water available from each source is, respectively, (1) 29,963 gallons, (2) 29,963 gallons, (3) 97,631 gallons, (4) 6,630 gallons, (5) 51,388 gallons, (6) 70,000 gallons, (7) 45,864 gallons, (8) 74,000 gallons, (9) 2,000 gallons, and (10) 11,482 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Airtion Green, 42,000 gallons; (6) Settle, 3,000,000 gallons. Service reservoirs:—(1) (a) Hellifield Moor, 50,000 gallons, (b) Airtion Green, 30,000 gallons; (2) Norber, 20,000 gallons; (3) (a) Gill Beck, 63,863 gallons, (b) Mill Dam, 90,000 gallons; (4) Newby Cote, 4,500 gallons; (5) Wood Gill, 15,000 gallons; (6) Settle, 120,000 gallons; (7) Brackenbottom, 8,000 gallons; (8) Swabeck, 100,000 gallons; (9) Langcliffe, 22,500 gallons (under construction); (10) West Gate Farm, 10,600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient, except (9), which is inadequate.

*Quality of Water.*—Good. Hardness:—(1) 11·7°; (2) 11·0°; (3) 4·0°; (4) 10·8°; (5) 7·0°; (6) 9·8°; (7) 12·0°; (8) 7·2°; (9) not known; (10) 19·0°. No action on lead.

**Sevenoaks Rural District Council.**—Supplies parts of parishes of (1) Chiddingstone, Leigh, Penshurst; (2) Dunton Green, Otford (Sevenoaks R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Tunbridge Wells Sand, Tubs Hole, Penshurst; (2) Springs from Lower Greensand, Dunton Green. The average daily quantity of water derived from each source is, respectively, (1) 11,000 gallons and (2) 30,000 gallons. A further 11,000 gallons per day could be obtained from (1) and 6,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—(1) Smart's Hill, Penshurst, 20,000 gallons; (2) Polhill, Dunton Green, (a) 60,000 gallons, (b) 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent—occasional examination. Hardness:—(1) total, 6·3°; permanent, 5·3°; (2) total, 12·1°; permanent, 3·5°. No action on lead; water from (2) contains some iron.

**Shanklin Urban District Council.**—Supplies Shanklin U.D. (part), and part of parish of Gatchcombe (Isle of Wight R.D.); and furnishes a supply in bulk to the Isle of Wight R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs intercepted underground from Upper Greensand:—(1) Greatwoods, Shanklin; (2) Crossmeadow, Wroxall; (3) Chillerton. The average daily quantity of water available from (1) and (2) is 100,000 gallons, and from (3) 478,000 gallons.

\* Settle R.D.C.—An additional supply is being provided for Langcliffe from Cawside Spring, which yields 10,600 gallons per day.



**Works.**—No filtration. Reservoirs:—Greatwoods, (a) 600,000 gallons, (b) 100,000 gallons, (c) 200,000 gallons, (d) 400,000 gallons; Chillerton, 150,000 gallons. Pressure is sufficient.

**Quantity of Water supplied.**—The daily average is 165,000 gallons, and 5,000 gallons in bulk. Supply is constant.

**Quality of Water.**—Periodical chemical and bacteriological examination. Analyst remarks (18th June 1908) that the water is palatable. Hardness:—total, 16°; permanent, 4°. No action on lead.

**Shap Urban District Council.**—Supplies Shap U.D. (part).

**Sources of Supply (Nature and Sufficiency).**—(1) Spring from freestone, Quern; (2) Spring from limestone, Kirkbank. The average daily quantity of water available from each source is, respectively, (1) 120,000 gallons, (2) 18,000 gallons.

**Works.**—No filtration. Reservoirs:—Quern, 4,000 gallons; Kirkbank, 14,000 gallons. Pressure is sufficient.

**Quantity of Water supplied.**—The daily average is 6,680 gallons. Supply is constant.

**Quality of Water.**—Very good. Hardness:—(1) total, 12·0°; permanent, 4·0°; (2) total, 16·0°; permanent, 4·0°. No action on lead.

**Sheerness Urban District Council.**—Supplies Sheerness U.D.

**Sources of Supply (Nature and Sufficiency).**—Well and boreholes, 802 feet, in Woolwich and Thanet Beds, and Chalk, Trinity Road. The average daily quantity of water obtained is 290,000 gallons.

**Works.**—No filtration. Reservoir:—Trinity Road, 114,000 gallons. Pressure is sufficient.

**Quantity of Water supplied.**—The daily average is 290,000 gallons. Supply is intermittent.

**Quality of Water.**—Occasional chemical examination. Analyst remarks (8th June 1912) that as the water contains a considerable amount of suspended matter another examination at a later date would be advisable. Hardness:—total, 8·75°; permanent, nil. No action on lead.

**Sheffield Town Council.**—Supplies Sheffield C.B. (part); Handsworth U.D. (part); Stocksbridge U.D. (part); and parts of parishes of Beauchief, Dore, Norton, Totley (Norton (Derbys.) R.D.); Bradfield and Ecclesfield (Wortley R.D.); and furnishes supplies in bulk to Doncaster T.C. (see page 46), Rotherham T.C. (see page 119), Kiveton Park R.D.C., Rotherham R.D.C., Wortley R.D.C., Dearne Valley Water Company (see page 186), and Earl Fitzwilliam, who supplies part of Hoyland Nether U.D. and parts of parishes of Brampton Bierlow and Wentworth (Rotherham R.D.) and Tankersley (Wortley R.D.).

**Powers.**—Sheffield Waterworks Acts, 1853, 1860, 1864, 1866 (New Works), 1867, 1873, and 1881; Sheffield Waterworks (Amendment) Act, 1867; Sheffield Corporation Water Acts, 1887, 1893, and 1896; Sheffield Corporation Acts, 1900, 1901, 1903, 1907, and 1912; Sheffield Order (No. 3), 1910.

**Limits.**—Sheffield C.B.; Handsworth U.D.; Stocksbridge U.D.; parishes of Beauchief, Dore, Norton, Totley (Norton R.D.); Brinsworth (part) (Rotherham R.D.); Bradfield and Ecclesfield (Wortley R.D.).

**Sources of Supply (Nature and Sufficiency).**—Moorland gathering grounds, on Pennine Range, viz.:—(1) Rivelin Valley, 4,978 acres; (2) Loxley Valley, 10,725 acres; (3) Little Don Valley, 8,204 acres; (4) Supply in bulk from Derwent Valley Water Board (see page 169). The minimum daily quantity of water available from each source is, respectively, (1) 2,344,987 gallons, (2) 6,120,186 gallons, (3) 6,418,436 gallons, (4) 3,687,500 gallons.

**Works.**—Filtration, (3) 500 gallons per square yard per day; (1) and (2) mechanical filters. Storage reservoirs:—Redmires, Upper, 343,000,000 gallons; Middle, 187,500,000 gallons; Lower, 139,500,000 gallons; Rivelin, Upper, 48,500,000 gallons; Lower, 175,000,000 gallons; Depositing Pond, 8,000,000 gallons; Loxley, Strines, 513,000,000 gallons; Dale Dike, 486,000,000 gallons; Agden, 629,000,000 gallons; Damflask, 1,158,000,000 gallons; Little Don, Langsett, 1,408,000,000 gallons; Underbank, 650,000,000 gallons. Service reservoirs:—Ringinglow, (a) 300,000 gallons, (b) 500,000 gallons; Carsick, (a) 20,000 gallons, (b) 300,000 gallons; Lydgate, 500,000 gallons; Hadfield, 21,000,000 gallons; Ralphs Dam, 4,000,000 gallons; Misfortune, 4,000,000 gallons; Godfrey, 15,800,000 gallons; New Dam, 10,500,000 gallons; Old Great Dam, 21,000,000 gallons; Moonshine, 5,000,000 gallons; Ecclesfield, 75,000 gallons. Pressure is sufficient.

**Quantity of Water supplied.**—The daily average is 12,661,091 gallons and 3,136,784 gallons in bulk. Supply is constant.

**Quality of Water.**—Occasional chemical and bacteriological examination. Analysis (18th December 1913), no comment. Hardness:—(1) 1·8°; (2) 1·6°; (3) 1·7°. Acts on lead and is treated with chalk.



**Shepton Mallet Rural District Council.**—Supplies parts of parishes of (1) Ashwick, (2) Batcombe, (3) Croscombe, (4) Ditchat, East Pennard, Milton Clevedon, (5) Doulting, (6) East Pennard, West Bradley, (7) Evercreech, (8) Holcombe, Stoke Lane, (9) Lamyatt, (10) Pilton, (11) Upton Noble, and (12) West Cranmore (Shepton Mallet R.D.); and furnishes supplies in bulk to Wells R.D.C. and the Trustees of the Thring Estate for the parish of Hornblotton (Shepton Mallet R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) on Mendip Hills; (2) at Westcombe; (3) at Croscombe; (4) at Creech Hill; (5) at Long Cross, Doulting; (6) at Pennard Hill; (7) at Farncombe Doulting and Chesterblade; (8) at Three Ashes, Doulting; (9) near Lamyatt; (10) in Pilton; (11) in Upton Noble; (12) near Dean. The average daily quantity of water derived from each source is, respectively, (1) 3,000 gallons, (2) 3,000 gallons, (3) 1,500 gallons, (4) 23,000 gallons, (5) 10,000 gallons, (6) 7,000 gallons, (7) 18,000 gallons, (8) 20,000 gallons, (9) 2,000 gallons, (10) 8,000 gallons, (11) 2,000 gallons, (12) 2,000 gallons. A further 2,000 gallons per day could be obtained from (1), 10,000 gallons from (2), 500 gallons from (3), 5,000 gallons from (4), 40,000 gallons from (5), 9,000 gallons from (6), 12,000 gallons from (7), 20,000 gallons from (8), 2,000 gallons from (9), 8,000 gallons from (10), 2,000 gallons from (11), and 4,000 gallons from (12).

*Works.*—No filtration. Reservoirs:—(1) Ashwick, 10,000 gallons; (4) Ditchat, 100,000 gallons; Milton Clevedon, 10,000 gallons; (7) Evercreech, (a) 10,800 gallons, (b) 30,000 gallons; Chesterblade, (a) 7,500 gallons, (b) 20,000 gallons; (8) Stoke Lane, (a) 20,000 gallons, (b) 5,300 gallons, (c) 5,300 gallons; and seven reservoirs, capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Plentiful; the daily average in bulk is 13,200 gallons.

*Quality of Water.*—Good. Hardness, 20°. No action on lead.

**Sherborne Urban District Council.**—Supplies Sherborne U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Well in Midford Sands, Castleton. The average daily quantity of water obtained is 210,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Bristol Road, (a) 238,000 gallons, (b) 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 210,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (10th November 1913) that the water is of great organic and bacterial purity. Hardness, 17·4°. No action on lead; contains some iron.

**Sherburn Rural District Council.**—Supplies part of parish of Folkton (Sherburn R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk on the Yorkshire wolds, Flixton. The average daily quantity of water obtained is 5,000 gallons.

*Works.*—No filtration. Reservoir at Flixton, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Excellent, and fairly hard. Action on lead not known.

**Shipley Urban District Council.**—Supplies Shipley U.D. (part).

*Powers.*—Shipley Waterworks and Police Act, 1854; Shipley Orders, 1860, 1865, and 1873; Shipley Local Government Act, 1874; Shipley Improvement Act, 1901; Shipley Urban District Council Acts, 1904 and 1912.

*Limits.*—Shipley U.D.

*Sources of Supply (Nature and Sufficiency).*—Upland gathering ground, 1,200 acres, Rombalds Moor:—(1) Surface water; (2) Underground drifts (18 feet) in yellow sandstone. The average daily quantity of water available from each source is, respectively, (1) 850,000 gallons, (2) 400,000 gallons.

*Works.*—Water from source (1) is filtered. Storage reservoir:—Graincliffe, 95,530,000 gallons. Service reservoirs:—Upper Bank Top, Baildon, 4,517,625 gallons; Lower Bank Top, Baildon, 10,198,173 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 801,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analysis (15th December 1913) no comment. Hardness, 4·1°; permanent, 3·4°. Water from (1) acts on lead and is treated with chalk and carbonate of soda.

**Shipston on Stour Rural District Council.**—Supplies part of parish of Blockley (Shipston on Stour R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from gravel at Paxford. Yield not known.

*Works.*—No filtration. Reservoir:—Paxford, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, and fairly hard. No action on lead.



**Shoeburyness Urban District Council.**—Supplies Shoeburyness U.D. and Southend on Sea B. (part).

*Source of Supply (Nature and Sufficiency).*—Well, with boring, 475 feet, into Thanet Sand, Waterworks Road, South Shoebury. The average daily quantity of water obtained is 79,000 gallons, and a further 90,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—South Shoebury, 25,290 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 79,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 7°. No action on lead.

**Shrewsbury Town Council.**—Supplies Shrewsbury B.

*Powers.*—Shrewsbury Waterworks Act, 1856; Shrewsbury Order, 1896.

*Limits.*—Shrewsbury B.

*Sources of Supply (Nature and Sufficiency).*—(1) Well near Shrewsbury; (2) River Severn, intakes in Shrewsbury.\* The average daily quantity of water derived from each source is, respectively, (1) 25,000 gallons and (2) 1,200,000 gallons. A further 90,000 gallons per day could be obtained from (1) and 3,000,000 gallons from (2).

*Works.*—Pressure filters at (2) only. Reservoirs:—towers, (a) 30,000 gallons. (b) 239,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,225,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. (1) Of high organic and bacterial purity; (2) Not potable. Hardness:—(1) total, 23·5°; permanent, 6°; (2) total, 2·8°; permanent, 2·8°. No action on lead.

**Silsden Urban District Council.**—Supplies Silsden U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Bradford's T.C.'s compensation reservoir at Silsden; (2) Two streams near Silsden; (3) Occasional supply in bulk from Bradford T.C. (see page 22). The average daily quantity of water obtained from each source is not known.

*Works.*—Part of the water is filtered. Storage reservoirs:—Silsden (two) and Barden, capacities not known. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 190,000 gallons. Supply is constant.

*Quality of Water.*—Good, and fairly hard. No action on lead.

**Sittingbourne Urban District Council.**—Supplies Sittingbourne U.D. (part); and furnishes a supply in bulk to Milton R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two wells and boring (420 feet) in Chalk, Keycol Hill, Bobbing. The average daily quantity of water obtained is 200,000 gallons, and a further 250,000 per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Keycol Hill, (a) 300,000 gallons, (b) 147,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 153,000 gallons, and 47,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (23rd December 1913) that the water is very satisfactory. Hardness:—total, 20·4°; permanent, 2·3°. No action on lead.

**Skegby Rural District Council.**—Supplies part of parish of Blidworth (Skegby R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Bunter, Blidworth. The average daily quantity of water obtained is 10,620 gallons, but the yield is unlimited.

*Works.*—No filtration. Reservoir:—Rickett Lane, 75,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Frequent chemical examination. Analyst remarks (2nd November 1911) that the water is satisfactory. Hardness:—total 9°; permanent, 8°. No action on lead.

**Skegness Urban District Council.**—Supplies Skegness U.D. (part); and parts of parishes of Burgh le Marsh, Welton le Marsh, and Winthorpe (Spilsby R.D.).

*Powers.*—Skegness Water Act, 1905; Skegness Urban District Council Act, 1908.

*Limits.*—Skegness U.D.; parishes of Croft (part), and Winthorpe (Spilsby R.D.).

\* Shrewsbury T.C.—Potable water is supplied from source (1) by means of stand-pipes in the streets; water from River Severn is piped to houses, and although it is filtered and treated with chlorine to safeguard possible consumers it is not intended for drinking.



*Sources of Supply (Nature and Sufficiency).*—Two boreholes in Spilsby Sandstone, Welton in the Marsh with Boothby. The average daily quantity of water obtained is 145,049 gallons, and a further 166,951 gallons per day could be obtained.

*Works.*—Pressure filters. Service reservoir:—Welton in the Marsh, 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 145,049 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (3rd September 1913) that the water is quite suitable for drinking. Hardness:—total, 3.7°. No action on lead.

**Skipton Urban District Council.**—Supplies Skipton U.D. (part), and furnishes an occasional supply in bulk to Carleton Waterworks Co., Ltd. (see page 232).

*Powers.*—Skipton Waterworks Act, 1870; Skipton Local Board of Health Act, 1874; Skipton Water and Improvement Act, 1904; Skipton Orders, 1883, 1895, and 1911.

*Limits.*—Skipton U.D.

*Sources of Supply (Nature and Sufficiency).*—Moorland streams and springs from Millstone Grit, Embsay Moor. The average daily quantity of water available is 700,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Embsay Moor, 175,426,500 gallons; Rombalds Moor, 40,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 480,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (31st March 1911) that the water is organically pure. Hardness, 2.6°. No action on lead; contains traces of iron.

**Skipton Rural District Council.**—Supplies parishes of (1) Appletreewick (part), (2) Conistone with Kilnsey (part), (3) Embsay with Eastby (part), (4) (5) Gargrave (part), (6) Hebden (part), (7) Hetton, and (8) Kettlewell with Starborton (part) (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (3) Springs from sandstone; (2) and (8) Springs from limestone; (4) and (6) Springs from sandstone; (5) Springs from gravel; (7) Spring from Millstone Grit at Rylstone. The average daily quantity of water available from each source is, respectively, (1) 3,000 gallons; (2) 75,000 gallons; (3) 4,000 gallons; (4) 6,480 gallons; (5) 145,000 gallons; (6) 8,190 gallons; (7) not known; (8) (a) 5,094 gallons; (b) 4,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Appletreewick, 3,750 gallons; (2) Conistone, 3,750 gallons; (3) Embsay with Eastby, 1,350 gallons; (4) Gargrave, 39,000 gallons; (6) Hebden, 1,800 gallons; (7) tanks at Rylstone, 380 gallons; (8) (a) Kettlewell, 13,750 gallons. (b) Starborton, 400 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory—occasional chemical examination. Hardness:—(1) 2°; (2) 12°; (3) 7.5°; (4) 2.5°; (5) 20°; (6) 5.4°; (7) not known; (8) (a) 9.2°, (b) 16°. No action on lead.

**Sleaford Rural District Council.**—Supplies parishes of (1) Anwick (part), (2) Eveden (part), (3) Ewerby (part), (4) Haverholme Priory (part), (5) Billingham (part), Martin (part), North Kyme (part), South Kyme (part), Thorpe Tilney (part), Timberland (part), Walcot near Billingham (part), (6) Digby (part), (7) Dorrington (part), (8) Great Hale (part), (9) Heckington (part), (10) Leasingham (part), (11) Osbournby (part), (12) Scredington (part), (13) Swaton (part), (14) Wellingore (part), (15) Wilsford (part), (16) Leadenham (part), (17) North Rauceby (part), South Rauceby (part), (18) Kirkby Green, Scopwick, (19) Burton Pedwardine (Sleaford R.D.); and (15) Ancaster (Grantham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) to (4) River Slea; (5) Three borings; (6) to (14), (18) and (19) Borings; (15) (a) Boring, (b) Holywell spring from limestone; (16) and (17) Springs from Oolite. The average daily quantity of water derived from each source is, respectively, (1) 2,000 gallons; (2) 2,000 gallons; (3) 2,000 gallons; (4) 1,000 gallons; (5) 26,500 gallons; (6) 3,000 gallons; (7) 2,500 gallons; (8) 6,000 gallons; (9) 12,000 gallons; (10) 4,500 gallons; (11) 1,000 gallons; (12) 400 gallons; (13) 2,500 gallons; (14) 6,000 gallons; (15) (a) 2,000 gallons, (b) 1,800 gallons; (16) 3,000 gallons; (17) 2,000 gallons; (18) 150,000 gallons; (19) 62,000 gallons. A further 2,000 gallons per day could be obtained from (1); 12,000 gallons from (2); 2,000 gallons from (3); 1,000 gallons from (4); 85,500 gallons from (5); 43,000 gallons from (6); 750,000 gallons from (7); 43,000 gallons from (8); 107,000 gallons from (9); 61,500 gallons from (10); 600 gallons from (11); 72,500 gallons from (13); 14,000 gallons from (14); 7,000 gallons from (15) (a); and 1,200 gallons from (15) (b); 9,000 gallons from (16); and 2,500 gallons from (17).



*Works.*—Water from (1)–(4) only is filtered. Reservoirs:—(1) Anwick, 3,500 gallons; (2) Evedon, 1,200 gallons; (3) Ewerby, 3,500 gallons; (4) Haverholme, 2,000 gallons; (5) Billingham, 67,500 gallons; (7) Dorrington, 12,000 gallons; (8) Great Hale, 12,500 gallons; (9) Heckington, 30,000 gallons; (10) Leasingham, 22,000 gallons; (12) Scredington, 2,500 gallons; (13) Swaton, 1,000 gallons; (15) Wilsford, 40,000 gallons; (16) Leadenham, 6,500 gallons; (17) Rauceby, 2,500 gallons. Pressure is sufficient except (11) and (12).

*Quantity of Water supplied.*—Adequate, except (12).

*Quality of Water.*—Good, except (12). Hardness, about 23°. No action on lead; contains iron in some cases.

**Slough Urban District Council.**—Supplies Slough U.D. (part); and parts of parishes of Datchet, Farnham Royal, Horton, Langley Marish, Stoke Poges, Wexham (Eton R.D.), and Stanwell (Staines R.D.).

*Powers.*—Slough Waterworks Acts, 1875 and 1910; Slough Water Orders, 1901 and 1906; South West Suburban Water Act, 1908; Slough Urban District Council Water Act, 1911.

*Limits.*—Slough U.D.; and parishes of Burnham (part), Datchet, Farnham Royal (part), Fulmer (part), Horton (part), Langley Marish, Stoke Poges, Wexham (Eton R.D.), and Stanwell (part) (Staines R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and boreholes in Chalk, near "Black Potts" Bridge, Datchet. The average daily quantity of water obtained is 750,000 gallons, and a further 1,500,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir, Stoke Green, 1,250,000 gallons. Service reservoir, Stoke Common, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 750,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (3rd February 1912) that, chemically, the water is good. Hardness:—total, 15·17°; permanent, 3·8°. No action on lead.

**Southam Rural District Council.**—Supplies parts of parishes of Gaydon, Lower Shuckburgh, and Napton on the Hill (Southam R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but hard—occasional chemical examination. Action on lead not known.

**Southampton Town Council.**—Supplies Southampton C.B. (part).

*Powers.*—Southampton Waterworks Act, 1836; Southampton Waterworks Amendment Act, 1850; Southampton Corporation Act, 1885; Southampton Orders, 1891, 1894, 1897, 1899, and 1902.

*Limits.*—Southampton C.B. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells (100 feet) with adits, in Upper Chalk at Otterbourne. The average daily quantity of water obtained is 3,650,000 gallons.

*Works.*—Mechanical cloth filters. Service reservoirs:—Otterbourne, 1,000,000 gallons; Southampton Bassett, 4,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,350,000 gallons in winter and 3,650,000 gallons in summer. Supply is constant.

*Quality of Water.*—Weekly chemical examination. Analyst remarks (30th December 1913) that the water is good. Hardness:—total, 16·5°; permanent, 6·0° (after softening, total 7°, permanent, 3°). No action on lead.

**Southborough Urban District Council.**—Supplies Southborough U.D. (part), and furnishes a supply in bulk to Tonbridge R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from sandstone, Bentham Hill Park; (2) Well, 150 feet, in Ashdown Beds, Upper Haysden, Tonbridge. The average daily quantity of water available from each source is, respectively, (1) 35,000 gallons; (2) 90,000 gallons.

*Works.*—Filtration at (2) only, 147 gallons per square yard per day. Reservoir:—London Road, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 86,473 gallons, and 5,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (12th November 1913) that the water is quite satisfactory. Hardness:—total, 5·4°; permanent, 2·4°. No action on lead; contains some iron.



**South Darley Urban District Council.**—Supplies South Darley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from Millstone Grit, Stanton Moor, Bakewell. The average daily quantity of water available is 12,000 gallons.

*Works.*—No filtration. Service reservoir:—Wensley, 97,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 8,750 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness,  $2\cdot1^{\circ}$ . Acts slightly on lead, but tin-lined pipes are used.

**South Molton Town Council.**—Supplies South Molton B.

*Sources of Supply (Nature and Sufficiency).*—Gathering ground, 400 acres, and springs on Exmoor, North Molton Common. The average daily quantity of water available is 500,000 gallons.

*Works.*—Pressure filters. Storage reservoir:—North Molton, 7,000,000 gallons. Service reservoir:—South Molton, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 90,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks that chemically (November 1906) and bacteriologically (23rd February 1910) the water is not entirely satisfactory. Hardness:—total,  $4\cdot0^{\circ}$ ; permanent,  $3\cdot0^{\circ}$ . Acts slightly on lead, but iron pipes are used.

**South Molton Rural District Council.**—Supplies parts of parishes of (1) Chulmleigh, (2) North Molton, and (3) Witheridge (South Molton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) At Chulmleigh; (2) at North Molton; (3) at Witheridge. The average daily quantity of water derived from each source is, respectively, (1) 10,000 gallons; (2) 1,200 gallons; and (3) 3,500 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Chulmleigh, 34,126 gallons; (2) North Molton, 2,250 gallons; (3) Witheridge, 12,887 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good—occasional examination. Hardness:—(1) total,  $6\cdot5^{\circ}$ ; permanent,  $5\cdot4^{\circ}$ ; (2) and (3) not known. Action on lead not known; contains some iron.

**South Westmorland Rural District Council.**—Supplies parts of parishes of (1) Arncliffe, Beetham, Farleton, Haverbrack, Heversham, Holme, Hutton Roof, Levens, Lupton, Mealthorpe, and Ulpha, Milnthorpe, Preston Patrick, Preston Richard; (2) Barbon; (3) Levens; and (4) Natland (South Westmorland R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 500 acres, in Lupton; (2) Upland surface and springs from Silurian formation; (3) Upland surface and springs from Carboniferous Limestone; (4) Springs from Silurian formation. The average daily quantity of water available from each source is, respectively, (1) 80,000 gallons; (2) 30,000 gallons; (3) 5,000 gallons; (4) 5,000 gallons.

*Works.*—No filtration. Reservoirs:—(1) Lupton, 7,000,000 gallons; (2) Barbon, 10,000 gallons; (3) Levens, 30,000 gallons; (4) Natland, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good. Hardness about  $2\cdot8^{\circ}$ . Water from (1) acts on lead, but lead pipes are not used.

**Soyland Urban District Council.**—Supplies Soyland U.D. (part), and is about to furnish a supply in bulk to Barkisland U.D.C.

*Sources of Supply (Nature and Sufficiency).*—Spring from shale, Blackhouse, Soyland. The average daily quantity of water available is 130,000 gallons.

*Works.*—No filtration. Storage reservoir:—Blackhouse, 5,850,087 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 28,500 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness,  $2\cdot3^{\circ}$ . Acts on lead and is treated with limestone.

**Spalding Urban District Council.**—Supplies Spalding U.D. (part) and part of parish of Pinchbeck (Spalding R.D.).

*Powers.*—Spalding Water Act, 1900.

*Limits.*—Spalding U.D.; Bourne U.D.; and parishes of Deeping St. Nicholas and Pinchbeck (Spalding R.D.).



*Sources of Supply (Nature and Sufficiency).*—Spring at Bourne. The average daily quantity of water obtained is 210,000 gallons, and a further 290,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 210,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 15°. No action on lead.

**Stafford Town Council.**—Supplies Stafford B.; and parts of parishes of Baswich Milford and Walton, Brocton, Castle Church, Colwich, Hopton and Coton, Tillington, Tixall (Stafford R.D.).

*Powers.*—Stafford Corporation Acts, 1876 and 1880; Stafford Order, 1885.

*Limits.*—Stafford B.; parishes of Baswich Milford and Walton, Castle Church, Hopton and Coton, Ingestre, Marston, Tillington, Tixall, Weston upon Trent (Stafford R.D.); and Sandon (Stone R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in New Red Sandstone, at Milford. The average daily quantity of water obtained is 600,000 gallons, and a further 800,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Milford, 577,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 600,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (14th October 1913) that the water is excellent. Hardness:—total, 8·16°; permanent, 5°. No action on lead.

**Stainland with Old Lindley Urban District Council.**—Supplies Stainland with Old Lindley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit at Cold Acre Edge. Yield not known.

*Works.*—No filtration. Storage reservoir:—Cold Acre, 6,750,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 45,000 gallons. Supply is constant.

*Quality of Water.*—Good. Fairly hard, and no action on lead.

**Stanhope Urban District Council.**—Supplies Stanhope U.D.

*Sources of Supply (Nature and Sufficiency).*—Moorland springs from sandstone, Stanhope. The average daily quantity of water obtained is 40,000 gallons, and a further 55,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Near Stanhope, 25,000 gallons. Service reservoir:—Stanhope, 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft. No action on lead.

**Startforth Rural District Council.**—Supplies parts of parishes of (1) Boldron, and (2) Bowes (Startforth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from gravel, Smart Gill Farm; (2) Highmoor's Spring from slate and sandstone, on moorland. The average daily quantity of water derived from each source is, respectively, (1) 1,500 gallons; (2) 4,000 gallons. A further 4,000 gallons per day could be obtained from (1), and 2,990 gallons from (2).

*Works.*—No filtration. Service reservoirs:—(1) Smart Gill Farm, 2,000 gallons; (2) Highmoor's Spring, 18,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft. No action on lead.

**Stevenage Urban District Council.**—Supplies Stevenage U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk, Rook's Nest, Stevenage. The average daily quantity of water obtained is 75,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Rook's Nest (a) 300,000 gallons, (b) 60,000 gallons; (c) 3,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 75,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 14·7°; permanent, nil. No action on lead.



**Stockport Town Council.**—Supplies Stockport C.B. (part), Alderley Edge U.D. (part), Cheadle and Gatley U.D. (part), Handforth U.D. (part), Hazel Grove and Bramhall U.D. (part), Wilmslow U.D. (part); and parts of parishes of Marthall cum Warford, Northern Etchells, Styal (Bucklow R.D.); Disley (Disley R.D.); Chorley, Great Warford, Nether Alderley, Poynton with Worth, and Woodford (Macclesfield R.D.); and furnishes supplies in bulk to Bredbury and Romiley U.D.C. and Marple U.D.C.

*Powers.*—Stockport Corporation Water Acts, 1899 and 1901; Stockport Corporation Acts, 1905 and 1908.

*Limits.*—Stockport C.B.; Alderley Edge U.D.; Bredbury and Romiley U.D. (part); Cheadle and Gatley U.D.; Handforth U.D.; Hazel Grove and Bramhall U.D.; Marple U.D.; Wilmslow U.D.; parishes of Styal (Bucklow R.D.); Disley (Disley R.D.); Chorley, Lyme Handley, Nether Alderley, Poynton with Worth (part), and Woodford (Macclesfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 1,400 acres, Lyme Park, Disley; (2) Boreholes in New Red Sandstone, Wilmslow (not at present in use); (3) Upland surface 2,130 acres, Kinder Hayfield; (4) Supply in bulk from Manchester T.C. (see page 89). The average daily quantity of water derived from each source is, respectively, (1) 1,280,000 gallons; (3) 2,300,000 gallons; (4) 1,040,000 gallons; 1,000,000 gallons per day could be obtained from (2).

*Works.*—Filtration, (1) 256 gallons per square yard per day, (3) Mechanical filters. Storage reservoirs:—Bollinurst, 84,460,000 gallons; Horse Coppice, 72,920,000 gallons; Kinder, 515,460,000 gallons. Service reservoirs:—Alderley Edge, 2,000,000 gallons; Stockport, 3,500,000 gallons; Jacksonsedge, 4,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,396,000 gallons and 224,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (16th June 1913) that the water is good. Hardness:—total  $3\cdot5^{\circ}$ ; permanent,  $1\cdot4^{\circ}$ ; (2)  $14^{\circ}$  (after softening  $7\cdot6^{\circ}$ ); (3)  $2\cdot03^{\circ}$ ; (4)  $2\cdot45^{\circ}$ . Water from (1), (3) and (4) is liable to act on lead.

**Stone Urban District Council.**—Supplies Stone U.D. (part), and part of parish of Stone Rural (Stone R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 520 feet, in New Red Sandstone at Longton Road, Stone. The average daily quantity of water obtained is 116,000 gallons, and a further 124,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Red Hill Stone, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 116,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total,  $11\cdot5^{\circ}$ ; permanent,  $4\cdot7^{\circ}$ . No action on lead; contains traces of iron.

**Stow on the Wold Urban District Council.**—Supplies Stow on the Wold U.D.

*Sources of Supply (Nature and Sufficiency).*—Well (166 feet) in Oolite, Stow on the Wold. The average daily quantity of water obtained is 20,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Tank at Stow on the Wold, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is intermittent.

*Quality of Water.*—Quarterly examination. Analyst remarks (12th June 1913) that the water is well suited for a public supply. Hardness:—total,  $16\cdot1^{\circ}$ ; permanent,  $8\cdot8^{\circ}$ .

**Stow on the Wold Rural District Council.**—Supplies parts of parishes of (1) Broadwell (2) Church Icomb, (3) Great Rissington, (4) Naunton, and (5) Oddington (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) to (5) Springs. The average daily quantity of water available from each source is, respectively, (1) 10,000 gallons; (2) 2,000 gallons; (3) 2,000 gallons; (4) 5,000 gallons; (5) 10,000 gallons.

*Works.*—No filtration. Reservoirs:—Tanks at (1) Broadwell, 50 gallons, (2) Church Icomb, 300 gallons; (3) Great Rissington, 300 gallons; (4) Grange Hill Road, Naunton, 1,000 gallons; (5) Pegler's Close, Oddington, 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard.



**Stratford and Wolverton Rural District Council.**—Supplies parishes of Calverton (part), Stony Stratford East, Stony Stratford West, and Wolverton (part) (Stratford and Wolverton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Tube wells in Oolite at Calverton Road, Stony Stratford. The average daily quantity of water obtained is 72,603 gallons.

*Works.*—No filtration. Service reservoir:—Calverton Road, 37,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (28th August 1911) that the water is satisfactory. Hardness:—total, 24°; permanent, 6°. No action on lead.

**Stratford on Avon Town Council.**—Supplies Stratford on Avon B. (part); and part of parish of Milcote (Stratford on Avon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Gathering ground, 490 acres, Snitterfield. The average daily quantity of water available is 315,000 gallons.

*Works.*—Filtration, 478 and 239 gallons per square yard per day. Storage reservoir:—Snitterfield, 20,340,000 gallons. Service reservoir:—Snitterfield, 80,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 104,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—quarterly chemical examination. Hardness:—total, 17°; permanent, 11°. No action on lead.

**Stratford on Avon Rural District Council.**—Supplies parts of parishes of (1) Alveston (2) Beaudesert, Wootton Wawen, (3) Kineton, (4) Loxley, (5) Wootton Wawen (Stratford on Avon R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Artesian well near Alveston; (2) Springs from gravel at Fordhall; (3) Heading and spring from limestone at Kineton; (4) Spring from limestone at Loxley; (5) Spring from gravel at Ullenhall. The average daily quantity of water available from each source is, respectively, (1) 25,000 gallons; (2) 43,000 gallons; (3) 6,400 gallons; (4) 9,000 gallons; (5) not known.

*Works.*—No filtration. Storage reservoirs:—(1) Alveston, 10,000 gallons; (2) Henley in Arden, 15,000 gallons; (3) Kineton, (a) 10,000 gallons, (b) 15,000 gallons; (4) Loxley, 1,000 gallons; (5) Ullenhall, 2,125 gallons. Pressure is sufficient except (5).

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory—periodical chemical examination. Hardness:—(1) 10°; (2) 45°; (3) 75°; (4) 33°; (5) 36°. Water from (1) acts on lead, but iron pipes are used.

**Stratton and Bude Urban District Council.**—Supplies Stratton and Bude U.D. (part); and parts of parishes of Poughill and Poundstock (Stratton R.D.).

*Powers.*—Stratton and Bude Improvement Act, 1901.

*Limits.*—Stratton and Bude U.D.; parishes of Marchamchurch, Poughill, Poundstock, and Stratton (Stratton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Tamar Lake supplied by overflow from River Tamar and two small streams, in the parishes of Bradworthy, Pancrasweek, and Kilkhampton. Yield not known.

*Works.*—Water is filtered. Service reservoir:—Launcells, 85,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 137,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (27th June 1913) that the water is suitable for drinking. Hardness, 4°. No action on lead.

**Street Urban District Council.**—Supplies Street U.D. (part); and parts of parishes of Godney, Rodney Stoke, and Wells St. Cuthbert Out (Wells R.D.); and furnishes a supply in bulk to Wells R.D.C.

*Powers.*—Street Urban District Water Act, 1902.

*Limits.*—Street U.D.; and parishes of Meare, Rodney Stoke, and Walton (Wells R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Carboniferous Limestone, Rodney Stoke; (2) Borehole in Old Mill Yard, Rodney Stoke. Yield of (1) not known; the average daily quantity of water available from (2) is 66,000 gallons.

*Works.*—No filtration. Service reservoirs:—Street, Low Level, 300,000 gallons; High Level, 150,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 60,000 gallons; quantity in bulk not known. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (9th February 1914), that the water is quite satisfactory. Hardness:—total, 14·8°; permanent, 4·2°. No action on lead.

**Stroud Urban District Council.**—Supplies Stroud U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Surface springs from Fuller's Earth in Cotswold Hills, Stroud; (2) Gainey's Well, spring from Upper Lias clay, Stroud Hill. The average daily quantity of water derived from each source is, respectively, (1) 88,000 gallons, (2) 70,000 gallons, and a further 13,000 gallons per day could be obtained from (1).

*Works.*—No filtration. Storage reservoirs:—Stroud Hill, (a) 2,100,000 gallons, (b) 1,736,000 gallons; Exchange, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 158,000 gallons. Supply is intermittent.

*Quality of Water.*—Satisfactory—half-yearly chemical and bacteriological examination. Hardness:—(1) total 20·3°; permanent, 3·8°; (2) total 16·7°; permanent, 6·6°. No action on lead.

**Sturminster Rural District Council.**—Supplies parts of parishes of (1) Ibberton, (2) Okeford Fitzpaine, (3) Sturminster Newton (Sturminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk (1) and (3) at Ibberton, (2) at Okeford Fitzpaine. Yield of (1) and (2) not known; the average daily quantity of water derived from (3) is 17,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—(3) Sturminster, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, (1) and (2) not known; (3) 10°. No action on lead.

**Sudbury Town Council.**—Supplies Sudbury B. (part).

*Sources of Supply (Nature and Sufficiency).*—Well and boring, 380 feet, in chalk, Sudbury. Yield not known.

*Works.*—No filtration. Reservoir:—Sudbury, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 112,165 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (25th April 1913) that the water is of great organic purity. Hardness:—total, 22·96°; permanent, 4·7°. No action on lead.

**Sutton in Ashfield Urban District Council.**—Supplies Sutton in Ashfield U.D. (part) and parish of Lindhurst (Skegby R.D.); and furnishes supplies in bulk to Huthwaite U.D.C., Blackwell R.D.C., and Skegby R.D.C.

*Powers.*—Sutton in Ashfield Urban District (Water) Act, 1901.

*Limits.*—Sutton in Ashfield U.D.

*Sources of Supply (Nature and Sufficiency).*—Wells in Bunter sandstone, Rushiey. The average daily quantity of water obtained is 660,000 gallons.

*Works.*—No filtration. Service reservoir:—Coxmoor, 407,840 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 382,000 gallons and 278,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (28th September 1906) that the water is exceptionally good. Hardness:—8°. No action on lead.

**Swanage Urban District Council.**—Supplies Swanage U.D. (part); and furnishes a supply in bulk to Wareham and Purbeck R.D.C.

*Powers.*—Swanage Gas and Water Acts, 1901 and 1912; Swanage Urban District Water Act, 1913.

*Limits.*—Swanage U.D.; parish of Langton Matravers (Wareham and Purbeck R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk, Ulwell. The average daily quantity of water obtained is 160,000 gallons.

*Works.*—No filtration. Service reservoirs:—Durlston Road, Swanage, 200,000 gallons; Langton Matravers, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 153,000 gallons, and 7,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (18th July 1913) that the water shows no evidence of recent pollution. Hardness:—total, 12·5°; permanent, 2·1°. No action on lead.



**Swansea Town Council.**—Supplies Swansea C.B. ; and furnishes supplies in bulk to Pontardawe R.D.C. and Swansea R.D.C.

*Powers.*—Swansea Local Board of Health Waterworks Act, 1860 ; Swansea Local Board Act, 1872 ; Swansea Waterworks Act, 1873 ; Swansea Corporation Water Acts, 1884, 1889, 1892, 1902, and 1905 ; Swansea Corporation Act, 1912.

*Limits.*—Swansea C.B.

*Sources of Supply (Nature and Sufficiency).*—(1) Lliw River with moorland gathering ground, 2,476 acres, Velindre ; (2) Cray River with moorland gathering ground, 2,680 acres, Cray. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Lower Lliw, 80,800,000 gallons ; Blaenant Ddu, 127,000,000 gallons ; Upper Lliw, Velindre, 305,464,000 gallons ; Cray, 1,000,000,000 gallons. Service reservoirs:—Cwmdonkin, 5,000,000 gallons ; Town Hill, 3,000,000 gallons ; St. Thomas, 500,000 gallons ; Morriston, 4,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 7,037,000 gallons and 693,090 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (October 1913) that the water is satisfactory. Hardness:—(1) 1·5° ; (2) 3·0°. No action on lead.

**Swansea Rural District Council.**—Supplies parts of parishes of (1), (2), (3), Clase Rural, (4) Cockett, (5) Gowerton, (6), (7) Llansamlet, (8) Penderry (Swansea R.D.) ; and furnishes supplies in bulk to Gower R.D.C., Llanelly R.D.C. and Pontardawe R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) Clasemont ; (2) Bwlfa ; (3) Deml Morriston ; (4) Cwmllywd ; (5) Cefngoleu ; (6) Cwmeyrnach ; (7) Gelli ; (8) Treboth, Lisbon. The average daily quantity of water available from each source<sup>o</sup> is, respectively, (1) 52,000 gallons ; (2) 24,000 gallons ; (3) 19,000 gallons ; (4) 36,000 gallons ; (5) not known ; (6) 623,000 gallons ; (7) 54,000 gallons ; (8) 40,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Clasemont, 20,000 gallons ; (2) Bwlfa, 2,000 gallons ; (3) Deml, Morriston, 2,000 gallons ; (4) Cwmllywd, 22,500 gallons ; (5) Cefngoleu, 18,000 gallons ; (6) Cwmeyrnach, 15,000 gallons ; (7) Gelli, 30,000 gallons ; (8) Treboth, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate ; the daily average in bulk is not known.

*Quality of Water.*—Good, and soft. No action on lead.

**Swindon Town Council.**—Supplies Swindon B. (part) ; and parts of parishes of Rodbourne Cheney, Stratton St. Margaret, and Wroughton (Highworth R.D.).

*Powers.*—Swindon Water Act, 1894 ; Swindon Order, 1902 ; Swindon Corporation Act, 1904.

*Limits.*—Swindon B. ; and parishes of Rodbourne Cheney, Stratton St. Margaret, and Wroughton (Highworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Adits in Chalk at Wroughton ; (2) Well, 200 feet, in Chalk, Ogbourne St. George. The average daily quantity of water available from each source is, respectively, (1) 630,000 gallons and (2) 264,705 gallons.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoir:—Wroughton, 11,000,000 gallons. Service reservoirs:—Wroughton, 400,000 gallons ; Swindon, 2,250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 590,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (6th December 1913) that the water is very good. Hardness:—total, 24·2° ; permanent, 4·7°. No action on lead.

**Swinton Urban District Council.**—Supplies Swinton U.D. (part).

*Powers.*—Swinton Local Board Act, 1894 ; Swinton Urban District Council Act, 1911.

*Limits.*—Swinton U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Springs ; (2) and (3) Wells ; (4) Borehole. The average daily quantity of water available from each source is, respectively, (1) 40,000 gallons ; (2) 75,000 gallons, (3) 62,000 gallons ; (4) 386,000 gallons.

*Works.*—Filtration, 1,200 gallons per square yard per day. Reservoir:—Wath Road, 350,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 170,000 gallons. Supply constant.

*Quality of Water.*—Pure. Hardness, 21°. No action on lead.

\* Swansea R.D.C.—Supplies from sources (1)–(8) may be supplemented, when necessary, with water obtained in bulk from Swansea T.C.



**Tadcaster Rural District Council.**—Supplies parts of parishes of (1) Tadcaster East and Tadcaster West; (2) South Milford (Tadcaster R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surfaces at Bilbrough; (2) Well at South Milford. The average daily quantity of water derived from each source is, respectively, (1) 50,000 gallons; (2) 2,000 gallons, and a further 80,000 gallons per day could be obtained from (1) and 50,000 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—(1) Bilbrough, 220,000 gallons, and (2) South Milford, 2,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) 21°; (2) 36°. No action on lead.

**Tamworth Rural District Council.**—Supplies part of parish of Kingsbury (Tamworth R.D.), and furnishes a supply in bulk to Meriden R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Spring at Dumbles. The average daily quantity of water obtained is 18,000 gallons, and a further 4,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Dumbles, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample; the daily average in bulk is 3,043 gallons.

*Quality of Water.*—Good—half-yearly chemical examination. Hardness:—total, 22·12°; permanent, 6·86°. No action on lead; contains some iron.

**Tarvin Rural District Council.**—Supplies parts of parishes of Beeston, Tilstone Fearnall, and Tiverton (Tarvin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Boulder Clay at Beeston. The average daily quantity of water obtained is 18,000 gallons, and a further 22,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Beeston, 160,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard. No action on lead.

**Taunton Town Council.**—Supplies Taunton B. (part); and parishes of Angersleigh (part), Pitminster (part), Staplegrove (part), Taunton St. James Without (part), Taunton St. Mary Magdalen Without (part), and Trull (part) (Taunton R.D.).

*Powers.*—Taunton Corporation Act, 1900.

*Limits.*—Taunton B.; parishes of Angersleigh, Bishops Hull Without, Cheddon Fitzpaine, Corfe, Creech St. Michael, Kingston, Norton Fitzwarren, Orchard Portman, Pitminster, Ruishton, Staplegrove, Stoke St. Mary, Taunton St. James Without, Taunton St. Mary Magdalen Without, Thorn Falcon, Thurlbear, Trull, West Monkton (Taunton R.D.); Bradford and West Buckland (Wellington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surface over Greensand formation, Blackdown Hills, Taunton. The average daily quantity of water obtained is 550,000 gallons, and a further 250,000 gallons per day could be obtained.

*Works.*—Filtration, 820 gallons per square yard per day. Storage reservoirs:—Blagdon, 7,281,839 gallons; Leigh, 29,724,811 gallons; Luxhay, 120,580,281 gallons. Service reservoirs:—Fulwood, (a) 300,000 gallons (b) 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 550,000 gallons. Supply is constant.

*Quality of Water.*—Good—quarterly chemical examination. Hardness, 5°. Acts slightly on lead, but galvanised iron pipes are used.

**Taunton Rural District Council.**—Supplies parts of parishes of Bishop's Lydeard and Cothelstone (Taunton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring, 2 miles from Bishop's Lydeard. The average daily quantity of water available is 9,120 gallons.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 10°. Acts on lead, but lead pipes are not used.

**Tavistock Urban District Council.**—Supplies Tavistock U.D. (part), and parts of parishes of Tavistock Hamlets, Whitchurch (Tavistock R.D.).

*Powers.*—Tavistock Urban District Council Act, 1912.

*Limits.*—Tavistock U.D., parishes of Tavistock Hamlets and Whitchurch (Tavistock R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 109 acres, and springs, Kilworthy and Pitland; (2) Upland surface, 18 acres, Sandypark. The average



daily quantity of water derived from each source is, respectively, (1) 257,760 gallons; (2) 270,000 gallons. A further 257,760 gallons per day could be obtained from (1).

*Works.*—No filtration. *Reservoirs*:—Kilworthy Hill, 290,000 gallons; Trelawny Road, 45,000 gallons; Whitchurch Down, Tavistock, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent. Hardness:—total, 4°; permanent, 3·5°. No action on lead.

**Tavistock Rural District Council.**—Supplies parts of parishes of (1) Bere Ferrers (2) Buckland Monachorum, Sampford Spiney, Whitchurch, (3) Lydford, (4) Petertavy, (5) Walkhampton, and (6) Whitchurch (Tavistock R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs, (a) Bere Ferrers, (b) Berealstone; (2) Old mine adit; (3) Old mine; (4) (5) and (6) Springs from shale. The average daily quantity of water available from each source is, respectively, (1) (a) 34,560 gallons, (b) 5,760 gallons; (2) 20,000 gallons; (3) 30,000 gallons; (4) 4,680 gallons; (5) not known; (6) 3,400 gallons.

*Works.*—No filtration. *Reservoirs*:—(1) (a) Bere Ferrers, 5,750 gallons, (b) Berealstone, 2,840 gallons; (3) Lydford, 1,500 gallons; (4) Old Mill, Petertavy, 3,400 gallons; (6) Whitchurch, 15,195 gallons. Pressure is insufficient, except (3).

*Quantity of Water supplied.*—Sufficient, except (6).

*Quality of Water.*—Good. Hardness varies from 2° to 4°. No action on lead.

**Teignmouth Urban District Council.**—Supplies Teignmouth U.D.; and furnishes a supply in bulk to Newton Abbot R.D.C. (see page 99).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Greensand, Haldon; (2) Mylor Well with borehole (332 feet), Coombe Vale, Teignmouth; (3) Shallow well at Shaldon; (4) Supply in bulk from Paignton U.D.C. (see page 107). The average daily quantity of water derived from each source is, respectively, (1) 31,504 gallons, (2) 21,880 gallons, (3) 3,665 gallons, and (4) 185,842 gallons. A further 64,158 gallons per day could be obtained from (4).

*Works.*—Pressure filters at (2) only. *Storage reservoirs*:—Hazeldown, 1,750,000 gallons; Landscove, 313,480 gallons; Shaldon, 109,550 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 238,691 gallons, and 4,200 gallons in bulk. Supply is constant (high level), and intermittent (low level).

*Quality of Water.*—Satisfactory—periodical chemical and bacteriological examination. Hardness, (1) 3·15°; (2) total, 14·7°; permanent, 4·2°. No action on lead.

**Tenbury Rural District Council.**—Supplies parts of parishes of Tenbury (Tenbury R.D.); Burford, and Nash (Burford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Carboniferous Limestone, Clee Hills, four miles from Tenbury. The average daily quantity of water obtained is 50,000 gallons.

*Works.*—No filtration. *Service reservoir*:—Rugpits, Burford, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (31st December 1910) that the water is excellent. Hardness:—total, 7·7°; permanent, 2·0°. No action on lead; contains a trace of iron.

**Tenby Town Council.**—Supplies Tenby B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Ritec Stream with upland surface springs, St. Florence Valley; (2) The Lady Well at Moysland, and springs at Rumbly Wells. The average daily quantity of water derived from each source is, respectively, (1) 185,000 gallons, (2) 15,000 gallons, and an unlimited quantity could be obtained from (1).

*Works.*—No filtration. *Storage reservoirs*:—Narberth Road, 700,000 gallons; The Butts, 750,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 200,000 gallons. Supply is constant.

*Quality of Water.*—Fairly satisfactory. Hardness, 15°. No action on lead.

**Tetbury Urban District Council.**—Supplies Tetbury U.D.

*Sources of Supply (Nature and Sufficiency).*—Artesian well in Great Oolite, Fullers Earth, and Inferior Oolite, at Tetbury Upton. Yield not known.



*Works.*—No filtration. Service reservoir:—Blind Lane, Tetbury Upton, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Good, but hard. No action on lead.

**Tewkesbury Rural District Council.**—Supplies parts of parishes of (1) Bredon and (2) Kemerton (Tewkesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) Bredon Hill, Springpiece; (2) Bredon Hill, Mercombe. The average daily quantity of water derived from each source is, respectively, (1) 15,000 gallons, and (2) 9,500 gallons. A further 8,000 gallons per day could be obtained from (1) and 7,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Bredon Hill, (a) 4,000 gallons, (b) 4,000 gallons; Mercombe, (a) 4,000 gallons, (b) 1,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very good. Hardness, 14°. No action on lead.

**Thame Urban District Council.**—Supplies Thame U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well with bore, 65 feet, Thame. The average daily quantity of water obtained is 60,000 gallons.

*Works.*—No filtration. Service reservoir:—Thame, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Frequent chemical examination. Analyst remarks (24th December 1913) that the water is very satisfactory. Hardness:—total, 21°; permanent, 2°. No action on lead; contains slight traces of iron.

**Thetford Town Council.**—Supplies Thetford B. (part).

*Sources of Supply (Nature and Sufficiency).*—Well, 160 feet, in Chalk at Mundford Road, Thetford. The average daily quantity of water obtained is 120,000 gallons.

*Works.*—No filtration. Storage reservoir:—Mundford Road, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (24th May 1913) that the water is excellent. Hardness:—total, 13·5°; permanent, 2·8°. Acts slightly on lead, but lead pipes are not used.

**Thirsk Rural District Council.**—Supplies parishes of (1) Kilburn, and (2) Sutton under Whitestone Cliffe (Thirsk R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from limestone, Hambleton Hills; (2) Spring from freestone, Hambleton Hills. The average daily quantity of water available from each source is, respectively, (1) 17,280 gallons, and (2) 36,720 gallons.

*Works.*—No filtration. Reservoirs:—(1) Kilburn, 837 gallons; (2) Sutton, 8,937 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—(1) 8°; (2) 6°. No action on lead.

**Thrapston Rural District Council.**—Supplies parishes of (1) Brigstock, (2) Great Addington and (3) Woodford (Thrapston R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (3) Deep wells; (2) Spring from gravel. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Brigstock, 250,000 gallons; (3) Woodford, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, and fairly hard. No action on lead.

**Thurlstone Urban District Council.**—Supplies Thurlstone U.D. (part); and furnishes a supply in bulk to New Mill U.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, with gathering ground, Bance Edge Plantation, Dunford Bridge. The average daily quantity of water available is 100,000 gallons.

*Works.*—Water is filtered. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons and 1,450 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 2·5°. No action on lead.



**Tisbury Rural District Council.**—Supplies parts of parishes of Tiffont Evias and Tiffont Magna (Tisbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Tiffont Magna. Yield not known.

*Works.*—No filtration. Reservoir:—"Springhead," Tiffont Magna, 800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good, and fairly hard. No action on lead.

**Tiverton Town Council.**—Supplies Tiverton B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Town Leat supplied by springs, Norwood Common; (2) Springs at Allers (used in summer only); (3) Adit at Warnicombe. The average daily quantity of water obtained is 250,000 gallons from (1) and (2) together, and 50,000 gallons from (3).

*Works.*—Filtration at (1) only, 600 gallons per square yard per day. Service reservoirs:—Tiverton (a) 35,000 gallons, (b) 250,000 gallons; Warnicombe, 70,000 gallons. Settling Tanks, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Generally satisfactory, but variable—bi-monthly chemical and bacteriological examination. Hardness:—(1) 4·8°; (2) 11·9°; (3) 5·3° (mixed 7·1°). Water from (3) acts on lead so slightly that no special precautions are required.

**Tiverton Rural District Council.**—Supplies parts of parishes of (1) Bradninch and (2) Silverton (Tiverton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from New Red Sandstone at Bradninch; (2) Springs from New Red Sandstone and gravel at Silverton. The average daily quantity of water available from each source is, respectively, (1) 19,000 gallons and (2) 10,000 gallons.

*Works.*—No filtration. Service reservoirs:—Bradninch, (a) 46,000 gallons, (b) 11,000 gallons; (2) Silverton (a) 1,200 gallons, (b) 29,500 gallons (in course of construction). Pressure (1) sufficient (2) insufficient.

*Quantity of Water supplied.*—Generally sufficient but (1) intermittent in summer.

*Quality of Water.*—Generally good. Hardness:—(1) 9°; (2) 8°. No action on lead.

**Todmorden Town Council.**—Supplies Todmorden B. (part).

*Powers.*—Todmorden Corporation Water Act, 1898; Todmorden Corporation Act, 1906.

*Limits.*—Todmorden B.; and parishes of Blackshaw and Erringden (Todmorden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland gathering ground, 690 acres, Inchfield Moor. The average daily quantity of water available is 690,000 gallons.

*Works.*—Filtration, 350 gallons per square yard per day. Storage reservoir:—Gorpley Clough, 120,000,000 gallons. Service reservoir:—Todmorden, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 350,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 3·5°. Acts slightly on lead and is treated with sand and limestone.

**Torpoint Urban District Council.**—Supplies Torpoint U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock, Craithole. The average daily quantity of water available is 82,000 gallons.

*Works.*—Filtration, 98 gallons per square yard per day. Storage reservoir:—Craithole, capacity not known. Service reservoir:—Carbeil, Torpoint, 196,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 55,736 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (26th January 1914) that chemically the water is satisfactory. Hardness:—total, 15·7°; permanent, 2°. No action on lead.

**Torquay Town Council.**—Supplies Torquay B. (part); Newton Abbot U.D. (part); and part of parish of Cockington (Newton Abbot R.D.); and furnishes a supply in bulk to Newton Abbot R.D.C.

*Powers.*—Torquay Waterworks Act, 1856; Tormoham Orders, 1860, 1865, and 1866; Torquay Orders, 1879, 1880, 1883, and 1911; Torquay Corporation Act, 1897; Torquay Corporation Water Act, 1903.

*Limits.*—Torquay B.; Newton Abbot U.D.; and parish of Cockington (Newton Abbot R.D.).



*Sources of Supply (Nature and Sufficiency).*—Trenchford stream with upland gathering ground, 2,339 acres, on granite in Hennock, Bovey Tracey, Christow, Bridford, and Moretonhampstead. The average daily quantity of water obtained is 1,815,000 gallons, and a further 537,000 gallons per day could be obtained.

*Works.*—Mechanical filters. Storage reservoirs:—Kennick, 194,000,000 gallons; Tottiford, 103,000,000 gallons; Trenchford, 171,000,000 gallons. Service reservoirs:—Newton Abbot, 500,000 gallons; Chapel Hill, 1,500,000 gallons; Warberry, (a) 2,000,000 gallons, (b) 500,000 gallons; Cockington, 50,000 gallons; Barton, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,789,000 gallons and 26,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks that the water is excellent. Hardness, 1·61°. No action on lead.

**Totnes Town Council.**—Supplies Totnes B. (part).

*Powers.*—Totnes Market and Waterworks Acts, 1845.

*Limits.*—Totnes B.

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, (1) Broomborough; (2) Bowden; (3) Follaton. Yield not known.

*Works.*—No filtration. Service reservoirs:—Totnes, (a) 100,000 gallons, (b) 100,000 gallons, (c) 200,000 gallons, (d) 126,000 gallons, (e) 13,000 gallons, (f) 8,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard. No action on lead.

**Totnes Rural District Council.**—Supplies parishes of (1) and (2) Cornworthy (part), (3) Dean Prior (part), (4) Dittisham, (5) Harberton (part), (6) Holne (part), (7) Kingswear, (8) Marldon, (9) South Brent, (10) Stoke Gabriel, and (11), (12), (13) Ugborough (Totnes R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Old Priory spring; (2) Five Wells spring; (3) Springs at Churchtown, Dean Prior and Dean Coombe; (4) Spring; (5) Two springs; (6) Moorland spring; (7) Springs; (8) Spring at Clapp's Shute; (9) Springs at Gingaford, Overbrent and Aish; (10) Spring at Aish; (11) Springs at Whitehouse Hill and Head Hill; (12) Moorland gathering ground at Bittaford; (13) Moorland gathering ground at Filham. Yield of (1), (2), (5), (7), (8), (10), (12) not known; the average daily quantity of water derived from (3) is 2,500 gallons; (4) 3,500 gallons; (6) 3,500 gallons; (9) 7,550 gallons; (11) 6,000 gallons; (13) 5,760 gallons. A further 3,000 gallons per day could be obtained from (3); 4,000 gallons from (6); 3,000 gallons from (9); 9,600 gallons from (11); and 7,200 gallons from (13).

*Works.*—No filtration. Reservoirs:—(4) Dittisham, 500 gallons; (5) Harberton, 500 gallons; (9) (a) Gingaford, 1,250 gallons, (b) Overbrent, 600 gallons, (c) Aish, 115 gallons; (10) White Rock, Stoke Gabriel, 32,000 gallons; (11), (12) and (13) Ugborough, 20,000 gallons. (4), (5) and (10), pressure is sufficient.

*Quantity of Water supplied.*—Ample, except (5) and (8).

*Quality of Water.*—Good, but (6) liable to pollution. Hardness varies from 4° to 10°. No action on lead.

**Towcester Rural District Council.**—Supplies parts of parishes of (1) Abthorpe, (2) Blakesley, (3) Gayton, (4) Green's Norton, (5) Maidford and (6) Towcester (Towcester R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1)–(5) Springs; (6) Spring and artesian well. Yield not known.

*Works.*—No filtration. Service reservoirs:—(1) Abthorpe, 400 gallons; (4) Green's Norton, 12,000 gallons; (6) Dockmill Mill, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Towyn Urban District Council.**—Supplies Towyn U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Rhydyronen Brook with gathering ground, 158 acres, 2½ miles from Towyn; (2) Springs with gathering ground, 57 acres, at Bwlchgwyn. Yield not known.

*Works.*—Water from (1) is filtered. Storage reservoirs:—Braichyrhiw, 20,000 gallons; Bwlchgwyn, 2,562,240 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) 0·79°; (2) 2·0°. Water from (1) is liable to act on lead, but tin-lined pipes are used and the water is regularly tested.



**Trawden Urban District Council.**—Supplies Trawden U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs from sandstone:—

(1) Boulsworth Hill; (2) Oaken Bank Farm, Trawden; (3) Naze End Farm, Trawden. The average daily quantity of water available from (1) is 113,862 gallons; yield of (2) and (3) not known.

*Works.*—No filtration. Storage reservoirs:—Boulsworth Hill Tank, capacity not known; Oaken Bank Tank, 82,000 gallons; Naze End Tank, 3,375 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Good, and very soft. No action on lead; contains some iron.

**Tredegar Urban District Council.**—Supplies Tredegar U.D. (part), Bedwellty U.D. (part); and furnishes supplies in bulk to Bedwellty U.D.C. (see page 14), and Mynyddislwyn U.D.C.

*Powers.*—Tredegar Water and Gas Acts, 1878 and 1882; Tredegar Order, 1888; Tredegar Waterworks Acts, 1892.

*Limits.*—Tredegar U.D. (part), and Bedwellty U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Tonyfedw spring with upland gathering ground, 160 acres, Tredegar; (2) Shon Sheffrey's well in Millstone Grit, Dukestown. The average daily quantity of water derived from each source is, respectively, (1) 156,000 gallons, and (2) 507,000 gallons; and a further 93,000 gallons per day could be obtained from each source.

*Works.*—Part of the water is filtered, 1,200 gallons per square yard per day. Storage reservoir:—Tredegar, 14,000,000 gallons. Service reservoir:—Tredegar, 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 444,000 gallons and 219,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Bacteriologist remarks (28th July 1913) that the total number of organisms present in the water is below the normal standard. Hardness:—(1) total, 4.2°; permanent, 2.8°; (2) total, 6.65°; permanent, 2.8°. No action on lead.

**Tregaron Rural District Council.**—Supplies parts of parishes of (1) Caron Uwch Clawdd and Upper Gwnnws, (2) Gorwydd, (3) Gwynfil (Tregaron R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring near Bont, (2) Spring from sand at Gorwydd, (3) Well in sand at Gwynfil. Yield of (1) and (3) not known; the average daily quantity of water available from (2) is 50,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Truro Rural District Council.**—Supplies parts of parishes of (1) St. Agnes, (2) St. Just in Roseland, (3) Perranzabuloe (Truro R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Penhallow Moor, Gover and Gooninnis; (2) Springs at Higher Newton; (3) Springs and well at Golla. The average daily quantity of water derived from each source is, respectively, (1) 28,000 gallons, (2) 8,000 gallons and (3) 13,300 gallons. A further 8,000 gallons per day could be obtained from (1) and 5,500 gallons from (3).

*Works.*—No filtration. Storage reservoir:—(2) Castle Hill, 12,000 gallons. Service reservoirs:—(1) (a) Seven Milestones, 165,000 gallons, (b) Mount Hawke, 20,000 gallons; (3) Golla, 30,800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Generally good. (1) Soft; hardness of (2) and (3) not known. No action on lead; (1) contains some iron.

**Tunbridge Wells Town Council.**—Supplies Tunbridge Wells B. (part); Southborough U.D. (part); and parts of parishes of Frant (Ticehurst R.D.); Pembury, Speldhurst, and Tonbridge Rural (Tonbridge R.D.).

*Powers.*—Tunbridge Wells Water Act, 1865; Tunbridge Wells Orders, 1867, 1868, 1897, and 1903; Tunbridge Wells Improvement Act, 1890.

*Limits.*—Tunbridge Wells B.; Southborough U.D. (part); and parts of parishes of Frant (Ticehurst R.D.); Bidborough, Lamberhurst, Pembury, Speldhurst, and Tonbridge Rural (Tonbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Tunbridge Wells Sands, Pembury and Matfield; (2) Borings through Wadhurst Clay into Ashdown Sands, Pembury. The average daily quantity of water derived from (1) is 772,250 gallons; yield of (2) not known.

*Works.*—Filtration, 450 gallons per square yard per day, and also mechanical filters. Storage reservoir:—Pembury, 42,000,000 gallons. Service reservoir:—Blackhurst, Pembury Road, 900,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 944,000 gallons. Supply is constant.

*Quality of Water.*—Frequent chemical and periodical bacteriological examination. Analyst remarks (28th November 1912) that the water is in capital condition. Hardness:—total, 3·6°; permanent, 1·2°. No action on lead; (2) contains some iron.

**Tutbury Rural District Council.**—Supplies part of parish of Tutbury (Tutbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Well (30 feet) in gravel, Corn Mill Lane, Tutbury. The average daily quantity of water obtained is 9,000 gallons and a further 110,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Elms Field, Tutbury, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional examination. Analyst remarks (23rd July 1913) that chemically the water is excellent. Hardness:—total, 31°; permanent, 22·5°. No action on lead.

**Tynemouth Town Council.**—Supplies Tynemouth C.B. (part); Whitley and Monkseaton U.D. (part); and parts of parishes of Hepscott and Newminster (Morpeth R.D.); and furnishes supplies in bulk to Bedlingtonshire U.D.C. (*see* page 14); Blyth U.D.C. (*see* page 20); Cramlington U.D.C., who also furnish a supply to Blyth U.D.C.; Newbiggin by the Sea U.D.C.; and Seaton Delaval U.D.C., who furnish a supply in bulk to Whitley and Monkseaton U.D.C.

*Powers.*—Tynemouth Corporation Water Acts, 1897, 1898, and 1907.

*Limits.*—Tynemouth C.B.; Whitley and Monkseaton U.D.

*Sources of Supply (Nature and Sufficiency).*—River Font with gathering ground, 11½ square miles, peat over Carboniferous Limestone, Fonthorn. The average daily quantity of water obtained is 1,816,700 gallons.

*Works.*—Filtration, 423 gallons per square yard per day. Storage reservoir:—Font, 721,500,000 gallons. Service reservoirs:—Moor House, 3,215,843 gallons; Billy Mill, 2,200,000 gallons; Brock Farm, (a) 8,004,000 gallons, (b) 1,439,000 gallons; Ridges, 14,000,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 1,556,100 gallons and 260,600 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Hardness, 7·6°. No action on lead.

**Uffington Rural District Council.**—Supplies part of parish of Uffington (Uffington R.D.).

*Source of Supply (Nature and Sufficiency).*—Bore at Uffington. The average daily quantity of water obtained is 9,500 gallons, and a further 12,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Uffington, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 23·5°. No action on lead.

**Ulverston Urban District Council.**—Supplies Ulverston U.D.; and parts of parishes of Osmotherley and Urswick (Ulverston R.D.); and furnishes a supply in bulk to Ulverston R.D.C.

*Powers.*—Ulverston Waterworks Act, 1852; Ulverston Local Board Act, 1874; Ulverston Orders, 1885 and 1895.

*Limits.*—Ulverston U.D.; parishes of Osmotherley, Pennington, and Urswick (Ulverston R.D.).

*Source of Supply (Nature and Sufficiency).*—Supply in bulk from Barrow in Furness T.C. The average daily quantity of water obtained is 400,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—Service reservoir, Castle Hill, Pennington, 2,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 367,000 gallons, and 33,000 gallons in bulk. Supply is constant.

*Quality of Water.*—*See* Barrow in Furness T.C., page 11.

**Ulverston Rural District Council.**—Supplies parts of parishes of (1) Aldingham, (2) Claife, (3) Coniston, (4) Hawkshead, (5) Kirkby Ireleth, (6) Satterthwaite, (7) Staveley, and (8) Upper Holker (Ulverston R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and borehole at Baycliffe; (2) and (4) Springs at Cunsey and Hawkshead; (3) Spring and stream over slate at Coniston; (5) and (8) Streams over slate at Grizebeck and Backbarrow; (6) and (7) Springs from slate at Satterthwaite and Staveley. Yield not known.



*Works.*—Water from (3) only is filtered. Storage reservoirs:—(1) Baycliffe, 6,370 gallons; (2) Cunsey, 5,625 gallons; (3) Coniston, 52,500 gallons; (4) Roger Ground, 52,500 gallons; (5) Sturdy Bank, 1,688 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—(1) 30°, (2)–(8) not known. No action on lead.

**Upholland Urban District Council.**—Supplies Upholland U.D. (part); and furnishes a supply in bulk to Wigan R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well in sandstone, Tontine. The average daily quantity of water obtained is 65,000 gallons, and a further 35,000 gallons per day could be obtained.

*Works.*—Filtration, 300 gallons per square yard per day. Storage reservoir:—Tontine, 60,000 gallons. Service reservoir:—Mill Lane, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 56,000 gallons, and 9,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (24th August 1910) that chemically this is a first-class water. Rather hard. No action on lead.

**Upton upon Severn Rural District.**—Supplies part of parish of Powick (Upton upon Severn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Surface water at Powick. The average daily quantity of water available is 16,000 gallons.

*Works.*—No filtration. Reservoirs:—tanks at Powick (a) 175 gallons, (b) 400 gallons, (c) 485 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (28th March 1911) that the water is fit for drinking. Hardness:—total, 27·3°; permanent, 13·2°. Lead pipes are not used.

**Uttoxeter Urban District Council.**—Supplies Uttoxeter U.D. (part); and part of parish of Doveridge (Sudbury R.D.).

*Powers.*—Uttoxeter Water Act, 1892; Uttoxeter Orders, 1898 and 1906.

*Limits.*—Uttoxeter U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring intercepted underground from sand and gravel, Bramshall; (2) Springs from gravel, Somersal Herbert; (3) Artesian bore at Uttoxeter (auxiliary supply). The average daily quantity of water available from each source is, respectively, (1) 105,911 gallons; (2) 59,828 gallons; (3) 100,000 gallons.

*Works.*—Water from (3) only is filtered. Storage reservoir:—Bramshall, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Frequent chemical examination. Analyst remarks (27th January 1914) that the water is satisfactory. Hardness:—(1) total, 6°, permanent, 4·7°; (2) total, 11°, permanent, 9·8°; (3) total, 15·5°, permanent, 6·5°. No action on lead; (3) is saline.

**Uwchaled Rural District Council.**—Supplies part of parish of Cerrig y Druidion (Uwchaled R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Hafod y Maidd. The average daily quantity of water obtained is 1,500 gallons, and a further 500 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Glasfryn Tank, 100 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Occasional examination. Analyst remarks (15th December 1911) that chemically the water is good; and (1st January 1912) that bacteriologically it is satisfactory. Soft, but galvanised iron pipes are used.

**Uxbridge Urban District Council.**—Supplies Uxbridge U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells and bores into Chalk, Rockingham Parade and Waterloo Road, Uxbridge. The average daily quantity of water obtained is 300,000 gallons.

*Works.*—No filtration. Service reservoirs:—Uxbridge Common, 80,000 gallons; Tank, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Good, but hard. No action on lead.



**Wadebridge Urban District Council.**—Supplies Wadebridge U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from slate 3 miles from Wadebridge. The average daily quantity of water available is 70,000 gallons.

*Works.*—No filtration. Storage reservoir:—Wadebridge, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is generally constant.

*Quality of Water.*—Good, and soft. Acts on lead, but iron pipes are used.

**Wakefield Town Council.**—Supplies Wakefield B. (part); and parts of parishes of Chevet and Crigglestone (Wakefield R.D.); and furnishes supplies in bulk to Altofts U.D.C., who supply part of parish of Newland with Woodhouse Moor (Wakefield R.D.); Castleford U.D.C., who furnish supplies in bulk to Pontefract R.D.C. and Tadcaster R.D.C.; Featherstone U.D.C., Methley U.D.C., Normanton U.D.C., Whitwood U.D.C., who furnish a supply in bulk to Pontefract R.D.C.; and Wakefield R.D.C., who furnish a supply in bulk to Stanley U.D.C.

*Powers.*—Wakefield Waterworks Acts, 1862, 1873, 1874, and 1876; Wakefield Improvement Act, 1877; Wakefield Corporation Waterworks Act, 1880; Wakefield Corporation Acts, 1887, 1889, 1894, 1899, and 1909.

*Limits.*—Wakefield B.; Altofts U.D.; Normanton U.D.; Stanley U.D.; and parishes of Alverthorpe, Chevet, Newland with Woodhouse Moor, Walton, and Warmfield cum Heath (Wakefield R.D.).

*Source of Supply (Nature and Sufficiency).*—Upland surface, 2,737 acres, in Rishworth and Barkisland. The average daily quantity of water obtained is 2,816,700 gallons.

*Works.*—Filtration, 340 gallons per square yard per day. Storage reservoirs:—Green Withers, Rishworth, 240,000,000 gallons; Ringstone, Barkisland, 244,000,000 gallons; Ardsley, 334,000,000 gallons. Service reservoir:—Lindale Hill, Alverthorpe, 1,250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,500,000 gallons, and 1,316,700 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and periodical bacteriological examination. Analyst remarks (3rd December 1913) that chemically the water is of a very high degree of purity. Hardness, 4.7°. Acts on lead, and is treated with lime and carbonate of lime.

**Wallasey Town Council.**—Supplies Wallasey C.B.

*Powers.*—Wallasey Improvement Acts, 1858, 1861, 1864, 1867, and 1872; Wallasey Orders, 1883, 1894, and 1903; Wallasey Local Board Act, 1890; Wallasey Tramways and Improvements Acts, 1899 and 1906.

*Limits.*—Wallasey C.B.

*Sources of Supply (Nature and Sufficiency).*—(1) Two boreholes in New Red Sandstone, Seaview Road, Liscard; (2) Supply in bulk from Liverpool T.C. (see page 79). The average daily quantity of water derived from each source is, respectively, (1) 1,253,403 gallons and (2) 1,200,000 gallons. A further 500,000 gallons per day could be obtained from (1), and 1,000,000 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—Gorse Hill, New Brighton (a) 4,300,000 gallons; (b) 2,000,000 gallons; Tower, Mill Lane, Liscard, 150,000 gallons; Tower, Gorse Hill, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,453,403 gallons. Supply is constant.

*Quality of Water.*—Frequent chemical and occasional bacteriological examination. Analyst remarks (14th August 1913) that chemically the water is very pure. Hardness:—total, 11.3°; permanent, 6.3°. No action on lead.

**Wallingford Town Council.**—Supplies Wallingford B.; and part of parish of Brightwell (Wallingford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian well in Upper Greensand, Station Road, Wallingford. The average daily quantity of water obtained is 60,000 gallons, and a further 60,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Tank at Wallingford, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (21st November 1913) that the water is quite safe to use. Hardness:—total, 11.9°; permanent, 1.75°. No action on lead.

**Walton le Dale Urban District Council.**—Supplies Walton le Dale U.D. (part); and part of parish of Brindle (Chorley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole at Bamber Bridge; (2) Well with adits, in Millstone Grit, Brindle; (3) Supply in bulk from Manchester



T.C. (see page 89). The average daily quantity of water available from each source is, respectively, (1) 250,000 gallons; (2) 55,000 gallons; (3) 200,000 gallons (minimum 20,000 gallons).

*Works.*—Pressure filters. Reservoir:—Brindle, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 270,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—(1) 31°, (2) 30°; (after softening), (1) 9·5°, (2) 18°. No action on lead.

**Wantage Rural District Council.**—Supplies part of parish of East Challow (Wantage R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well with adits in Upper Greensand, at East Challow. The average daily quantity of water available is 3,500 gallons.

*Works.*—No filtration. Reservoir:—East Challow, 3,600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250 gallons. Supply is constant.

*Quality of Water.*—Good, but hard. No action on lead.

**Ware Urban District Council.**—Supplies Ware U.D. (part); and furnishes a supply in bulk to Ware R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, Ware. The average daily quantity of water obtained is 160,000 gallons, and a further 300,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Ware, 240,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 155,000 gallons, and 5,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (December 1913) that the water is satisfactory. Hardness not known. No action on lead.

**Ware Rural District Council.**—Supplies parts of parishes of Broxbourne, Wormley (Ware R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole at Broxbourne. The average daily quantity of water obtained is 34,194 gallons, and a further 16,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Cold Hall, Broxbourne, (a) 50,000 gallons; (b) 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Periodical examination. Analyst remarks (2nd November 1912) that there is no indication of any objectionable impurities. Hardness not known. No action on lead.

**Wareham Town Council.**—Supplies Wareham B. (part).

*Source of Supply (Nature and Sufficiency).*—Well at Worgret Hill. The average daily quantity of water obtained is 33,060 gallons, and a further 66,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Worgret Hill, (a) 180,000 gallons; (b) 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 33,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 3·3°. Acts slightly on lead, and is treated with lime.

**Warminster Urban District Council.**—Supplies Warminster U.D. (part); and part of parish of Upton Scudamore (Warminster R.D.); and furnishes a supply in bulk to Warminster R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Springs from Greensand ((1) being intercepted underground); (3) Well, Crockerton. The average daily quantity of water derived from each source is, respectively, (1) 60,000 gallons; (2) 84,000 gallons; (3) 26,000 gallons; and a further 100,000 gallons per day could be obtained from (3).

*Works.*—No filtration. Storage reservoir:—Botany, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 166,000 gallons, and 4,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Satisfactory. Hardness, 5°. No action on lead.



**Warminster Rural District Council.**—Supplies part of parish of Upton Scudamore (Warminster R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Upton Scudamore. Yield not known.

*Works.*—No filtration. Service reservoir:—Upton Scudamore, 21,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (13th May 1912) that the water is potable. Hardness not known. No action on lead.

**Warrington Town Council.**—Supplies Warrington C.B.; and parishes of Culcheth (part), Kenyon (part) (Leigh R.D.); Acton Grange (part), Appleton (part), Daresbury (part), Grappenhall (part), Hatton (part), Latchford Without (part), Moore (part), Newton by Daresbury (part), Stockton Heath, Stretton (part), Thelwall (part), Walton Inferior (part), Walton Superior (part) (Runcorn R.D.); Burtonwood (part), Great Sankey (part), Houghton Middleton and Arbury (part), Penketh (part), Poulton with Fearnhead (part), Rixton with Glazebrook (part), Southworth with Croft, Winwick with Hulme (part), Woolston with Martinscroft (part) (Warrington R.D.); and Bold (part) (Whiston R.D.); and furnishes a supply in bulk to Irlam U.D.C.

*Powers.*—Warrington Waterworks Acts, 1855, 1868, and 1878; Warrington Extension and Water Act, 1890; Warrington Corporation Acts, 1899 and 1911.

*Limits.*—Warrington C.B.; and parishes of Culcheth, Kenyon (Leigh R.D.); Acton Grange, Appleton, Daresbury, Grappenhall, Hatton, Keckwick, Latchford Without, Moore, Stockton Heath, Stretton, Thelwall, Walton Inferior, Walton Superior (Runcorn R.D.); Burtonwood, Great Sankey, Houghton Middleton and Arbury, Penketh, Poulton with Fearnhead, Rixton with Glazebrook, Southworth with Croft, Winwick with Hulme, and Woolston with Martinscroft (Warrington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in New Red Sandstone:—(1) Winwick with Hulme; (2) Houghton with Middleton; (3) Gathering ground, 1,360 acres, Appleton, Hatton and Daresbury. The average daily quantity of water derived from each source is, respectively, (1) 261,892 gallons, (2) 1,689,498 gallons, (3) 591,685 gallons. A further 989,000 gallons per day could be obtained from (1), 61,000 gallons from (2) and 189,000 gallons from (3).

*Works.*—No filtration. Storage reservoir:—Appleton and Walton Superior, 55,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,542,395 gallons and 680 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (21st November 1913) that the water is excellent. Hardness, 14·7°. No action on lead.

**Warsop Urban District Council.**—Supplies Warsop U.D. (part); and part of parish of Sookholme (Skegby R.D.).

*Source of Supply (Nature and Sufficiency).*—Deep well in Bunter Beds, Bradmer Hill, Warsop. The average daily quantity of water obtained is 65,000 gallons, and a further 150,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Bradmer Hill, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 65,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 8°. No action on lead.

**Warwick Town Council.**—Supplies Warwick B. (part); and furnishes a supply in bulk to Sir F. Waller, Bart., who supplies part of parish of Leek Wootton (Warwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Adit in drift gravel overlying red marl, Haseley; (2) Well in sandstone, Woodloes. The average daily quantity of water derived from each source is, respectively, (1) 232,360 gallons, (2) 19,800 gallons. A further 70,000 gallons per day could be obtained from (1) and 130,000 gallons from (2).

*Works.*—No filtration. Storage reservoir:—Hatton, 500,000 gallons. Service reservoir:—Hatton Hill, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 249,666 gallons and 2,494 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (27th September 1913) that the water is quite satisfactory. Hardness:—total, 18·4°; permanent, 14°. No action on lead.



**Watford Urban District Council.**—Supplies Watford U.D. (part); and part of parish of Watford Rural (Watford R.D.).

*Powers.*—Watford Urban District Council Act, 1909.

*Limits.*—Watford U.D.

*Sources of Supply (Nature and Sufficiency).*—Three wells in Chalk at Watford Fields. The average daily quantity of water obtained is 1,199,360 gallons.

*Works.*—No filtration. Service reservoir:—New Bushey, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,199,360 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (18th December 1913) that the water is excellent. Hardness:—total, 21°; permanent, 5°. No action on lead; contains a trace of iron.

**Wath Rural District Council.**—Supplies parishes of (1) Hutton Conyers (part), (2) Melmerby, and (3) Rainton with Newby (part) (Wath R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1), (2) and (3) Springs. Yield not known.

*Works.*—No filtration. Reservoirs:—Hutton Cony Melmerby and Rainton, capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good. Hardness:—(1) fairly hard; (2) 17°; (3) 37°. No action on lead.

**Wath upon Dearne Urban District Council.**—Supplies Wath upon Dearne U.D. (part); and parts of parishes of Adwick upon Dearne (Doncaster R.D.) and Brampton Bierlow (Rotherham R.D.).

*Powers.*—Wath upon Dearne Urban District Council (Water) Act, 1898; Wath upon Dearne Order, 1904.

*Limits.*—Wath upon Dearne U.D.; and parishes of Adwick upon Dearne (Doncaster R.D.); and Brampton Bierlow (Rotherham R.D.).

*Source of Supply (Nature and Sufficiency).*—Borehole, 162 feet, in Sandstone, Wath upon Dearne. The average daily quantity of water obtained is 240,000 gallons.

*Works.*—Filtration, 615 gallons per square yard per day. Service reservoirs:—Wath Wood, (a) 175,000 gallons, (b) 105,000 gallons; (c) 354,000 gallons; (d) 270,000 gallons; (e) and (d) under construction. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 240,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (27th August 1913) that the water is organically pure. Hardness:—total, 18°; permanent, 8·4°. No action on lead; contains some iron.

**Weardale Rural District Council.**—Supplies parts of parishes of (1) Edmondbyers; (2) to (12) Stanhope; and (13) and (14) Wolsingham (Weardale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs: (1) Edmondbyers, (2) Frosterley Bridge End, (3) Hill End, (4) Crawleyside, (6) Rookhope, (7) Westgate and Daddryshield; Springs from rock: (5) Eastgate; Springs in pasture land: (8) Wearhead, (9) West Blackdene, (10) Irishopeburn, (11) Lanehead, (12) Cowshill, (13) Thornley, and (14) White Kirkley. The average daily quantity of water derived from each source is, respectively, (1) 2,000 gallons; (2) 30,000 gallons; (3) 2,000 gallons; (4) 3,000 gallons; (5) 1,400 gallons; (6) 5,000 gallons; (7) 7,500 gallons; (8) 4,000 gallons; (9) 1,400 gallons; (10) 3,500 gallons; (11) 2,000 gallons; (12) 2,000 gallons; (13) 2,500 gallons; (14) 2,100 gallons. A further 4,000 gallons per day could be obtained from (1); 8,000 gallons from (2); 8,000 gallons from (3); 6,000 gallons from (4); 2,500 gallons from (5); 10,000 gallons from (6); 12,000 gallons from (7); 7,000 gallons from (8); 3,500 gallons from (9); 7,000 gallons from (10); 6,000 gallons from (11); 4,000 gallons from (12); 3,500 gallons from (13); 3,000 gallons from (14).

*Works.*—No filtration. Service reservoir:—A small tank near each village; capacity varies from 4,000 to 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness varies from 4° to 8°. No action on lead.

\* Wath upon Dearne U.D.C.—An additional borehole is being provided.



**Wellingborough Urban District Council.**—Supplies Wellingborough U.D. (part); and parish of Hardwick (Wellingborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well (35 feet) in Northampton Sand, "Bushfield"; (2) Surface water at Hardwick. The average daily quantity of water available from each source is, respectively, (1) 184,000 gallons; (2) 62,000 gallons.

*Works.*—Mechanical cloth filters. Service reservoirs:—Four at Baregrass, total capacity 900,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 226,500 gallons. Supply is constant.

*Quality of Water.*—Pure—periodical chemical and bacteriological examination. Hardness:—(1) total, 33·0°; permanent, 15·5°; (2) total, 32·0°; permanent, 12·5° (mixed—after softening, total, 15·5°; permanent, 12·5°). No action on lead; contains some iron.

**Wellingborough Rural District Council.**—Supplies parishes of (1) Earls Barton (part), (2) Ecton, (3) Isham (part), and (4) Wilby (Wellingborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (4) Wells; (2) Spring from Oolite; (3) Well in Northampton Beds. The average daily quantity of water derived from each source is, respectively, (1) 35,000 gallons; (2) 7,200 gallons; (3) 5,000 gallons; (4) 10,000 gallons. A further 10,000 gallons per day could be obtained from (1); 19,000 gallons from (3); and 14,000 gallons from (4).

*Works.*—No filtration. Storage reservoirs:—(1) Earls Barton, (a) 20,000 gallons, (b) 20,000 gallons; (2) Ecton, (a) 12,000 gallons, (b) 3,000 gallons; (3) Isham, 25,000 gallons; (4) Wilby, 20,000 gallons. Service reservoir:—(1) Earls Barton, 53,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory, but hard. No action on lead; contains lime and iron.

**Wellington (Salop) Urban District Council.**—Supplies Wellington U.D.; and parts of parishes of Hadley and Wellington Rural (Wellington R.D.).

*Powers.*—Wellington (Salop) Waterworks Act, 1860.

*Limits.*—Wellington U.D.; and parts of parishes of Wellington Rural, and Wrockwardine (Wellington R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Wrekin and Buckatree streams; (2) Borehole in New Red Sandstone near Wellington (auxiliary supply). The average daily quantity of water available from each source is, respectively, (1) 180,000 gallons, and (2) 216,000 gallons.

*Works.*—Filtration, 350 gallons per square yard per day. Storage reservoirs:—Wellington, (a) 17,500,000 gallons, (b) 180,000 gallons. Service reservoir:—Wellington, 175,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 150,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—occasional examination. Hardness:—(1) total, 10·9°; permanent, 5·7°; (2) total, 18·5°; permanent, 4·5°. No action on lead.

**Wellington (Somerset) Urban District Council.**—Supplies Wellington U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Old Red Sandstone at Westford and Payton. The average daily quantity of water available is 230,000 gallons.

*Works.*—No filtration. Storage reservoir:—Westford, 81,500 gallons. Service reservoirs:—Rockwell, Green Tower, 27,000 gallons; Dark Lane Tower, 48,700 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 187,200 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (21st November 1911) that the water is good. Hardness:—total, 18°; permanent, 11°. No action on lead; contains a trace of iron.

**Wellington (Somerset) Rural District Council.**—Supplies parts of parishes of (1) Bradford (2) Milverton, (3) Sampford Arundel, (4) West Buckland, and (5) Wiveliscombe Without (Wellington R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Bradford; (2) (a) Spring from New Red Sandstone at Furbear's Well, (b) Spring at Leigh Farm, Milverton; (3) Spring on Sampford Moor; (4) Spring from Upper Greensand at Blackmoor, West Buckland; (5) Spring from New Red Sandstone at Langley. The average daily quantity of water available from each source is, respectively, (2) (a) 14,000 gallons, (b) 3,500 gallons; (4) 4,000 gallons; (5) 3,000 gallons; yield of (1) and (3) not known.



*Works.*—No filtration. Service reservoirs:—(2) Furbear's Well, 45,000 gallons; (4) Rookey, 500 gallons; (5) Langley, 1,000 gallons. Pressure is sufficient at (2), (4), and (5).

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness not known. Lead pipes are not used; water from (4) contains a trace of iron.

**Wells Town Council.**—Supplies Wells B. (part), and part of parish of Wells St. Cuthbert Out (Wells R.D.).

*Powers.*—Wells Corporation Water Act, 1901.

*Limits.*—Wells B.; and parishes of Wells St. Cuthbert Out, and Wookey (Wells R.D.).

*Sources of Supply (Nature and Sufficiency).*—Holes Ash spring, Rookham and Penhill. The average daily quantity of water obtained is 140,000 gallons.

*Works.*—No filtration. Service reservoirs:—Milton Hill, (a) 150,000 gallons, (b) 220,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 140,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (13th November 1911) that the water is of the highest degree of organic and bacterial purity. Hardness:—total, 8·5°; permanent, 3°. No action on lead.

**Wells Rural District Council.**—Supplies parts of parishes of (1) Wells St. Cuthbert Out, (2) West Pennard (Wells R.D.); and Pilton (Shepton Mallet R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Watchett; (2) Washing Stone, West Pennard. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons; (2) 2,000 gallons. A further 3,640 gallons per day could be obtained from (1), and 3,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—(1) West Horrington, 10,000 gallons; (2) West Pennard, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—(1) 20°; (2) not known. No action on lead.

**Welshpool Town Council.**—Supplies Welshpool B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs, streams and upland surface at Blackpool. The average daily quantity of water obtained is 80,000 gallons.

*Works.*—Filtration, 600 gallons per square yard per day. Storage reservoirs:—Blackpool, (a) 5,000,000 gallons, (b) 1,700,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (26th June 1913) that the water is fairly satisfactory. Hardness:—total, 7°; permanent, 0·3°. No action on lead.

**Welton Rural District Council.**—Supplies part of parish of Bardney (Welton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in gravel, near Bardney. The average daily quantity of water obtained is 8,000 gallons, and a further 15,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Bardney, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but hard. No action on lead.

**Welwyn Rural District Council.**—Supplies parts of parishes of Digswell and Welwyn (Welwyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 80 feet, in Chalk at Welwyn; (2) Well, 210 feet, in Chalk near Harmer Green, Welwyn. The average daily quantity of water derived from each source is, respectively, (1) 30,000 gallons, (2) 10,000 gallons; and a further 30,000 gallons per day could be obtained from (1) and 183,900 gallons from (2).

*Works.*—No filtration. Service reservoirs\*:—(1) London Road, Welwyn, 94,500 gallons; (2) Harmer Green, 51,000 gallons, Burnham Green (tank), 2,700 gallons. Pressure, (1) sufficient, (2) insufficient.

*Quantity of Water supplied.*—(1) Adequate; (2) the daily average is 10,000 gallons, but is intermittent.

*Quality of Water.*—Good. Hardness, (1) 7°; (2) 21·2°. No action on lead.

\* Welwyn R.D.C.—A reservoir, capacity 50,000 gallons, is about to be constructed at Burnham Green.



**Wem Urban District Council.**—Supplies Wem U.D. (part); and part of parish of Wem Rural (Wem R.D.); and furnishes a supply in bulk to Wem R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well and borehole in red sandstone, Preston Brockhurst. The average daily quantity of water obtained is 59,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Preston Springs, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 58,600 gallons and 400 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 10·8°; permanent, 6·0°. No action on lead.

**Wenlock Town Council.**—Supplies Wenlock B. (part); and furnishes supplies in bulk to Dawley U.D.C., who furnish a supply in bulk to Wellington R.D.C., and Shifnal R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Well and boring into Bunter Beds, Harrington, Sutton Maddock; (2) Well and boring in Wenlock Limestone, Much Wenlock. The average daily quantity of water available from each source is, respectively, (1) 226,000 gallons, (2) 12,000 gallons.

*Works.*—No filtration. Service reservoirs:—Madeley, 460,000 gallons; Posenhall, Broseley, 155,000 gallons; Much Wenlock, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 169,165 gallons, and 61,983 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—(1) 17°, (2) 25°. No action on lead.

**Westbury and Whorwellsdown Rural District Council.**—Supplies part of parish of Steeple Ashton (Westbury and Whorwellsdown R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Corallian at Steeple Ashton. The average daily quantity of water available is 12,000 gallons.

*Works.*—Pressure filters. Reservoir:—Stourton Hill near Steeple Ashton, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Good after filtration. Permanent hardness, 9·9°. No action on lead.

**Weston super Mare Urban District Council.**—Supplies Weston super Mare U.D.; and parts of parishes of Uphill and Worle (Axbridge R.D.).

*Powers.*—Weston super Mare Waterworks Act, 1853; Weston super Mare Improvement Commissioners Water Act, 1878; Weston super Mare Improvement Act, 1887; Weston super Mare Order, 1911.

*Limits.*—Weston super Mare U.D.; and parishes of Kewstoke, Uphill and Worle (Axbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Carboniferous Limestone, Weston super Mare. Yield not known.

*Works.*—No filtration. Reservoirs:—Bristol Road, 520,000 gallons; Worlebury Hill, 154,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 939,079 gallons. Supply is constant.

*Quality of Water.*—Very pure, but somewhat brackish—periodical chemical and bacteriological examination. Hardness, 34·5°. No action on lead.

**West Penwith Rural District Council.**—Supplies parishes of (1) Gulval (part), (2) Marazion, St. Michael's Mount, and (3) Sennen (part) (West Penwith R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Adit (30 feet) at Gulval; (2) Adit (36 feet) at Trenawen Ludgvan; (3) Adit (62 feet) at Sennen. The average daily quantity of water available from each source is, respectively, (1) 30,000 gallons, (2) 40,000 gallons, (3) 4,000 gallons.

*Works.*—No filtration. Reservoirs:—Gulval, 95,000 gallons; Marazion, 30,000 gallons; Sennen Cove, 11,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample, except (2).

*Quality of Water.*—Good, and soft. No action on lead.

**West Ward Rural District Council.**—Supplies parts of parishes of (1) Barton, (2) Sockbridge, and (3) Yanwath and Eamont Bridge (West Ward R.D.).

*Sources of Supply (Nature and Sufficiency).*—Mountain springs (1) at Barton, (2) at Sockbridge and (3) at Yanwath. The average daily quantity of water derived from each source is, respectively, (1) 5,700 gallons, (2) 4,500 gallons, (3) 6,680 gallons, and a further 104,914 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Barton Fell, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent. Hardness:—total, 2°; permanent, 0·75°. No action on lead.



**Wetherby Rural District Council.**—Supplies part of parish of Kirkby Overblow (Wetherby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 332 feet, in shale, at Kirkby Overblow. The average daily quantity of water available is 35,000 gallons.

*Works.*—Water is filtered. Reservoir (temporary tanks), 4,800 gallons.

*Quantity of Water supplied.*—The daily average, at present, is 2,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (16th September 1912) that the water is organically pure. Hardness, 7·2°. No action on lead.

**Wharfedale Rural District Council.**—Supplies parts of parishes of (1) Great Timble, (2) Menston (Wharfedale R.D.) and Guiseley U.D. (part).

*Powers.*—Menston Waterworks Act, 1899; Menston Waterworks (Transfer) Act, 1900 (parish of Menston) and Public Health Act, 1875.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring; (2) Moorland gathering ground, 4 square miles. Yield of (1) not known; the average daily quantity of water derived from (2) is 34,000 gallons, and a further 3,000 gallons per day could be obtained.

*Works.*—Water from (1) is filtered. Storage reservoir:—(1) Four Lane Ends, capacity not known. Service reservoir:—(2) Moor Lane, 2,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness:—(1) not known; (2) 4·5°. No action on lead.

**Whitby Rural District Council.**—Supplies parts of parishes of (1) Aislaby, (2) Fylingdales, (3) Goathland, and (4) Mickleby (Whitby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) from freestone at Aislaby, (2) at Fylingdales, (3) at Goathland, (4) Upland surface over clay and sand beds at Mickleby. The average daily quantity of water derived from each source is, respectively, (1) 440 gallons; (2) 29,950 gallons; (3) (a) 10,800 gallons, (b) 7,470 gallons; (4) 1,510 gallons. A further 17,000 gallons per day could be obtained from (2) and 1,450 gallons from (3) (a).

*Works.*—No filtration. Storage reservoirs:—(2) Robin Hood's Bay, 60,000 gallons; (3) Goathland Moor, 6,000 gallons. Service reservoirs:—(2) (a) Thorpe, 260,000 gallons, (b) Robin Hood's Bay, 30,000 gallons; (3) Goathland Moor, 96,000 gallons; (4) Mickleby, 5,550 gallons. (2) to (4) Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional examination. (1) Fairly hard; (2)–(4) soft. Water from (3) acts slightly on lead, but lead pipes are not permitted.

**Whitchurch (Salop) Urban District Council.**—Supplies Whitchurch U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells and bore, 60 feet, through clay, sand and gravel, Fenns Bank, Whitchurch. The average daily quantity of water obtained is 130,000 gallons, and a further 35,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Pear Tree Lane, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 130,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (31st December 1913) that if the water was clear it would be very fair. Hardness, 22°; (after softening) 6°. No action on lead; contains a trace of iron.

**Whitehaven Town Council.**—Supplies Whitehaven B. (part); and parts of parishes of Ennerdale and Kinniside, Hensingham, Lamplugh, Moresby, and Preston Quarter (Whitehaven R.D.); and furnishes supplies in bulk to Whitehaven R.D.C. and Moresby Coal Company, who supply part of parish of Moresby (Whitehaven R.D.).

*Powers.*—Whitehaven Waterworks Acts, 1849 and 1864; Whitehaven Harbour and Town Improvement Act, 1876; Whitehaven Town and Harbour Act, 1879; Whitehaven Town and Harbour (Incorporation) Act, 1885, and Whitehaven Corporation Act, 1899.

*Limits.*—Whitehaven B. and parishes of Hensingham and Preston Quarter (Whitehaven R.D.).

*Sources of Supply (Nature and Sufficiency).*—Ennerdale Lake (740 acres), with gathering ground, 10,000 acres. The average daily quantity of water obtained is 1,220,000 gallons, and a further 780,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Scragill, 1,000,000 gallons; Hensingham, 50,000 gallons; Harras Moor, 150,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 1,200,000 gallons and 20,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (16th May 1911) that chemically the water is very pure. Hardness:—total, 1·2°; permanent, 0·8°. No action on lead.

**Whitehaven Rural District Council.**—Supplies parts of parishes of (1) Beckermest St. Bridget, Beckermest St. John, Gosforth, Hale, Lowside Quarter, Ponsonby; (2) Lamplugh, and (3) and (4) Moresby (Whitehaven R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from gravel over volcanic ash and breccia in the valleys of Scale Beck, Peagill, and Bengarthgill near Gosforth; (2) Springs from gravel over slate, on Owsen Fell; (3) and (4) Springs over sandstone at The High, Moresby. The average daily quantity of water derived from each source is, respectively, (1) 12,500 gallons; (2) 700 gallons; (3) 1,500 gallons; (4) 300 gallons. A further 87,500 gallons per day could be obtained from (1), 21,300 gallons from (2), 20,500 gallons from (3), and 4,700 gallons from (4).

*Works.*—No filtration. Service reservoirs:—(1) Howgate, 3,000 gallons; (2) Lamplugh, 10,000 gallons; (3) Harras Moor, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good. Hardness:—total, 1·2°; permanent, 0·8°. No action on lead.

**Whitland Rural District Council.**—Supplies part of parish of Pendine (Whitland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Pendine. The average daily quantity of water available is 14,000 gallons.

*Works.*—No filtration. Storage reservoir:—Pendine, 1,875 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional examination. Analyst remarks that chemically the water is excellent. Hardness, 7°. No action on lead.

**Widnes Town Council.**—Supplies Widnes B.; and parts of parishes of Bold, Cronton, Ditton, Halewood, and Tarbock (Whiston R.D.); and furnishes a supply in bulk to Whiston R.D.C.

*Powers.*—Widnes Improvement Act, 1867; Widnes Local Board Act, 1875; Widnes Corporation Act, 1908.

*Limits.*—Widnes B.; parish of Cuerdley (Warrington R.D.); and parishes of Bold, Cronton, Ditton, Hale, Halewood, Rainhill (part), and Tarbock (Whiston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boreholes in New Red Sandstone:—(1) Stockswell; (2) Netherley; (3) Belle Vale. The average daily quantity of water available from each source is, respectively, (1) 3,000,000 gallons; (2) 2,500,000 gallons; (3) is not in use.

*Works.*—No filtration. Storage reservoirs:—Pex Hill (a) 1,400,000 gallons, (b) 11,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,453,100 gallons and 8,320 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (24th December 1913) that the water is excellent. Hardness:—(1) total, 10·7°; permanent, 8·6°; (2) total, 7·7°, permanent, 7·4°. No action on lead.

**Wigan Town Council.**—Supplies Wigan C.B.; and part of parish of Worthington (Wigan R.D.), and furnishes a supply in bulk to Orrell U.D.C.

*Powers.*—Wigan Waterworks Acts, 1853 and 1860; Wigan Orders, 1886, 1897, and 1907; Wigan Corporation Act, 1898.

*Limits.*—Wigan C.B.

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surfaces of 2,200 acres and 500 acres at Wrightington and Billinge; (2) Nicholson's Well, 56 feet, in shale, Winstanley; (3) Well, 160 feet, in sandstone at Wrightington (auxiliary supply); (4) Supply in bulk from Manchester T.C. (see page 89). The average daily quantity of water available from each source is, respectively, (1) 2,000,000 gallons; (2) 200,000 gallons; (3) 150,000 gallons; (4) 500,000 gallons.

*Works.*—Filtration, 500 gallons per square yard per day. Storage reservoirs:—Arley, 110,000,000 gallons; Worthington, 120,000,000 gallons; Adlington, 10,000,000 gallons; Orrell (four), 75,000,000 gallons. Service reservoir:—Wigan Lane, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,614,307 gallons and 60,277 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (13th December 1913) that the water is satisfactory. Hardness:—total, 7·75°; permanent, 5·5°. No action on lead.



**Wigan Rural District Council.**—Supplies parts of parishes of (1) Parbold, Wrightington (Wigan R.D.), Bispham (West Lancashire R.D.); and (2) Wrightington (Wigan R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock, (1) Lancaster Lane, (2) near Raby Fold. The average daily quantity of water available from each source is, respectively, (1) 21,000 gallons, (2) 15,840 gallons.

*Works.*—Water is filtered. Service reservoirs:—(1) Parbold (two), 60,000 gallons; (2) Wrightington, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—(1) total, 18°; permanent, 2·7°. No action on lead.

**Wight (Isle of) Rural District Council.**—Supplies parts of parishes of (1) Bembridge, (2) Brading, (3) Brighstone and Mottistone, (4) Calbourne, (5) Chale, (6) Niton, St. Lawrence, and Whitwell, (7) Shalfleet and Thorley, (8) Wroxall (Isle of Wight R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs: (1) (a) from Bagshot Sands Home Farm, (b) from Bembridge limestone White Oak; from Upper Greensand, (2) Carpenters, (3) Buddle Hole, (4) Calbourne, (5) Chale Farm, (6) Old Park, Whitwell, and Bierley, (7) Shalcombe, (8) Wroxall. The average daily quantity of water derived from each source is, respectively, (1) (a) 18,000 gallons, (b) not known; (2) 1,200 gallons; (3) 10,000 gallons; (4) 12,000 gallons; (5) 9,200 gallons; (6) 25,700 gallons; (7) 17,500 gallons; (8) 15,600 gallons. A further 30,000 gallons per day could be obtained from (1) (a), 1,000 gallons from (2), 10,000 gallons from (3), 20,000 gallons from (4), 25,000 gallons from (6), 17,000 gallons from (7), and 15,000 gallons from (8).

*Works.*—No filtration. Reservoirs:—(1) Bembridge, (a) 40,000 gallons, (b) 28,000 gallons; (3) Brighstone, 375 gallons; (4) Calbourne, (high level) 70,700 gallons, (low level) 31,000 gallons; (5) Chale, 34,000 gallons; (6) Niton, (high level) 50,000 gallons, (low level) 20,000 gallons; Whitwell, 4,500 gallons; (7) Shalfleet, 24,000 gallons; (8) Wroxall, 17,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—annual chemical examination. Generally hard. No action on lead; (1) (a) contains some iron.

**Wigmore Rural District Council.**—Supplies part of parish of Leintwardine North (Wigmore R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring on Buckton Park Farm. The average daily quantity of water available is 8,400 gallons.

*Works.*—No filtration. Reservoir:—Leintwardine, 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but hard. No action on lead.

**Wigton Urban District Council.**—Supplies Wigton U.D. (part); and parts of parishes of Boltons, Westward, and Woodside (Wigton R.D.).

*Powers.*—Wigton Waterworks Act, 1866.

*Limits.*—Wigton U.D., and parishes of Boltons (part), Westward (part), and Woodside (Wigton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) "Boiling Spring," Boltons; (2) Thornthwaite Spring, Boltons. The average daily quantity of water available from each source is, respectively, (1) 91,200 gallons; (2) 193,110 gallons.

*Works.*—No filtration. Service reservoir:—The Dial, 140,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 165,200 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 11·5°. No action on lead.

**Wigton Rural District Council.**—Supplies parts of parishes of (1) Caldbeck, (2) Low Ireby, (3) Uldale, and (4) Westward (Wigton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) to (4) Springs. Yield not known.

*Works.*—No filtration. Service reservoirs:—Caldbeck, Low Ireby, Uldale, and Westward; capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness and action on lead not known.



**Williton Rural District Council.**—Supplies parts of parishes of (1) Porlock, (2) Stogumber, (3) Williton, (4) Wootton Courtney, and (5) Timberscombe (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Three springs near Porlock; (2) Spring near Stogumber; (3) Spring at Rowden; (4) Spring at Wootton Courtney; (5) Springs near Timberscombe. The average daily quantity of water derived from each source is, respectively, (1) 18,720 gallons; (2) 9,000 gallons; (3) 15,000 gallons; (4) 6,000 gallons; (5) 1,500 gallons. A further 2,500 gallons could be obtained from (2), 4,000 gallons from (3), and 11,000 gallons from (4).

*Works.*—No filtration. Storage reservoirs:—(1) (a) Halscombe, 4,500 gallons, (b) Hawkcombe, 2,960 gallons; (2) Stogumber, 18,000 gallons; (3) Rowden Farm, 10,000 gallons. Service reservoirs:—(3) Williton, 50,000 gallons; (4) Wootton Courtney, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient, except (1) in summer.

*Quality of Water.*—Good. Hardness:—(1) Fairly hard; (2) and (3) 6°; (4) 8°. No action on lead.

**Wilton Town Council.**—Supplies Wilton B. (part).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk, Groveley Wood. The average daily quantity of water obtained is 65,000 gallons.

*Works.*—No filtration. Reservoir:—Groveley Wood, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 65,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—frequent chemical examination. Hardness:—total, 14·14°; permanent, 1·89°. No action on lead.

**Wilton Rural District Council** (*see* Addenda, page 598).

**Wincanton Rural District Council.**—Supplies parts of parishes of (1) Bruton, North Brewham, Pitcombe, South Brewham, (2) Hentstridge, (3) Milborne Port, (4) Penselwood, Stoke Trister, and Wincanton (Wincanton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Collecting trenches near springs at Kingswood Warren, South Brewham; (2) Catchpit or boreholes near Wigswell Spring, Hentstridge; (3) Collecting trenches and borings near spring, Bradley Head, Milborne Port; (4) Collecting trenches near springs at Penselwood. The average daily quantity of water derived from each source is, respectively, (1) 45,000 gallons; (2) 25,000 gallons; (3) 16,000 gallons; (4) 60,000 gallons. A further 15,000 gallons per day could be obtained from (1); 6,000 gallons from (2); and 44,000 gallons from (3).

*Works.*—No filtration. Storage reservoir:—(4) Penselwood, 400,000 gallons. Service reservoirs:—(1) North Brewham, 90,000 gallons; (2) Wigswell, 11,165 gallons; (3) Milborne Wick, 99,000 gallons; (4) Bayford Hill, Wincanton, 330,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Hardness:—(1) 4°; (2) very hard; (3) 20°; (4) very soft. Action on lead not known; (1) contains traces of iron.

**Winchcomb Rural District Council.**—Supplies parts of parishes of (1) Beckford, (2) Bishop's Cleeve, (3) Winchcomb, and (4) Woodmancote (Winchcomb R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) Grafton Hill, Beckford; (2) The Wickfields, Holders Hill; (3) St. Kenelm's Well, Sudeley; (4) Cleeve Hill. The average daily quantity of water available from each source is, respectively, (1) 4,000 gallons; (2) 5,760 gallons; (3) 45,000 gallons; (4) 2,000 gallons.

*Works.*—No filtration. Reservoirs:—(1) Grafton Hill, 10,000 gallons; (2) and (4) Holders Hill, 1,200 gallons; (3) Sudeley, 36,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) Adequate; (2), (3), and (4) inadequate.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Winchester Rural District Council.**—Supplies part of parish of Owslebury (Winchester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Owslebury. The average daily quantity of water obtained is 2,100 gallons, and a further 900 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Three tanks at Owslebury, 42,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent—annual chemical examination. Hardness, 15°. Action on lead not known.



**Wing Rural District Council.**—Supplies part of parish of Wing (Wing R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian bore into Greensand, Wing Hill, Linslade. The average daily quantity of water obtained is 18,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—Filtration, 69 gallons per square yard per day. Reservoir:—Linslade, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory—occasional examination. Hardness:—total 22°; permanent, 7°. No action on lead.

**Winsford Urban District Council.**—Supplies Winsford U.D. (part); and furnishes a supply in bulk to Northwich R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Stretches springs, Little Budworth; (2) Austins springs, Little Budworth; (3) Butts springs, Little Budworth. The average daily quantity of water available from each source is, respectively, (1) 131,130 gallons; (2) 60,750 gallons; (3) 60,750 gallons.

*Works.*—No filtration. Storage reservoirs:—Austins, Little Budworth, 300,000 gallons; Whithy's Lane, Over, 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 220,000 gallons, and 4,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (22nd April 1913) that the water is very good. Hardness:—total, 8·2°; permanent 3·5°. No action on lead.

**Winslow Rural District Council.**—Supplies parishes of (1) Little Horwood (part); and (2) North Marston (Winslow R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface at Shucklow; (2) Schorne Well, near North Marston. The average daily quantity of water available from (1) is 1,500 gallons; yield of (2) not known.

*Works.*—No filtration. Reservoirs:—Little Horwood, 1,500 gallons; North Marston, 3,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Fair. Hardness not known. No action on lead; (2) contains a trace of iron.

**Wirksworth Urban District Council.**—Supplies Wirksworth U.D. (part).

*Powers.*—Wirksworth Water Act, 1801; Wirksworth Order, 1880.

*Limits.*—Wirksworth U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Wirksworth Moor. The average daily quantity of water obtained is 63,000 gallons, and a further 130,368 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Wirksworth Moor, (a) 40,000 gallons, (b) 2,580 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 63,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 4·5°. No action on lead.

**Witham Urban District Council.**—Supplies Witham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well with borings into Chalk, Braintree Road. The average daily quantity of water obtained is 70,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Towers—Collingwood Road, 20,000 gallons; Braintree Road, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (20th May 1913) that the water is almost entirely free from organic matter and that bacteriologically it is excellent. Hardness:—total, 7°; permanent, 1·5°. Iron pipes are used. Water contains chlorine and a trace of iron.

**Witney Urban District Council.**—Supplies Witney U.D. (part); and parts of parishes of Curbridge and Hailey (Witney R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 50 feet, Quarry Ground, Witney. The average daily quantity of water obtained is 58,000 gallons.

*Works.*—No filtration. Storage reservoir:—Burford Road tower, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 58,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks that the water is satisfactory. Hardness:—total, 19·6°; permanent, 14·2°. No action on lead.



**Witney Rural District Council.**—Supplies parts of parishes of (1) Asthall, (2) Bampton, (3) Eynsham, (4) Fulbrook, and (5) Ramsden (Witney R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Ford Wells, Chipping Norton;\* (2) Well near Bampton; (3) Well in gravel, Cassington Road, Eynsham; (4) Spring at Westhall Hill; (5) Upland surface at Mount Skippett. The average daily quantity of water derived from each source is, respectively, (1) not known; (2) 5,000 gallons; (3) 15,000 gallons; (4) 1,200 gallons; (5) 1,000 gallons; and a further 50,000 gallons per day could be obtained from (3).

*Works.*—No filtration. Reservoirs:—(2) Tank at Bampton, 15,000 gallons; (3) Mill Street, Eynsham, 30,000 gallons; (4) Westhall Hill, 6,000 gallons; (5) Mount Skippett, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate, except (5).

*Quality of Water.*—(1) to (4) good, (5) fair—occasional chemical examination. Hardness:—(1) not known; (2) 4.6°; (3) total, 20.3°; permanent, 1.05°; (4) total, 16.24°; permanent, 1.75°; (5) total, 3.5°; permanent, 2.45°. No action on lead.

**Wiveliscombe Urban District Council.**—Supplies Wiveliscombe U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Withycombe; (2) Artesian well in High Street. Yield not known.

*Works.*—No filtration. Storage reservoir:—Withycombe, 600,000 gallons. Service reservoir:—Withycombe, 36,968 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (8th April 1909) that chemically the water is good. Hardness:—total, 20°; permanent, 11°. No action on lead.

**Wivenhoe Urban District Council.**—Supplies Wivenhoe U.D. (part), and part of parish of Elmstead (Tendring R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well with borehole in Chalk, Wivenhoe. The average daily quantity of water obtained is 25,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 9°. No action on lead; saline.

**Wokingham Rural District Council.**—Supplies parts of parishes of (1) Sonning Town; (2) Twyford and Wargrave (Wokingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Boring into Upper Chalk; (2) Well with two borings and headings in chalk. Yield from (1) not known; the average daily quantity of water available from (2) is 79,793 gallons.

*Works.*—No filtration. Service reservoirs:—Sonning, 35,000 gallons; Bowsey Hill, 135,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—(1) total, 19.46°; permanent, 4.97°; (2) total, 23.39°; permanent, 6.63°. No action on lead.

**Wolverhampton Town Council.**—Supplies Wolverhampton C.B.; Coseley U.D. (part); Heath Town or Wednesfield Heath U.D. (part); Sedgley U.D. (part); Short Heath U.D. (part); Tettenhall U.D. (part); Wednesfield U.D. (part); Willenhall U.D. (part); and parts of parishes of Bushbury, Essington (Cannock R.D.); Codsall, Lower Penn, Upper Penn, Wrottesley (Seisdon R.D.); Beckbury, Boningale, Donington, Shifnal (Shifnal R.D.); and Bentley (Walsall R.D.); and furnishes a supply in bulk to Shifnal R.D.C.

*Powers.*—Wolverhampton Improvement Act, 1869; Staffordshire and Worcestershire Canal Act, 1903; Wolverhampton Orders, 1896 and 1911; Wolverhampton Corporation Act, 1908.

*Limits.*—Wolverhampton C.B.; Coseley U.D. (part); Darlaston U.D. (part); Heath Town or Wednesfield Heath U.D.; Sedgley U.D. (part); Short Heath U.D.; Tettenhall U.D.; Wednesfield U.D.; Willenhall U.D.; and parishes of Bushbury, Essington (Cannock R.D.); Codsall, Lower Penn, Upper Penn, Wombourn (part), Wrottesley (Seisdon R.D.); Albrighton, Boningale, Donington (Shifnal R.D.); and Bentley (Walsall R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Worfe, intake at Cosford; (2) Wells and boreholes in Bunter series of New Red Sandstone, Cosford; (3) Wells and boreholes in New Red Sandstone, Tettenhall; (4) Wells and boreholes in sandstone, Goldthorn Hill. The average daily quantity of water derived from each source is, respectively, (1) 712,325 gallons; (2) 2,700,000 gallons; (3) 51,000 gallons;

\* Witney R.D.C.—Source (1) is owned jointly with Chipping Norton R.D.C.



(4) is not used. A further 500,000 gallons per day could be obtained from (1); 150,000 gallons from (2); 1,810,000 gallons from (3); and 100,000 gallons from (4).

*Works*.—Pressure filters at (1) only. Storage reservoirs:—Tettenhall, (a) 10,000,000 gallons, (b) 6,000,000 gallons. Service reservoir:—Goldthorn Hill, 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 3,454,095 gallons, and 9,230 gallons in bulk. Supply is constant.

*Quality of Water*.—Monthly chemical and bacteriological examination. Analyst remarks (28th November 1913) that the water is satisfactory. Hardness:—total, 11·61°; permanent, 6·2°. No action on lead.

**Worcester Town Council**.—Supplies Worcester C.B. (part); and parts of parishes of North Claines (Droitwich R.D.); Worcester St. John Bedwardine County (Martley R.D.); and Kempsey (Upton upon Severn R.D.); and furnishes a supply in bulk to Pershore R.D.C.

*Powers*.—City of Worcester Water, &c., Act, 1823.

*Limits*.—Worcester C.B.

*Sources of Supply (Nature and Sufficiency)*.—River Severn, intake near Worcester. The average daily quantity of water obtained is 1,473,000 gallons.

*Works*.—Filtration, 298 gallons per square yard per day. Service reservoirs:—High Level, Elbury Hill, 250,000 gallons; Low Level, Rainbow Hill, 812,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 1,468,000 gallons, and 5,000 gallons in bulk. Supply is constant.

*Quality of Water*.—Monthly chemical and weekly bacteriological examination. Analyst remarks (December 1913) that the water is fit for drinking. Hardness:—total, 7·4°; permanent, 3·2°. No action on lead.

**Workington Town Council**.—Supplies Workington B.; and furnishes supplies in bulk to Cockermouth U.D.C., who furnish a supply in bulk to Papcastle Water Company, for part of parish of Papcastle (Cockermouth R.D.); Cockermouth R.D.C.; and Harrington and Distington Joint Water Committee, who supply Harrington U.D. (part) and part of parish of Distington (Whitehaven R.D.), and furnish a supply in bulk to Cockermouth R.D.C.

*Powers*.—Cockermouth and Workington Water Act, 1878; Workington Local Board Water Act, 1883; Workington Corporation Act, 1899; Workington Order, 1913.

*Limits*.—Workington B.

*Sources of Supply (Nature and Sufficiency)*.—Crummock Lake (644 acres), with gathering ground 25 square miles over Silurian formation. The average daily quantity of water obtained is 1,570,000 gallons.

*Works*.—No filtration. Service reservoir:—Stainburn, 248,500 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 996,000 gallons and 574,000 gallons in bulk. Supply is constant.

*Quality of Water*.—Pure—occasional chemical examination. Hardness:—total, 1·75°; permanent, 1·25°. No action on lead.

**Worksop Urban District Council**.—Supplies Worksop U.D. (part).

*Powers*.—Worksop Waterworks Acts, 1875 and 1909; Worksop Water Order, 1902; Worksop Urban District Council Act, 1910.

*Limits*.—Worksop U.D.

*Sources of Supply (Nature and Sufficiency)*.—Well and bore-holes in red sandstone, Sunnyside. The average daily quantity of water obtained is 386,739 gallons and a further 250,000 gallons per day could be obtained.

*Works*.—No filtration. Reservoir:—Sunnyside, 775,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 386,739 gallons. Supply is constant.

*Quality of Water*.—Half-yearly chemical and bacteriological examination. Analyst remarks (19th August 1913) that no exception can be taken to the water. Hardness:—total, 15·4°; permanent, 9·8°. No action on lead.

**Worthing Town Council**.—Supplies Worthing B. (part); and part of parish of Durrington (East Preston R.D.).

*Sources of Supply (Nature and Sufficiency)*.—Wells and headings in Chalk, South Downs. The average daily quantity of water obtained is 966,000 gallons, and a further 600,000 gallons per day could be obtained.

*Works*.—No filtration. Service reservoir:—South Downs, 2,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average is 966,000 gallons. Supply is constant.

*Quality of Water*.—Annual chemical and bacteriological examination. Analyst remarks (30th August 1913) that the water is satisfactory. Hardness:—total, 15·3°; permanent, 2°. No action on lead.



**Wortley Rural District Council.**—Supplies part of parish of Bradfield (Wortley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland springs at Crawshaw Head, Hallbroom; (2) Spring near Oughtibridge. The average daily quantity of water available from each source is, respectively, (1) 26,000 gallons; (2) 22,250 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Hallbroom, 10,000 gallons; (2) Cockshutts Lane, 25,000 gallons. Service reservoirs:—(1) (a) Worrall, 18,750 gallons; (b) Holdworth, 9,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—(1) Adequate; (2) fairly adequate.

*Quality of Water.*—Satisfactory—occasional chemical examination. Hardness:—(1), 2°; (2) total, 7°; permanent, 4·5°. Acts slightly on lead and lead pipes are not allowed.

**Yeardsley cum Whaley Urban District Council.**—Supplies Yeardsley cum Whaley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Diglee; (2) Springs at Stone Heads. The minimum daily quantity of water available from each source is, respectively, (1) 166,800 gallons, and (2) 43,200 gallons.

*Works.*—No filtration. Storage reservoirs:—Diglee, 250,000 gallons; Stone Heads, 220,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (10th November 1906) that chemically the water is of the highest degree of purity. Hardness:—total, 9·5°; permanent, 2°. No action on lead.

**Yeovil Town Council.**—Supplies Yeovil B. (part); and parishes of Melbury Bubb (part) (Cerne R.D.); Chetnole (part), Clifton Maybank (part), Ryne Intrinseca (part), Yetminster (part) (Sherborne R.D.); Barwick (part), Preston Plucknett (part), and Yeovil Without (part) (Yeovil R.D.).

*Powers.*—Yeovil Improvement Act, 1870; Yeovil Corporation (Waterworks) Act, 1896; Yeovil Corporation Act, 1898.

*Limits.*—Yeovil B.; and parishes of Melbury Bubb (Cerne R.D.); Bradford Abbas, Chetnole, Clifton Maybank, Ryne Intrinseca, Yetminster (Sherborne R.D.); Barwick, Preston Plucknett, and Yeovil Without (Yeovil R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Spring Pond, Melbury Bubb; (2) Spring at Evershot Tunnel, Melbury Bubb; (3) Spring at Haydon Wood, Melbury Bubb; (4) Spring at Stockwood. The average daily quantity of water available from each source is, respectively, (1) 681,829 gallons; (2) 687,664 gallons; (3) 247,618 gallons; (4) 457,092 gallons.

*Works.*—Filtration, through gravel only. Storage reservoirs:—Summerhouse Hill (a) 268,465 gallons; (b) 999,333 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 455,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (18th June 1909) that the water is good. Hardness, 18·9°. No action on lead.

**Yeovil Rural District Council.**—Supplies parts of parishes of (1) Ash, Martock, (2) Montacute, (3) South Petherton, and (4) Tintinhull (Yeovil R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well tapping spring from Marlstone at Rixon; (2) Springs from Midford Sands at Montacute; (3) Well and borehole in Midford Sands, South Petherton; (4) Spring from Midford Sands in Odcombe. The average daily quantity of water derived from each source is, respectively, (1) 36,000 gallons; (2) 18,000 gallons; (3) 20,000 gallons; (4) not known. A further 12,000 gallons per day could be obtained from (1), 10,000 gallons from (2), and 40,000 gallons from (3).

*Works.*—No filtration. Service reservoirs:—(1) (a) Rixon Common, 55,000 gallons; (b) Bower Hinton, 100,000 gallons; (2) Hillside, Montacute, 18,500 gallons; (3) South Petherton, 66,800 gallons; (4) Tintinhull, 12,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional examination. Analyst remarks (January 1914) that the water is satisfactory. Hardness:—(1) total 25·2°, permanent 10·57°; (2) total 22·1°, permanent 7·98°; (3) total 25·4°, permanent 6·86°; (4) total 18·6°, permanent 8·4°. No action on lead; contains a slight trace of iron.



**Ystradgynlais Rural District Council.**—Supplies parts of parishes of (1) and (2) Ystradgynlais Higher, (3) Ystradgynlais Higher and Ystradgynlais Lower (Ystradgynlais R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Coal Measures at Tonspyddaden; (2) spring from Millstone Grit at Yniswen; (3) spring from Millstone Grit at Garwleisha. The average daily quantity of water available from each source is, respectively, (1) 72,000 gallons; (2) 4,320 gallons; (3) 550,080 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Tonspyddaden, 2,500 gallons; (2) Yniswen, 500 gallons; (3) Garwleisha, 10,000 gallons. Service reservoirs:—(1) Tonspyddaden, 20,000 gallons; (3) Garwleisha, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 7°. No action on lead.



## SECTION II.—JOINT AUTHORITIES.

## A.—Metropolitan Water Board.

**Metropolitan Water Board.**—Supplies the County of London; Acton U.D.; Barking Town U.D. (part); Barnes U.D.; Beckenham U.D. (part); Bexley U.D. (part); Brentford U.D.; Bromley B. (part); Buckhurst Hill U.D.; Carshalton U.D. (part); Chingford U.D. (part); Chislehurst U.D. (part); Chiswick U.D.; Dartford U.D. (part); Ealing B.; East and West Molesey U.D.; East Barnet Valley U.D. (part); East Ham B.; Edmonton U.D. (part); Enfield U.D. (part); Erith U.D.; Esher and the Dittons U.D. (part); Finchley U.D. (part); Foots Cray U.D.; Ham U.D. (part); Hampton U.D.; Hampton Wick U.D. (part); Hanwell U.D.; Hendon U.D. (part); Hertford B. (part); Heston and Isleworth U.D. (part); Hoddesdon U.D. (part); Hornsey B.; Ilford U.D. (part); Kingston on Thames B. (part); Leyton U.D.; Loughton U.D. (part); Merton and Morden U.D. (part); Penge U.D.; Southall Norwood U.D. (part); Southgate U.D. (part); Sunbury on Thames U.D. (part); Surbiton U.D.; Teddington U.D.; The Maldens and Coombe U.D.; Tottenham U.D.; Twickenham U.D. (part); Waltham Holy Cross U.D. (part); Walthamstow U.D.; Wanstead U.D.; West Ham C.B.; Willesden U.D.; Wimbledon B.; Woodford U.D.; Wood Green U.D.; parishes of Chelsfield (part), Cudham (part), Downe (part), Farnborough (part), Hayes (part), Keston (part), Knockholt (part), Mottingham, North Cray (part), Orpington (part), St. Mary Cray, St. Paul's Cray (part), West Wickham (part) (Bromley R.D.); Addington (part), Mitcham (Croydon R.D.); Crayford (part), Darent (part), Eynsford, Farningham, Horton Kirby (part), Southfleet (part), Stone (part), Sutton at Hone (part), Swanscombe (part), Wilmington (part) (Dartford R.D.); Chigwell (part) (Epping R.D.); Cheam (part), Chessington (part), Cuddington (part), Ewell (part) (Epsom R.D.); Tatsfield (part) (Godstone R.D.); Little Amwell (part) (Hertford R.D.); Lambourne (part) (Ongar R.D.); Dagenham (part) (Romford R.D.); Brasted (part), Chevening (part), Halstead (part), Shoreham (part), Sundridge (part), Westerham (part) (Sevenoaks R.D.); Hanworth (part) (Staines R.D.); Broxbourne (part), Great Amwell (part), and Stanstead St. Margaret's (part) (Ware R.D.); and furnishes supplies in bulk to Cheshunt U.D.C. (*see* page 36), Croydon T.C. (*see* page 43), Richmond T.C. (*see* page 116), Herts and Essex Water Company (*see* page 197) and Barnet District Gas and Water Company (*see* page 176).

*In certain districts the word "part" has been inserted because, according to the return furnished by the local authority, some of the houses do not take the Water Board's water. The number of these houses in the case of each district can generally be ascertained from Part II. In other cases, in which the whole district is shown as supplied, there are houses which, although the Water Board's water is available, obtain their supply from private wells or other sources. This is known to be so in the case of several premises in the County of London.*

**Powers.**—*Chelsea Waterworks.*—Chelsea Waterworks Acts, 1852, 1864, 1875, 1887 and 1896. *East London Waterworks.*—East London Waterworks Act, 1853; East London Waterworks Extension of Time Act, 1854; East London Waterworks Act, 1862; East London Waterworks (Thames Supply) Act, 1867; East London Waterworks (Powers) Act, 1867; East London Waterworks Company Act, 1881; East London Waterworks Acts, 1886, 1894, and 1897; East London Waterworks Act, 1900. *Grand Junction Waterworks.*—Grand Junction Waterworks Acts, 1811, 1816, 1819, 1826, 1835, 1844, 1852, 1855, 1856, 1861, 1868, 1873, 1878, 1879, and 1902. *Kent Waterworks.*—Kent Waterworks Acts, 1809, 1862, 1864, 1877, 1888, and 1902; Kent Waterworks Acts Amendment Acts, 1811, 1850; North Kent Waterworks Act, 1860; Dartford Water Act, 1868. *Lambeth Waterworks.*—Lambeth Waterworks Acts, 1848, 1856, 1869, 1871, 1883, 1886, 1896, and 1900. *New River Waterworks.*—New River Company's Charter, 1619, New River Company's Acts, 1803, 1830, 1852, 1854, 1857, 1866, 1879, 1896, and 1897; London Bridge Waterworks Act, 1822; New River Company's (Hertford Sewerage Diversion) Act, 1854. *Southwark and Vauxhall Waterworks.*—Southwark and Vauxhall Water Acts, 1852, 1855, 1864, 1867, 1872, 1884, 1886, 1891, 1894, 1897, and 1898. *West Middlesex Waterworks.*—West Middlesex Waterworks Acts, 1806, 1810, 1813, 1852, 1860, 1866, 1869, 1894, and 1899; *General.*—Metropolis Water Acts, 1852, 1871, 1897, 1899, and 1902; Staines Reservoirs, &c., Act, 1896; Staines Reservoirs Act, 1898. Staines Reservoirs Amendment Act, 1901. Metropolitan Water Board (Charges) Act, 1907; Metropolitan Water Board (Various Powers) Act, 1907; Metropolitan Water Board Acts, 1906 and 1913; Metropolitan Water Board (New Works) Act, 1911; Thames Conservancy Acts, 1894 and 1911; Lee Conservancy Acts, 1738–1900.

**Limits.**—The County of London; Acton U.D.; Barking Town U.D.; Barnes U.D.; Beckenham U.D.; Bexley U.D.; Brentford U.D.; Bromley B.; Buckhurst Hill U.D.; Carshalton U.D. (part); Chingford U.D.; Chislehurst U.D.; Chiswick U.D.; Dartford



U.D.; Ealing B.; East and West Molesey U.D.; East Barnet Valley U.D. (part); East Ham B.; Edmonton U.D.; Enfield U.D.; Erith U.D.; Esher and the Dittons U.D.; Finchley U.D. (part); Fooks Cray U.D.; Ham U.D.; Hampton U.D.; Hampton Wick U.D.; Hanwell U.D.; Hendon U.D. (part); Hertford B. (part); Heston and Isleworth U.D.; Hoddesdon U.D.; Hornsey B.; Ilford U.D.; Kingston on Thames B.; Leyton U.D.; Loughton U.D.; Merton and Morden U.D.; Penge U.D.; Romford U.D.; Southall Norwood U.D. (part); Southgate U.D.; Sunbury on Thames U.D.; Surbiton U.D.; Teddington U.D.; The Maldens and Coombe U.D.; Tottenham U.D.; Twickenham U.D.; Waltham Holy Cross U.D.; Walthamstow U.D.; Wanstead U.D.; West Ham C.B.; Willesden U.D.; Wimbledon B.; Woodford U.D.; Wood Green U.D.; parishes of Chelsfield, Cudham, Downe, Farnborough, Hayes, Keston, Knockholt, Mottingham, North Cray, Orpington, St. Mary Cray, St. Paul's Cray, West Wickham (Bromley R.D.); Addington, Mitcham (Croydon R.D.); Crayford, Darenth, Eynsford, Farningham, Horton Kirby, Lullingstone, Southfleet, Stone, Sutton at Hone, Swancombe, Wilmington (Dartford R.D.); Chigwell (Epping R.D.); Cheam (part), Chessington, Cuddington (part), Ewell (part) (Epsom R.D.); Tatsfield (part) (Godstone R.D.); Little Amwell, St. John Rural (Hertford R.D.); Lambourne (Ongar R.D.); Dagenham (Romford R.D.); Brasted (part), Chevening (part), Halstead, Shoreham, Sundridge (part), Westerham (Sevenoaks R.D.); Hanworth (Staines R.D.); Broxbourne, Great Amwell, Hoddesdon Rural, Stanstead St. Margaret's, Ware Rural, and Wormley (Ware R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) RIVERS:—(a) Thames, intakes at Sunbury, West Molesey (three), Ditton (two), Hampton (five), Walton and Staines (three); (b) Lee, intakes at Hertford, Enfield, and Chingford. (2) WELLS AND SPRINGS:—(a) *Eastern District*.—Wells in Chalk at Chingford; Barking; Ferry Lane, Tottenham; Old Ford; Ponders End; Rammey Marsh, Waltham Cross; Waltham Abbey; Lea Bridge, Clapton (two); Walthamstow; Wanstead (Ilford); (b) *New River District*.—(i) Wells in Chalk at Alma Road, Ponders End; Amwell End; Amwell Hill; Amwell Marsh; New Southgate; Hertford Road, Ware; Broxbourne; Cross Lane, Hornsey; Winchmore Hill; Hoddesdon; Goat Lane, Enfield; Park Lane, Tottenham (two); Rye Common, St. Margaret's, Herts; Turnford (Wormley); Whitewebbs Road, Enfield; Hadley Road, Enfield; and (ii) spring at Chadwell; (c) *Kent District*.—Wells in Chalk at Crayford (three); Darenth; Dartford; Deptford (three); Farnborough (two); Green Street Green; Plumstead; Beckenham (Shortlands) (two); Southfleet; Bexley (Wansant); West Wickham; Wilmington (two); and in Upper Greensand at Westerham Hill (Tatsfield); and Westerham; (d) *Southern District*.—Wells in Chalk at Peckham Rye (Honor Oak), Merton, Thornton Heath (Selhurst) and Streatham. (3) MISCELLANEOUS.—(a) Gravel beds at Hanworth Road, Sunbury Common; Molesey; and Hampton; (b) Ponds at Hampstead and Highgate. The average daily quantity of water derived from each source was in the year 1913-14, respectively, (1) (a) 141,006,403 gallons, (b) 64,633,400 gallons; (2) (a) 8,070,300 gallons, (b) 12,257,600 gallons, (c) 21,045,700 gallons, (d) 1,404,500 gallons; (3) (a) 3,784,917 gallons, (b) 118,400 gallons. A further 88,993,597 gallons per day could be obtained from (1) (a)† 19,672,100 gallons from (2) (a) and (b), 6,454,300 gallons from (2) (c), and 5,595,500 gallons from (2) (d).

*Works.*—Filtration (except deep well water pumped direct to supply) at average monthly rates which varied in 1913-14 from 185.76 gallons to 490.32 gallons per square yard per day. Storage reservoirs:—*Eastern District*.—Banbury, 650,000,000 gallons; Lockwood, 548,000,000 gallons; High Maynard, 150,000,000 gallons; Low Maynard, 62,000,000 gallons; Walthamstow, (a) 45,000,000 gallons, (b) 31,000,000 gallons, (c) 25,000,000 gallons, (d) 130,000,000 gallons, (e) 170,000,000 gallons; Racecourse, 270,000,000 gallons; Warwick East, 210,000,000 gallons; Warwick West, 177,000,000 gallons; Sunbury (Hanworth Road), 5,000,000 gallons; King George's Chingford, 3,073,000,000 gallons; *New River District*.—Hornsey (two), 8,500,000 gallons; Stoke Newington (two), 90,000,000 gallons; New River Head, 700,000 gallons; Kempton Park (two), 300,000,000 gallons; *Southern District*.—Ditton (two), 3,000,000 gallons; Knight or Western, 480,000,000 gallons; Bessborough or Eastern, 718,000,000 gallons; Stain Hill (East), 148,000,000 gallons; Stain Hill (West), 156,600,000 gallons; Sunnyside, 85,400,000 gallons; Island Barn, 922,000,000 gallons; *Western District*.—Molesey (eight), 655,500,000 gallons; Hampton, 45,000,000 gallons; Kew Bridge Upper, 8,500,000 gallons; Kew Bridge Lower, 5,000,000 gallons; Barnes, (a) 57,000,000 gallons, (b) 18,750,000 gallons, (c) 24,000,000 gallons; Barn Elms (four), 297,750,000 gallons; Staines (North), 1,584,000,000 gallons; Staines (South), 1,754,000,000 gallons; Hampton Balancing Reservoir, 5,000,000 gallons. Service reservoirs:—*Eastern District*.—Woodford (three), 10,000,000

\* The Eastern and New River Districts have now been amalgamated to form the Northern District.

† The Board have statutory authority to take an additional 70,000,000 gallons daily from this source so soon as power is obtained to construct a storage reservoir or storage reservoirs additional to those already authorised.



gallons; High Beech, 2,500,000 gallons; Buckhurst Hill, 800,000 gallons; Finsbury Park or Hornsey Wood, 5,000,000 gallons; Sunbury (Hanworth Road) (two), 2,500,000 gallons: *Kent District*.—Chislehurst, 450,000 gallons; Constitution Hill, 300,000 gallons; Dartford Brent, 370,000 gallons; Deptford (two), 1,750,000 gallons; Eltham, 3,000,000 gallons; Farnborough, 1,400,000 gallons; Greenwich Park, 1,125,000 gallons; Knockholt, 500,000 gallons; New Cross, 1,750,000 gallons; Plumstead, 200,000 gallons; Plumstead Common, 650,000 gallons; Southfleet, 1,000,000 gallons; Sundridge Park, Bickley, 1,500,000 gallons; West Wickham, 250,000 gallons; Westerham Hill, 68,000 gallons; Westerham, 60,000 gallons; Woolwich Common, 1,500,000 gallons; Shooter's Hill Tower, 202,000 gallons: *New River District*.—Bourne Hill, 1,500,000 gallons; Claremont Square, 3,500,000 gallons; Cricklewood, Balancing Reservoirs (two), 2,000,000 gallons; Crouch Hill (two), 12,000,000 gallons; Downhills Tower, 60,000 gallons; Fortis Green (two), 10,000,000 gallons; Haileybury Tank, 96,000 gallons; Hampstead Heath (two), 1,500,000 gallons; Highgate, 1,000,000 gallons; Holtwhite's Hill (two) and a tower, 1,774,000 gallons; Hornsey Lane, 3,000,000 gallons; Maiden Lane (two), 15,000,000 gallons; Southgate, 1,000,000 gallons: *Southern District*.—Battersea, 3,000,000 gallons; Brixton (two), 12,000,000 gallons; Coombe, 1,150,000 gallons; Crystal Palace Tank, 210,000 gallons; Forest Hill (two), 1,000,000 gallons; Honor Oak (four), 56,322,000 gallons; Norwood, 5,000,000 gallons; Nunhead (four), 18,000,000 gallons; Rock Hill, 615,000 gallons; Selhurst, 2,500,000 gallons; Streatham Hill (two), 7,500,000 gallons: *Western District*.—Barrow Hill, 4,750,000 gallons; Campden Hill (three), 18,000,000 gallons; Ealing (two), 53,000,000 gallons; Hampton, 2,500,000 gallons; Kew Bridge (two), 2,500,000 gallons; Kidderpore, 2,500,000 gallons; Putney Heath (five), 22,000,000 gallons; Shoot-up Hill, 6,000,000 gallons; Willesden, 2,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied*.—The daily average was 242,515,300 gallons and 1,823,600 gallons in bulk, during the year ended 31st March 1914. Supply is constant except in The Maldens (The Maldens and Coombe U.D.) and Long Ditton (Esher and The Dittons U.D.)

*Quality of Water*.—Daily chemical and bacteriological examination. Kent and Lee Valley well waters are very pure chemically and bacteriologically; Thames and Lee filtered waters are efficiently purified, free from brown colouration, and contain moderate amounts of organic matter. Bacteriologically, over 75 per cent. of the samples examined contain no *B. coli*, even in 100 c.c. of water. The results of the chemical and bacteriological examination of the London waters are published in the monthly reports of the Government Water Examiner (Metropolitan Water Supply), and in the Annual Reports of (a) the Director of Water Examination, Metropolitan Water Board, (b) the Metropolitan Water Board and (c) the Local Government Board. Hardness (filtered waters):—Thames:—total, 15.6°; permanent, 4.6°. East London (Lee):—total, 17.3°; permanent, 5.3°. New River (Lee and wells):—total, 16.6°; permanent, 3.8°. Kent (wells):—total, 21.8°; permanent, 5.9°. No action on lead.

## B.—Other Joint Authorities.

**Abertillery and District Water Board.**—Does not yet furnish any supply.

*Powers*.—Abertillery and District Water Board Act, 1910.

*Limits*.—Abercarn U.D.; Abertillery U.D.; Mynyddislwyn U.D. (part); Risca U.D.

*Works*.—In course of construction.

**Accrington District Gas and Water Board.**—Supplies Accrington B. (part); Church U.D. (part); Clayton le Moors U.D. Great Harwood U.D. (part); Haslingden B. (part); Rishton U.D. (part); parts of parishes of Altham, Huncoat (Burnley R.D.); and furnishes a supply in bulk to Burnley R.D.C.

*Powers*.—Accrington Gas and Waterworks Company's Acts, 1854, 1863, 1869, and 1893; Accrington District Gas and Water Board Acts, 1894, 1905, and 1906; Accrington District Gas and Water Order, 1911.

*Limits*.—Accrington B.; Church U.D.; Clayton le Moors U.D.; Great Harwood U.D.; Haslingden B. (part); Rishton U.D.; parishes of Altham, Huncoat (Burnley R.D.).

*Sources of Supply (Nature and Sufficiency)*.—(1) Upland surface, 460 acres, with springs from sandstone above Mitchell's Reservoirs, Accrington; (2) Upland surface, 250 acres, with springs from sandstone, above Burnley Road Reservoir, Huncoat, Accrington; (3) Well, 160 feet, in grit, Altham, Accrington; (4) Upland surface, 540 acres, with springs from sandstone, above Dean Clough Reservoir, Great Harwood. The average daily quantity of water derived from each source is, respectively, (1) 379,400 gallons, (2) 321,900 gallons, (3) 356,700 gallons, (4) 1,055,000 gallons, and a further 700,000 gallons per day could be obtained from (3).



*Works.*—Water from (1) and (4) is filtered. Storage reservoirs:—Mitchell's, (a) 114,000,000 gallons, (b) 70,000,000 gallons; Burnley Road, 22,400,000 gallons; Dean Clough, 212,000,000 gallons. Service reservoir:—Smalley Thorn, Great Harwood, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,100,000 gallons, and 13,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—(1), (2) and (4) 6°; (3) 21°. No action on lead.

**Ashton under Lyne, Stalybridge and Dukinfield (District) Waterworks Joint Committee.**—Supplies Ashton under Lyne B.; Audenshaw U.D.; Dukinfield B.; Hurst U.D.; Mossley B. (part); Saddleworth U.D. (part); Springhead U.D. (part); Stalybridge B.; parishes of Alt (part), Bardsley, Hartshead (part), Little Moss, Waterloo, Woodhouses (Limehurst R.D.).

*Powers.*—Ashton under Lyne, Stalybridge and Dukinfield (District) Waterworks Acts, 1870, 1875, 1885, 1892, and 1907; Ashton under Lyne Order, 1882; Ashton under Lyne, Dukinfield and Hurst Order, 1883; Audenshaw Urban District Council Act, 1908.

*Limits.*—Ashton under Lyne B.; Audenshaw U.D.; Dukinfield B.; Hurst U.D.; Mossley B.; Saddleworth U.D. (part); Springhead U.D. (part); Stalybridge B.; parishes of Alt (part), Bardsley, Hartshead, Little Moss, Waterloo, Woodhouses (Limehurst R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Upland surface, 1,170 acres, (b) Springs from Millstone Grit, (c) Greenfield Brook intake at junction of Birchin Clough and Holme Clough near Rochdale; (2) (a) Upland surface, 1,730 acres, (b) Springs from Millstone Grit, (c) Chew Brook intake at Chew Clough and Small Clough, in Mottram in Longdendale; (3) (a) Upland surface, 1,300 acres, (b) Springs from Millstone Grit, (c) Swineshaw Brook, intake at Swineshaw Moor, in Mottram in Longdendale. The average daily quantity of water derived from each source is, respectively, (1) 1,484,600 gallons, (2) works in course of construction, (3) 1,416,000 gallons. A further 416,021 gallons per day could be obtained from (1) and 1,911,094 gallons from (2).

*Works.*—Pressure filters. Storage reservoirs:—Brushes, 52,165,000 gallons; Lower Swineshaw, 55,500,000 gallons; Higher Swineshaw, 168,908,000 gallons; Yeoman Hey, 205,596,000 gallons; Greenfield, 101,686,000 gallons. Service reservoirs:—Knott Hill, 64,000,000 gallons; Dukinfield, 33,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,900,000 gallons. Supply is constant.

*Quality of Water.*—Bi-monthly chemical and quarterly bacteriological examination. Analyst remarks (23rd December 1913), that the water is excellent. Hardness, 3·5°. Acts on lead, and is treated with carbonate of lime.

**Aspatia, Silloth and District Joint Water Board.**—Supplies Aspatia U.D. (part); parts of parishes of Plumbland (Cockermouth R.D.), Allhallows, Blennerhasset and Kirkland, Boltons, Low Ireby, Westnewton (Wigton R.D.); and furnishes supplies in bulk to Holme Cultram U.D.C., Cockermouth R.D.C., and Wigton R.D.C.

*Powers.*—Aspatia, Silloth and District Water Act, 1901; Aspatia, Silloth and District Order, 1908.

*Limits.*—Aspatia U.D.; Holme Cultram U.D.; parishes of Allhallows, Allonby, Blencogo, Blennerhasset and Kirkland, Bromfield, Dundraw, Hayton and Mealo, Llangrigg and Mealrigg, Westnewton (Wigton R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Ellen, intake at Chapelhouse. Yield not known.

*Works.*—Mechanical filters. Storage reservoir:—Chapelhouse, 22,000,000 gallons. Service reservoir:—Quarry Hill, 750,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 372,000 gallons, and 30,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—occasional chemical examination. Hardness:—total, 2·75°; permanent, 1·5°.

**Axbridge Rural and Highbridge Urban District Councils.**—Supply Highbridge U.D.; parishes of Axbridge, Charterhouse (part), Cheddar (part), and Compton Bishop (part) (Axbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Charterhouse and Cheddar. The average daily quantity of water obtained is 160,000 gallons.

*Works.*—No filtration. Service reservoirs:—Cheddar, 90,000 gallons; Brent Knoll, Highbridge, 180,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 160,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—periodical chemical and occasional bacteriological examination. Hardness not known. No action on lead.

**Biggleswade Water Board.**—Supplies Biggleswade U.D. (part); and furnishes supplies in bulk to Kempston U.D.C., who also supply part of parish of Eastcotts (Bedford R.D.) through S. Whitbread, Esq.; Bedford R.D.C., and Biggleswade R.D.C.

*Powers.*—Biggleswade Water Act, 1901.

*Limits.*—Biggleswade U.D.; parishes of Arlesey, Astwick, Blunham, Campton, Chicksands Priory, Clifton, Cockayne Hatley, Dunton, Edworth, Everton, Eyworth, Henlow, Langford, Meppershall, Moggerhanger, Northill, Old Warden, Potton, Sandy, Shefford, Shefford Hardwick, Southill, Stotfold, Sutton, Tempsford, Upper Standon, Wrestlingworth (Biggleswade R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well (176 feet) in Lower Greensand, Great North Road,  $2\frac{1}{2}$  miles from Biggleswade. The average daily quantity of water available is 1,800,000 gallons.

*Works.*—Pressure filters. Service reservoirs:—Toplers Hill, 1,500,000 gallons; Moxhill tank, Northill, 30,000 gallons; Old Warden tank, 12,000 gallons; Ireland tank, Southill, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 185,945 gallons, and 84,509 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and occasional bacteriological examination. Analyst remarks (5th September 1913), that chemically the water is quite free from organic matter, and bacteriologically (9th October 1912), it is good. Hardness:—total,  $18\cdot8^{\circ}$ ; permanent,  $1\cdot8^{\circ}$ . No action on lead.

**Bury and District Joint Water Board.**—Supplies Bury C.B. (part); Haslingden B. (part); Little Lever U.D.; Prestwich U.D. (part); Radcliffe U.D. (part); Ramsbottom U.D. (part); Rawtenstall B. (part); Tottington U.D. (part); Whitefield U.D. (part); parts of parishes of Dunnockshaw (Burnley R.D.); Outwood, Unsworth, Walmersley cum Shuttleworth (Bury R.D.).

*Powers.*—Bury Waterworks Act, 1846; Bury and Radcliffe Waterworks Act, 1853; Bury and Radcliffe Waterworks Amendment Act, 1858; Haslingden and Rawtenstall Waterworks Acts, 1853 and 1864; Bury Improvement Acts, 1872 and 1885; Bury Corporation Waterworks Act, 1889; Bury Corporation Act, 1894; Bury Corporation Water Act, 1899; Bury and District Water (Transfer) Act, 1900; Bury and District Joint Water Board Acts, 1903 and 1908; Bacup and Bury and District Joint Water Board Order, 1913.

*Limits.*—Bury C.B.; Haslingden B.; Little Lever U.D.; Prestwich U.D.; Radcliffe U.D.; Ramsbottom U.D.; Rawtenstall B. (part); Tottington U.D. (part); Whitefield U.D.; parishes of Dunnockshaw, Hapton (Burnley R.D.); Ainsworth (part), Outwood, Unsworth (part), Walmersley cum Shuttleworth (Bury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, 2,185 acres, Haslingden Grane; (2) Gathering ground, 2,036 acres, Clow Bridge, near Burnley, and Lumb in Water, near Waterfoot; (3) Gathering ground, 244 acres, Edenfield, near Bury; (4) Gathering ground, 163 acres, Walmersley, near Bury; (5) Gathering ground, 200 acres, Shuttleworth, near Bury. The average daily quantity of water available from each source is, respectively, (1) 2,663,000 gallons; (2) 2,518,000 gallons; (3) 380,000 gallons; (4) 180,000 gallons; (5) 221,000 gallons.

*Works.*—Filtration at (2) only, 300 gallons per square yard per day. Storage reservoirs:—Haslingden Grane, Ogden, 330,000,000 gallons; Calf Hey, 133,500,000 gallons; Holden Wood, 80,700,000 gallons; Clow Bridge, 323,000,000 gallons; Lumb in Water, Clough Bottom, 192,000,000 gallons; Edenfield, Scout Moor, 47,750,000 gallons; Walmersley, Gin Hall, 38,000,000 gallons; Shuttleworth, Harden Clough, 12,760,000 gallons; Cross Bank, 3,350,000 gallons. Service reservoir:—Whitefield, Clarke's Hill, 7,350,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,500,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (March 1911), that the water is very good. Hardness:—total,  $4\cdot5^{\circ}$ ; permanent,  $4\cdot0^{\circ}$ . No action on lead.

**Cheltenham and Cirencester Rural District Councils.**—Supply parts of parishes of Cowley, Great Witcombe (Cheltenham R.D.); Brimpsfield (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Ridge well with upland surfaces, Birdlip. The average daily quantity of water obtained is 550 gallons.



*Works.*—No filtration. Storage reservoirs:—Brimpsfield (a) 48,000 gallons, (b) 30,000 gallons. Service reservoirs:—Four tanks, 900 gallons each. Pressure is insufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (2nd November 1911) that chemically it is a safe spring water. Hardness, 9°. No action on lead; contains a slight trace of iron.

**Chesterfield Gas and Water Board.**—Supplies Brampton and Walton U.D. (part); Chesterfield B.; Whittington and Newbold U.D. (part); and parishes of Brimington (part), Calow (part), Hasland, Tapton (part), Wingerworth (part) (Chesterfield R.D.).

*Powers.*—Chesterfield Waterworks and Gaslight Company's Acts, 1855, 1871, and 1876; Chesterfield Waterworks and Gaslight Company's Extension Act, 1865; Chesterfield Gas and Water Board Acts, 1895, 1904, and 1911; Chesterfield Gas and Water Board Order, 1900; Chesterfield Borough (Extension) Order, 1910.

*Limits.*—Brampton and Walton U.D.; Chesterfield B.; Whittington and Newbold U.D.; parishes of Brimington, Hasland, Tapton (Chesterfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, 1,333 acres, Linares; (2) Spring from Lower Coal Measures, Holymoorside; (3) Spring from Lower Coal Measures, Walton; (4) Borehole in Lower Coal Measures, Linares. The average daily quantity of water derived from each source is, respectively, (1) 920,000 gallons; (2) 190,000 gallons; (3) not known; (4) 83,000 gallons.

*Works.*—Filtration, 580 gallons per square yard per day. Storage reservoirs:—Linares, Upper 126,300,000 gallons, Middle 90,446,000 gallons, Lower 31,000,000 gallons; Walton, 558,180 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,200,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 8.57°; permanent, 8.29°. Slight action on lead, but water is tested periodically.

**Conway and Colwyn Bay Joint Water Supply Board.**—Furnishes supplies in bulk to Conway T.C., Colwyn Bay and Colwyn U.D.C., and Conway R.D.C.

*Powers.*—Conway and Colwyn Bay Joint Water Supply Orders, 1891, 1896, and 1898; Conway and Colwyn Bay Joint Water Supply Board Act, 1908.

*Limits.*—Colwyn Bay and Colwyn U.D.; Conway B.; parishes of Llangwstenin, Llansaintffraid Glan Conway, Llysfaen, Penrhyn (Conway R.D.).

*Sources of Supply (Nature and Sufficiency).*—Lake Cowlyd, 4 miles from Llanrwst, near Capel Curig. The average daily quantity of water obtained is 1,447,500 gallons; and a further 1,000,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,446,300 gallons. Supply is constant.

*Quality of Water.*—Excellent. Very soft, but no action on lead.

**Cwmtwrch Joint Water Committee.**—Supplies parts of parishes of Llangiwg (Pontardawe R.D.); and Ystradgynlais Lower (Ystradgynlais R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone in Pennant formation. The daily average quantity of water obtained is 65,000 gallons.

*Works.*—No filtration. Service reservoir:—Cwmtwrch, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Fairly adequate.

*Quality of Water.*—Good. Hardness, 6°. No action on lead; contains some iron.

**Deal and Walmer Joint Water Board.**—Furnishes supplies in bulk to Deal T.C., (who also supply parts of parishes of Great Mongeham and Sholden (Eastry R.D.)); and Walmer U.D.C. (who also supply part of parish of Ripple (Eastry R.D.)).

*Powers.*—Deal and Walmer Water Act, 1897.

*Limits.*—To furnish supplies in bulk to Deal T.C. and Walmer U.D.C.; also for the parishes of Ringwould (Dover R.D.); Great Mongeham, Ripple, and Sholden (Eastry R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and adits in Chalk, Waterworks Road, Deal. The average daily quantity of water obtained is 523,126 gallons, and a further 150,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Waterworks Road, Deal, 750,000 gallons; Dover Road, Ripple, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 523,126 gallons. Supply is constant.



*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (26th July 1913) that the water is of a high degree of organic and bacterial purity. Hardness:—total, 17·1°; permanent, 2·8°. No action on lead.

**Derwent Valley Water Board.**—Furnishes supplies in bulk to Derby T.C. (see page 45); Leicester T.C. (see page 76); Nottingham T.C. (see page 102); Sheffield T.C. (see page 128); Ripley U.D.C. (see page 117); and Chapel en le Frith R.D.C.

*Powers.*—Derwent Valley Water Acts, 1899, 1901, 1904, 1909, and 1912; Sheffield Corporation Act, 1903.

*Limits.*—To furnish supplies in bulk to Derby T.C.; Leicester T.C.; Nottingham T.C.; Sheffield T.C.; and local authorities in the counties of Derby and Nottingham.

*Sources of Supply (Nature and Sufficiency).*—River Derwent, with upland surface, 13,220 acres, High Peak, Derbyshire and Yorkshire. Yield not known.

*Works.*—Water is filtered, except that supplied to Sheffield T.C. Storage reservoirs:—Howden, 2,050,000,000 gallons; Derwent, 2,000,000,000 gallons (construction nearly complete). Service reservoir:—Ambergate, 25,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 10,090,000 gallons. Supply is constant.

*Quality of Water.*—Organically pure. Hardness:—total, 2·3°; permanent, 2·3°. Very slight action on lead.

**Dewsbury and Heckmondwike Waterworks Board.**—Furnishes supplies in bulk to Batley T.C. (see page 13), Dewsbury T.C., Flockton U.D.C. (who also supply in bulk to Whitley Upper U.D.C.); Heckmondwike U.D.C.; Skelmanthorpe U.D.C. (who also supply part of Clayton West U.D.); and Ossett T.C. (who also supply part of parish of Alvethorpe (Wakefield R.D.)).

*Powers.*—Dewsbury and Heckmondwike Waterworks Act, 1876; Heckmondwike Order, 1882; Dewsbury and Heckmondwike Orders, 1886 and 1887; Dewsbury Water Acts, 1890 and 1896; Dewsbury Order, 1898.

*Limits.*—Dewsbury C.B. (part); Heckmondwike U.D.

*Sources of Supply (Nature and Sufficiency).*—Upland gathering grounds, (1) 1,300 acres, Penistone, Dunford Bridge; (2) 702 acres, Upper and Lower Windledon; (3) 277 acres, Harden; (4) 209 acres, Snailsden; and the Don and Dearden streams at Dunford Bridge, Penistone. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Dunford Bridge, 245,849,487 gallons; Upper Windledon, 137,794,740 gallons; Lower Windledon, 82,765,587 gallons; Harden, 80,594,101 gallons; Snailsden, 43,210,503 gallons. Service reservoirs\*:—Broadstone, 80,822,173 gallons; Whitley, 45,009,767 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,400,159 gallons. Supply is constant.

*Quality of Water.*—Bi-monthly chemical and occasional bacteriological examination. Analyst remarks (2nd January 1913) that the water is of high organic purity. Hardness:—total, 2·8°; permanent, 2·3°. Acts on lead, but is treated with chalk.

**Evesham and Pebworth Rural District Councils.**—Supply parts of parishes of Bretforton, Church Honeybourne, Cleeve Prior, North and Middle Littleton, Sedgeberrow, South Littleton (Evesham R.D.); Aston Somerville, Cow Honeybourne, Hinton on the Green, Pebworth (Pebworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Broadway and Buckland. The average daily quantity of water obtained is 35,000 gallons, and a further 90,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Broadway and Buckland, 51,000 gallons; Church Honeybourne, 20,000 gallons. North Littleton, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and bi-monthly bacteriological examination. Analyst remarks (23rd August 1913) that the water is good. Hardness:—total, 12·3°; permanent, 3·2°. No action on lead.

**Fylde Water Board.**—Supplies (1) Bispham with Norbreck U.D.; Blackpool C.B.; Fleetwood U.D.; Kirkham U.D.; Lytham U.D.; Poulton le Fylde U.D. (part); Preesall U.D. (part); St. Annes on the Sea U.D.; Thornton U.D. (part); parishes of Bryning with Kellamergh (part), Carleton (part), Clifton with Salwick (part), Elswick (part), Freckleton (part), Greenhalgh with Thistleton (part), Hardhorn with Newton (part),

\* Four additional reservoirs are utilised in connection with the Board's supplies, but are owned by local authorities, viz., Dewsbury T.C. (Boothroyd, 1,751,250 gallons; Staincliffe, Old, 2,000,000 gallons); and Heckmondwike U.D.C. (Staincliffe, New (a) 1,000,000 gallons, (b) 1,000,000 gallons).



Little Eccleston with Larbreck (part), Marton (part), Medlar with Wesham (part), Newton with Scales (part), Ribby with Wrea (part), Singleton (part), Treales Roseacre and Wharles (part), Warton (part), Weeton with Preese (part), Westby with Plumpton (part) (Fylde R.D.); Barnacre with Bonds (part), Cabus (part), Catterall (part), Claughton (part), Garstang, Great Eccleston (part), Hambleton (part), Inskip with Sowerby, Kirkland, Myerscough (part), Nateby (part), Out Rawcliffe (part), Pilling (part), Stalmine with Staynall (part), Upper Rawcliffe with Tarnacre (part) (Garstang R.D.). (2) Easington (part) (Bowland R.D.).

*Powers.*—Fylde Waterworks (Transfer) Act, 1897; Fylde Water Board Acts, 1899, 1910 and 1912; Fylde Orders, 1904 and 1905.

*Limits.*—Bispham with Norbreck U.D.; Blackpool C.B.; Fleetwood U.D.; Kirkham U.D.; Lytham U.D.; Poulton le Fylde U.D.; Preesall U.D.; St. Annes on the Sea U.D.; Thornton U.D.; parishes of Bowland Forest High, Bowland Forest Low, Easington, Newton, Slaidburn, (Bowland R.D.), Bryning with Kellamergh, Carleton, Clifton with Salwick, Elswick, Freckleton, Greenhalgh with Thistleton, Hardhorn with Newton, Little Eccleston with Larbreck, Marton, Medlar with Wesham, Newton with Scales, Ribby with Wrea, Singleton, Treales Roseacres and Wharles, Warton, Weeton with Preese, Westby with Plumpton (Fylde R.D.); Barnacre with Bonds, Bilborough, Cabus, Catterall, Claughton, Clevely, Forton, Garstang, Great Eccleston, Hambleton, Holleth, Inskip with Sowerby, Kirkland, Myerscough, Nateby, Nether Wyersdale, Out Rawcliffe, Pilling, Stalmine with Staynall, Upper Rawcliffe with Tarnacre, Winmarleigh (Garstang R.D.); Cockerham (Lancaster R.D.); Goosnargh, Lea Ashton Ingol and Cottam, Whittingham, and Woodplumpton (Preston R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Grizedale Brook, with drainage area 1,083 acres, intake at Grizedale Fell, Bleasdale; (b) River Calder, with drainage area of 2,000 acres, intake at Luddock's Fell, Bleasdale. (2) Spring at Easington. The average daily quantity of water obtained from (1) is 4,500,000 gallons; yield of (2) not known.

*Works.*—No filtration. Storage reservoirs:—Grizedale, 80,000,000 gallons; North and South Barnacre, 156,000,000 gallons. Service reservoir:—Weeton, 16,000,000 gallons. Eak Hill Wood, Easington, 2,600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average from (1) is 4,230,000 gallons. Supply is constant. (2) ample.

*Quality of Water.*—(1) Annual chemical and bacteriological examination. Analyst remarks (16th July 1913) that the water is good. Hardness:—3°. Water from source (2) acts slightly on lead but tinned lead and galvanised iron pipes are used.

**Harrington and Distington Joint Water Committee.**—See Workington T.C., page 160.

**Helmsley and Kirkby Moorside Rural District Councils.**—Supply (1) parishes of Beadlam, Harome, Pockley (Helmsley R.D.); Nawton, Skiplam (part), Wombledon (part) (Kirkby Moorside R.D.); (2) East Newton and Laysthorpe, Stonegrave (Helmsley R.D.); Nunnington (part) (Kirkby Moorside R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from freestone or limestone, on moorland at Piethorn; (2) Springs from freestone or limestone at Grimston. The average daily quantity of water derived from each source is, respectively, (1) 56,000 gallons, (2) 25,000 gallons, and a further 20,000 gallons per day could be obtained from (1) and 20,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—(1) Pockley, 40,000 gallons; (2) Grimston, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Soft, but no action on lead.

**Heywood and Middleton Water Board.**—Supplies Chadderton U.D. (part), Heywood B. (part), Middleton B. (part), Norden U.D. (part), Prestwich U.D. (part), Rochdale C.B. (part); parishes of Birtle cum Bamford (part), and Unsworth (part), (Bury R.D.).

*Powers.*—Heywood Waterworks Amendment Acts, 1855 and 1866; Heywood Improvement Act, 1867; Heywood Waterworks Act, 1877; Heywood Corporation Acts, 1883 and 1889; Heywood Order, 1888; Heywood Waterworks (Transfer) Act, 1898; Heywood and Middleton Water Board Acts, 1901 and 1907.

*Limits.*—Bacup B. (part); Chadderton U.D. (part); Heywood B.; Middleton B.; Norden U.D. (part); Rochdale C.B. (part); Whitworth U.D. (part); parishes of Birtle cum Bamford (part), Unsworth (part), and Walmersley cum Shuttleworth (part) (Bury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Naden Brook and gathering ground, (2) Cheesden Brook and Ashworth Moor gathering ground, 935 acres, Norden, near Rochdale. The average daily quantity of water derived from each source is, respectively, (1) 885,000 gallons, (2) 815,000 gallons.



*Works.*—Filtration, 400 gallons per square yard per day, and pressure filters. Storage reservoirs:—Ashworth Moor, 350,000,000 gallons; Naden Higher, 80,000,000 gallons; Naden Middle, 152,000,000 gallons; Naden Lower, 38,000,000 gallons; Clay Lane, 75,000,000 gallons. Service reservoirs:—Norden, 50,000 gallons; Clay Lane, 5,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,700,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (24th December 1913) that the water is excellent. Hardness:—total, 3.0°; permanent, 2.64°. Acts on lead, and is treated with carbonate of lime and free lime.

**Higham Ferrers and Rushden Water Board.**—Supplies Higham Ferrers B. (part), and Rushden U.D. (part); and furnishes supplies in bulk to Bedford R.D.C. and Wellingborough R.D.C.

*Powers.*—Higham Ferrers Water Act, 1900; Higham Ferrers and Rushden Water Board Act, 1902.

*Limits.*—Higham Ferrers B.; Rushden U.D.; and parish of Wymington (Bedford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surfaces, 1,747 acres, over Upper and Lower Estuarine Clays and the Northampton Sand overlying the Upper Lias Clay, and two small streams at Sywell; (2) Four wells in Northampton Sands, Wymington. The average daily quantity of water obtained from (1) is 200,000 gallons, and a further 400,000 gallons per day could be obtained from (1), and 65,000 gallons from (2), which is an emergency supply.

*Works.*—Filtration, 136 gallons per square yard per day. Storage reservoir:—Sywell, 236,000,000 gallons. Service reservoirs:—Rushden, 826,436 gallons; Wymington, 262,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 191,071 gallons and 8,430 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (July 1913) that chemically the water is good, and bacteriologically of a high degree of purity. Hardness:—total, 7°, permanent, 6°. No action on lead.

**Ilkeston and Heanor Water Board.**—Furnishes supplies in bulk to Heanor U.D.C. who also supply part of parish of Shipley (Basford R.D.), and Ilkeston T.C. who also supply part of parish of Shipley (Basford R.D.), Stanton by Dale (Shardlow R.D.), and furnish a supply in bulk to Lord Middleton (*see* page 308).

*Powers.*—Ilkeston and Heanor Water Act, 1901.

*Limits.*—Heanor U.D., Ilkeston B., Heage U.D., Ripley U.D., parishes of Codnor Park, Shipley (Basford R.D.), Denby, Holbrook, Horsley, Horsley Woodhouse, Kilbourne, Mapperley, Morley, Smalley (Belper R.D.), Dale Abbey, Kirk Hallam, Stanley, Stanton by Dale, West Hallam (Shardlow R.D.).

*Sources of Supply (Nature and Sufficiency).*—Meerbrook Sough (5 miles long) in Millstone Grit, and limestone, intake at Hornesford, Whatstandwell. The average daily quantity of water available is 11,500,000 gallons.

*Works.*—No filtration. Storage reservoir:—Chadwick Nick (Crich), 1,400,000 gallons. Service reservoirs:—Codnor, 425,000 gallons; Shipley, 830,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,120,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (10th December 1913) that the water is well adapted for the supply of a community. Hardness; (after treatment) total, 9.32°; permanent, 7.84°. No action on lead.

**Kirkby Moorside and Pickering Rural District Councils.**—Supply parts of parishes of Appleton le Moors (Kirkby Moorside R.D.); Lastingham and Spaunton (Pickering R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spindlethorne and Loskey springs from freestone or limestone, on Spaunton Moor. The average daily quantity of water obtained is 25,000 gallons, and a further 10,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Spaunton, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Very soft, and acts slightly on lead, but tin-lined lead pipes are used. Water contains a slight trace of iron.

**Llanrhaiadr ym Mochnant Joint Committee.**—Supplies parishes of Llanrhaiadr ym Mochnant (part) (Llanfyllin R.D.) and Llanrhaiadr ym Mochnant (part) (Llansilin R.D.).



*Sources of Supply (Nature and Sufficiency).*—(1) Springs with gathering ground,  $1\frac{1}{2}$  acres; (2) Springs near Rock House, both at Llanrhaiadr ym Mochnant. The average daily quantity of water derived from each source is, respectively, (1) 21,000 gallons, (2) 5,000 gallons, and a further 21,000 gallons per day could be obtained from (1).

*Works.*—No filtration. Reservoirs:—Tynyfedw, Llanrhaiadr ym Mochnant, 21,000 gallons; near Rock House, 5,000 gallons. Pressure is sufficient.

*Quantity of Water Supplied.*—Adequate.

*Quality of Water.*—Good. Hardness,  $0\cdot05^\circ$ . Acts on lead, but iron pipes are used.

**Llanrwst and Trefriw Joint Water Committee.**—Does not furnish any supplies. See Geirionydd R.D.C. (page 54) and Llanrwst U.D.C. (page 83).

**Long Rock Water Supply Joint Committee.**—Supplies Ludgvan U.D. (part) and parish of Gulval (part) (West Penwith R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from basalt, Tremenheere, Ludgvan. The average daily quantity of water obtained is 16,000 gallons.

*Works.*—No filtration. Reservoir:—Tremenheere, 1,800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Mid-Sussex Joint Water Board.**—Supplies Cuckfield U.D. (part); Haywards Heath U.D. (part); parts of parishes of Wivelsfield (Chailey R.D.); Ardingly, Balcombe, Bolney, Clayton, Cuckfield Rural, Keymer, Lindfield, and Slaugham (Cuckfield R.D.).

*Powers.*—Mid-Sussex Joint Water Order, 1907.

*Limits.*—Cuckfield U.D.; Haywards Heath U.D.; parishes of Wivelsfield (part) (Chailey R.D.); Ardingly, Balcombe, Bolney, Clayton (part), Cuckfield Rural, Keymer (part), Lindfield, and Slaugham (Cuckfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Lower Tunbridge Wells Sand, Balcombe Forest. The average daily quantity of water obtained is 242,000 gallons, and a further 176,000 gallons per day could be obtained.

*Works.*—Filtration, 538 gallons per square yard per day. Service reservoirs:—Balcombe, 295,000 gallons; Balcombe Tower, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 242,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (December 1913) that chemically the water is excellent. Hardness:—total,  $8^\circ$ ; permanent,  $2\cdot8^\circ$ . No action on lead.

**Pontypridd and Rhondda Joint Water Board.**—Supplies Caerphilly U.D. (part); Pontypridd U.D. (part); Rhondda U.D. (part); and furnishes supplies in bulk to Llantrisant and Llantwitfardre R.D.C.

*Powers.*—Pontypridd and Rhondda Water Acts, 1910 and 1913.

*Limits.*—Caerphilly U.D. (part); Pontypridd U.D.; Rhondda U.D. (part); and in bulk to Llantrisant and Llantwitfardre R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering grounds, Pontlluestwen, 1,484 acres, and Castell Nos, 682 acres, in Aberdare and Rhondda. Springs from Pennant Grit:—(2) Mardy; (3) Blaenhenwysg; (4) Cilfynydd; (5) Darranddu. The average daily quantity of water derived from each source is, respectively, (1) 3,123,785 gallons; (2) 32,000 gallons; (3) 190,000 gallons; (4) 241,000 gallons; (5) 30,000 gallons.

*Works.*—Mechanical filters. Storage reservoirs:—Pontlluestwen, 240,000,000 gallons; Castell Nos, 22,000,000 gallons. Service reservoirs:—Lan Wood, 2,125,000 gallons; Williamstown Tank, 45,000 gallons; Cilfynydd, 1,000,000 gallons; Rhiw Tank, 100,000 gallons; Trebanog Tank, 675,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,616,785 gallons. Supply is constant.

*Quality of Water.*—Good—periodical chemical and bacteriological examination. Hardness,  $3^\circ$  ( $7^\circ$  after treatment). Acts on lead, but is treated in mechanical filters.

**Southport, Birkdale, and West Lancashire Water Board.**—Supplies Formby U.D. (part); Southport C.B. (part); parts of parishes of Altcar, Aughton, Bickerstaffe, Downholland, Halsall, Hesketh with Becconsall, Lydiate, Maghull, North Meols, and Scarisbrick (West Lancashire R.D.); and furnishes a supply in bulk to Skelmersdale U.D.C.

*Powers.*—Southport Water (Transfer) Act, 1901; Southport, Birkdale and West Lancashire Water Board Acts, 1905 and 1907.

*Limits.*—Formby U.D.; Southport C.B.; parishes of Altcar, Aughton, Bickerstaffe, Downholland, Halsall, Lydiate, Maghull, North Meols, and Scarisbrick (West Lancashire R.D.).

\* This Committee was formed to carry into effect the terms of an Agreement made in 1902 by the Llanrwst and Geirionydd Rural District Councils for jointly taking a supply of water from Lake Crafnant.



*Sources of Supply (Nature and Sufficiency).*—Wells in Upper Mottled Sandstone, (1) Springfield, Aughton; (2) Halsall Lane, Aughton; (3) Scarth Hill; (4) Well in Upper Mottled Sandstone and Pebble Beds, Royal Oak, Bickerstaffe. The average daily quantity of water obtained is 2,658,230 gallons, and a further 1,697,822 gallons per day could be obtained.

*Works.*—No filtration. No reservoirs. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,527,910 gallons and 130,320 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (August 1913) that the water is:—(1) and (2) Satisfactory; (4) Free from animal pollution, but contains a small quantity of oxidisable organic matter. Hardness:—(1) total 20·72°, permanent 10·99°; (2) total 16·31°, permanent 8·19°; (3) total 5·53°, permanent 5·25°; (4) total 31·92°, permanent 14·07°. Acts on lead at Scarth Hill only, where iron pipes are used. (1) contains magnesia.

**Stourbridge and District Water Board.**—Supplies Amblecote U.D. (part); Lye and Wollescote U.D. (part); Stourbridge U.D. (part); parts of parishes of Clent, Hagley, Pedmore (Bromsgrove R.D.); and Kingswinford (Kingswinford R.D.).

*Powers.*—Stourbridge and District Water Board Act, 1909.

*Limits.*—Amblecote U.D.; Lye and Wollescote U.D.; Stourbridge U.D.; parishes of Clent, Hagley, Pedmore (Bromsgrove R.D.); and Kingswinford (part) (Kingswinford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole in New Red Sandstone, (1) "Coalbournbrook," Amblecote; (2) "Millmeadow," Amblecote; (3) "Tack," Wordsley, Kingswinford. The average daily quantity of water derived from each source is, respectively, (1) 1,200,000 gallons; (2) 10,000 gallons; (3) 30,000 gallons.

*Works.*—No filtration. Service reservoirs:—Amblecote Lane, 380,000 gallons; Wychbury Hill, Pedmore, 85,000 gallons; Careless Green, Wollescote, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,240,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (23rd December 1913) that the water is very good. Hardness:—total, 15·68°; permanent, 8·58°. No action on lead.

**Swadlincote and Ashby de la Zouch Urban District Councils' Joint Water Committee.**—Supplies parts of parishes of Hartshorn (Hartshorn and Seals R.D.); Bretby, Linton, Repton (Repton R.D.); and furnishes supplies in bulk to Ashby de la Zouch U.D.C., Ashby Wolds U.D.C., Swadlincote District U.D.C., and Hartshorn and Seals R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Milton Brook, intake at Orange Hill, a mile above Milton; (2) Springs from Bunter formation, Repton; (3) Boreholes in gravel bed, Milton, Repton. The average daily quantity of water derived from each source is, respectively, (1) 50,000 gallons; (2) 320,000 gallons; (3) 99,000 gallons. A further 75,000 gallons per day could be obtained from (1), 63,000 gallons from (2), and 185,000 gallons from (3).

*Works.*—Filtration at (1) only, 540 gallons per square yard per day. Service reservoir:—Blackfordby, 1,184,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 8,500 gallons, and 460,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and half-yearly bacteriological examination. Analyst remarks (9th June 1913) that bacteriologically the water is unsatisfactory. Hardness:—total, 6·79°; permanent, 6·3°. No action on lead; (3) contains oxides of iron and alumina.

**Tamworth Waterworks Joint Committee.**—Supplies Tamworth B.; parts of parishes of Polesworth (Atherstone R.D.); Amington and Stonydelph, Bolehall and Glascote, Fazeley, Wigginton, Wilnecote and Castle Liberty (Tamworth R.D.); and furnishes a supply in bulk to Tamworth R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well, 150 feet, in New Red Sandstone, and Coal Measures, Hopwas, near Tamworth. The average daily quantity of water obtained is 537,000 gallons, and a further 543,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Glascote Heath, Tamworth, 750,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 520,000 gallons, and 17,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 16·1°, permanent, 6·8°. No action on lead.

**Tees Valley Water Board.**—Supplies Eston U.D. (part); Middlesbrough C.B.; Stockton on Tees B. (part); Thornaby on Tees B.; parishes of Cleatlam, Gainford (part), Headlam (part), Langton (part), Marwood (part), Staindrop (part), Whorlton (part), Winston



(part), (Barnard Castle R.D.); Croft (part) (Croft R.D.); High Coniscliffe (part), Hurworth (part), Low Dinsdale (part), Middleton St. George (part), Morton Palms (part), Piercebridge (part), Sadberge (part) (Darlington R.D.); Wilton (part) (Guisborough R.D.); Hemlington (part), Marton (part), Ormesby (part), Stainton (part), West Acklam (Middlesbrough R.D.); Bishopston, Little Stainton (part) (Sedgefield R.D.); Cotherstone (part), Lartington (part) (Startforth R.D.); Billingham (part), Carlton (part), Cowpen Bewley (part), Egglecliffe (part), Elton (part), Grindon (part), Long Newton (part), Norton (part), Preston upon Tees (part), Redmarshall (part), Whitton (part), Wolviston (part) (Stockton R.D.); Kirk Levington (part), and Yarm (part) (Stokesley R.D.); and furnishes a supply in bulk to South Bank in Normanby U.D.C.

*Powers.*—Tees Valley Water (Consolidation) Act, 1907.

*Limits.*—Barnard Castle U.D.; Eston U.D. (part); Middlesbrough C.B.; South Bank in Normanby U.D. (part); Stockton on Tees B.; Thornaby on Tees B.; parishes of Cleatlam, Gainford, Headlam, Ingleton, Langton, Marwood (part), Raby in Keverstone (part), Staindrop (part), Streatlam and Stainton (part), Westwick, Whorlton, Winston (Barnard Castle R.D.); Cleasby, Cliffe, Croft (part), Manfield (Croft R.D.); Archdeacon Newton, Barmpton, Coatham Mundeville, Denton (part), Great Burdon, Haughton le Skerne, High Coniscliffe, Hurworth, Killerby, Low Coniscliffe, Low Dinsdale, Middleton St. George, Morton Palms, Neasham, Piercebridge, Sadberge, Summerhouse (part) (Darlington R.D.); Wilton (Guisborough R.D.); Hemlington, Ingleby Barwick, Maltby Marton, Ormesby (part), Stainton, West Acklam (part) (Middlesbrough R.D.); Aldbrough (part), Caldwell, Eppeby, Gilling (Richmond R.D.); Bishopston, Little Stainton (Sedgefield R.D.); Barforth, Cotherstone (part), Egglestone Abbey (part), Lartington (part), Ovington, Romaldkirk, Rokeby, Startforth (part), Wycliffe with Thorpe (Startforth R.D.); Aislaby, Billingham, Carlton, Cowpen Bewley, East Hartburn, Egglecliffe, Elton, Grindon (part), Long Newton, Newsham, Newton Bewley, Norton, Preston upon Tees, Redmarshall, Whitton (part), Wolviston (Stockton R.D.); and Yarm (Stokesley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Tees, intake about 2 miles west of Darlington; (2) River Balder, impounding reservoirs in Cotherstone and Hunderthwaite; (3) River Lune, impounding reservoirs in Mickleton and Lune. The average daily quantity of water derived from each source is, respectively, (1) 8,000,000 gallons; (2) 7,000,000 gallons; (3) works in course of construction. A further 2,000,000 gallons per day could be obtained from (1), and 10,000,000 gallons per day will be obtained from (3).

*Works.*—Filtration:—(1) 474 gallons, (2) 231 gallons, per square yard per day. Impounding reservoirs:—Hury, 858,837,000 gallons; Blackton, 463,300,000 gallons; Grassholme (in course of construction), 1,300,000,000 gallons. Storage reservoirs:—Whorley, 2,000,000 gallons; Broken Scar, 12,856,840 gallons; Fighting Cocks, 24,624,552 gallons; Sadberge, 12,022,034 gallons; Long Newton, 231,877,000 gallons; Eston, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 14,800,000 gallons and 200,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (5th November 1913) that bacteriologically the water is very satisfactory. Hardness, 4°. No action on lead. Supply is constant.

**Westbury and Dilton Marsh Joint Water Committee.**—Supplies Westbury U.D. (part), and part of parish of Dilton Marsh (Westbury and Whorwellsdown R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk Marl and Upper Greensand, Bratton Road, Westbury. Yield not known.

*Works.*—No filtration. Service reservoir:—Newtown, Westbury, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 95,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 12·75°; permanent, 2·75°. No action on lead.

**Woburn Sands Joint Sewerage and Water Committee.**—Supplies parishes of Aspley Guise, Aspley Heath (Amphill R.D.), and Woburn Sands (Newport Pagnell R.D.), and furnishes a supply in bulk to the Duke of Bedford, who supplies the parish of Woburn (Amphill R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Lower Greensand at Birchmoor Farm, Aspley Guise. The average daily quantity of water obtained is 80,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs: Bow Brickhill, 400,000 gallons; tank, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample; the daily average in bulk is 40,000 gallons.

*Quality of Water.*—Very pure. Hardness:—total, 2·8°; permanent, 1·0°. No action on lead.



## SECTION III.—COMPANIES WITH SPECIFIC POWERS.

**Alcester Waterworks Company, Limited.**—Supplies parts of parishes of Alcester and Arrow (Alcester R.D.).

*Powers.*—Alcester Water Order, 1878.

*Limits.*—Parishes of Alcester, Arrow, and Oversley (Alcester R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Rock Mill; (2) Spring; (3) Borehole; all in the parish of Arrow. The average daily quantity of water obtained is 31,000 gallons, and a further 35,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Arrow, 52,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 31,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hard and no action on lead.

**Aldershot Gas, Water and District Lighting Company.**—Supplies Aldershot U.D. (part); and part of parish of Seale (Farnham R.D.).

*Powers.*—Aldershot Gas and Water Acts, 1866, 1896 and 1901; Aldershot Gas and Water Orders, 1879, 1890 and 1903; Aldershot Gas, Water and District Lighting Act, 1909.

*Limits.*—Aldershot U.D.; and part of parish of Seale (Farnham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian bores driven (240 feet) into Chalk, Boxall's Lane, Aldershot. The average daily quantity of water obtained is 883,391 gallons, and a further 1,145,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Cargate Hill, Aldershot, (a) 159,510 gallons, (b) 217,930 gallons, (c) 1,513,314 gallons; Tower, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 883,391 gallons. Supply is constant.

*Quality of Water.*—Of exceptional purity—periodical chemical examination. Hardness:—total, 17·5°; permanent, 5·5°. No action on lead; the water contains some chalk.

**Alresford Water Company, Ltd.**—Supplies part of parish of New Alresford (Alresford R.D.).

*Powers.*—Alresford Water Order, 1913.

*Limits.*—Parish of New Alresford (Alresford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Alresford. The average daily quantity of water obtained is 23,500 gallons.

*Works.*—No filtration. Service reservoirs at Alresford:—Tower, 7,000 gallons; Underground tank, 56,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 23,500 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total, 22·7°; permanent, 3·3°. Slight action on lead, but lead pipes are not used.

**Amersham, Beaconsfield and District Waterworks, Ltd.**—Supplies Beaconsfield U.D. (part); and parts of parishes of Amersham, Chalfont St. Giles, Chesham Bois, Coleshill, Penn (Amersham R.D.); Gerrard's Cross (Eton R.D.); and Chepping Wycombe Rural (Wycombe R.D.).

*Powers.*—Amersham, Beaconsfield and District Water Orders, 1896 and 1903; Amersham, Beaconsfield and District Water Act, 1904.

*Limits.*—Beaconsfield U.D.; and parishes of Amersham, Chalfont St. Giles, Chenies, Chesham Bois, Coleshill, Penn, Seer Green (Amersham R.D.); and Gerrard's Cross (Eton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells through Chalk and Greensand at Amersham. The average daily quantity of water available is 300,000 gallons, but the supply is unlimited.

*Works.*—No filtration. Reservoir:—Coleshill, (a) 100,000 gallons; (b) 1,000,000 gallons (in course of construction); Tower, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Periodical examination. Analyst remarks (30th March 1913), that chemically it is a first class water for drinking purposes. Hardness:—total 18·2°; permanent, 3·0°. No action on lead.

**Banbury Water Company.**—Supplies Banbury B. (part).

*Powers.*—Banbury Waterworks Act, 1865.

*Limits.*—Banbury B.; and parishes of Bodicote, East Adderbury, West Adderbury (Banbury R.D.); and Warkworth (Middleton Cheney R.D.).



*Sources of Supply (Nature and Sufficiency).*—River Cherwell, intake at Grimsbury Mill, one mile from Banbury. Yield not known.

*Works.*—Filtration, 161 gallons per square yard per day and also mechanical filters. Service reservoir:—Oxford Road, Banbury, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 323,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly bacteriological examination. Analyst remarks (3rd September 1912) that the water is satisfactory. Hardness:—total, 22·5°; permanent, 7·6°. No action on lead.

**Barnet District Gas and Water Company.**—Supplies Barnet U.D.; East Barnet Valley U.D. (part); Enfield U.D. (part); Finchley U.D. (part); Friern Barnet U.D. (part); Southgate U.D. (part); and parts of parishes of Ridge, Shenley, Totteridge (Barnet R.D.); Northaw, North Mimms (Hatfield R.D.), and South Mimms (South Mimms R.D.).

*Powers.*—Barnet and District Gas and Water Acts, 1872, 1883, 1887 and 1904.

*Limits.*—Barnet U.D.; East Barnet Valley U.D.; Enfield U.D. (part); Finchley U.D.; Friern Barnet U.D.; and parishes of Ridge (part), Shenley (part), Totteridge (Barnet R.D.), Northaw, North Mimms (Hatfield R.D.) and South Mimms (South Mimms R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk:—(1) New Barnet; (2) East Barnet; (3) Potter's Bar; (4) Tyttenhanger; (5) Supply in bulk from the Metropolitan Water Board (see page 163). The average daily quantity of water derived from each source is, respectively, (1) 293,000 gallons; (2) 791,000 gallons; (3) 53,000 gallons; (4) 972,000 gallons; (5) 4,855 gallons.

*Works.*—No filtration. Service reservoirs:—New Barnet, (a) 450,000 gallons, (b) 250,000 gallons, (c) 1,500,000 gallons, (d) 1,750,000 gallons; Hadley, 64,000 gallons; Arkley, 2,084,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,113,455 gallons. Supply is constant only in Finchley, Friern Barnet, East Barnet and Barnet Vale.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (29th November 1913) that the water is remarkably pure. Hardness:—total, 15·05°; permanent, 4·9°. No action on lead.

**Barnstaple Water Company.**—Supplies Barnstaple B. (part); and parts of parishes of Bishop's Tawton, Fremington, Instow, and West Pilton (Barnstaple R.D.).

*Powers.*—Barnstaple Waterworks Acts, 1858 and 1888; Barnstaple Water Order, 1910.

*Limits.*—Barnstaple B.; and parishes of Bishop's Tawton, Fremington, Goodleigh, Instow, Landkey, Tawstock, and West Pilton (Barnstaple, R.D.).

*Sources of Supply (Nature and Sufficiency).*—North Yeo River, with drainage area 25 square miles, intake at Bratton Cross. The average daily quantity of water obtained is 780,000 gallons, and a further 1,200,000 gallons per day could be obtained.

*Works.*—Filtration, 800 gallons per square yard per day. Service reservoirs:—Raleigh Park, Pilton (low level), 400,000 gallons; Pickard's Down, Sowden Lane (high level), 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 780,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (22nd January 1912) that the water is excellent. Hardness:—total, 4·0°; permanent, 3·0°. No action on lead.

**Beccles Waterworks Company.**—Supplies Beccles B. (part).

*Powers.*—Beccles Waterworks Act, 1870; Beccles Waterworks Order, 1902.

*Limits.*—Beccles B.

*Sources of Supply (Nature and Sufficiency).*—Artesian well in Chalk, Pudding Moor, Beccles. The average daily quantity of water obtained is 120,000 gallons, and a further 168,000 gallons per day could be obtained.

*Works.*—Pressure filters. Storage reservoirs:—Ringsfield Road, Beccles, (a) 80,000 gallons, (b) 80,000 gallons, (c) 120,000 gallons, (d) 35,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 112,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (1st August 1908) that the water is organically of great purity. Hardness:—total, 20·2°; permanent, 10·3°. No action on lead.

**Bexhill Water and Gas Company.**—Supplies Bexhill B. (part); and part of parish of Ninfield (Hailsham R.D.).

*Powers.*—Bexhill Water and Gas Acts, 1885, 1892, 1896 and 1904; Bexhill Water and Gas Order, 1901.



*Limits.*—Bexhill B.; and parishes of Ashburnham, Catsfield (Battle R.D.), Herstmonceux (part), Hooe, Ninfield and Wartling (Hailsham R.D.).

*Source of Supply (Nature and Sufficiency).*—(1) Spring, from Ashdown Sands, at Buckholt; (2) Spring and boreholes in Ashdown Sands, at Sweet Willow Wood; (3) Well in Ashdown Sands, at Hazards Green; (4) Well at Wrestwood (emergency supply). The average daily quantity of water derived from each source is, respectively, (1) 81,087 gallons; (2) 236,934 gallons; (3) 224,734 gallons; a further 138,913 gallons per day could be obtained from (1), 63,066 gallons from (2), 50,266 gallons from (3), and 40,000 gallons from (4).

*Works.*—Filtration, 25 gallons per square yard per day. Service reservoirs:—Standard Hill, Ninfield, 2,000,000 gallons; Wrestwood, 675,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 542,755 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (22nd October 1913), that the water is highly satisfactory. Hardness, 6°. No action on lead; contains some iron.

**Blandford Waterworks Company, Ltd.**—Supplies Blandford Forum B. (part); and parts of parishes of Blandford St. Mary, Bryanston, Durweston, Langton Long Blandford, and Pimperne (Blandford R.D.).

*Powers.*—Blandford Water Orders, 1893 and 1911.

*Limits.*—Blandford Forum B.; and parishes of Blandford St. Mary, Bryanston, Charlton Marshall, Durweston, Langton Long Blandford, Pimperne, Spettisbury, Stourpaine, and Tarrant Hinton (Blandford R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, Langton Long Blandford. The average daily quantity of water available is 90,000 gallons.

*Works.*—No filtration. Service reservoirs:—Langton Long Blandford, (a) 154,000 gallons, (b) 368,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (October 1913) that this is a good potable water. Hardness, 3·8°. No action on lead.

**Bodmin Waterworks Company.**—Supplies Bodmin B. (part); and parts of parishes of Blisland, Bodmin, Helland (Bodmin R.D.); and St. Breward (Camelford R.D.).

*Powers.*—Bodmin Water Acts, 1866 and 1893.

*Limits.*—Bodmin B.; and parishes of Blisland, Bodmin, Helland, Lanivet, St. Mabyn (Bodmin R.D.); and St. Breward (Camelford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs intercepted underground at Hamatethy, St. Breward. The average daily quantity of water obtained is 180,000 gallons, and a further 120,000 gallons per day could be obtained.

*Works.*—Water is filtered. Storage reservoir:—Bodmin, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—permanent, 1·5°. Acts on lead, but galvanised iron pipes used. The water contains iron.

**Bognor Water Company.**—Supplies Bognor U.D. (part); and parts of parishes of Aldingbourne, Barnham, Bersted, Eastergate, Felpham, Pagham, Walberton, Yapton (Westhampnett R.D.).

*Powers.*—Bognor Water Act, 1891.

*Limits.*—Bognor U.D.; and parishes of Tortington (East Preston R.D.); Aldingbourne, Barnham, Bersted, Boxgrove, Eartham, Eastergate, Felpham, Merston, Middleton, North Mundham, Oving, Pagham, Slindon, Tangmere, Walberton and Yapton (Westhampnett R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two wells in Chalk underlying London Clay, &c., South Downs. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Balls Hut, Walberton, 500,000 gallons; Tower, London Road, 35,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (13th January 1913) that the water is in every respect satisfactory. Hardness:—total, 16·45°; permanent, 3·29°. No action on lead; contains a trace of iron.

**Bolsover and District Water Company, Ltd.**—Supplies Bolsover U.D. (part); and parts of parishes of Scarcliffe and Upper Langwith (Blackwell R.D.); and furnishes a supply in bulk to Bolsover U.D.C.

*Powers.*—Bolsover and District Water Orders, 1903 and 1906.



*Limits.*—Bolsover U.D.; and parish of Scarcliffe (Blackwell R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in railway tunnel at Scarcliffe. The average daily quantity of water obtained is 118,342 gallons, and a further 97,658 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Mansfield Road, Hillstown, 60,000 gallons; Carr Vale, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 95,000 gallons and 10,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Very satisfactory—annual chemical examination. Hardness:—total, 36.42°; permanent, 21.19°; after treatment, 10.36°. No action on lead; contains some iron.

**Boston Waterworks Company.**—Supplies Boston B. (part); and parishes of Skirbeck (part), Skirbeck Quarter (part) (Boston R.D.); Revesby (part) (Hornecastle R.D.); Carrington, Frithville (part), Sibsey (part) (Sibsey R.D.); and West Fen (part) (Spilsby R.D.).

*Powers.*—Boston Waterworks Acts, 1846.

*Limits.*—Boston B.; and parishes of Skirbeck and Skirbeck Quarter (Boston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Miningsby Beck and Claxby Beck, with upland surface of 3 square miles, in Claxby Pluckacre about 14 miles north of Boston. The average daily quantity of water obtained is 400,000 gallons, and a further 300,000 gallons per day could be obtained.

*Works.*—Filtration, 300 gallons per square yard per day. Storage reservoirs:—Revesby, 80,000,000 gallons; Claxby Pluckacre, 3,000,000 gallons. Service reservoirs:—Revesby, 225,000 gallons; Skirbeck, 45,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 400,000 gallons. Supply is constant.

*Quality of Water.*—Frequent chemical and periodical bacteriological examination. Analyst remarks (17th December 1913) that the water is well adapted for the purposes of a public supply. Hardness:—total, 17°; permanent, 5°. No action on lead; contains ferrous carbonate.

**Bournemouth Gas and Water Company.**—Supplies Bournemouth C.B. (part); Poole B. (part); Wimborne Minster U.D.; and parts of parishes of Holdenhurst (Christchurch R.D.); Kinson (Poole R.D.); Colehill, Hampreston, Pamphill, and West Parley (Wimborne and Cranborne R.D.).

*Powers.*—Bournemouth Gas and Water Acts, 1873, 1878, 1896, 1902, 1903, and 1913.

*Limits.*—Bournemouth C.B. (part); Poole B. (part); Wimborne Minster U.D.; and parishes of Holdenhurst (part) (Christchurch R.D.); Canford Magna (part), Kinson (Poole R.D.); and Colehill, Hampreston, Holt (part), Horton (part), Pamphill (part), Verwood (part), West Parley (Wimborne and Cranborne R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 300 feet, in chalk, at Walsford Bridge, Wimborne; (2) Well, 130 feet, in chalk at Walsford; (3) Auxiliary supply from shallow wells in gravels near River Stour, at Longham Mill, Wimborne. The average daily quantity of water derived from each source is, respectively, (1) 1,656,000 gallons; (2) 51,000 gallons; (3) 1,067,000 gallons; a further 1,406,000 gallons per day could be obtained from (1) and 1,229,000 gallons from (3).

*Works.*—Filtration, 403 gallons per square yard per day. Storage reservoir:—Alderney Station, Newtown, 5,000,000 gallons. Service reservoirs:—Alderney Station, Newtown, (a) 1,000,000 gallons, (b) 3,000,000 gallons; Colehill, 185,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,774,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—monthly chemical and bacteriological examination. Hardness:—total, 14.7°; permanent, 5.3°.

**Bradfield Water Works.**—Supplies parts of parishes of Ashampstead, Bradfield, Frilsham and Yattendon (Bradfield R.D.).

*Powers.*—Bradfield Water Orders, 1904 and 1909.

*Limits.*—Parishes of Ashampstead (part), Bradfield, Frilsham (part), Stanford Dingley and Yattendon (part) (Bradfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and borehole, 156 feet, in Chalk, Bradfield; (2) Well and borehole, 117 feet, in Chalk, Bradfield. The average daily quantity of water derived from each source is, respectively, (1) 6,000 gallons; (2) 8,000 gallons.

*Works.*—No filtration. Reservoirs:—Tutts Clump, 75,000 gallons; Great House, 200,000 gallons; Burnt Hill, Yattendon, 500,000 gallons; Hog Copse, 17,000 gallons; Red Hill, 7,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 14,000 gallons. Supply is constant.

*Quality of Water.*—Good. Moderately hard, and no action on lead.



**Bridgend (Glamorganshire) Gas and Water Company.**—Supplies Bridgend U.D. (part); and furnishes supplies in bulk to Penybont R.D.C.; Southerndown Water Company, Ltd., who supply part of parish of St. Brides Major (Penybont R.D.), and J. I. D. Nicoll, Esq., who supplies part of parish of Merthyr Mawr (Penybont R.D.).

*Powers.*—Bridgend (Glamorganshire) Gas and Water Act, 1869; Bridgend Gas and Water Orders, 1875 and 1902.

*Limits.*—Bridgend U.D.

*Sources of Supply (Nature and Sufficiency).*—Schwyll springs from limestone, St. Brides Major, about two miles south of Bridgend. The average daily quantity of water obtained is 260,000 gallons, and a further 2,250,000 gallons per day could be obtained.

*Works.*—Filtration, 700 gallons per square yard per day. Storage reservoir:—Flemingsdown, 1,125,000 gallons. Service reservoirs:—Flemingsdown, 100,000 gallons; Brackla Street, Bridgend, 450,000 gallons; Newcastle Hill, Bridgend, 34,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250,000 gallons, and 10,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (22nd November 1913) that chemically there is no evidence of sewage or animal contamination, but that bacteriologically the water is doubtful. Hardness:—total, 25·2°. No action on lead.

**Bridport Water Works Company.**—Supplies Bridport B. (part); and parts of parishes of Allington, Bothenhampton, Bradpole, Burton Bradstock, and Litton Cheney (Bridport R.D.).

*Powers.*—Bridport Water Works Act, 1872; Bridport Water Works Orders, 1877 and 1886.

*Limits.*—Bridport B.; and parishes of Allington, Bothenhampton, Bradpole, Burton Bradstock, Litton Cheney, Loders, Swyre, and Symondsburry (Bridport R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Greensand at Litton Cheney. The average daily quantity of water available is 651,800 gallons.

*Works.*—Water is filtered. Storage reservoir:—Burton Bradstock, 3,000,000 gallons. Service reservoir:—Bothenhampton, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory. Hardness not known. No action on lead.

**Bristol Waterworks Company.**—Supplies Bristol C.B.; and parts of parishes of Blagdon (Axbridge R.D.); Brislington (Keynsham R.D.); Abbots Leigh, Backwell, Barrow Gurney, Bishopsworth, Brockley, Dundry, Flax Bourton, Long Ashton, Nailsea, Wraxall (Long Ashton R.D.); and Henbury (Thornbury R.D.); and furnishes a supply in bulk to Clutton R.D.C.

*Powers.*—Bristol Waterworks Acts, 1862, 1872, 1882, 1888, 1889, 1895, 1900, 1902; Bristol Waterworks Amendment Act, 1865.

*Limits.*—Bristol C.B.; and parishes of Blagdon (Axbridge R.D.); Brislington (Keynsham R.D.); Abbots Leigh, Backwell, Barrow Gurney, Bishopsworth, Brockley, Flax Bourton, Long Ashton (Long Ashton R.D.); and Henbury (Thornbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Yeo and its tributary streams and springs with drainage area of 14 square miles, in Blagdon, Ubley, Compton Martin, Nempnett, Butcombe and Burrington; (2) River Chew and its tributary streams and springs with drainage area of 13 square miles, in Chewton, Mendip, Litton, East and West Harptree, Hinton Blewett; (3) Sherborne spring from Carboniferous Limestone, Litton; (4) Cold Bath spring from Carboniferous Limestone, Barrow Gurney; (5) Elwell and Dundry streams in Winford, Dundry and Barrow Gurney; (6) Chelvey wells in Triassic formation at Chelvey (supplementary supply). The average daily quantity of water derived from each source is, respectively, (1) not known; (2) 3,000,000 gallons; (3) 1,396,000 gallons; (4) 348,000 gallons; (5) 328,000 gallons; a further 30,000 gallons per day could be obtained from (4).

*Works.*—Water is filtered, except from (3), 259 gallons per square yard per day. Storage reservoirs:—Yeo, 1,700,000,000 gallons; Barrow Store, (a) 149,000,000 gallons, (b) 196,000,000 gallons, (c) 466,000,000 gallons. Service reservoirs:—Bedminster Down, 5,000,000 gallons; Victoria, 5,000,000 gallons; Durdham Down, 500,000 gallons; Knowle, 350,000 gallons; Leigh Tank, 39,000 gallons; St. George's Tank, 36,000 gallons; Knowle Tank, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 10,278,000 gallons. Supply is constant.

*Quality of Water.*—Excellent—monthly chemical and bacteriological examination. Hardness:—total, 16·8°; permanent, 5·5°. No action on lead.



**Brompton, Chatham, Gillingham and Rochester Waterworks Company.**—Supplies Chatham B. (part); Gillingham B. (part); and Rochester B. (part).

*Powers.*—Brompton, Chatham, Gillingham and Rochester Water Acts, 1860, 1868, 1898, and 1905.

*Limits.*—Chatham B.; Gillingham B.; Rochester B.; and part of parish of Wouldham (Malling R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and adits in Chalk, in (1) Luton Valley, Chatham; (2) Capstone Valley, Chatham; (3) Well bored into Lower Greensand in Luton Valley, Chatham. The average daily quantity of water derived from each source is, respectively, (1) 1,700,000 gallons; (2) 380,000 gallons; (3) 120,000 gallons; a further 750,000 gallons per day could be obtained from (1), 1,000,000 gallons from (2) and 30,000 gallons from (3).

*Works.*—No filtration. Service reservoirs:—Rainham Road (Low Service), (a) 300,000 gallons, (b) 1,000,000 gallons, (c) 2,000,000 gallons, (d) 5,000,000 gallons; Woolman's Wood (High Service), 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,200,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and quarterly bacteriological examination. Analyst remarks (27th November 1913) that chemically there is no evidence of pollution, and (2nd December 1913) that bacteriologically the water is good. Hardness:—total, 19·26°; permanent, 3·19°. No action on lead.

**Broughton in Furness Water Company, Ltd.**—Supplies part of parish of Broughton in Furness (Ulverston R.D.).

*Powers.*—Broughton in Furness Water Order, 1898.

*Limits.*—Parish of Broughton in Furness (Ulverston R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Woodhouse, Broughton in Furness. The average daily quantity of water obtained is 19,000 gallons, and a further 3,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Woodhouse, 66,800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 19,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 5·7°; permanent, 3°. No action on lead.

**Brymbo Water Company.**—Supplies parts of parishes of Llanfynydd, Tryddyn (Hawarden R.D.); Mold Rural (Holywell R.D.); Bersham, Broughton, Brymbo, Gwersyllt, and Minera (Wrexham R.D.).

*Powers.*—Brymbo Water Acts, 1869, 1888, 1895, and 1904.

*Limits.*—Parishes of Llanfynydd (part) (Hawarden R.D.); Mold Rural (part) (Holywell R.D.); Llanarmon, Llandegla (Ruthin R.D.); Bersham (part), Broughton (part), Brymbo, Gwersyllt (part), Minera, and Stansty (part) (Wrexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 686 acres, Llandegla; (2) Upland surface, 873 acres, Llandegla; (3) Upland surface, 42 acres, Llanarmon. Yield not known.

*Works.*—Mechanical filters. Storage reservoirs:—Llandegla, (a) 100,000,000 gallons, (b) 25,000,000 gallons; Llanarmon, 100,000,000 gallons. Service reservoirs:—Minera, 180,000 gallons; Brymbo, 280,000 gallons; Llandegla, 132,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 553,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. Lead pipes are tin washed and the water hardened.

**Burgess Hill Water Company.**—Supplies Burgess Hill U.D. (part); and parishes of Ditchling, Westmeston (part) (Chailey R.D.); Albourne (part), Clayton (part), Hurstpierpoint (part), and Keymer (part) (Cuckfield R.D.); and furnishes a supply in bulk to Cuckfield R.D.C.

*Powers.*—Burgess Hill Water Acts, 1886 and 1901; Burgess Hill Water Order, 1908.

*Limits.*—Burgess Hill, U.D.; and parishes of Ditchling, Westmeston (part), Wivelsfield (part) (Chailey R.D.); Albourne, Clayton (part), Hurstpierpoint (part), and Keymer (part) (Cuckfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk of South Downs:—(1) At Coombe Bottom, Ditchling; (2) At Whiteland, Keymer; (3) At Clayton. The average daily quantity of water derived from each source is, respectively, (1) 60,000 gallons; (2) 100,000 gallons; (3) 150,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Coombe Bottom, (a) 150,000 gallons, (b) 250,000 gallons; Clayton, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250,000 gallons, and 2,257 gallons in bulk. Supply is constant.



*Quality of Water.*—Quarterly chemical and occasional bacteriological examination. Analyst remarks (18th November 1913) that chemically the water is excellent and (15th October 1913) that bacteriologically it is quite safe for drinking. Hardness:—total, 11·8°; permanent, 2·3°. No action on lead.

**Burnham, Dorney and Hitcham Waterworks Company, Ltd.**—Supplies parts of parishes of Burnham, Farnham Royal, Hitcham, and Taplow (Eton R.D.).

*Powers.*—Burnham and District Water Orders, 1896, 1899, and 1902.

*Limits.*—Parishes of Burnham, Farnham Royal (part), Hitcham and Taplow (Eton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Bored wells, 300 feet, at Burnham. The average daily quantity of water obtained is 200,000 gallons.

*Works.*—No filtration. Service reservoirs:—Littleworth Common, 600,000 gallons; Rose Hill, Burnham, 200,000 gallons. Farnham Common, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 200,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (23rd January 1913) that the water is excellent. Hardness:—total, 20·7°; permanent, 8·2°. No action on lead.

**Calne Waterworks Company, Ltd.**—Supplies Calne B.; and part of parish of Calne Without (Calne R.D.).

*Powers.*—Calne Water Order, 1882.

*Limits.*—Calne B.; and part of parish of Calne Without (Calne R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Calstone. The average daily quantity of water available is 1,390,000 gallons.

*Works.*—No filtration. Service reservoir:—Calstone, 3,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 168,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Camborne Water Company.**—Supplies Camborne U.D. (part); and parts of parishes of Crowan (Helston R.D.); and Illogan (Redruth R.D.).

*Powers.*—Camborne Water Acts, 1867 and 1908; Camborne Water Order, 1890.

*Limits.*—Camborne U.D.; and parishes of Crowan (Helston R.D.); and Illogan (Redruth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from granite:—(1) Cargenwyn, Crowan; (2) Boswyn, Camborne. Yield not known.

*Works.*—Water is filtered. Storage reservoirs:—Cargenwyn, (a) 18,000,000 gallons, (b) 12,000,000 gallons, (c) 6,300,000 gallons; Boswyn, 4,000,000 gallons; Troon, 1,000,000 gallons; Beacon Tank, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 325,600 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (24th April 1911) that the water is satisfactory. Hardness:—(1) total 3·8°; permanent, 1·7°; (2) total, 2·1°; permanent, 1·5°. Acts on lead, but lead pipes are prohibited.

**Cambridge University and Town Waterworks Company.**—Supplies Cambridge B. (part); and parts of parishes of Cherry Hinton, Fen Ditton, Fulbourn, Girton, Grantchester, Great Shelford, Histon, Impington, and Trumpington (Chesterton R.D.).

*Powers.*—Cambridge University and Town Waterworks Acts, 1853, 1855, 1866, 1871, 1886 and 1910.

*Limits.*—Cambridge B.; and parishes of Cherry Hinton, Coton, Fen Ditton, Fulbourn, Girton, Grantchester, Great Shelford, Histon, Impington, Maddingley, Milton, Teversham, and Trumpington (Chesterton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Chalk, Springhead, Cherry Hinton; (2) Well in Chalk, Cherry Hinton; (3) Bore in Lower Greensand, Cherry Hinton; (4) Well in Chalk, Fulbourn. The average daily quantity of water derived from each source is, respectively, (1) 720,000 gallons, (2) 12,000 gallons, (3) 300,000 gallons, (4) 820,000 gallons; a further 280,000 per day could be obtained from (1); 280,000 gallons from (2); 50,000 gallons from (3); and 430,000 gallons from (4).

*Works.*—No filtration. Service reservoir:—Cherry Hinton, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,841,000 gallons. Supply is constant.



*Quality of Water.*—Quarterly chemical and daily bacteriological examination. Analyst remarks that chemically (26th July 1913) this is water of most excellent quality, and that bacteriologically (2nd July 1913) it is good. Hardness:—total, 17·79°; permanent, 3·29°. No action on lead.

**Canterbury Gas and Water Company.**—Supplies Canterbury C.B.; and parishes of Hackington (part), Herne (part), St. Dunstan Without (part), Sturry (part), Westbere (part) (Blean R.D.); Fordwich (part), Harbledown (part), Nackington (part), and St. Nicholas Hospital (Bridge R.D.); and furnishes a supply in bulk to Blean R.D.C.

*Powers.*—Canterbury Gas and Water Acts, 1866 and 1890; Canterbury Gas and Water Order, 1873.

*Limits.*—Canterbury C.B.; and parishes of Hackington, St. Cosmus and St. Damian in the Blean, Sturry, Westbere (Blean R.D.); Chartham, Fordwich, Harbledown, Lower Hardres, Milton, Nackington, St. Nicholas Hospital, Thanington Without, Upper Hardres (Bridge R.D.); Wingham (part) (Eastry R.D.); Boughton under Blean, and Dunkirk (Faversham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and boreholes in Chalk at Thannington. The average daily quantity of water obtained is 724,000 gallons, but the supply is unlimited.

*Works.*—No filtration. Service reservoir:—St. Thomas' Hill, Harbledown, 360,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 720,900 gallons and 3,100 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—periodical chemical and bacteriological examination. Hardness:—total, 18·9°; permanent, 2·2°. No action on lead.

**Carnforth District Waterworks Company.**—Supplies Carnforth U.D. (part); and parts of parishes of Warton with Lindeth (Lancaster R.D.); and Over Kellet (Lunesdale R.D.).

*Powers.*—Carnforth District Waterworks Act, 1877.

*Limits.*—Carnforth U.D.; and parishes of Warton with Lindeth (Lancaster R.D.); and Over Kellet (Lunesdale R.D.).

*Source of Supply (Nature and Sufficiency).*—Swarthbeck Stream, over Millstone Grit, at Over Kellet. Yield not known.

*Works.*—Water is filtered. Storage reservoir:—Over Kellet, 75,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 135,500 gallons. Supply is constant.

*Quality of Water.*—Good—quarterly chemical examination. Chemical analysis (4th July 1913), no comment. Hardness, total, 5°. No action on lead.

**Cefn, Acrefair, and Rhosymédre Water Company.**—Supplies parts of parishes of Llangollen Rural (Llangollen R.D.); and Cefn (Wrexham R.D.).

*Powers.*—Cefn, Acrefair, and Rhosymédre Water Act, 1866; Cefn, Acrefair, and Rhosymédre Water Amendment Act, 1871.

*Limits.*—Parishes of Llangollen Rural (part) (Llangollen R.D.); and Cefn (Wrexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and Trefynant Brook, intake at Trefynant. The average daily quantity of water available is 136,576 gallons.

*Works.*—No filtration. Storage reservoirs:—Cefn y fedw, 1,500,000 gallons; Gronwen, in Trevor Issa, 1,000,000 gallons; Gwernydd, 1,250,000 gallons; Sygynypwll, 1,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,049 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 8·3°. No action on lead.

**Chelsham and Woldingham Waterworks Company, Ltd.**—Supplies parts of parishes of Chelsham, Oxted, Titsey and Woldingham, (Godstone R.D.).

*Powers.*—Chelsham and Woldingham Water Order, 1910.

*Limits.*—Parishes of Chelsham (part), Limpsfield (part), Oxted (part), Titsey (part), and Woldingham (part) (Godstone R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk with headings, off Butlers Dene Road, Chelsham. The average daily quantity of water obtained is 60,000 gallons.

*Works.*—No filtration. Service reservoirs:—Oxted, 24,000 gallons; Woldingham, 100,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (8th May 1913) that the water is satisfactory. Hardness:—total, 15·7°; permanent, 3·0°. No action on lead.

**Chepstow Water Company.**—Supplies Chepstow U.D. (part); and parishes of St. Arvans (part), St. Arvans Grange, and St. Kingsmark (Chepstow R.D.); and furnishes a supply in bulk to Pwllmeyric Water Company, Ltd., who supply parts of parishes of Mathern and St. Pierre and Mounton (Chepstow R.D.).

*Powers.*—Chepstow Water Works Act, 1843.

*Limits.*—Chepstow U.D.; and parish of St. Arvans (Chepstow R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs and (2) two boreholes; all from Old Red Sandstone at Rogerstone Grange. The average daily quantity of water available from each source is, respectively, (1) 160,000 gallons, (2) 150,000 gallons. A further 150,000 gallons per day could be obtained from (1) in winter only.

*Works.*—No filtration. Storage reservoir:—Newchurch East, 1,000,000 gallons. Service reservoir:—Rogerstone Grange, 500,000 gallons; Mountain Road, Chepstow, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,000 gallons, and 1,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (21st February 1910) that the water is excellent. Total hardness, 3·3°. No action on lead.

**Chester Waterworks Company.**—Supplies Chester C.B.; Hoole U.D.; and parishes of Bache, Backford, Blacon cum Crabwall (part), Caughall, Chester Castle, Christleton (part), Great Boughton, Hoole Village (part), Lea by Backford (part), Littleton, Mollington (part), Moston (part), Newton by Chester, Upton by Chester (Chester R.D.); East Saltney (part), Sealand (part) (Hawarden R.D.); and Rowton (part) (Tarvin R.D.).

*Powers.*—Chester Waterworks Acts, 1857, 1874, and 1911.

*Limits.*—Chester C.B.; Hoole U.D.; and parishes of Bache, Backford, Blacon cum Crabwall, Chester Castle, Christleton, Claverton, Great Boughton, Hoole Village, Littleton, Marlston cum Lache, Mickle Trafford (part), Mollington, Moston, Newton by Chester, Upton by Chester (Chester R.D.); East Saltney, Hawarden, Sealand (Hawarden R.D.); Huntington and Rowton (Tarvin R.D.).

*Source of Supply (Nature and Sufficiency).*—River Dee, intake 1½ miles above Old Dee Bridge, Chester. The average daily quantity of water obtained is 2,126,000 gallons.

*Works.*—Filtration, 280 gallons per square yard per day. Service reservoirs:—Sedimentation, 500,000 gallons; filtered water, 413,000 gallons; high level tank, 268,000 gallons; all at Boughton. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,726,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical and fortnightly bacteriological examination. Hardness, 8°. No action on lead.

**Chiddingfold and District Water Company, Ltd.**—Supplies parts of parishes of Chiddingfold, Dunsfold and Witley (Hambledon R.D.).

*Powers.*—Chiddingfold and District Water Order, 1912.

*Limits.*—Parishes of Chiddingfold, Dunsfold and Witley (part) (Hambledon R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two wells, 62 feet, in Lower Greensand, Brook, Witley; (2) Various wells in gravel, beds of Weald Clay series, Rickhurst Dunsfold. The average daily quantity of water derived from each source is, respectively, (1) 14,000 gallons, (2) 20,000 gallons, and a further 142,000 gallons per day could be obtained from (1).

*Works.*—No filtration. Reservoirs:—Brook, 22,000 gallons; Rickhurst, 140,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 34,000 gallons. Supply is constant.

*Quality of Water.*—Good and soft. Water from (1) acts on lead, but lead pipes are not allowed; contains traces of iron.

**Chiltern Hills Spring Water Company.**—Supplies Aylesbury U.D. (part); Tring U.D. (part); and parishes of Aston Clinton (part), Buckland (part), Drayton Beauchamp (part), Halton (part), Hartwell (part), Stone (part), Upper Winchendon (part), Waddesdon, Weedon (part), Westcott (part), Weston Turville (part) (Aylesbury R.D.); Aldbury (part), Tring Rural (part), Wigginton (part) (Berkhampstead R.D.); and Wendover (part) (Wycombe R.D.); and furnishes supplies in bulk to Aylesbury R.D.C. and Berkhamstead R.D.C.

*Powers.*—Chiltern Hills Spring Water Act, 1870; Chiltern Hills Spring Water Order, 1876.



*Limits.*—Aylesbury U.D.; Tring U.D.; and parishes of Aston Clinton, Bierton with Broughton, Buckland, Cholesbury, Drayton Beauchamp, Fleet Marston, Halton, Hardwick, Hartwell, Hawridge, Quarrendon, Stone, Upper Winchendon, Waddesdon, Weedon, Westcott, Weston Turville (Aylesbury R.D.); Aldbury, Tring Rural, Wigginton (Berkhampstead R.D.); and Wendover (Wycombe R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and borings in Chalk:—(1) Dancers' End, Tring; (2) Wigginton, Tring. The average daily quantity of water derived from each source is, respectively, (1) 261,000 gallons, (2) 347,000 gallons, and a further 347,000 gallons per day could be obtained from (2).

*Works.*—No filtration. Storage reservoir:—Dancers' End, 2,140,000 gallons. Service reservoirs:—Dancers' End, (a) 566,581 gallons, (b) 251,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 605,700 gallons, and 2,285 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (1st April 1911) that chemically the water is excellent. Hardness, 4.25°. No action on lead.

**Clevedon Water Company.**—Supplies Clevedon U.D. (part); and parts of parishes of Kenn, Tickenham, and Walton in Gordano (Long Ashton R.D.).

*Powers.*—Clevedon Water Act, 1909.

*Limits.*—Clevedon U.D.; and parishes of Kenn, Tickenham, and Walton in Gordano (part) (Long Ashton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and borehole in New Red Sandstone, Tickenham Road, Clevedon; (2) Well in Lower Limestone Shales at Old Street, Clevedon (emergency supply). The average daily quantity of water available from (1) is 235,000 gallons.

*Works.*—No filtration. Service reservoirs:—Dial Hill, (a) 178,000 gallons, (b) 160,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 161,000 gallons. Supply is constant.

*Quality of Water.*—Good—quarterly chemical and occasional bacteriological examination. Hardness, 23.5°. No action on lead.

**Cleveland Water Company.**—Supplies Loftus U.D. (part); Saltburn by the Sea U.D.; Skelton and Brotton U.D. (part); and parishes of Kirkleatham (part), Marske and Upleatham (part) (Guisborough R.D.); and furnishes a supply in bulk to Redcar U.D.C.

*Powers.*—Cleveland Waterworks Acts, 1869, 1871, 1876, and 1889.

*Limits.*—Loftus U.D.; Redcar U.D. (part); Saltburn by the Sea U.D.; Skelton and Brotton U.D.; and parishes of Easington, Marske, Tocketts, Upleatham (Guisborough R.D.); Borrowby, Ellerby, Newton Mulgrave, and Roxby (Whitby R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground, 1,150 acres, in Stanghow and Moorsholm; (2) Springs on moorland from Middle and Lower Estuarine Series. The average daily quantity of water derived from each source is, respectively, (1) 400,060 gallons; (2) 295,358 gallons, and a further 100,000 gallons per day could be obtained from (1).

*Works.*—Filtration, 502 gallons per square yard per day. Storage reservoir:—Lockwood Moorland, 123,500,000 gallons. Service reservoirs:—Buckrush, 1,000,000 gallons; Skelton, 590,000 gallons; Upleatham, 790,000 gallons; New Marske, 322,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 596,849 gallons, and 98,569 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 3.5°. No action on lead.

**Colne Valley Water Company.**—Supplies Bushey U.D. (part); Harrow on the Hill U.D.; Hendon U.D. (part); Kingsbury U.D. (part); Ruislip Northwood U.D. (part); Watford U.D. (part); Wealdstone U.D.; Wembley U.D. (part); and parishes of Elstree (part), Ridge (part), Shenley (part) (Barnet R.D.); Edgware, Great Stanmore (part), Harrow Weald, Little Stanmore, Pinner (part) (Hendon R.D.); St. Stephen (part) (St. Albans R.D.); Northolt (part) (Uxbridge R.D.); Aldenham (part) and Watford Rural (part) (Watford R.D.).

*Powers.*—Colne Valley Water Acts, 1873, 1885, and 1907; Alperton Sudbury Water Order, 1884; Central Middlesex Water Act, 1894.

*Limits.*—Bushey U.D.; Harrow on the Hill U.D.; Hendon U.D. (part); Kingsbury U.D.; Ruislip Northwood U.D.; Watford U.D. (part); Wealdstone U.D.; Wembley U.D.; and parishes of Elstree, Ridge (part), Shenley (part) (Barnet R.D.); Edgware, Great Stanmore, Harrow Weald, Little Stanmore, Pinner (Hendon R.D.); Northolt (Uxbridge R.D.); Aldenham and Watford Rural (Watford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells with adits in Chalk, Bushey; (2) Well with adits in Chalk, Watford Rural (emergency supply). The average daily quantity of water derived from (1) is 3,250,000 gallons.



*Works.*—No filtration. Service reservoirs:—Bushey Heath, 6,250,000 gallons; Wembley, 500,000 gallons; Shenley tank, 24,000 gallons; Bushey Heath tank, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,250,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (15th December 1913) that the water is perfectly satisfactory. Hardness:—total, 8·4° (after softening). No action on lead.

**Connah's Quay Gas and Water Company, Ltd.**—Supplies Connah's Quay U.D. (part).

*Powers.*—Connah's Quay Gas and Water Order, 1876.

*Limits.*—Connah's Quay U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Broad Oak Brook at Wepre; (2) Deep drains and wells in sand and gravel beds overlying Carboniferous strata, Connah's Quay. The average daily quantity of water available from each source is 200,000 gallons.

*Works.*—Filtration, 467 gallons per square yard per day. Reservoirs:—Wepre, Connah's Quay (old), 100,000 gallons, (new) 260,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 24·3°; permanent, 8·86°. No action on lead.

**Corsham Water Works Company, Ltd.**—Supplies parts of parishes of Corsham, Lacock, and Pewsham (Chippenham R.D.).

*Powers.*—Corsham Water Orders, 1889 and 1891.

*Limits.*—Parishes of Corsham, Lacock, and Pewsham (Chippenham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in calcareous grit, Loxwell, Pewsham. The average daily quantity of water obtained is 60,000 gallons, and a further 130,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Loxwell, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Exceptionally good—occasional chemical examination. Hardness not known. No action on lead.

**Cranbrook District Water Company.**—Supplies Tenterden B. (part); and parts of parishes of Benenden, Cranbrook, Goudhurst, Hawkhurst (Cranbrook R.D.); Biddenden, High Halden, and Rolvenden (Tenterden R.D.).

*Powers.*—Cranbrook District Water Acts, 1895 and 1898.

*Limits.*—Tenterden B.; and parishes of Benenden, Cranbrook, Frittenden, Goudhurst, Hawkhurst, Sandhurst (Cranbrook R.D.); Beckley, Northiam (Rye R.D.); Biddenden, High Halden, Newenden, Rolvenden, Stone cum Ebony, Wittersham, and Woodchurch (Tenterden R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and two boreholes in Ashdown Sands at Goudhurst; (2) Well and headings in Tunbridge Wells Sands at Hawkhurst (emergency supply). The average daily quantity of water obtained from (1) is 200,000 gallons.

*Works.*—Water is filtered at Goudhurst (sand and pressure filters). Service reservoir:—Hartley, Cranbrook, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 200,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (8th December 1910) that chemically the water is very satisfactory after filtration and (21st January 1911) that it is of a high degree of bacterial purity. Hardness:—total, 8·6°; permanent, 5·6°. No action on lead; contains some iron.

**Cranleigh Water Company, Ltd.**—Supplies parts of parishes of Cranleigh and Wonersh (Hambledon R.D.).

*Powers.*—Cranleigh Water Order, 1886.

*Limits.*—Parishes of Cranleigh and Wonersh (part) (Hambledon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lower Greensand at Nore Brook, Bramley. The average daily quantity of water available is 70,000 gallons.

*Works.*—No filtration. Service reservoirs:—Nore Brook, 140,000 gallons; Lamb's Wood, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (18th December 1913) that chemically no exception can be taken to the water. Hardness:—total, 3·0°; permanent, 3·0°. Acts on lead, but lead pipes not used.



**Crawley and District Water Company.**—Supplies parts of parishes of Worth (East Grinstead R.D.); Crawley and Ifield (Horsham R.D.).

*Powers.*—Crawley and District Water Act, 1898.

*Limits.*—Parishes of Worth (part) (East Grinstead R.D.); Crawley and Ifield (Horsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and boring (811 feet) and artesian well (923 feet) in Tunbridge Wells Sand at Crawley. The average daily quantity of water available is 126,000 gallons.

*Works.*—No filtration. Reservoirs:—Ifield, 250,000 gallons; Tower at Crawley, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (19th April 1910) that chemically the water is suitable for drinking. Hardness, 3°. No action on lead.

**Crowborough District Water Company, Ltd.**—Supplies parts of parishes of Withyham (East Grinstead R.D.); Wadhurst (Ticehurst R.D.); Crowborough, Mayfield, and Rotherfield (Uckfield R.D.).

*Powers.*—Crowborough District Water Acts, 1897 and 1899.

*Limits.*—Parishes of Withyham (East Grinstead R.D.); Frant, Wadhurst (Ticehurst R.D.); Speldhurst (Tonbridge R.D.); Buxted, Crowborough, Hadlow Down, Mayfield, and Rotherfield (Uckfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and wells in Ashdown Sands. The average daily quantity of water obtained is 155,000 gallons.

*Works.*—Filtration, 36 gallons per square yard per hour. Service reservoirs:—The Beacon, Crowborough, 21,000 gallons; High Service, Crowborough, 150,000 gallons; Cottage Hill, Rotherfield, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 155,000 gallons. Supply is constant.

*Quality of Water.*—Fortnightly chemical and half-yearly bacteriological examination. Analyst remarks (6th January 1914) that the water is of good quality. Hardness:—total, 3·4°; permanent, 2·3°. Acts on lead and is treated with chalk and gypsum. The water contains iron.

**Daventry Water Works Company, Ltd.**—Supplies Daventry B. (part).

*Powers.*—The Daventry Enclosure Act, &c., 1806.

*Limits.*—Daventry B.

*Sources of Supply (Nature and Sufficiency).*—Springs at Borough Hill, Daventry. Yield not known.

*Works.*—No filtration. Service reservoir:—Borough Hill, Daventry, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Good. Very soft, but no action on lead.

**Dearne Valley Waterworks Company.**—Supplies Bolton upon Dearne U.D. (part); Darfield U.D. (part); Hoyland Nether U.D. (part); and parts of parishes of Billingley (Barnsley R.D.); Great Houghton, Little Houghton (Hemsworth R.D.); and Tankersley (Wortley R.D.); and furnishes a supply in bulk to Wombwell U.D.C.

*Powers.*—Dearne Valley Waterworks Act, 1880; Dearne Valley Order, 1901.

*Limits.*—Bolton upon Dearne U.D.; Darfield U.D.; Hoyland Nether U.D.; Wombwell U.D.; and parishes of Billingley (Barnsley R.D.); Great Houghton, Little Houghton (Hemsworth R.D.); and Wentworth (Rotherham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Everill Gate, Wombwell; (2) Supply in bulk from Sheffield T.C. (see page 128); (3) Well at Low Valley. The average daily quantity of water derived from each source is, respectively, (1) 329,715 gallons, (2) 54,000 gallons, (3) 250,000 gallons. A further 75,000 gallons per day could be obtained from (1), 46,000 gallons from (2), and 150,000 gallons from (3).

*Works.*—Filtration, 586 gallons per square yard per day. Service reservoirs:—Hoyland, 190,000 gallons; Great Houghton, 25,000 gallons; Goldthorpe, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 380,000 gallons, and 230,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (14th October 1913) that the water is free from objectionable impurity. Hardness (after filtration):—total, 25·8°; permanent, 11·3°. No action on lead; saline.



**Denbigh Water Company.**—Supplies Denbigh B. (part); and furnishes a supply in bulk to Denbigh T.C.

*Powers.*—Denbigh Waterworks Act, 1863; Denbigh Water Orders, 1873, 1882, and 1905.

*Limits.*—Denbigh B. (part).

*Source of Supply (Nature and Sufficiency).*—Borehole in New Red Sandstone, at Llwyn Isa, Llanrhaiadr. The average daily quantity of water available is 360,000 gallons.

*Works.*—No filtration. Storage reservoir:—Ty Mawr, Cliciedig, 5,000,000 gallons. Service reservoirs:—Love Lane, Denbigh, 140,000 gallons; Castle Common tank, 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 140,000 gallons, and 29,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th June 1906) that the water is of the very highest degree of organic purity. Hardness:—total, 17·1°; permanent, 6·6°. No action on lead.

**Donington Water Company.**—Supplies parts of parishes of Donington, Gosberton, and Quadring (Spalding R.D.).

*Powers.*—Donington Water Act, 1909.

*Limits.*—Parishes of Bicker, Swineshead, Wigtoft (Boston R.D.); Donington, Gosberton, Quadring and Surfleet (Spalding R.D.).

*Source of Supply (Nature and Sufficiency).*—Borehole (210 feet) into Lincolnshire Limestone, about 1½ miles from Donington. The average daily quantity of water available is 300,000 gallons.

*Works.*—No filtration. No reservoirs. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (10th May 1909) that the water is good. Hardness:—total, 19·46°; permanent, 4·48°. No action on lead.

**Dorking Water Company.**—Supplies Dorking U.D. (part); and parts of parishes of Capel, Dorking Rural, and Ockley (Dorking R.D.).

*Powers.*—Dorking Water Acts, 1869 and 1900; Dorking Water Orders, 1879, 1905, and 1907.

*Limits.*—Dorking U.D.; parishes of Capel, Dorking Rural, and Ockley (Dorking R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Artesian wells in Greensand at Station Road, Dorking; (2) Gathering grounds (50 acres) in Redlands Woods, Holmwood; (3) Long copse gathering grounds (25 acres) at Westcott; (4) Rookery gathering grounds (12 acres) at Westcott. The average daily quantity of water available from each source is, respectively, (1) 550,000 gallons; (2) 33,000 gallons; (3) 21,000 gallons; (4) 84,000 gallons.

*Works.*—Water is filtered. Storage reservoirs:—Tower Hill, 500,000 gallons; Dorking (lower), 57,000 gallons; Westcott, 64,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (14th March 1911) that the water is suitable for drinking. Hardness, 5°. No action on lead; contains some iron.

**Driffield Water Company.**—Supplies Great Driffield U.D. (part).

*Powers.*—Driffield Water Act, 1882.

*Limits.*—Great Driffield U.D.; and parishes of Emswell with Little Driffield, Nafferton, and Wansford (Driffield R.D.).

*Source of Supply (Nature and Sufficiency).*—Well bored into Chalk, Yorkshire Wolds. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Storage reservoir:—Spellowgate, Driffield, 350,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Dunstable Gas and Water Company.**—Supplies Dunstable B. (part), and part of parish of Houghton Regis (Luton R.D.).

*Powers.*—Dunstable Gas and Water Acts, 1871 and 1912.

*Limits.*—Dunstable B.; and parishes of Chalgrave, Hockliffe (Eaton Bray R.D.); Houghton Regis, Totternhoe (Luton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two wells connected by headings, in Chalk, London Road, Dunstable.\* The average daily quantity of water obtained is 175,000 gallons.

\* A new well and pumping station are being provided.



*Works.*—No filtration. Storage reservoir:—Dunstable, 140,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 175,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (27th April 1914) that the water is of the highest degree of organic purity and bacterially satisfactory. Hardness:—total, 17.7°; permanent, 3.3°. No action on lead.

**Eastbourne Waterworks Company.**—Supplies Eastbourne C.B.; and parts of parishes of Eastdean, Friston, Jevington, Pevensey, Westham, Willington (Eastbourne R.D.); and Hailsham (Hailsham R.D.).

*Powers.*—Eastbourne Waterworks Acts, 1859, 1875, 1881, 1889, 1896, and 1897.

*Limits.*—Eastbourne C.B.; and parishes of Eastdean, Folkington, Friston, Jevington, Litlington, Lullington, Pevensey, Westdean, Westham, Willington, Wilmington (Eastbourne R.D.); Arlington (part) and Hailsham (part) (Hailsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk at:—(1) Friston; (2) Wannock; (3) Holywell. The average daily quantity of water obtained from (1) is 1,750,000 gallons; (2) and (3) are emergency supplies.

*Works.*—No filtration. Reservoirs:—Meads Hill (No. 1), 3,762,000 gallons; (No. 2), 3,762,000 gallons; Paradise, 3,743,000 gallons; Mill Gap (No. 1), 1,350,000 gallons; (No. 2), 1,520,000 gallons; (No. 3), 2,207,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,750,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (23rd October 1913) that the water is most excellent. Hardness:—total, 13.02°; permanent, 2.38°. No action on lead.

**East Grinstead Gas and Water Company.**—Supplies East Grinstead U.D. (part), and part of parish of Forest Row (East Grinstead R.D.).

*Powers.*—East Grinstead Gas and Water Acts, 1878, 1892, and 1910.

*Limits.*—East Grinstead U.D.; and parish of Forest Row (East Grinstead R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells (93 feet) and adits in Tunbridge Wells sand, at Hackenden; (2) Wells and adits in Tunbridge Wells Sand, London Road; (3) Well and bore (142 feet) in Ashdown Beds at Forest Row. Yield not known.

*Works.*—Water from (1) only is filtered—pressure filters. Service reservoirs:—Ashurst Wood, 500,000 gallons; Towers, (a) London Road, 33,000 gallons; (b) Playfield, 30,000 gallons (under construction). Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 173,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (1st December 1913) that the water, after treatment, is of high quality. Hardness:—total, 4.6°; permanent, 3.6°. Acts on lead, but iron pipes are used.

**East Huntingdonshire Water Company.**—Supplies parishes of Bourn (part), Knapwell, Long Stowe (part) (Caxton and Arrington R.D.); Fen Stanton (part) (St. Ives R.D.); and Conington (part) (Swavesey R.D.); and furnishes supplies in bulk to St. Ives T.C. and Swavesey R.D.C.

*Powers.*—East Huntingdonshire Water Act, 1887; East Huntingdonshire Water Order, 1896.

*Limits.*—Godmanchester B.; Ramsey U.D.; St. Ives B.; and parishes of Bourn Caxton, Croxton, Elsworth, Eltisley, Graveley, Knapwell, Long Stowe, Papworth Everard, Papworth St. Agnes (Caxton and Arrington R.D.); Cottenham, Long Stanton All Saints, Long Stanton St. Michael, Rampton, Willingham (Chesterton R.D.); Haddenham (part), Sutton (Ely R.D.); Hartford, Upwood (Huntingdon R.D.); Bluntisham cum Earith, Bury, Colne, Fen Stanton, Hemingford Abbots, Hemingford Grey, Hilton, Holywell cum Needingworth, Houghton, Old Hurst, Pidley cum Fenton, Somersham, Warboys, Wistow, Woodhurst, Wyton (St. Ives R.D.); Abbotsley, Great Gransden (St. Neots R.D.); Conington, Fen Drayton, Over, and Swavesey (Swavesey R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep well and borehole through Gault into Lower Greensand, about half a mile from Bourn. The average daily quantity of water obtained is 63,000 gallons, and a further 70,000 gallons per day could be obtained.

*Works.*—Water is filtered for the removal of iron only. Service reservoir:—Knapwell Hill, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 27,000 gallons, and 36,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (28th April 1910) that the water is very good and pure. Hardness, 18°. No action on lead; contains iron.



**East Kent District Water Company.**—Supplies Dover B. (part); and parishes of Coldred (part), East Langdon (part), Guston (part), Lydden (part), Oxney (part), Ringwould (part), River, St. Margaret's at Cliffe (part), Sibertswold (part), Temple Ewell (part), West Cliffe (part), West Langdon (part), Whitfield (part) (Dover R.D.); Barfreston (part), Eythorne (part), Little Mongeham (part), Northbourne (part), Ripple (part), Sutton (part), Tilmanstone (part), and Waldershare (part) (Eastry R.D.); and furnishes a supply in bulk to Margate T.C. for part of parish of Womenswold (Bridge R.D.).

*Powers.*—East Kent District Water Act, 1889; East Kent District Water Order, 1910; Mid-Kent and East Kent District Water Act, 1913.

*Limits.*—Dover B. (part); and parishes of Coldred, East Langdon, Guston, Hougham Without, Lydden, Oxney, Poulton, Ringwould, River, St. Margaret's at Cliffe, Sibertswold, Temple Ewell, West Cliffe, West Langdon, Whitfield, Wootton (Dover R.D.); Barfreston, Eythorne, Little Mongeham, Northbourne, Ripple, Sutton, Tilmanstone, Waldershare (Eastry R.D.); Acrise, and Swingfield (Elham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk at Martin Mill. The average daily quantity of water obtained is 206,000 gallons, and a further 394,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Martin Mill, 125,000 gallons; St. Radigund's Abbey, 125,000 gallons; Singledge Lane, 104,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 198,800 gallons, and 7,200 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (22nd October 1913) that the water is palatable. Hardness:—total, 16.52°; permanent, 3.92°. No action on lead.

**East Surrey Water Company.**—Supplies Caterham U.D.; Reigate B. (part); and parishes of Coulsdon (part), Sanderstead (Croydon R.D.); Newdigate (part) (Dorking R.D.); Headley (part) (Epsom R.D.); Bletchingley (part), Chelsham (part), Crowhurst (part), Farleigh (part), Godstone (part), Horne (part), Lingfield (part), Tandridge (part), Warlingham, Woldingham (part) (Godstone R.D.); Betchworth (part), Buckland (part), Burstow (part), Chaldon (part), Charlwood (part), Chipstead (part), Gatton (part), Horley (part), Leigh (part), Merstham (part), Nutfield (part), and Walton on the Hill (part) (Reigate R.D.); and furnishes a supply in bulk to East Grinstead R.D.C.

*Powers.*—Caterham Spring Water Company's Acts, 1862 and 1881; East Surrey Water Acts, 1885 and 1896; Caterham Water Order, 1873; East Surrey Water Orders, 1894, 1900, and 1912.

*Limits.*—Caterham U.D.; Reigate B.; and parishes of Coulsdon, Sanderstead (Croydon R.D.); Newdigate (Dorking R.D.); Headley (Epsom R.D.); Bletchingley, Chelsham (part), Crowhurst, Farleigh, Godstone, Horne, Lingfield, Tandridge, Warlingham, Woldingham (part) (Godstone R.D.); Betchworth, Buckland, Burstow, Chaldon, Charlwood, Chipstead, Gatton, Horley, Leigh, Merstham, Nutfield, and Walton on the Hill (Reigate R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boreholes in Chalk at (1) Purley, (2) Kenley. The average daily quantity of water derived from each source is, respectively, (1) 1,361,581 gallons, (2) 1,053,735 gallons.

*Works.*—No filtration. Service reservoirs:—Selsdon Road, Sanderstead, 60,000 gallons; Reigate Park, 60,000 gallons; Reigate Hill, 80,000 gallons; Alderstead, Merstham, 5,000,000 gallons; Caterham on the Hill, 1,100,000 gallons; Dry Hill, Lingfield, 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,382,165 gallons and 33,151 gallons in bulk. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (February and May 1913) that the water is excellent. Hardness (after softening), 4.4°. No action on lead.

**East Worcestershire Waterworks Company.**—Supplies Bromsgrove U.D. (part); North Bromsgrove U.D. (part); Redditch U.D. (part); and parts of parishes of Ipsley (Alcester R.D.); Alvechurch, Bentley Paucefoot, Grafton Manor, North Redditch, Stoke Prior, Tutnall and Cobley, Webheath (Bromsgrove R.D.); Dodderhill, Hadzor, and Upton Warren (Droitwich R.D.); and furnishes supplies in bulk to Droitwich T.C., Alcester R.D.C., Bromsgrove R.D.C., and Feckenham R.D.C.

*Powers.*—East Worcestershire Water Acts, 1877 and 1902.

*Limits.*—Bromsgrove U.D.; Droitwich B.; North Bromsgrove U.D.; Redditch U.D.; and parishes of Ipsley, Sambourn, Studley (Alcester R.D.); Bentley Paucefoot, Grafton Manor, North Redditch, Stoke Prior, Tutnall and Cobley, Webheath (Bromsgrove R.D.); Crutch, Dodderhill, Doverdale, Elmbridge, Elmley Lovett, Hadzor, Hampton Lovett, Hanbury, Ombersley, Upton Warren, Westwood Park (Droitwich R.D.); Feckenham (Feckenham R.D.); Chaddesley Corbett, and Rushock (Kidderminster R.D.).



*Sources of Supply (Nature and Sufficiency).*—Artesian wells in New Red Sandstone :—(1) Three at Burcot, (2) Two at Catshill. The average daily quantity of water derived from each source is, respectively, (1) 841,062 gallons; (2) 395,188 gallons, and a further 298,938 gallons per day could be obtained from (1) and 193,812 gallons from (2).

*Works.*—No filtration. Service reservoirs :—Burcot, 300,000 gallons; Lickey, 50,000 gallons; Headless Cross, 200,000 gallons; Headless Cross Tower, 20,000 gallons; Whetty Rubery, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,010,572 gallons and 145,558 gallons in bulk. Supply is constant.

*Quality of Water.*—Frequent chemical examination. Analyst remarks (8th May 1913) that the water is excellent. Hardness :—(1) total, 8·37°; permanent, 5·6°; (2) total, 11·5°; permanent, 5·5°. No action on lead.

**Elham Valley Water Company, Ltd.**—Supplies parts of parishes of Elham, Lyminge, Saltwood, and Stanford (Elham R.D.).

*Powers.*—Elham Valley Water Orders, 1904 and 1912.

*Limits.*—Parishes of Elham, Lyminge, Postling, Saltwood, and Stanford (Elham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well with adit in Chalk, at Lyminge. The average daily quantity of water obtained is 17,778 gallons.

*Works.*—No filtration. Service reservoir :—Farthing Common, Lyminge, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 17,778 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (21st July 1913) that chemically the water is very satisfactory. Hardness :—total, 16·7°; permanent, 2·3°. No action on lead.

**Elloughton and Brough Water Company, Ltd.**—Supplies parts of parishes of Elloughton with Brough, and Brantingham (Beverley R.D.).

*Powers.*—Brough Water Order, 1908.

*Limits.*—Parishes of Elloughton with Brough, and Brantingham (Beverley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Chalk at Elloughton Dale. The average daily quantity of water obtained is 30,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir :—Elloughton Dale, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 30,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 16°. No action on lead.

**Ely Rural District Water Company.**—Works not yet commenced.

*Powers.*—Ely Rural District Water Act, 1911.

*Limits.*—Parishes of Coveney, Downham, Grunty Fen, Hoddenham, Littleport (part), Mepal (part), Stretham, Sutton (part), Thetford, Wentworth, Wilburton, Witcham, and Witchford (Ely R.D.).

**Falmouth Waterworks Company.**—Supplies Falmouth B.; Penryn B. (part); and parishes of Budock Rural (part), and St. Gluvias (part) (East Kerrier R.D.).

*Powers.*—Falmouth Waterworks Acts, 1847, 1862, and 1877; Falmouth Water Act, 1891.

*Limits.*—Falmouth B.; Penryn B.; and parishes of Budock Rural, and St. Gluvias (East Kerrier R.D.).

*Sources of Supply (Nature and Sufficiency).*—Gathering grounds (1,858 acres), 2½ miles from Falmouth. Yield not known.

*Works.*—Filtration, 740 gallons per square yard per day. Storage reservoir :—Near Falmouth, No. 4 Pool, 60,000,000 gallons. Service reservoirs :—(1) Pool, 10,000,000 gallons; (2) Pool, 5,500,000 gallons; (3) Pool, 1,000,000 gallons; High Level Pool, 2,000,000 gallons; High Level Tank, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 740,000 gallons. Supply is constant.

*Quality of Water.*—Good—annual chemical examination. Hardness, 2·25°. No action on lead.

**Farnham Water Company, Ltd.**—Supplies Farnham U.D. (part).

*Powers.*—Farnham Water Order, 1886; The Wey Valley, Frimley, and Farnham Water Act, 1898.

*Limits.*—Farnham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Artesian wells in Upper and Lower Greensand at Darvill's Lane, Farnham; (2) Springs from Bagshot Sand, at Heathy Park and Warren Corner, Farnham. The average daily quantity of water derived from each source is, respectively, (1) 245,000 gallons; (2) 15,000 gallons; and a further 200,000 gallons per day could be obtained from (1).



*Works.*—Filtration, 585 gallons per square yard per day. Reservoir:—"Victoria," Gravel Hill, Farnham, 600,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 260,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 15°. No action on lead; contains some iron.

**Faversham Water Company.**—Supplies Faversham B. (part); and parts of parishes of Davington, Faversham Without, Luddenhams, North Preston Without, Oare, Ospringe, and South Preston Without (Faversham R.D.).

*Powers.*—The Faversham Water Act, 1901.

*Limits.*—Faversham B.; and parts of parishes of Davington, Faversham Without, North Preston Without, Oare, Ospringe, and South Preston Without (Faversham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and adits in Chalk (90 to 130 feet) at Faversham Without, Ospringe, and South Preston. The average daily quantity of water obtained is 298,000 gallons, and a further 374,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Ospringe, (a) 235,900 gallons, (b) 535,125 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 298,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (20th December 1912) that chemically the water is satisfactory. Hardness:—total, 20·9°; permanent, 3·3°. No action on lead.

**Felixstowe and Walton Waterworks Company.**—Supplies Felixstowe and Walton U.D. (part); and parts of parishes of Trimley St. Martin and Trimley St. Mary (Woodbridge R.D.).

*Powers.*—The Felixstowe and Walton Waterworks Acts, 1895, and 1911.

*Limits.*—Felixstowe and Walton U.D.; and parishes of Trimley St. Martin, and Trimley St. Mary (Woodbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and borings in Chalk at (1) Sprites Hall, Trimley St. Mary; (2) Felix Road, Felixstowe; (3) Little Grove, Trimley St. Martin. The average daily quantity of water derived from each source is, respectively, (1) 32,000 gallons; (2) 4,000 gallons; (3) 180,000 gallons; a further 68,000 gallons per day could be obtained from (1), and 20,000 gallons from (2).

*Works.*—Water from (3) only is filtered. Reservoirs:—Felix Road Tank, 28,000 gallons; Sprites Hall Tank, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 216,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (25th April 1913) that the water is of great organic purity. Hardness:—total, 18·2°; permanent, 4·8°. No action on lead; contains some iron.

**Fisherton Anger and Bemerton Waterworks Company.**—Supplies Salisbury B. (part); and part of parish of Bemerton (Wilton R.D.).

*Powers.*—Fisherton Anger and Bemerton Waterworks Company Act, 1867.

*Limits.*—Salisbury B. (part); and part of parish of Bemerton (Wilton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Wells in Chalk, Devizes Road, Salisbury. The average daily quantity of water derived from each source is, respectively, (1) 234,000 gallons; (2) 140,000 gallons; a further 200,000 gallons per day could be obtained from (1) and 120,000 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—Devizes Road, (a) 204,000 gallons, (b) 10,000 gallons; Pembroke Park Estate (High Level) 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 223,000 gallons. Supply is constant.

*Quality of Water.*—Good, but hard. No action on lead.

**Flint Gas and Water Company, Ltd.**—Supplies Flint B. (part).

*Powers.*—Flint Gas and Water Order, 1876.

*Limits.*—Flint B.

*Sources of Supply (Nature and Sufficiency).*—Springs from glacial drift:—(1) Coedon, in Flint; (2) Gwaith y Coed, in Coles Hill. The average daily quantity of water derived from each source is, respectively, (1) 80,000 gallons, (2) 20,000 gallons.

*Works.*—Filtration, (1) 500 gallons, (2) 250 gallons, per square yard per day. Service reservoirs:—Coedon, 47,870 gallons; Little London, 286,350 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 24·5°; permanent 5·3°. No action on lead.



**Folkestone Waterworks Company.**—Supplies Cheriton U.D.; Folkestone B. (part); Sandgate U.D. (part); and parts of parishes of Alkham, Capel le Ferne and Lydden (Dover R.D.), Hawkinge (Elham R.D.); and furnishes a supply in bulk to Sandgate U.D.C. (*see* page 125).

*Powers.*—Folkestone Waterworks Acts, 1848, 1864, 1871, 1888, and 1898; Folkestone Waterworks Act Amendment Acts, 1855 and 1858.

*Limits.*—Cheriton U.D.; Folkestone B.; Sandgate U.D.; and parishes of Alkham, Capel le Ferne, Lydden (Dover R.D.); and Hawkinge (Elham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Adits in Chalk at Cherry Gardens; (2) Spring from chalk at Cherry Gardens; (3) Well and adits in Chalk at Lower Standen, Capel; (4) Well and adits in Lower Greensand at Cherry Gardens. The average daily quantity of water derived from each source is, respectively, (1) 156,000 gallons, (2) 156,000 gallons, (3) 1,000,000 gallons, (4) 30,000 gallons; a further 700,000 gallons per day could be obtained from (4), which is an emergency supply.

*Works.*—No filtration. Reservoirs:—"Hart," 12,000,000 gallons; "Bateman," 2,000,000 gallons; "Spurgen," 6,000,000 gallons; High Service, 630,000 gallons; Shorncliffe Camp supply, Cherry Gardens, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,331,400 gallons and 10,600 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (15th December 1913) that the water is satisfactory. Hardness:—total, 18·0°; permanent, 2·6°. No action on lead.

**Freshwater and Yarmouth Water Company, Ltd.**—Supplies parts of parishes of Freshwater, Shalfleet, Totland, and Yarmouth (Isle of Wight R.D.).

*Powers.*—Freshwater and Yarmouth Water Order, 1887.

*Limits.*—Parishes of Freshwater, Shalfleet (part), Thorley (part), Totland (part), and Yarmouth (Isle of Wight R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Freshwater Gate; (2) Well at Shalcombe. The average daily quantity of water available from each source is, respectively, (1) 30,000 gallons, (2) 360,000 gallons.

*Works.*—No filtration. Service reservoirs:—(1) Afton Down, 150,000 gallons; (2) Shalcombe Down, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (20th October 1913) that the water is of great organic purity. Hardness:—total, 12°; permanent, 3°. No action on lead. (1) is saline.

**Frimley and Farnborough District Water Company.**—Supplies Farnborough U.D. (part); Fleet U.D. (part); Frimley U.D. (part); and parts of parishes of Nately Scures, Newnham (Basingstoke R.D.); Crowthorne, Sandhurst (Easthampstead R.D.); Ash and Normandy (Farnham R.D.); Cove, Crondall, Crookham, Dogmersfield, Greywell, Hawley with Minley, Odiham, Rotherwick, South Warnborough, Winchfield, and Yateley (Hartley Wintney R.D.); and furnishes a supply in bulk to Wey Valley Water Company (*see* page 226).

*Powers.*—Frimley and Farnborough District Water Acts, 1893 and 1909; Wey Valley, Frimley and Farnham Water Act, 1898; Frimley and Farnborough District Water Orders, 1901 and 1904.

*Limits.*—Farnborough U.D.; Fleet U.D.; Frimley U.D.; and parishes of Andwell, Mapledurwell, Nately Scures, Newnham, Up Nately, Upton Grey, Weston Patrick (Basingstoke R.D.); Crowthorne, Sandhurst (Easthampstead R.D.); Ash and Normandy (Farnham R.D.); Bramshill, Cove, Crondall, Crookham, Dogmersfield, Elvetham, Eversley, Greywell, Hawley with Minley, Heckfield, Long Sutton, Mattingley with Hazeley, Odiham, Rotherwick, South Warnborough, Winchfield, and Yateley (Hartley Wintney R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from gravel, Frimley railway cuttings; (2) Wells and boreholes in Chalk at Itchell; (3) Well in Chalk at Greywell. The average daily quantity of water derived from each source is, respectively, (1) 302,562 gallons; (2) 440,449 gallons; (3) 173,915 gallons.

*Works.*—Filtration at (1) only, 225 gallons per square yard per day. Reservoirs:—Frith Hill, Low Level (a) 250,000 gallons, (b) 750,000 gallons; Heathy Park, High Level, (a) 311,000 gallons, (b) 613,000 gallons, (c) 613,000 gallons, (d) 677,000 gallons; Black Hill, 823,000 gallons; Swaineshill, High Level, 700,000 gallons; Sturt Lane, Frimley (a) 564,000 gallons, (b) 1,044,500 gallons, (c) 1,009,500 gallons, (d) 783,000 gallons, (e) 103,000 gallons; Greywell, 1,150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 766,926 gallons, and 150,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Satisfactory—monthly bacteriological examination. Hardness:—18° (after softening, 7°).



**Garw Water Company.**—Supplies Ogmore and Garw U.D. (part), and part of parish of St. Bride Minor (Penybont R.D.); and furnishes a supply in bulk to Penybont R.D.C. (see page 109).

*Powers.*—Garw Water Act, 1889.

*Limits.*—Ogmore and Garw U.D. (part); and parishes of Newcastle Higher (part), and St. Bride Minor (Penybont R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Blaengarw Streams, Garw Valley; (2) Ocean Stream, Blaengarw; (3) Nantyci Stream, near Blackmill; (4) Dymbath Stream and its tributaries, Dymbath Valley; (5) Nantgelliwern Stream; (6) Ffynon Torgweli, Cwm Garw. Yield not known. (5) and (6) are emergency supplies.

*Works.*—No filtration. Storage reservoir:—Nantyci Dingle, 2,500,000 gallons. Service reservoirs:—Blaengarw (a) 10,000 gallons, (b) 7,000 gallons; Ocean, 22,000 gallons; Nantgelliwern, 1,500 gallons; Nantgadlys, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 550,000 gallons, and 80,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Soft, but no action on lead.

**Gosport Waterworks Company.**—Supplies Gosport and Alverstoke U.D. (part); and parts of parishes of Shedfield, Swanmore (Droxford R.D.); and Wickham (Fareham R.D.).

*Powers.*—Gosport Water Acts, 1858 and 1904; Gosport Water Orders, 1872, 1883, and 1897.

*Limits.*—Gosport and Alverstoke U.D.; and parishes of Shedfield, Swanmore (Droxford R.D.); Crofton, Rowner, and Wickham (Fareham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 155 feet, and heading 385 feet, in chalk under Tertiary Clays, at Mislingford, Soberton; (2) Well shafts, with borings, 330 feet, in Bagshot Sands, at Bury Cross, Alverstoke. The average daily quantity of water derived from (1) is 950,000 gallons, and a further 450,000 gallons per day could be obtained; (2) is an emergency supply.

*Works.*—No filtration. Service reservoirs:—Gravel Hill, Shedfield, 2,100,000 gallons; Foxbury Point, Bedenham, 230,000 gallons; Bury Cross, Alverstoke, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 950,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (21st July 1913) that the water is excellent. Hardness:—total, 16°; permanent, 3·5°. No action on lead.

**Grantham Waterworks Company.**—Supplies Grantham B. (part); and parts of parishes of Great Gonerby and Spittlegate Without (Grantham R.D.).

*Powers.*—Grantham Waterworks Acts, 1873 and 1909.

*Limits.*—Grantham B.; and parishes of Manthorpe and Spittlegate Without (Grantham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lincolnshire Limestone, River Witham Valley, and at Stroxtun. The average daily quantity of water obtained is 900,000 gallons and a further 2,100,000 gallons per day could be obtained.

*Works.*—Filtration, 450 gallons per square yard per day. Storage reservoirs:—Saltersford (a) 7,250,000 gallons, (b) 400,000 gallons. Service reservoir:—Spittlegate Hill, 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 900,000 gallons. Supply is constant.

*Quality of Water.*—Good—periodical chemical and bacteriological examination. Hardness:—total, 13·23°; permanent, 3·64°. No action on lead.

**Gravesend and Milton Waterworks Company.**—Supplies Gravesend B. (part); Northfleet U.D. (part); and parish of Denton (part) (Strood R.D.).

*Powers.*—Gravesend and Milton Waterworks Acts, 1846 and 1897; Gravesend and Milton Water Order, 1909.

*Limits.*—Gravesend B.; and Northfleet U.D.

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, at East Hill, Milton next Gravesend and Northfleet. The average daily quantity of water obtained is 800,000 gallons, and a further 2,200,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—East Hill, 500,000 gallons, Northfleet, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 800,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (25th March 1914) that the water is fully up to its old standard of excellence. Hardness:—total 21·6°; permanent, 4·1°. No action on lead.



**Great Berkhamstead Waterworks Company.**—Supplies Great Berkhamstead U.D. (part); and parts of parishes of Ashley Green (Amersham R.D.), Great Berkhamstead Rural, and Northchurch (Berkhamstead R.D.).

*Powers.*—Great Berkhamstead Water Order, 1885; Great Berkhamstead Water Works Act, 1900.

*Limits.*—Great Berkhamstead U.D.; and parishes of Ashley Green, Latimer (Amersham R.D.); Great Berkhamstead Rural, Little Gaddesden, Northchurch (Berkhamstead R.D.); Flaunden, Great Gaddesden (Hemel Hempstead R.D.); Edlesborough, Ivinghoe, and Pitstone (Wing R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Tube wells bored into Chalk at High Street, Berkhamstead. The average daily quantity of water obtained is 480,000 gallons.

*Works.*—No filtration. Storage reservoirs:—King's Hill (a) 260,000 gallons, (b) 106,000 gallons; Potter End, 15,000 gallons; Green Lane, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 480,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (19th December 1913) that the water is well adapted for drinking purposes. Hardness:—total, 14·5°; permanent, 5°. No action on lead.

**Great Grimsby Waterworks Company, Ltd.**—Supplies Grimsby C.B. (part); Cleethorpes with Thurnscoe U.D. (part); and parts of parishes of Great Cotes, Healing, Immingham, Little Coates, Scartho, and Weelsby (Grimsby R.D.).

*Powers.*—Great Grimsby Waterworks Act, 1863; Great Grimsby Water Order, 1906.

*Limits.*—Grimsby C.B.; Cleethorpes with Thurnscoe U.D.; and parishes of Aylesby, Bradley, Great Cotes, Habrough, Healing, Immingham, Laceby, Little Coates, Scartho, Stallingborough, Waltham, and Weelsby (Grimsby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian borings in Chalk at (1) Little Coates, (2) Cleethorpes, (3) Immingham, and (4) Healing. The average daily quantity of water derived from each source is, respectively, (1) 2,750,000 gallons; (2) 1,500,000 gallons; (3) 25,000 gallons; (4) 20,000 gallons; a further 8,000,000 gallons per day could be obtained from (1); 1,500,000 gallons from (2); 375,000 gallons from (3); and 2,000,000 gallons from (4).

*Works.*—No filtration. Service reservoirs:—Scartho, 350,000 gallons; Cleethorpes, 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,285,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and periodical bacteriological examination. Analyst remarks (28th November 1913) that chemically the water is palatable. Hardness:—total, 22·7°; permanent, 4°. No action on lead.

**Great Marlow Water Company, Ltd.**—Supplies Marlow U.D. (part); and parts of parishes of Bisham (Cookham R.D.), Chepping Wycombe Rural, Great Marlow, Little Marlow, and Wooburn (Wycombe R.D.).

*Powers.*—Marlow Water Orders, 1889 and 1902.

*Limits.*—Marlow U.D.; and parishes of Bisham (Cookham R.D.), Medmenham (Hambleden R.D.), Great Marlow, Little Marlow, and Wooburn (Wycombe R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep bore wells (1) at Chalk Pit, Marlow; (2) at Bourne End. The average daily quantity of water derived from each source is, respectively, (1) 169,000 gallons; (2) 106,000 gallons; a further 119,000 gallons per day could be obtained from (1), and 182,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Chalk Pit, Marlow, 160,000 gallons; Marlow Common, 200,000 gallons; Northern Woods, Wooburn, 200,000 gallons; Northern Woods Tower, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 261,000 gallons. Supply is constant.

*Quality of Water.*—Good, but hard. No action on lead.

**Great Yarmouth Waterworks Company.**—Supplies Great Yarmouth C.B. (part); and parts of parishes of Caister next Yarmouth, Ormesby St. Margaret with Scratby, and Ormesby St. Michael (East and West Flegg R.D.).

*Powers.*—Great Yarmouth Waterworks Acts, 1853, 1857, 1869, 1880, and 1899; Great Yarmouth Waterworks and Lowestoft Water and Gas Act, 1907.

*Limits.*—Great Yarmouth C.B.; and parishes of Caister next Yarmouth, Ormesby St. Margaret with Scratby, and Ormesby St. Michael (East and West Flegg R.D.).

*Sources of Supply (Nature and Sufficiency).*—Shallow lake supplied by springs and drainage area of 10,000 acres; Ormesby Broad, 8 miles from Great Yarmouth. Yield not known.



*Works.*—Water is twice filtered, firstly, 234 gallons per square yard per day, secondly, 520 gallons per square yard per day. Service reservoirs:—Caister, 1,250,000 gallons; Gorleston, 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,524,458 gallons. Supply is constant.

*Quality of Water.*—Good—monthly chemical and bacteriological examination. Hardness:—total, 14.4°; permanent, 3.8°. No action on lead; contains some chlorine.

**Guisborough Water Company.**—Supplies Guisborough U.D. (part).

*Powers.*—Guisborough Water Orders, 1871, 1880, and 1911.

*Limits.*—Guisborough U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Moorland gathering ground, 550 acres, (2) springs about two miles from Guisborough. Yield not known.

*Works.*—Pressure filters. Storage reservoir:—Wentworth Plantation, 11,000,000 gallons. Service reservoir:—tank 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 130,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (3rd January 1914) that the water is satisfactory. Hardness:—total, 5.8°; permanent, 4°. Acts slightly on lead, and is treated with lime.

**Hailsham Water Company.**—Supplies parts of parishes of Hailsham and Hellingly (Hailsham R.D.).

*Powers.*—Hailsham Water Act, 1885.

*Limits.*—Parts of parishes of Arlington, Hailsham, Hellingly, and Herstmonceux (Hailsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Three wells in Tunbridge Wells Sand at Amberstone, Hellingly. The average daily quantity of water obtained is 115,000 gallons.

*Works.*—Filtration, 324 gallons per square yard per day. Service reservoir:—Carter's Corner, Hellingly, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 115,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (6th July 1910) that the water is safe for drinking. Hardness, 3.4°. No action on lead; but contains some iron.

**Harpenden Water Company, Ltd.**—Supplies Harpenden U.D. (part); and parish of Harpenden Rural (part) (St. Albans R.D.).

*Powers.*—Harpenden Water Orders, 1889 and 1899.

*Limits.*—Harpenden U.D.; and parish of Harpenden Rural (St. Albans R.D.).

*Sources of Supply (Nature and Sufficiency).*—Three wells with boreholes, Shakespeare Road, Harpenden. The average daily quantity of water obtained is 138,000 gallons, and a further 80,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Shakespeare Road (a) 100,000 gallons, (b) 35,000 gallons; Towers (1) 75,000 gallons, (2) 123,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 138,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (29th July 1913) that the water is excellent. Hardness:—total, 20.5°; permanent, 3°. No action on lead.

**Hartlepool Gas and Water Company.**—Supplies West Hartlepool C.B. (part); Hartlepool B.; and parts of parishes of Greatham, Hart, Seaton, Stranton, and Throston Rural (Hartlepool R.D.).

*Powers.*—Hartlepool Gas and Water Acts, 1846, 1867, 1878, 1898, and 1900; Hartlepool Gas and Water Amendment Act, 1874.

*Limits.*—West Hartlepool C.B.; Hartlepool B.; and parishes of Brierton, Claxton, Dalton Piercy, Elwick, Greatham, Hart, Seaton, Stranton, Thorpe Bulmer, and Throston Rural (Hartlepool R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boreholes in Magnesian Limestone, West Hartlepool. The average daily quantity of water obtained is 2,750,000 gallons, and a further 1,000,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—West Hartlepool (a) 190,000 gallons, (b) 400,000 gallons; Naisberry Hart, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,700,000 gallons. Supply is constant.

*Quality of Water.*—Frequent chemical and periodical bacteriological examination. Analyst remarks (10th April 1911) that the water is of a high degree of organic and bacterial purity. Hardness:—total, 28.2°; permanent, 7.4°. No action on lead; slightly saline.



**Hawarden and District Waterworks Company.**—Supplies Buckley U.D. (part); and parts of parishes of Hawarden, Sealand, West Saltney (Hawarden R.D.); Cilcain, Mold Rural, and Northop (Holywell R.D.).

*Powers.*—Hawarden and District Waterworks Act, 1883.

*Limits.*—Buckley U.D.; and parishes of Hawarden (part), Tryddyn (part), West Saltney (Hawarden R.D.); Cilcain, Mold Rural, and Northop (Holywell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Garth Stream, Moel Famma, near Cilcain. The average daily quantity of water obtained is 600,000 gallons, and a further 220,000 gallons per day could be obtained.

*Works.*—Pressure filters. Storage reservoirs:—Cilcain (a) 1,250,000 gallons, (b) 4,250,000 gallons, (c) 7,000,000 gallons, (d) 23,000,000 gallons. Service reservoirs:—Buckley, 1,000,000 gallons; Hawarden (a) 500,000 gallons, (b) 15,000 gallons; Shotton, 500,000 gallons; Cherry Orchard, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 570,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 2·5°. Acts on lead, but tin alloy pipes are used.

**Heathfield and District Water Company.**—Supplies parts of parishes of Heathfield (Hailsham R.D.), Burwash, Etchingham, Salehurst, and Ticehurst (Ticehurst R.D.), Waldron (Uckfield R.D.).

*Powers.*—Ticehurst and Robertsbridge Water Act, 1902; Ticehurst and District Water and Gas Act, 1904; Heathfield and District Water Act, 1913.

*Limits.*—Parishes of Heathfield, Hellingly (part) (Hailsham R.D.), Burwash, Etchingham, Salehurst, and Ticehurst (Ticehurst R.D.) Waldron (part) (Uckfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian well, 65 feet, through Wadhurst Clay to Ashdown Sands, at Crowhurst Crossing, Burwash. The average daily quantity of water obtained is 70,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—Water is filtered. Storage reservoirs:—Burwash Common, 150,000 gallons; Heathfield, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 63,800 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analysis (April 1913), no comment. Hardness, 9·4°. Acts on lead, but iron pipes only are allowed. Water contains some iron.

**Helston and Porthleven Water Company.**—Supplies Helston B. (part), and parts of parishes of Breage, Sithney, and Wendron (Helston R.D.).

*Powers.*—Helston and Porthleven Water Act, 1888.

*Limits.*—Helston B.; and parishes of Breage, Sithney, and Wendron (Helston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Four springs, intercepted underground, (1) two at Tregathenan, (2) one at Chyreen, and (3) one at Halavance. The average daily quantity of water available from each source is, respectively, (1) 60,000 gallons; (2) 20,000 gallons, (3) 15,000 gallons.

*Works.*—No filtration. Storage reservoir:—Tregathenan, 3,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Very good—periodical chemical examination. Hardness not known. No action on lead.

**Henley on Thames Water Company, Ltd.**—Supplies Henley on Thames B. (part); and parts of parishes of Badgemore, Harpsden, Rotherfield Greys, Rotherfield Peppard, Shiplake (Henley R.D.); and Remenham (Wokingham R.D.).

*Powers.*—Henley on Thames Water Orders, 1881, 1901, and 1912.

*Limits.*—Henley on Thames B.; and parishes of Badgemore, Harpsden (part), Rotherfield Greys (part), Rotherfield Peppard (part), Shiplake (part) (Henley R.D.); and Remenham (part) (Wokingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian well, 240 feet, in Chalk, Chiltern Hills, near Henley. The average daily quantity of water obtained is 280,000 gallons, and a further 350,000 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoirs at Badgemore, 247,000 gallons, and Harpsden, 254,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 280,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total, 8°; permanent, 4°. No action on lead.

**Herne Bay Waterworks Company.**—Supplies Herne Bay U.D. (part); and parts of parishes of Herne, Hoath, and Reculver (Blean R.D.).

*Powers.*—Herne Water Act, 1867; Herne Water Orders, 1871, 1883, 1888, and 1906; Herne Bay Water Act, 1899.



*Limits.*—Herne Bay U.D.; and parishes of Herne, Hoath, and Reculver (Blean R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk at Ford, Hoath. The average daily quantity of water obtained is 320,000 gallons, and a further 330,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Mickleburgh Hill (a) 750,000 gallons, (b) 150,000 gallons; Herne Bay Tower, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 320,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total 18°. No action on lead.

**Herts and Essex Waterworks Company, Ltd.**—Supplies Epping U.D. (part); Sawbridgeworth U.D. (part); and parts of parishes of Epping Upland, Great Parndon, Harlow, Latton, Little Parndon, Magdalen Laver, Matching, Nazeing, Netteswell, North Weald Bassett, Roydon, Sheering, Theydon Bois, Theydon Garnon (Epping R.D.); High Wych (Hadham R.D.); Bobbingworth, Chipping Ongar, Greensted, High Ongar, Lambourne, Shelley, Stanford Rivers, and Theydon Mount (Ongar R.D.); and furnishes a supply in bulk to Hatfield Broad Oak Water Company, Ltd., who supply part of parish of Hatfield Broad Oak (Dunmow R.D.).

*Powers.*—Herts and Essex Water Orders, 1879, 1885, and 1907.

*Limits.*—Epping U.D.; Sawbridgeworth U.D.; and parishes of Epping Upland, Great Parndon, Harlow, Latton, Little Parndon, Magdalen Laver, Matching, Nazeing, Netteswell, North Weald Bassett, Roydon, Sheering, Theydon Bois, Theydon Garnon (Epping R.D.); High Wych (Hadham R.D.); Abbess Roding, Beauchamp Roding, Bobbingworth, Chipping Ongar, Fyfield, Greensted, High Laver, High Ongar, Kelvedon Hatch, Lambourne, Little Laver, Moreton, Navestock, Shelley, Stanford Rivers, Stapleford Abbots, Stapleford Tawney, Stondon Massey, and Theydon Mount (Ongar R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Chalk at Sawbridgeworth. Yield not known. (2) Supply in bulk from Metropolitan Water Board (*see* page 163). The average daily quantity of water obtained from (2) is 205 gallons.

*Works.*—No filtration. Reservoirs:—Roderick Lane, Sawbridgeworth, 395,000 gallons; Windmill, Epping, 125,000 gallons; Tower at Epping, 29,000 gallons; Rye Mill, Parndon, 140,000 gallons; Toothill, Greensted, 3,000 gallons; Ongar 7,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons, and 35,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—occasional chemical and bacteriological examination. Hardness:—total, 14°; permanent, 6°. No action on lead.

**Higham and Hundred of Hoo Water Company.**—Supplies Northfleet U.D. (part); and parts of parishes of Allhallows, High Halstow, Hoo, St. Mary Hoo, Stoke (Hoo R.D.); Cliffe, Cobham, Cuxton, Frindsbury Extra, Higham, Ifield, Meopham, and Shorne (Strood R.D.).

*Powers.*—Higham and the Hundred of Hoo Water Acts, 1890 and 1905; Higham and the Hundred of Hoo Amendment Act, 1898.

*Limits.*—Parishes of Allhallows, Cooling, High Halstow, Hoo, Isle of Grain, St. Mary Hoo, Stoke (Hoo R.D.); Chalk, Cliffe, Cobham, Cuxton, Frindsbury Extra, Higham, Luddesdown, Meopham, Shorne, and Strood Extra (Strood R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in the Upper Chalk at Higham; (2) Supply in bulk from Mid Kent Water Company (*see* page 202). The average daily quantity of water derived from each source is, respectively, (1) 151,631 gallons, (2) 46,173 gallons; a further 150,000 gallons per day could be obtained from (1), and 18,827 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Pear Tree Lane, Shorne, 200,000 gallons; Meopham, 200,000 gallons; High Halstow 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 197,804 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical examination. Analyst remarks (8th December 1913) that the water is quite satisfactory. Hardness:—total, 15.1°; permanent, 5.0°. No action on lead.

**Hoddesdon Waterworks Company, Ltd.**—Supplies Hoddesdon U.D. (part).

*Powers.*—Hoddesdon Order, 1884.

*Limits.*—Hoddesdon U.D.

*Sources of Supply (Nature and Sufficiency).*—Well at Niddefield, Hoddesdon. Yield not known.

*Works.*—No filtration. Service reservoir:—Westfield, Hoddesdon, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—total, 22°; permanent, 10°. No action on lead.



**Holyhead Waterworks Company.**—Supplies Holyhead U.D. (part); and parts of parishes of Holyhead Rural and Llanynghenedl (Valley R.D.).

*Powers.*—Holyhead Waterworks Act, 1866; Holyhead Water Orders, 1885 and 1895; Holyhead Water Act, 1906.

*Limits.*—Holyhead U.D. and parish of Holyhead Rural (Valley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Cwm springs from schist and gneiss on Holyhead Mountain; (2) two springs from schist and gneiss on Holyhead Mountain; (3) Ffynnon Wrach and Ffynnon Wen springs from schist and gneiss on Holyhead Mountain; (4) gathering ground, 952 acres, at Llyn Traffwll, about 6 miles from Holyhead. The average daily quantity of water derived from (4) is 62,500 gallons. Yield of other sources not known.

*Works.*—Water from (1), (2), and (4) is filtered; (4) 500 gallons per square yard per day. Storage reservoirs:—Llyn Traffwll, 47,000,000 gallons; Holyhead Mountain, New, 5,000,000 gallons; Old, 2,500,000 gallons. Service reservoirs:—Mill Bank, 80,000 gallons; Capel Siloh, 150,000 gallons; Cwm, 2,500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 164,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (30th October 1913) that the water is good. Hardness:—total, 5·6°; permanent, 4·2°. No action on lead.

**Holyhead and North Wales Gas and Water Corporation, Ltd.**—Supplies part of parish of Llanberis (Gwyrfai R.D.).

*Powers.*—Llanberis Gas and Water Order, 1895.

*Limits.*—Part of parish of Llanberis (Gwyrfai R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River, Afon Goch; (2) River, Afon Hwch. Yield not known.

*Works.*—Water is filtered. Storage reservoirs:—Gellihybrant and Afon Goch, Llanberis, capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Medium hardness. No action on lead.

**Horncastle Water Company.**—Supplies Horncastle U.D. (part) and parts of parishes of Hemingby and West Ashby (Horncastle R.D.).

*Powers.*—Horncastle Water Act, 1882.

*Limits.*—Horncastle U.D.; and parishes of Hemingby, Thornton, and West Ashby (Horncastle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk and carstone, at Cawkwell. Yield not known.

*Works.*—No filtration. Service reservoir:—Cawkwell, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and frequent bacteriological examination. Analyst remarks (26th January 1914) that the water is of great bacterial purity. Hardness, 14°. No action on lead.

**Hoyle and West Kirby Gas and Water Company, Ltd.**—Supplies Hoyle and West Kirby U.D. (part); and parishes of Caldy, Frankby (part), Grange, Greasby (part), Moreton, and Saughall Massie (Wirral R.D.).

*Powers.*—Hoyle and West Kirby Gas and Water Orders, 1878 and 1899; Hoyle and West Kirby Water Orders, 1887, 1893, 1900, and 1906.

*Limits.*—Hoyle and West Kirby U.D.; and parishes of Caldy, Frankby, Grange, Greasby (part), Moreton, and Saughall Massie (Wirral R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two wells and boreholes with headings in red sandstone at Grange Hill; (2) Deep borehole in red and grey sandstone with marl at Newton. The average daily quantity of water obtained is 950,000 gallons, and a further 500,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Grange Hill, West Kirby, (a) 585,000 gallons; (b) 2,804,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 900,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (13th June 1913) that the water is excellent. Hardness:—total, 12·6°; permanent, 6·3°. No action on lead.

**Hungerford Waterworks Company, Ltd.**—Supplies part of parish of Hungerford (Hungerford R.D.).

*Powers.*—Hungerford Water Orders, 1901 and 1909.

*Limits.*—Parish of Hungerford (Hungerford R.D.).



*Sources of Supply (Nature and Sufficiency).*—Well, 130 feet, in Chalk, Salisbury Road, Hungerford. The average daily quantity of water obtained is 20,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Salisbury Road, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Good, but hard. No action on lead.

**Kenilworth Water Company, Ltd.**—Supplies Kenilworth U.D. (part).

*Powers.*—Kenilworth Water Order, 1882.

*Limits.*—Kenilworth U.D.

*Sources of Supply (Nature and Sufficiency).*—(1) Shallow adit<sup>\*</sup> in sandstone on red marl at the Common, Kenilworth; (2) Borehole, 220 feet, through sandstone and marl at the Common; (3) Borehole, 275 feet, through sandstone and marl at the Common. The average daily quantity of water derived from each source is, respectively, (1) 50,000 gallons, (2) 50,000 gallons, (3) 70,000 gallons; a further 20,000 gallons per day could be obtained from (1), 20,000 gallons from (2), and 76,000 gallons from (3).

*Works.*—No filtration. Service reservoir:—Tainter's Hill, Kenilworth, 24,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 170,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (14th August 1913) that the water is good. Hardness, 19°. No action on lead.

**Knutsford Light and Water Company.**—Supplies Knutsford U.D. (part); and parts of parishes of Bexton, Tabley Superior, and Toft (Bucklow R.D.).

*Powers.*—Knutsford Gas and Water Orders, 1871 and 1902; Knutsford Light and Water Act, 1879.

*Limits.*—Knutsford U.D.; and parishes of Bexton, Rostherne (part), Tabley Inferior, Tabley Superior, and Toft (Bucklow R.D.).

*Sources of Supply (Nature and Sufficiency).*—Pedley Brook and Marthall Brook, intake at Booth Mill on Mobberley Road, Knutsford. Yield not known.

*Works.*—Filtration, 146 gallons per square yard per day. Storage reservoir:—Mill Pond, Booth Mill, 3,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—periodical chemical and bacteriological examination. Hardness, 16°. No action on lead; saline.

**Leatherhead and District Waterworks Company.**—Supplies Esher and the Dittons U.D. (part); Leatherhead U.D. (part); and parts of parishes of Effingham, Mickleham (Dorking R.D.); Ashted, Cobham, Fetcham, Great Bookham, Little Bookham, and Stoke d'Abernon (Epsom R.D.); and furnishes a supply in bulk to Epsom R.D.C.

*Powers.*—Leatherhead and District Waterworks Act, 1883; Leatherhead and District Water Orders, 1890 and 1903.

*Limits.*—Leatherhead U.D.; and parishes of Mickleham (Dorking R.D.); Ashted, Cobham, Fetcham, Great Bookham, Little Bookham, and Stoke d'Abernon (Epsom R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borings into Chalk at Fetcham. The maximum daily quantity of water available is 1,000,000 gallons.

*Works.*—No filtration. Service reservoirs:—Highlands, 2,500,000 gallons; Reigate Road, 125,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The maximum daily supply is 896,000 gallons and 4,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (4th December 1913) that a purer water could not be obtained. Hardness:—total, 17°; permanent, 3°. No action on lead.

**Lewes Waterworks Company.**—Supplies Lewes B. (part).

*Powers.*—Lewes Waterworks Act, 1868.

*Limits.*—Lewes B.

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, Kingston. The average daily quantity of water obtained is 400,000 gallons.

*Works.*—No filtration. Service reservoirs:—Kingston, 327,000 gallons; Western Road, St. Ann's, (a) 250,000 gallons, (b) 72,000 gallons; Race Hill, 284,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 400,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and half-yearly bacteriological examination. Analyst remarks (8th December 1913) that the water is very good. Hardness:—total, 13·3°; permanent, 2·4°. No action on lead.

\* This source has recently been abandoned and a third borehole sunk.



**Limpsfield and Oxted Water Company.**—Supplies parts of parishes of Limpsfield, Oxted, Tatsfield, and Titsey (Godstone R.D.); Chiddingstone, Cowden, Edenbridge, Hever, and Westerham (Sevenoaks R.D.).

*Powers.*—Limpsfield and Oxted Water Acts, 1888 and 1902.

*Limits.*—Parishes of Limpsfield (part), Oxted (part), Tatsfield, Titsey (Godstone R.D.); Cowden, Edenbridge, and Westerham (part) (Sevenoaks R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells in Hythe Beds at Paines Hill, Limpsfield; (2) Bored tube wells in Folkestone Beds at Westwood, Tatsfield. The average daily quantity of water derived from each source is, respectively, (1) 100,000 gallons, (2) 214,000 gallons; a further 120,000 gallons per day could be obtained from (1) and 510,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Pastings, Paines Hill, Limpsfield, (a) 70,000 gallons, (b) 30,000 gallons; Kent Hatch; Crockham Hill, 240,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 314,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (12th December 1912) that the water is excellent. Hardness:—(1) total, 9·3°; permanent, 4·9°; (2) total, 10·9°; permanent, 2·1°. No action on lead.

**Littlestone on Sea and District Water Company.**—Supplies Lydd B. (part) and New Romney B. (part).

*Powers.*—Littlestone on Sea and District Water Act, 1904.

*Limits.*—Lydd B.; New Romney B.; and parishes of Dymchurch, Hope All Saints', and St. Mary in the Marsh (Romney Marsh R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in the beach with fenced catchment area of 12 acres at Lydd. The maximum daily yield is 95,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Lydd, 60,000 gallons; Littlestone, 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (18th November 1912) that the water is of a high degree of organic purity and bacterially most satisfactory. Hardness:—total, 4·9°; permanent, 2·1°. Acts on lead, but galvanised iron pipes are used.

**Louth Water Company.**—Supplies Louth B. (part).

*Powers.*—Louth Waterworks Act, 1871.

*Limits.*—Louth B.; and parish of Louth Park (Louth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk, (1) at Hubbard's Hill, Hallington; (2) at Welton. The average daily quantity of water available from each source is, respectively, (1) 300,000 gallons; (2) 900,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Hallington, (a) 105,000 gallons, (b) 170,000 gallons. Service reservoir:—Horncastle Road, Louth, 1,200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 514,285 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 14°. No action on lead.

**Lowestoft Water and Gas Company.**—Supplies Lowestoft B. (part); Oulton Broad U.D. (part); and parts of parishes of Ashby, Belton, Blundeston, Corton, Gunton, Hopton, Lound, Oulton, Pakefield, and Somerleyton (Mutford and Lothingland R.D.).

*Powers.*—Lowestoft Water, Gas and Market Acts, 1857, 1863, and 1877; Lowestoft Water and Gas Acts, 1897 and 1899; Great Yarmouth Waterworks and Lowestoft Water and Gas Act, 1907.

*Limits.*—Lowestoft B.; Oulton Broad U.D.; and parishes of Ashby, Belton, Blundeston, Carlton Colville, Corton, Flixton, Gunton, Hopton, Lound, Oulton, Pakefield, and Somerleyton (Mutford and Lothingland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from glacial sand at Hopton, Lound, and Belton Valleys. Yield not known.

*Works.*—Filtration, 600 gallons per square yard per day. Storage reservoirs:—Hopton, Lound, and Belton, 40,000,000 gallons. Service reservoir:—Lowestoft, 1,024,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 827,129 gallons. Supply is constant.

*Quality of Water.*—Safe and wholesome—monthly chemical and bacteriological examination. Hardness:—total, 12·46°; permanent, 8·3°. No action on lead; contains a trace of manganese.



**Luton Water Company.**—Supplies Luton B.; and parts of parishes of Lilley (Hitchin R.D.); Leagrave, Limbury, and Stopsley (Luton R.D.).

*Powers.*—Luton Water Acts, 1865, 1897, and 1911; Luton Water Order, 1880.

*Limits.*—Luton B.; and parishes of Hyde, Leagrave, Limbury, and Stopsley (Luton R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, Crescent Road, Luton. The average daily quantity of water obtained is 1,383,701 gallons, and a further 2,616,299 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Hart Lane, Luton, (a) 500,000 gallons, (b) 1,250,000 gallons, (c) 2,000,000 gallons; Tower, 20,000 gallons; Bailey Hill Tower, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,383,701 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical examination. Analyst remarks (5th August 1913) that the water is quite suitable for all dietetic purposes. Hardness:—total, 18·5°; permanent, 5·6°.

**Maidenhead Waterworks Company.**—Supplies Maidenhead B. (part); and parts of parishes of Bisham, Bray, Cookham, Hurley, Shottesbrooke, Waltham St. Lawrence, White Waltham (Cookham R.D.); and Warfield (Easthampstead R.D.).

*Powers.*—Maidenhead Waterworks Act, 1875; Maidenhead Water Orders, 1893 and 1900; Maidenhead Gas and Water Order, 1905.

*Limits.*—Maidenhead B.; and parishes of Bray, Cookham, Hurley, Shottesbrooke, Waltham St. Lawrence, and White Waltham (Cookham R.D.); Ruscombe (part) (Wokingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two wells in Chalk with headings, College Avenue; (2) Two wells in chalk with headings, Ham Farm, Cookham. The average daily quantity of water derived from each source is, respectively, (1) 600,000 gallons; (2) 277,000 gallons; a further 600,000 gallons per day could be obtained from (1), and 432,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Pond House, Maidenhead, 600,000 gallons; Mount Hill, Cookham Dean, 450,000 gallons; Wellyers Lane, Warfield, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 877,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (6th September 1913) that the water is satisfactory. Hardness:—(1) total 24·2°, permanent 7·7°; (2) total 22·4°, permanent 5·6°. Acts on lead, and use of lead pipes is discouraged.

**Maidstone Waterworks Company.**—Supplies Maidstone B. (part); and parts of parishes of Boxley (Hollingbourne R.D.); East Barming, East Farleigh, Loose, West Farleigh (Maidstone R.D.); and Allington (Malling R.D.).

*Powers.*—Maidstone Waterworks Acts, 1860, 1863, 1882, and 1885; Maidstone Water Orders, 1873, 1874, 1879, 1896, 1899, and 1906.

*Limits.*—Maidstone B.; and parishes of Boxley (Hollingbourne R.D.); East Barming, East Farleigh, and Loose (Maidstone R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk and Lower Greensand, at Boxley and Aylesford. The average daily quantity of water obtained is 1,000,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Boxley, 200,000 gallons; Detling, 500,000 gallons; Maidstone, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,000,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and half-yearly bacteriological examination. Analyst remarks (22nd November 1913) that chemically the water is excellent, and (19th August 1913) that bacteriologically it is satisfactory. Hardness:—total, 18·6°; permanent, 4·6°. No action on lead; contains a slight trace of iron.

**Market Drayton Water Company.**—Supplies Market Drayton U.D. (part) and parts of parishes of Tyrley (Blore Heath R.D.); and Norton in Hales (Drayton R.D.).

*Powers.*—Market Drayton Water Act, 1891.

*Limits.*—Market Drayton U.D. and parishes of Tyrley (Blore Heath R.D.); Moreton Say (part), Norton in Hales (part) and Sutton upon Tern (Drayton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Burntwoods, Blore. Yield not known.

*Works.*—No filtration. Reservoirs:—Blore, (a) 300,000 gallons, (b) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness:—total, 12·6°; permanent, 5·4°. Acts on lead, but lead pipes are not allowed.



**Market Rasen Water Company.**—Supplies Market Rasen U.D. (part); and parish of Tealby (part) (Caistor R.D.).

*Powers.*—Market Rasen Water Act, 1875.

*Limits.*—Market Rasen U.D.; and parishes of Middle Rasen, Tealby (Caistor R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from Chalk at Bully Hill, Tealby. The average daily quantity of water obtained is 150,000 gallons and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is insufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Analyst remarks (23rd February 1914) that the water is good.

Hardness:—20·8°, permanent 4·4°. No action on lead.

**Market Weighton Water Company, Ltd.**—Supplies parts of parishes of Goodmanham, and Market Weighton and Arras (Pocklington R.D.).

*Powers.*—Market Weighton Water Order, 1884.

*Limits.*—Part of parish of Market Weighton and Arras (Pocklington R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Spring Wells near Market Weighton. The average daily quantity of water obtained is 42,000 gallons.

*Works.*—No filtration. Service reservoir:—Spring Wells, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 42,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Mexborough and District Water Company, Ltd.**—Supplies Mexborough U.D. (part).

*Powers.*—Mexborough District Water Order, 1879.

*Limits.*—Mexborough U.D.

*Sources of Supply (Nature and Sufficiency).*—Well and borehole in Mexborough. The average daily quantity of water obtained is 250,000 gallons.

*Works.*—Filtration, 1,000 gallons per square yard per day. Storage reservoirs:—Helena Street, Clayfields, (a) 80,000 gallons, (b) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 250,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (24th December 1910) that the water is fairly satisfactory. Hardness, 23·4°. No action on lead; contains some iron.

**Mid-Kent Water Company.**—Supplies Ashford U.D. (part); Northfleet U.D. (part); Wrotham U.D. (part); and parts of parishes of Barham, Kingston (Bridge R.D.); Ash, Fawkham, Hartley, Kingsdown, Longfield, Ridley (Dartford R.D.); Boughton Aluph, Kennington, Wye (East Ashford R.D.); Doddington, Lynstead, Newnham, Norton, Stalisfield, Teynham (Faversham R.D.); Boughton Malherbe, Broomfield, Chart Sutton, East Sutton, Frinsted, Harrietsham, Hollingbourne, Langley, Leeds, Lenham, Otterden, Sutton Valence, Thornham, Ulcombe, Wichling (Hollingbourne R.D.); Bearstead, Boughton Monchelsea, Hunton, Linton, Marden, Nettlestead, Otham, Staplehurst, Teston, Yalding (Maidstone R.D.); Addington, Aylesford, Birling, Burham, Ditton, East Malling, Ightham, Leybourne, Mereworth, Offham, Ryarsh, Snodland, Stansted, Trottisccliffe, Wateringbury, West Malling, Wouldham (Malling R.D.); Bapchild, Borden, Bredgar, Kingsdown, Milsted, Rodmersham, Tonge, Tunstall (Milton R.D.); Kemsing (Sevenoaks R.D.); Halling, Nurstead (Strood R.D.); Biddenden, High Halden (Tenterden R.D.); Bethersden, Charing, Egerton, Great Chart, Hothfield, Little Chart, Pluckley, Smarden, and Westwell (West Ashford R.D.); and furnishes supplies in bulk to South Kent Water Company (see page 214), Higham and the Hundred of Hoo Water Company (see page 197), and Hollingbourne R.D.C.

*Powers.*—Mid-Kent Water Acts, 1898 and 1900; Mid-Kent Water Orders, 1888, 1890, 1895, 1901, 1902, 1903, 1906, and 1907; Mid Kent and East Kent District Water Act, 1913.

*Limits.*—Wrotham U.D.; and parishes of Barham, Kingston, Petham, Upper Hardres, Waltham (Bridge R.D.); Frittenden (Cranbrook R.D.); Ash, Fawkham, Hartley, Kingsdown, Longfield, Ridley (Dartford R.D.); Aldington, Bilsington, Bircholt, Bonnington, Boughton Aluph, Brabourne, Brook, Challock, Chilham, Crundale, Eastwell, Godmersham, Hastingleigh, Kennington, Mersham, Molash, Orlestone, Ruckinge, Sevington (part), Smeeth, Warehorne, Wye (East Ashford R.D.); Elmsted Stelling, Stelling Minnis (Elham R.D.); Badlesmere, Doddington, Eastling, Leaveland, Lynstead, Newnham, Norton, Selling, Sheldwich, Stalisfield, Teynham, Throwley (Faversham R.D.); Bicknor, Boughton Malherbe, Broomfield, Chart Sutton, East Sutton, Frinsted, Harrietsham, Hollingbourne, Hucking, Langley, Leeds, Lenham, Otterden, Sutton Valence, Thornham, Ulcombe, Wichling, Wormshill (Hollingbourne



R.D.); Bearstead, Boughton Monchelsea, Hunton, Linton, Marden, Nettlestead, Otham, Staplehurst, Teston, Yalding (Maidstone R.D.); Addington, Aylesford, Birling, Burham, Ditton, East Malling, Ightham, Leybourne, Mereworth, Offham, Ryarsh, Snodland, Stansted, Trottisciffe, Watlingbury, West Malling, West Peckham, Wouldham (part) (Malling R.D.); Borden, Bredgar, Kingsdown, Milsted, Rodmersham, Tonge, Tunstall (Milton R.D.); Kemsing (Sevenoaks R.D.); Denton, Halling, Nurstead (Strood R.D.); Biddenden, High Halden (Tenterden R.D.); Bethersden, Charing, Egerton, Great Chart, Hothfield, Kingsnorth, Little Chart, Pluckley, Shadoxhurst, Smarden, and Westwell (West Ashford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Three wells in Lower Greensand, Lower Halling; (2) Well in greensand, Charing Hill; (3) Well in Greensand, Coppins Corner, Charing; (4) Spring from Kentish Rag, Pluckley. The average daily quantity of water derived from each source is, respectively, (1) 880,000 gallons; (2) nil; (3) 252,000 gallons; (4) 5,000 gallons. A further 800,000 gallons per day could be obtained from (1); 192,000 gallons from (2); 372,000 gallons from (3); and 67,000 gallons from (4).

*Works.*—No filtration. Service reservoirs:—Fox Hill, Lower Halling, 500,000 gallons; Deans Hill, Upper Halling, 200,000 gallons; Chapel Lane, Upper Halling, 1,000,000 gallons; The Beech, Mereworth, 285,000 gallons; Haxey Down, Wrotham, 336,000 gallons; Stede Hill, Harrietsham, 30,000 gallons; Coxheath, 30,000 gallons; Charing Hill, 280,000 gallons; Warren Street, Lenham, 330,000 gallons; Pluckley, 16,000 gallons; Sutton Valence, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 872,000 gallons, and 265,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Monthly chemical and occasional bacteriological examination. Analyst remarks (1st January 1914) that chemically the water is satisfactory. Hardness:—total, 11·55°; permanent, 4·27°. No action on lead.

**Mold Gas and Water Company.**—Supplies Mold U.D. (part), and part of parish of Mold Rural (Holywell R.D.).

*Powers.*—Mold Gas and Water Act, 1867; Mold Water Act, 1892.

*Limits.*—Mold U.D.; and parishes of Tryddyn (part) (Hawarden R.D.), Cilcain (part), Mold Rural (part), and Nerquis (Holywell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Cwm Llydan stream; (2) Brithdir stream; (3) Cwmbach stream. Yield not known.

*Works.*—No filtration.\* Storage reservoir:—Brithdir Mawr, 9,000,000 gallons. Service reservoir:—Gwernymyndd, Hendrebiffa, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 252,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (5th February 1914) that bacterially the water is not satisfactory. Soft and slightly acid. Action on lead not known.

**Monmouth Gas and Waterworks Company, Ltd.**—Supplies Monmouth B. (part), and parish of Dixon Newton (part) (Monmouth R.D.).

*Powers.*—Monmouth Gas and Water Order, 1873.

*Limits.*—Monmouth B.; and parish of Dixon Newton (Monmouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Wye intake at Wye Bridge; (2) Two springs from Old Red Sandstone. The average daily quantity of water derived from each source is, respectively, (1) 150,000 gallons; (2) 50,000 gallons; an unlimited supply could be obtained from (1).

*Works.*—Filtration, 450 gallons per square yard per day. Service reservoirs:—May Hill, (a) 300,000 gallons, (b) 60,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 200,000 gallons. Supply is intermittent.

*Quality of Water.*—Occasional examination. Analyst remarks that chemically the water is excellent. Hardness:—14·9°. No action on lead.

**Newbury District Water Company, Ltd.**—Supplies Newbury B. (part), and parts of parishes of Enborne, Greenham, Shaw cum Donnington, Speen, and Thatcham (Newbury R.D.).

*Powers.*—Newbury District Water Order, 1876.

*Limits.*—Newbury B. (part); and parish of Speen (Newbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk at Speen. The average daily quantity of water obtained is 300,000 gallons, and a further 700,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Speen, (a) 120,000 gallons, (b) 120,000 gallons, (c) 240,000 gallons; Wash Common, 50,000 gallons. Pressure is sufficient.

\* An efficient system of filtration is about to be provided.



*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Half-yearly chemical and bacteriological examination. Analyst remarks (14th June 1913) that the water is excellent. Hardness:—total,  $19^{\circ}6^{\circ}$ ; permanent,  $3^{\circ}85^{\circ}$ .

**Newcastle and Gateshead Water Company.**—Supplies Gateshead C.B.; Newcastle upon Tyne C.B.; Blaydon U.D. (part); Cramlington U.D. (part); Felling U.D. (part); Gosforth U.D. (part); Longbenton U.D. (part); Newburn U.D. (part); Prudhoe U.D. (part); Ryton U.D. (part); Wallsend B.; Whickham U.D. (part); and parishes of Corsenside (part), Rochester Ward (part), Troughend (part) (Bellingham R.D.), Black Callerton (part), Brenkley, Darras Hall, Dinnington (part), East Brunton, Fawdon, Heddon on the Wall (part), Houghton and Close House (part), Kenton (part), Little Callerton (part), Mason, Newbiggin (part), North Gosforth, Ponteland (part), Prestwick (part), Stannington (part), West Brunton (part), West Matfen (part), Whorlton, Woolsington (Castle Ward R.D.), Birtley (part), Harraton (part), Lambton (part), Lamesley (part), South Biddick (part) (Chester le Street R.D.), Broomley (part), Horsley (part), Ovingham, Spital, Whittle, and Wylam (Hexham R.D.); and furnishes supplies in bulk to Blyth U.D.C. (see page 20); Earsdon U.D.C., Seghill U.D.C., Weetslade U.D.C., and Chester le Street R.D.C.

*Powers.*—Newcastle and Gateshead Water Works Acts, 1863, 1866, 1870, 1876, 1877, 1889, 1890, 1894, 1898, 1902, and 1904; Blaydon and Ryton Water (Transfer) Act, 1908.

*Limits.*—Gateshead C.B.; Newcastle upon Tyne C.B.; Blaydon U.D. (part); Blyth U.D.; Earsdon U.D.; Felling U.D.; Gosforth U.D.; Longbenton U.D. (part); Newburn U.D.; Prudhoe U.D.; Ryton U.D.; Seghill U.D.; Wallsend B.; Weetslade U.D.; Whickham U.D. (part); and parishes of Berwick Hill, Black Callerton, Brenkley, Darras Hall, Dinnington, East Brunton, Fawdon, Harlow Hill, Heddon on the Wall (part), High Callerton, Horton Grange, Houghton and Close House, Kenton, Little Callerton, Mason, Newbiggin, North Gosforth, Ponteland, Prestwick, Rudchester, Stannington (part), West Brunton, Whorlton, Woolsington (Castle Ward R.D.), Birtley, Lamesley (part) (Chester le Street R.D.), Broomley (part), Horsley, Nafferton, Ovingham, Ovington, Spital, Welton, Whittle, and Wylam (Hexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Rede intake at Catcleugh; (2) Swin Burn, at Colt Crag; (3) Erring Burn, Hallington; (4) River Pont, Matfen. The average daily quantity of water available is 24,550,000 gallons.

*Works.*—Filtration, 540 gallons per square yard per day. Storage reservoirs:—Catcleugh, Rede Valley, 2,305,000,000 gallons; Colt Crag, near Barrasford, 1,067,000,000 gallons; Little Swinburn, 34,000,000 gallons; West Hallington, near Colwell, 743,000,000 gallons; East Hallington, near Colwell, 685,000,000 gallons; Great Northern, Whittle Dene, 112,000,000 gallons; Northern Subsiding, Whittle Dene, 8,000,000 gallons; Northern, Whittle Dene, 28,000,000 gallons; Western Subsiding, Whittle Dene, 3,000,000 gallons; Western, Whittle Dene, 67,000,000 gallons; Lower, Whittle Dene, 104,000,000 gallons; Supplementary, Whittle Dene, 3,000,000 gallons; Great South, Whittle Dene, 201,000,000 gallons. Service reservoirs:—Benwell, 3,000,000 gallons; Fenham, 4,500,000 gallons; Carrs Hill, 10,000,000 gallons; Beacon Lough, Gateshead on Tyne, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 8,020,000 gallons and 942,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—monthly chemical and weekly bacteriological examination. Hardness:—total,  $13^{\circ}$ ; permanent,  $6^{\circ}1^{\circ}$ . No action on lead.

The Company also supplies part of parish of West Matfen (Castle Ward R.D.) from a spring at Matfen. The yield of the spring is not known, but a constant and adequate supply of good water is given through a tower of 6,500 gallons at Matfen.

**Newhaven and Seaford Water Company.**—Supplies Newhaven U.D. (part) Seaford U.D. (part); and of parishes of Bishopstone (part), Denton, and Piddinghoe (part), (Newhaven R.D.), and furnishes a supply in bulk to Admiral Brand, who supplies parishes of Beddingham (part), Glynde (part), (Chailey R.D.) and South Heighton (Newhaven R.D.).

*Powers.*—Newhaven and Seaford Water Order, 1881; Newhaven and Seaford Water Act, 1898.

*Limits.*—Newhaven U.D.; Seaford U.D.; and parishes of Bishopstone, Denton, and Piddinghoe (Newhaven R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Upper Chalk at Poverty Bottom, Newhaven. The average daily quantity of water obtained is 282,900 gallons, and a further 717,100 gallons per day could be obtained.



*Works.*—No filtration. Service reservoir:—Bullock Hill, East Blatchington, 290,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 280,000 gallons and 2,900 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—occasional examination. Hardness, 21°. No action on lead.

**Newmarket Waterworks Company, Ltd.**—Supplies Newmarket U.D. (part); and parts of parishes of Cheveley and Woodditton (Newmarket R.D.).

*Powers.*—Newmarket Water Orders, 1883, 1884, and 1897.

*Limits.*—Newmarket U.D.; and parishes of Burwell, Cheveley, and Woodditton (Newmarket R.D.).

*Sources of Supply (Nature and Sufficiency).*—Underground water in Chalk at Southfield, Exning. The average daily quantity of water obtained is 268,493 gallons, and a further 400,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Warren Hill, Cheveley, 264,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 214,315 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (7th February 1913) that the water is of excellent purity. Hardness not known. No action on lead.

**Newquay and District Water Company.**—Supplies Newquay U.D. (part); and parts of parishes of Colan, St. Columb Major, and St. Columb Minor Rural (St. Columb Major R.D.).

*Powers.*—Newquay and District Water Acts, 1882 and 1907.

*Limits.*—Newquay U.D.; and parishes of Colan, St. Columb Major, and St. Columb Minor Rural (St. Columb Major R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Stream from twenty fathom adit of disused mine, near Indian Queens, St. Columb Major; (2) Overflow from a sump in the cross cut of a disused mine at Ruthers, St. Columb Major; (3) Shaft of a disused mine at Mount Wise, Newquay; (4) Well, at Trewollack, St. Columb Minor. Yield not known.

*Works.*—Water from (1), (2), and (4) is filtered—mechanical filters. Storage reservoirs:—Coswarth, Colan, (a) 1,500,000 gallons, (b) 3,000,000 gallons, (c) 3,000,000 gallons. Service reservoirs:—Mount Wise, 200,000 gallons; Fairpark, St. Columb Minor, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (18th December 1913) that the water is pure. Hardness:—4°. Water from sources (1) and (2) acts on lead, but lead pipes are not permitted.

**North Cheshire Water Company.**—Supplies Altrincham U.D.; Ashton upon Mersey U.D. (part); Bowdon U.D. (part); Hale U.D. (part); Sale U.D. (part); and parts of parishes of Ashley, Baguley, Dunham Massey, Northenden, Ringway, Timperley (Bucklow R.D.).

*Powers.*—North Cheshire Water Acts, 1864 and 1877.

*Limits.*—Altrincham U.D.; Ashton upon Mersey U.D.; Bowdon U.D.; Hale U.D.; Sale U.D.; and parishes of Ashley, Baguley, Bollington, Dunham Massey, Northenden, Northen Etchells, Ringway, Timperley (Bucklow R.D.).

*Source of Supply (Nature and Sufficiency).*—Supply in bulk from Manchester T.C. The average daily quantity of water obtained is 1,319,000 gallons.

*Works.*—Service reservoir:—Bowdon, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,319,000 gallons. Supply is constant.

*Quality of Water.*—See Manchester T.C., page 89.

**North East Lincolnshire Water Company.**—Supplies Alford U.D. (part); Barton upon Humber U.D. (part); and parts of parishes of Hundleby, and Spilsby (Spilsby R.D.); and furnishes a supply in bulk to East Coast Water Company (in liquidation) who supplies part of parish of Sutton le Marsh (Spilsby R.D.).

*Powers.*—North East Lincolnshire Water Act, 1906.

*Limits.*—Alford U.D.; Barton upon Humber U.D.; and parishes of Ashby by Partney, Bilsby, Claxby, Eastville, Halton Holegate, Hundleby, Markby, Scremby, Spilsby, Sutton le Marsh, Toynton All Saints, Toynton St. Peter, and Well (Spilsby R.D.).



*Sources of Supply (Nature and Sufficiency).*—(1) Well, 120 feet, and bores through Chalk, Caistor Road; (2) Wells and bores through Greensand at Alford and Spilsby. The average daily quantity of water derived from (1) is 95,000 gallons, but an unlimited supply could be obtained. Yield from (2) not known.

*Works.*—Water from (1) only is filtered. Storage reservoirs:—Barton-upon-Humber, 120,000 gallons; Alford, 75,000 gallons; Raithby, 75,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 89,000 gallons and 1,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 18°. No action on lead.

**North Pembrokeshire Water and Gas Company.**—Supplies Fishguard U.D. (part); and parishes of Fishguard South (part), and Llanwnda (part) (Haverfordwest R.D.).

*Powers.*—Fishguard Water and Gas Act, 1899; North Pembrokeshire Water and Gas Act, 1900; North Pembrokeshire Water and Gas Order, 1911.

*Limits.*—Fishguard U.D.; and parishes of Fishguard South, Llanwnda, Manorowen (Haverfordwest R.D.); Dinas, and Newport (St. Dogmaels R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and streams at Clyngath. The average daily quantity of water obtained is 200,000 gallons, and a further 500,000 gallons per day could be obtained.

*Works.*—Pressure filters. Storage reservoir:—Clyngath, 1,000,000 gallons. Service reservoir:—Pen Wallis, Fishguard, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th January 1913) that the water is free from organic impurity. Hardness, 3.5°. No action on lead.

**North Sunderland Waterworks Company.**—Supplies parts of parishes of Chathill, Ellingham, Fleetham, and North Sunderland (Belford R.D.); and furnishes a supply in bulk to Belford R.D.C.

*Powers.*—North Sunderland Waterworks Order, 1904.

*Limits.*—Parishes of Chathill (part), Elford, Ellingham (part), Fleetham, North Sunderland, and Swinhoe (Belford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs at Brockdam, near Ellingham. The average daily quantity of water obtained is 29,000 gallons, and a further 18,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Brockdam, 30,000 gallons; Sea Houses, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 25,000 gallons, and 2,800 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Soft, but iron pipes used.

**North Sussex Water and Gas Company.**—Supplies part of parish of Billingshurst (Horsham R.D.).

*Powers.*—North Sussex Gas Act, 1905; North Sussex Gas and Water Act, 1906.

*Limits.*—Parishes of Billingshurst, Slinfold (Horsham R.D.); Kirdford and Wisborough Green (Petworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole in clay and sandstone at Billingshurst. The average daily quantity of water obtained is 12,000 gallons.

*Works.*—Water is filtered. Service reservoir:—East Street, Billingshurst, 45,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 12,000 gallons. Supply is constant.

*Quality of Water.*—Good. Soft, but no action on lead.

**North Warwickshire Water Company.**—Supplies parts of parishes of Exhall, Foleshill, Keresley, Walsgrave on Sowe, Wyken (Foleshill R.D.); Allesley, Corley, Coundon, Hampton in Arden, Meriden (Meriden R.D.); Barston, Knowle and Packwood (Solihull R.D.).

*Powers.*—North Warwickshire Water Acts, 1898, 1900, and 1902.

*Limits.*—Bulkington U.D.; and parishes of Binley, Exhall, Foleshill, Keresley, Stoke, Walsgrave on Sowe, Wyken (Foleshill R.D.); Allesley, Berkswell, Corley, Coundon, Hampton in Arden, Meriden (Meriden R.D.); Birdingbury, Bourton on Dunsmore, Brandon and Bretford, Church Lawford, Dunchurch, Frankton, Leamington Hastings, Long Lawford, Marton, Princethorpe, Ryton on Dunsmore, Stretton on Dunsmore, Thurlaston, Wolston (Rugby R.D.); Balsall, Barston, Knowle, Packwood (Solihull R.D.); Harbury, Long Itchington, Napton on the Hill (part), Southam, Stockton, Ufton (Southam R.D.); Baginton, Bubbenhall, Cubbington, Eathorpe, Hunningham, Offchurch, Stoneleigh, Wappenbury and Weston under Wetherley (Warwick R.D.).



*Sources of Supply (Nature and Sufficiency).*—Springs from red marl and sandstone (1) at Keresley; (2) at Corley; (3) Supply in bulk from Birmingham T.C. (see page 18). The average daily quantity of water derived from each source is, respectively, (1) 205,000 gallons; (2) 82,000 gallons; (3) 26,000 gallons; a further 100,000 gallons per day could be obtained from (1), 120,000 gallons from (2), and 50,000 gallons from (3).

*Works.*—No filtration. Storage reservoir:—Corley, 400,000 gallons. Service reservoirs:—Corley, (a) 600,000 gallons, (b) 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (13th March 1913) that the water is excellent. Hardness:—total, 20·4°; permanent, 6·68°. No action on lead.

**City of Norwich Waterworks Company.**—Supplies Norwich C.B. (part) and parts of parishes of Thorpe next Norwich (Blofield R.D.), Cringleford, Trowse with Newton (Henstead R.D.); Catton, Hellesdon and Sprowston (St. Faiths R.D.).

*Powers.*—City of Norwich Waterworks Acts, 1850, 1853, 1859, 1876, 1898, and 1904.

*Limits.*—Norwich C.B.; and parishes of Thorpe next Norwich (Blofield R.D.); Cringleford, Trowse with Newton, Whitlingham (Henstead R.D.); Catton, Hellesdon and Sprowston (St. Faiths R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Wensum, pumping station at Heigham, Norwich. The average daily quantity of water obtained is 2,278,593 gallons, and at times a further 100,000,000 gallons per day could be obtained.

*Works.*—Filtration, 179 gallons per square yard per day. Service reservoirs:—Lakenham, (a) 1,236,000 gallons, (b) 1,382,000 gallons; Thorpe, (a) 490,000 gallons, (b) 2,210,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,278,593 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and bacteriological examination. Analyst remarks (10th December 1913) that the water is first rate. Hardness:—total, 18·5°; permanent, 5·1°. No action on lead.

**Oakham Water Company.**—Supplies Oakham U.D. (part); and parts of parishes of Ashwell, Barleythorpe, Braunston, Burley, and Langham (Oakham R.D.).

*Powers.*—Oakham Water Act, 1901.

*Limits.*—Oakham U.D.; and parishes of Ashwell, Barleythorpe, Braunston, Brooke, Burley, Eggleton, Gunthorpe, Hambleton, Langham, Manton, and Martinthorpe (Oakham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Braunston, Oakham. The average daily quantity of water obtained is 70,000 gallons.

*Works.*—No filtration. Reservoirs:—Oakham, (a) 120,000 gallons, (b) 120,000 gallons; Braunston, (a) 100,000 gallons, (b) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (23rd May 1906) that chemically the water is good. Hardness, after softening, 8°. No action on lead.

**Pickering Gas and Water Company, Ltd.**—Supplies Pickering U.D. (part).

*Powers.*—Pickering Gas and Water Order, 1877.

*Limits.*—Pickering U.D.

*Sources of Supply (Nature and Sufficiency).*—Well, tapping spring from limestone and gravel, Keldhead, Pickering. The average daily quantity of water obtained is 76,000 gallons, but an unlimited supply could be obtained.

*Works.*—No filtration. Service reservoir:—Whitby Road, Pickering, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 76,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness not known. No action on lead.

**Pocklington Water Company, Ltd.**—Supplies Pocklington U.D. (part).

*Powers.*—Pocklington Water Orders, 1889 and 1893.

*Limits.*—Pocklington U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Two springs from Chalk, Givendale Valley, two miles from Pocklington. The average daily quantity of water obtained is 42,000 gallons.



*Works.*—No filtration. Storage reservoir:—Chapel Hill, Pocklington, 130,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 42,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks that the water is of a very high degree of purity. Hardness:—total, 11·37°; permanent, 2·72°. No action on lead.

**Pontypool Gas and Water Company.**—Supplies Abersychan U.D. (part); Panteg U.D. (part); and Pontypool U.D.

*Powers.*—Pontypool Gas and Water Acts, 1873, 1890, and 1909.

*Limits.*—Abersychan U.D.; Panteg U.D.; Pontypool, U.D.; and parish of Llanover (Abergavenny R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and boreholes through limestone shales to Old Red Sandstone and springs from limestone, Cwmavon, near Blaenavon; (2) Nantymailor Spring from limestone, near Abersychan; (3) Cwmyravon and Westlakes Brewery Springs from limestone, Cwmavon; (4) Lasgarn Spring from limestone, Abersychan; (5) Folly Spring from Old Red Sandstone, Craig y Twr, Panteg; (6) Nant Dare Brook, Cwmllickey and Mynydd Maen. The average daily quantity of water derived from each source is, respectively, (1) 200,000 gallons; (2) 125,000 gallons; (3) 28,000 gallons; (4) 50,000 gallons; (5) 147,000 gallons; and (6) 30,000 gallons.

*Works.*—Filtration, 500 gallons per square yard per day. Storage reservoirs:—Cwmavon, 10,250,000 gallons; Nantymailor, 4,000,000 gallons. Service reservoirs:—Varteg, 500,000 gallons; Panteg, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 580,000 gallons. Supply is constant.

*Quality of Water.*—Good—annual chemical and quarterly bacteriological examination. Hardness:—(1) 7·4°; (2) 7·9°; (4) 8·5°; (5) 7·5°. No action on lead.

**Portishead District Water Company.**—Supplies Portishead U.D. (part); and parts of parishes of Easton in Gordano, and Portbury (Long Ashton R.D.).

*Powers.*—Portishead District Water Acts, 1875, 1883, and 1907.

*Limits.*—Portishead U.D.; and parishes of Clapton, Easton in Gordano, Portbury, Weston in Gordano, and Wraxall (Long Ashton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs and wells in Lias limestone at Failand and Carter; (2) Portbury Well in New Red Sandstone. Yield not known.

*Works.*—No filtration. Reservoirs:—"Carter's," 226,000 gallons; Portbury Well, 240,000 gallons; Failand, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 185,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (30th May 1911) that chemically the water is satisfactory. Hardness, (1) 25°. No action on lead.

**Portmadoc Waterworks Company.**—Supplies Ynyscynhaiarn U.D. (part); and parts of parishes of Llanfrothen and Penrhyndeudraeth (Deudraeth R.D.).

*Powers.*—Portmadoc Water Act, 1880.

*Limits.*—Ynyscynhaiarn U.D.; and parishes of Llandecwyn, Llanfrothen, and Penrhyndeudraeth (Deudraeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Lake Teewyn, with gathering ground, 200 acres; (2) Springs above Tanrallt, near Tremadoc. Yield not known.

*Works.*—No filtration. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 173,160 gallons. Supply is constant.

*Quality of Water.*—Good. Rather soft, but no action on lead.

**The Borough of Portsmouth Waterworks Company.**—Supplies Portsmouth C.B. (part); Havant U.D. (part); Warblington U.D.; and parishes of Waterloo (Catherington R.D.); Cosham (part); Portchester (part) (Fareham R.D.); Bedhampton (part), Farlington, North Havant (part) (Havant R.D.); and Westbourne (part) (Westbourne R.D.); and furnishes a supply in bulk to the Hart Plain Estate, Ltd., who supply part of parish of Catherington (Catherington R.D.).

*Powers.*—The Borough of Portsmouth Waterworks Acts, 1857, 1861, 1868, 1873, 1879, 1883, 1890, 1896, and 1906; the Cosham, Havant, and Emsworth Water Order, 1872; the Borough of Portsmouth Water Orders, 1898, 1902, and 1913.



*Limits.*—Portsmouth C.B.; Havant U.D.; Warblington U.D.; and parishes of Waterloo (Catherington R.D.); Cosham, Portchester (Fareham R.D.); Bedhampton, Farlington, and North Havant (Havant R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk at Havant and Bedhampton. The average daily quantity of water obtained is 8,261,000 gallons.

*Works.*—Filtration, 624 gallons per square yard per day. Reservoirs:—Portsdown Hill, near Portsmouth, (a) 2,676,607 gallons; (b) 2,686,521 gallons; (c) 4,001,980 gallons; (d) 4,030,400 gallons; (e) 313,805 gallons; (f) 187,814 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 5,742,000 gallons and 2,519,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—monthly chemical and periodical bacteriological examination. Hardness, 22°. No action on lead.

**Rainham Waterworks Company, Ltd.**—Supplies parts of parishes of Hartlip, Newington, Rainham, and Upchurch (Milton R.D.); and furnishes a supply in bulk to Milton R.D.C.

*Powers.*—Rainham Water Order, 1904.

*Limits.*—Parishes of Hartlip, Rainham, and Upchurch (Milton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole in Lower Greensand, Barrsgrave Field, Rainham. The average daily quantity of water obtained is 90,000 gallons, and a further 150,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Barrsgrave Field, 300,000 gallons; Orchard Street, Rainham, 100,000 gallons; Matts Hill, 350,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons and 10,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (23rd May 1913) that the water is satisfactory. Hardness, total, 1.0°. No action on lead; contains a trace of gypsum.

**Rainhill Gas and Water Company.**—Supplies parts of parishes of Rainhill and Whiston (Whiston R.D.).

*Powers.*—Rainhill Gas and Water Act, 1870.

*Limits.*—Parish of Rainhill (Whiston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Deep boreholes in red sandstone, Rainhill. The average daily quantity of water obtained is 70,000 gallons, and a further 80,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Rainhill Top, 35,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (11th September 1913) that the water is perfectly safe. Hardness:—total, 17.94°; permanent, 11.48°. No action on lead.

**Rhymney and Aber Valleys Gas and Water Company.**—Supplies Bedwas and Machen U.D. (part), Bedwellty U.D. (part), Caerphilly U.D. (part), Gelligaer U.D. (part), Mynyddislwyn U.D. (part); and part of parish of Van (Llandaff and Dinas Powis R.D.), and furnishes supplies in bulk to Rhymney U.D.C., Gelligaer U.D.C., Risca U.D.C. (see page 117), and Bedwellty U.D.C. (see page 14).

*Powers.*—Rhymney and Aber Valleys Gas and Water Acts, 1898, 1905, and 1908.

*Limits.*—Bedwas and Machen U.D. (part); Bedwellty U.D. (part); Caerphilly U.D. (part); Gelligaer U.D.; Mynyddislwyn U.D. (part); Rhymney U.D. (part); and parishes of Llangynidr (part) (Crickhowell R.D.), and Van (part) (Llandaff and Dinas Powis R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River and streams, Rhymney Bridge; Springs from Pennant Grit; (2) Fochriw; (3) Deri; (7) Senghenydd; (4) Springs from sandstone, Llanbradach; (5) Nantybrock Stream, Bedwas; (6) Nant Cwm Ceffyll Stream, Abertridwr; (8) Supply in bulk from Merthyr Tydfil T.C. (see page 92). The average daily quantity of water derived from each source is, respectively, (1) 1,000,000 gallons; (2) 40,000 gallons; (3) 135,000 gallons; (4) 76,000 gallons; (5) 54,000 gallons; (6) 52,000 gallons; (7) 45,000 gallons; (8) 700,000 gallons.

*Works.*—Filtration, 400 gallons per square yard per day and mechanical filters. Storage reservoirs:—Rhymney Bridge, (a) 9,000,000 gallons, (b) 42,000,000 gallons. Service reservoirs:—Darran, 1,500,000 gallons; Llanbradach, 9,000 gallons; Senghenydd, 200,000 gallons; Cwm Ceffyll, Abertridwr, 70,000 gallons; Caerphilly, 2,500,000 gallons; Fochriw, 90,000 gallons. Pressure is sufficient.

\* A new reservoir is about to be constructed.



*Quantity of Water supplied.*—The daily average is 1,602,000 gallons and 500,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (13th January 1914) that the filtration of the water is efficient. Hardness:—total, 3·5°; permanent, 2·0°. No action on lead.

**Rickmansworth and Uxbridge Valley Water Company.**—Supplies Chorleywood U.D. (part); Greenford U.D.; Hayes U.D. (part); Rickmansworth U.D.; Yiewsley U.D. (part); and parts of parishes of Chalfont St. Peter, Chartridge, Great Missenden, Lee, Little Missenden (Amersham R.D.); Denham, Fulmer, Horton, Iver, Wyrardisbury (Eton R.D.); Bovington, Flaunden, King's Langley (Hemel Hempstead R.D.); Harlington, Harmondsworth (Staines R.D.); Cowley, Harefield, Hillingdon East, Ickenham, Northolt, West Drayton (Uxbridge R.D.); Abbots Langley, Rickmansworth Rural, Sarratt, Watford Rural (Watford R.D.), and Hughenden (Wycombe R.D.).

*Powers.*—Rickmansworth Waterworks Act, 1884; Rickmansworth and Uxbridge Valley Water Acts, 1885 and 1900; Rickmansworth and Uxbridge Valley Water Order, 1906.

*Limits.*—Chorleywood U.D. (part); Greenford U.D.; Hayes U.D. (part); Rickmansworth U.D.; Yiewsley U.D.; and parishes of Chalfont St. Peter, Great Missenden, Little Missenden (Amersham R.D.); Denham, Fulmer, Hedgerley, Hedgerley Dean, Horton, Iver, Wyrardisbury (Eton R.D.); Bovington, Flaunden, King's Langley (Hemel Hempstead R.D.); Harlington, Harmondsworth (Staines R.D.); Cowley (part), Harefield, Hillingdon East (part), Ickenham, Northolt (part), West Drayton (Uxbridge R.D.); Abbots Langley, Rickmansworth Rural, Sarratt (Watford R.D.); Hedsor and Wooburn (Wycombe R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borings in Chalk at (1) Batchworth, Rickmansworth; (2) Mill End, Rickmansworth; (3) West Drayton; (4) Great Missenden; (5) Hunton Bridge. The average daily quantity of water derived from each source is, respectively, (1) 634,000 gallons; (2) 34,000 gallons; (3) 436,000 gallons; (4) 45,000 gallons; (5) 4,500 gallons.

*Works.*—No filtration. Service reservoirs:—Heronsgate (a) 250,000 gallons, (b) 25,000 gallons; Bovington, 250,000 gallons. Prestwood, Great Missenden, (a) 25,000 gallons; (b) 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,153,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (15th November 1909) that bacteriologically the water is excellent. Hardness, 12°. No action on lead.

**Royston Water Company, Ltd.**—Supplies Royston U.D.; and part of parish of Bassingbourn (Melbourn R.D.).

*Powers.*—Royston Water Order, 1897.

*Limits.*—Royston U.D.

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, at Royston. The average daily quantity of water available is 100,000 gallons.

*Works.*—No filtration. Storage reservoir, 200,000 gallons. Service reservoirs:—The Mount, Four Tanks, 85,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (24th September 1909) that chemically the water is very pure. Hardness not known. No action on lead.

**Ruabon Water Company.**—Supplies parts of parishes of Esclusham Above, Pen y Cae, Rhosllanerchrugog, and Ruabon (Wrexham R.D.).

*Powers.*—Ruabon Water Act, 1870.

*Limits.*—Parishes of Esclusham Above, Pen y Cae, Rhosllanerchrugog and Ruabon (Wrexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Trefechan Brook, with gathering ground, 1,565 acres, intake at Ruabon Mountain, Pen y Cae. Yield not known.

*Works.*—Mechanical filters. Storage reservoirs:—Pen y Cae, (a) 12,000,000 gallons; (b) 22,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 500,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Ruthin Water Company.**—Supplies Ruthin B. (part).

*Powers.*—Ruthin Water Act, 1868; Ruthin Water Order 1877.

*Limits.*—Ruthin B. (part); and parishes of Llanfwrog Rural, and Llanrhydd Rural (Ruthin R.D.). //



*Source of Supply (Nature and Sufficiency).*—Stream, at Plas y nant. Yield not known.

*Works.*—Water is filtered. Storage reservoir:—Plas y nant, 4,000,000 gallons. Service reservoir:—Plas y nant, 35,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (21st October 1913) that the water is satisfactory. Hardness:—total,  $6\cdot2^{\circ}$ ; permanent,  $2\cdot1^{\circ}$ . No action on lead.

**St. Albans Waterworks Company.**—Supplies St. Albans B. (part); and parts of parishes of St. Michael Rural, St. Peter Rural, St. Stephen, and Sandridge Rural (St. Albans R.D.).

*Powers.*—St. Albans Waterworks Acts, 1865 and 1900; St. Albans Water Order, 1879.

*Limits.*—St. Albans B.; and parishes of St. Michael Rural, St. Peter Rural, St. Stephen, and Sandridge Rural (St. Albans R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Deep borings in Chalk, Holywell Hill; (2) Wells with adits in Chalk, Stonecross. The average daily quantity of water derived from (1) is 710,600 gallons; a further 730,000 gallons per day could be obtained from (1), and 384,000 gallons from (2), which is seldom used.

*Works.*—No filtration. Service reservoirs:—Stonecross (a) 488,400 gallons, (b) 85,400 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 696,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (31st December 1913) that the water is highly satisfactory. Hardness:—total,  $21\cdot5^{\circ}$ ; permanent,  $2\cdot1^{\circ}$ . No action on lead.

**St. David's Water and Gas Company.**—Supplies parishes of Cathedral Close of St. David's, and St. David's (part) (Haverfordwest R.D.).

*Powers.*—St. David's Water and Gas Act, 1899; St. David's Water and Gas Order, 1903.

*Limits.*—Parishes of Cathedral Close of St. David's, St. David's, and Whitchurch (Haverfordwest R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Nine Wells. The average daily quantity of water available is 50,000 gallons.

*Works.*—No filtration. Service reservoir:—Llanridwn, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Good. Soft, but no action on lead.

**Selsey Water Company.**—Supplies parts of parishes of Selsey and Sidlesham (West-hampnett R.D.).

*Powers.*—Selsey Water Act, 1907.

*Limits.*—Parishes of Hunston, North Mundham, Selsey, and Sidlesham (West-hampnett R.D.).

*Source of Supply (Nature and Sufficiency).*—Supply in bulk from Chichester T.C. The average daily quantity of water obtained is 10,000 gallons.

*Works.*—No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—See Chichester T.C., page 36.

**Sevenoaks Waterworks Company.**—Supplies Sevenoaks U.D.; and parts of parishes of Riverhead, Seal, and Sevenoaks Weald (Sevenoaks R.D.); and furnishes a supply in bulk to Sevenoaks R.D.C.

*Powers.*—Sevenoaks Waterworks Act, 1878; Sevenoaks Orders, 1892, 1900, 1904, and 1908.

*Limits.*—Sevenoaks U.D.; and parishes of Riverhead, Seal, and Sevenoaks Weald (Sevenoaks R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells in Lower Greensand, Oak Lane, Sevenoaks; (2) Well and borings to Atherfield clay, near Kemsing Station. The average daily quantity of water derived from each source is, respectively, (1) 158,000 gallons; (2) 76,000 gallons; a further 62,000 gallons per day could be obtained from (1), and 424,000 gallons from (2).

*Works.*—No filtration. Service reservoirs:—Bayley's Hill, Sevenoaks Weald, 380,000 gallons; Tonbridge Road, Sevenoaks, 200,000 gallons; St. Lawrence, Seal, 100,000 gallons; Oak Bank, Seal, 500,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 222,000 gallons, and 12,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and frequent bacteriological examination. Analyst remarks (11th May 1912) that bacterially the water is entirely satisfactory. Hardness:—total, 15°; permanent, 3·5°. No action on lead.

**Shepton Mallet Waterworks Company.**—Supplies Shepton Mallet U.D. (part), and parish of Croscombe (part) (Shepton Mallet R.D.).

*Powers.*—Shepton Mallet Waterworks Acts, 1859 and 1876.

*Limits.*—Shepton Mallet U.D.

*Sources of Supply (Nature and Sufficiency).*—Springs from Old Red Sandstone, (1) Yelling Mill, (2) Windsor Hill, (3) Lapwing Farm, all in Shepton Mallet. The average daily quantity of water available from (1) and (2) is 966,000 gallons; and from (3) 38,000 gallons.

*Works.*—No filtration. Reservoirs:—Downside, 126,000 gallons; Mendip, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 52,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (25th January 1912) that the water is good and fit for dietetic purposes. Hardness, 16°. No action on lead.

**Sheringham Gas and Water Company.**—Supplies Sheringham U.D., and part of parish of Beeston Regis (Erpingham R.D.).

*Powers.*—Sheringham Gas and Water Orders, 1888 and 1911; Sheringham Gas and Water Act, 1898.

*Limits.*—Sheringham U.D., and parish of Beeston Regis (Erpingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) springs, and (2) wells, in Chalk, Sheringham and Beeston Commons. The average daily quantity of water available from each source is, respectively, (1) 96,000 gallons; (2) 220,000 gallons.

*Works.*—Water is filtered. Reservoirs:—Sheringham Common, High Level, 250,000 gallons; Low Level, (a) 250,000 gallons; (b) 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 130,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (5th January 1914) that the water is quite satisfactory. Hardness:—total, 14·0°; permanent, 5·5°. No action on lead.

**Sidmouth Water Company.**—Supplies Sidmouth U.D., and parts of parishes of Salcombe Regis and Sidbury (Honiton R.D.).

*Powers.*—Sidmouth Water Act, 1886.

*Limits.*—Sidmouth U.D., and parts of parishes of Salcombe Regis and Sidbury (Honiton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Greensand near Sidmouth. The average daily quantity of water available is 280,000 gallons.

*Works.*—Filtration, 320 gallons per square yard per day. Storage reservoirs:—Stintway, 100,000 gallons; Peak, 600,000 gallons; Woolbrook, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (4th November 1913) that the water is of excellent natural purity. Hardness:—total, 2·1°; permanent, 0·9°. No action on lead.

**Sleaford Water Company, Ltd.**—Supplies Sleaford U.D. (part).

*Powers.*—Sleaford Water Act, 1879; Sleaford and District Water Order, 1906.

*Limits.*—Sleaford U.D.; parish of Kirkby la Thorpe (Sleaford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite limestone at Sleaford. The average daily quantity of water obtained is 180,000 gallons, and a further 180,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Sleaford (a) 343,000 gallons, (b) 590,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (5th August 1913) that the water is of average organic purity. Hardness:—total, 22·8°; permanent, 7°. No action on lead.

**Southend Waterworks Company.**—Supplies Southend on Sea C.B. (part); and parts of parishes of Basildon, Bowers Gifford, Downham, Dunton, Great Burstead, Laindon, Lee Chapel, Little Burstead, Mountnessing, Nevendon, North Benfleet, Pitsea, Ramsden Bell



house, Ramsden Crays, Vange, Wickford (Billericay R.D.), Runwell (Chelmsford R.D.), Eastwood, Hadleigh, Hawkwell, Hockley, Rayleigh, Rochford, South Benfleet, Sutton and Thundersley (Rochford R.D.); and furnishes supplies in bulk to Orsett R.D.C. and Rochford R.D.C.

*Powers.*—Southend Waterworks Acts, 1879, 1894, 1898, 1904, 1907, 1910, and 1913.

*Limits.*—Southend on Sea C.B.; Shoeburyness on Sea U.D.; and parishes of Basildon, Bowers Gifford, Downham, Dunton, Great Burstead, Laindon, Lee Chapel, Little Burstead, Mountnessing, Nevendon, North Benfleet, Pitsea, Ramsden Bellhouse, Ramsden Crays, Vange, Wickford (Billericay R.D.); Ashingdon, Barling, Canewdon, Canvey Island, Eastwood (part), Foulness, Great Stambridge, Great Wakering (part), Hadleigh, Hawkwell, Hockley, Little Stambridge, Little Wakering (part), North Shoebury, Paglesham, Rawreth, Rayleigh, Rochford, Shopland, South Benfleet, South Fambridge, Sutton, and Thundersley (Rochford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Twenty-six wells from Tertiary sand beds underlying London Clay and from Chalk, at Prittlewell, Eastwood, Southchurch, Great Wakering, Thundersley, Bowers Gifford, Vange, Fobbing, Pitsea, Leigh, Great Burstead, Downham, South Benfleet, and Wickford. The average daily quantity of water available is 2,300,000 gallons.

*Works.*—No filtration. Storage reservoir:—Fobbing, 17,000,000 gallons. Service reservoirs:—Thundersley, 3,500,000 gallons; Hadleigh, 3,500,000 gallons; Prittlewell, 320,000 gallons; Leigh, 100,000 gallons; Great Burstead, 30,000 gallons; Laindon Hills, 100,000 gallons; South Benfleet, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,050,000 gallons, and 900 gallons in bulk. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (20th October 1913) that the water is excellent. Hardness:—Southend, total 6·5°, permanent 2°; Leigh on Sea, total 7°, permanent 1°; Billericay, total 5·2°, permanent 1·2°. No action on lead. Slightly saline and alkaline.

**South Essex Waterworks Company.**—Supplies Barking Town U.D. (part), Brentwood U.D. (part), Grays Thurrock U.D., Ilford U.D. (part), Romford U.D. (part), Tilbury U.D. (part); and parishes of Childerditch (part), Hutton (part), Little Warley (part), Shenfield (part), South Weald (part), West Horndon (part) (Billericay R.D.); Aveley (part), Corringham (part), East Tilbury (part), Horndon on the Hill (part), Laindon Hills (part), Little Thurrock, Mucking (part), North Ockendon (part), Orsett (part), South Ockendon (part), Stanford le Hope, Stifford, West Thurrock, West Tilbury (part) (Orsett R.D.); Cranham (part), Dagenham (part), Great Warley (part), Havering atte Bower (part), Hornchurch (part), Noak Hill (part), Rainham (part), Upminster (part), and Wennington (Romford R.D.); and furnishes a supply in bulk to Romford R.D.C.

*Powers.*—South Essex Waterworks Acts, 1861, 1882, and 1901.

*Limits.*—Barking Town U.D., Brentwood U.D., East Ham B., Grays Thurrock U.D., Ilford U.D., Romford U.D., Tilbury U.D.; and parishes of Little Warley, South Weald (Billericay R.D.); Aveley, Bulphan, Corringham, East Tilbury, Horndon on the Hill, Little Thurrock, Mucking, North Ockendon, Orsett, South Ockendon, Stanford le Hope, Stifford, West Thurrock, West Tilbury (Orsett R.D.); Cranham, Dagenham, Great Warley, Havering atte Bower, Hornchurch, Noak Hill, Rainham, Upminster, and Wennington (Romford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk: (1) Linford, (2) Grays Thurrock, (3) Romford, (4) Ilford, (5) Barking, (6) Dagenham, (7) Seven Kings. The average daily quantity of water derived from each source is, respectively, (1) 763,000 gallons, (2) 295,000 gallons, (3) 42,000 gallons, (4) 923,000 gallons, (5) 1,393,000 gallons; (6) 1,388,000 gallons; (7) works in course of construction.

*Works.*—No filtration. Service reservoirs:—Hog Hill, (a) 650,000 gallons, (b) 868,000 gallons, (c) 1,375,000 gallons; Aveley, (a) 600,000 gallons, (b) 600,000 gallons; Great Warley, (a) 325,000 gallons, (b) 488,000 gallons; Little Warley, (a) 240,000 gallons, (b) 325,000 gallons; Towers, 110,000 gallons; Barking Tower, 22,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,538,000 gallons and 900 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Hardness:—total, 13·15°; permanent, 3·8°. No action on lead.

**South Hants Waterworks Company.**—Supplies Southampton C.B. (part), Eastleigh and Bishopstoke U.D. (part), Itchen U.D. (part), Romsey B. (part); and parts of parishes of Bishop's Waltham, Curdridge (Droxford R.D.), Hook with Warsash, Sarisbury (Fareham R.D.); Chandlers Ford, North Baddesley, Otterbourne (Hursley, R.D.); Brockenhurst (Lyminster R.D.); Colbury, Copythorne, Dibden, Eling, Lyndhurst, Marchwood, Netley



Marsh (New Forest R.D.); Mitchelmersh, Nursling, Romsey Extra, Rownhams, Timsbury (Romsey, R.D.); Bitterne, Botley, Bursledon, Chilworth, Hamble le Rice, Hedge End, Hound, Millbrook, North Stoneham, South Stoneham, West End (South Stoneham R.D.); Compton, Fair Oak, Stoke Park, and Twyford (Winchester R.D.).

*Powers.*—South Hants Water Acts, 1876, 1878, 1894, 1899, and 1910; Bishop's Waltham Water Order, 1894; Bishop's Waltham Water Act, 1913.

*Limits.*—Southampton C.B., Eastleigh and Bishopstoke U.D., Itchen U.D., Romsey B.; and parishes of Bishop's Waltham, Curdridge, Durley (Droxford R.D.); Crofton, Hook with Warsash, Sarisbury, Titchfield (Fareham R.D.); Ampfield, Chandlers Ford, Farley Chamberlayne, Hursley, North Baddesley, Otterbourne (Hursley R.D.); Brockenhurst (Lyminster R.D.); Colbury, Copythorne, Dibden, Eling, Exbury, Fawley, Lyndhurst, Marchwood, Netley Marsh (New Forest R.D.); Mitchelmersh, Mottisfont, Nursling, Romsey Extra, Rownhams, Timsbury (Romsey R.D.); Bitterne, Botley, Bursledon, Chilworth, Hamble le Rice, Hedge End, Hound, Millbrook, North Stoneham, South Stoneham, West End (South Stoneham R.D.); Compton, Fair Oak, Stoke Park, and Twyford (Winchester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and headings, in Chalk, at (1) Timsbury, Romsey; (2) Twyford, Winchester; (3) Northbrook, Bishop's Waltham. The average daily quantity of water derived from each source is, respectively, (1) 1,004,749 gallons; (2) 801,479 gallons; (3) 55,600 gallons; a further 400,000 gallons per day could be obtained from (1), and 1,200,000 gallons from (2).

*Works.*—Water is filtered. Service reservoirs:—Mitchelmersh, (a) 600,000 gallons, (b) 600,000 gallons; Twyford, 600,000 gallons; Chilworth, 100,000 gallons; Bishopstoke, 40,000 gallons; Hedge End, 50,000 gallons; Bassett, (a) 600,000 gallons, (b) 1,250,000 gallons; Lyndhurst, 105,000 gallons; Yew Hill, Compton, 310,000 gallons; Bitterne, 600,000 gallons; Vernon Hill, 190,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,861,828 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and quarterly bacteriological examination. Analyst remarks (25th November 1913) that bacteriologically the water is satisfactory. Hardness:—(after treatment) total, 6°; permanent, 2·8°. No action on lead.

**South Hayling Water Company, Ltd.**—Supplies parts of parishes of North Hayling and South Hayling (Havant R.D.).

*Powers.*—South Hayling Water Order, 1895; Hayling Water Orders, 1898, 1900, and 1905.

*Limits.*—Parishes of North Hayling and South Hayling (Havant R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at North Hayling. The average daily quantity of water obtained is 50,000 gallons, but the supply is unlimited.

*Works.*—No filtration. Storage reservoirs:—Tanks, (a) 50,000 gallons, (b) 50,000 gallons. Service reservoir:—Tower, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (13th December 1910) that chemically the water is highly satisfactory. Hardness:—total, 8·5°; permanent, 7°. No action on lead.

**South Kent Water Company.**—Supplies parts of parishes of Headcorn (Hollingbourne R.D.); East Peckham (Malling R.D.); Brenchley, Capel, Hadlow, Horsmonden, Lamberhurst, and Pembury (Tonbridge R.D.).

*Powers.*—South Kent Water Act, 1889; South Kent Water Order, 1910.

*Limits.*—Parishes of Headcorn (Hollingbourne R.D.); East Peckham (Malling R.D.); Brenchley, Capel, Hadlow, Horsmonden, Lamberhurst (part), and Pembury (part) (Tonbridge R.D.).

*Source of Supply (Nature and Sufficiency).*—Supply in bulk from Mid-Kent Water Company. The average daily quantity of water obtained is 212,700 gallons.

*Works.*—Service reservoir:—Kippings Cross, Pembury, 125,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 212,700 gallons. Supply is constant.

*Quality of Water.*—See Mid-Kent Water Company, page 202.

**South Lincolnshire Water Company\*** (in liquidation).—Do not yet furnish any supplies.

*Powers.*—South Lincolnshire Water Acts, 1906, 1909, and 1910.

*Limits.*—Holbeach U.D. (part), Long Sutton U.D. (part), Sutton Bridge U.D. (part); and parishes of Fleet (part), Gedney (part), Little Sutton (part), Whaplode (part) (East

\* Part of this undertaking is about to be sold to the Spalding Rural District Council.



Elloe R.D.); Deeping St. Nicholas (part), Moulton (part), Pinchbeck, and Weston (part) (Spalding R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole at College Farm, about 4 miles from Pinchbeck.

*Works.*—Not completed.

**South Lincolnshire Fen Water Company** (in liquidation).—Supplies part of parish of Deeping St. Nicholas (Spalding R.D.).

*Powers.*—Spalding Water Act, 1900; South Lincolnshire Water Act, 1909.

*Limits.*—Part of parish of Deeping St. Nicholas (Spalding R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian borehole at Deeping St. Nicholas. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness and action on lead not known.

**South Oxfordshire Water and Gas Company.**—Supplies parishes of Streatley (part) (Bradfield R.D.); Bensington (part), Crowmarsh Gifford, Newnham Murren (part), North Stoke (part), South Stoke (part) (Crowmarsh R.D.); Goring (part), Whitchurch (part) (Goring R.D.); Bix (part), Checkendon (part), Eye and Dunsden (part), Ipsden (part), Kidmore End (part), Rotherfield Greys (part), Rotherfield Peppard (part), and Shiplake (part) (Henley R.D.).

*Powers.*—South Oxfordshire Water and Gas Act, 1905.

*Limits.*—Parishes of Streatley (Bradfield R.D.); Bensington, Berrick Salome, Crowmarsh Gifford, Dorchester, Ewelme, Mongewell, Newington, Newnham Murren, North Stoke, South Stoke, Warborough (Crowmarsh R.D.); Drayton St. Leonard (Culham R.D.); Goring, Mapledurham, Whitchurch (Goring R.D.); Badgemore, Bix, Brightwell Baldwin, Britwell Prior, Britwell Salome, Checkendon, Cuxham, Eye and Dunsden, Harpsden (part), Ipsden, Kidmore End, Nettlebed, Nuffield, Pishill, Pyrton (part), Rotherfield Greys (part), Rotherfield Peppard (part), Shiplake (part), Stonor, Swyncombe, Watlington (Henley R.D.); and Shirburn (Thame R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Goring. The average daily quantity of water obtained is 85,000 gallons.

*Works.*—No filtration. Service reservoirs:—Cleeve, Goring, 85,000 gallons; Greenmoor Hill, Woodcote, 140,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 85,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (15th December 1913) that the water is satisfactory. Hardness:—total, 18°; permanent, 2·8°. No action on lead.

**South Staffordshire Water Works Company.**—Supplies Burton upon Trent C.B. (part), Dudley C.B. (part), Smethwick C.B. (part), Walsall C.B. (part), West Bromwich C.B. (part); Brierley Hill U.D. (part), Brownhills U.D. (part), Cannock U.D. (part), Coseley U.D. (part), Darlaston U.D., Lichfield B. (part), Oldbury U.D. (part), Perry Barr U.D. (part), Quarry Bank U.D. (part), Rowley Regis U.D. (part), Sedgley U.D. (part), Sutton Coldfield B. (part), Tipton U.D. (part), Wednesbury B. (part); and parishes of Hunnington (part), Romsley (part) (Bromsgrove R.D.); Essington (part), Hatherton (part), Huntington (part), Teddesley Hay (part) (Cannock R.D.); Dudley Castle Hill (Dudley R.D.); Cakemore (part), Cradley (part), Halesowen, Hasbury (part), Hawne (part), Hill (part), Lutley (part), (Halesowen R.D.); Kingswinford (part) (Kingswinford R.D.); Alrewas (part), Brereton (part), Burntwood Edial and Woodhouses (part), Fisherwick (part), Freeford (part), Fulfen (part), Hammerwich (part), Ogley Hay Rural (part), Shenstone (part), Streethay (part), Swinfen and Packington (part), Wall (part), Whittington (part) (Lichfield R.D.); Bretby (part), Drakelow (part) (Repton R.D.); Enville (part) (Seisdon R.D.); Colwich (part) (Stafford R.D.); Barton under Needwood (part), Branston (part), Outwoods (part), Stretton (part), Wichnor (part) (Tutbury R.D.); Aldridge (part), Great Barr (part), Pelsall (part), and Rushall (part) (Walsall R.D.); and furnishes a supply in bulk to Cannock R.D.C.

*Powers.*—South Staffordshire Waterworks Acts, 1853, 1866, 1875, 1878, 1893, 1909, and 1913; South Staffordshire Waterworks Act Amendment Acts, 1857 and 1864; South Staffordshire Water Order, 1901; Dudley Waterworks Act, 1834; Dudley Waterworks (Amendment) Act, 1852; and Burton upon Trent Water Act, 1861.

*Limits.*—Burton upon Trent C.B., Dudley C.B., Smethwick C.B., Walsall C.B., West Bromwich C.B.; Brierley Hill U.D., Brownhills U.D., Cannock U.D., Coseley U.D. (part), Darlaston U.D., Lichfield B., Oldbury U.D., Quarry Bank U.D., Rowley Regis U.D., Sedgley U.D. (part), Sutton Coldfield B., Swadlincote District U.D., Tipton U.D., Wednesbury B., and parishes of Hunnington, Romsley (Bromsgrove R.D.); Huntington (Cannock R.D.); Dudley Castle Hill (Dudley R.D.); Cakemore, Cradley, Halesowen, Hasbury, Hawne, Hill, Illey, Lapal, Lutley (Halesowen R.D.); Hartshorn (Hartshorn and Seals R.D.); Kingswinford (part) (Kingswinford R.D.); Alrewas, Brereton, Burntwood Edial and Woodhouses, Curborough and Elmhurst,



Fisherwick, Freeford, Fulfen, Hammerwich, Ogley Hay Rural, Shenstone, Streethay, Swinfen and Packington, Wall, Weeford, Whittington (Lichfield R.D.); Bretby, Castle Gresley, Caldwell, Drakelow, Findern, Linton, Newton Solney, Repton, Willington (Repton R.D.); Hints (Tamworth R.D.); Barton under Needwood, Branston, Outwoods, Stretton, Wichnor (Tutbury R.D.); Aldridge, Great Barr, Felsall, and Rushall (Walsall R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Small streams and tunnel in rock, with gathering ground, 9 square miles, Cannock Chase and Lichfield; (2) Well, Huntington, near Cannock; (3) Well, Moors Gorse, near Rugeley; (4) Well, Fradley, near Lichfield; (5) Well, Shenstone; (6) Boreholes, Ashwood, Kingswinford; (7) Well, Hinksford, Kingswinford; (8) Well, Bourne Vale, near Aldridge; (9) Boreholes, Trent Valley, near Lichfield; (10) Boreholes, Brindley Bank, near Rugeley; (11) Boreholes, Pipe Hill, near Lichfield. All in New Red Sandstone formation. The average daily quantity of water derived from each source is, respectively, (1) 2,897,295 gallons; (2) 454,303 gallons; (3) 1,400,564 gallons; (4) 1,026,808 gallons; (5) 1,130,645 gallons; (6) 2,885,363 gallons; (7) 1,414,196 gallons; (8) 1,504,207 gallons; (9) 1,529,676 gallons; (10) 628,948 gallons; (11) 1,818,788 gallons. A further 102,705 gallons per day could be obtained from (1), 769,355 gallons from (5), 114,637 gallons from (6), 470,324 gallons from (9), 121,452 gallons from (10), and 181,212 gallons from (11).

*Works.*—Mechanical filters at (10) only. Storage reservoirs:—Stowe, 55,000,000 gallons; Minster, 2,000,000 gallons; Hanch, 32,000,000 gallons; Walsall, 32,000,000 gallons. Service reservoirs:—Scout House, Hednesford, 10,000,000 gallons; Barr Beacon, 10,000,000 gallons; Burton on Trent, 4,000,000 gallons; Shavers End, near Dudley, 5,000,000 gallons; Langley, 1,000,000 gallons; Wednesbury, 1,000,000 gallons; Sedgley Beacon, 339,000 gallons; Cawney Hill, 100,000 gallons; Springs Mire, Dudley, 3,250,000 gallons; Turners Hill, 20,000 gallons; Winshill, 50,000 gallons; Romsley, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 16,645,263 gallons and 45,530 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—bi-monthly chemical and occasional bacteriological examination. Hardness:—(1) total, 13.2°; permanent, 8.8°; (2) total, 11.2°; permanent, 5.8°; (3) total, 5.6°; permanent, 4.1°; (4) total, 19.8°; permanent, 15.2°; (5) total, 12.8°; permanent, 6.2°; (6) total, 10.6°; permanent, 5.1°; (7) total, 17.6°; permanent, 7.1°; (8) total, 7.2°; permanent, 3.8°; (9) total, 13°; permanent, 6.6°; (10) total, 11.8°; permanent, 6.8°; (11) total, 10.2°; permanent, 5.0°. No action on lead.

**South West Suburban Water Company.**—Supplies Egham U.D. (part); Feltham U.D. (part); Hayes U.D. (part); Southall Norwood U.D. (part); Staines U.D. (part); Windlesham U.D. (part); and parishes of Chobham (part), Thorpe (part) (Chertsey R.D.); Winkfield (part) (Easthampstead R.D.); Ashford (part), Cranford (part), East Bedfont (part), Stanwell (part) (Staines R.D.); Old Windsor (part), Sunningdale, and Sunninghill (part) (Windsor R.D.).

*Powers.*—Norwood, Middlesex, Water Orders, 1878 and 1880; Sunningdale District Water Act, 1877; South West Suburban Water Acts, 1883 and 1908; South West Suburban Water Orders, 1893 and 1900.

*Limits.*—Egham U.D.; Feltham U.D.; Southall Norwood U.D.; Staines U.D.; Windlesham U.D.; and parishes of Chobham, Thorpe (Chertsey R.D.); Winkfield (Easthampstead R.D.); Ashford, Cranford, East Bedfont, Hanworth, Laleham, Stanwell (Staines R.D.); Old Windsor, Sunningdale, and Sunninghill (Windsor R.D.).

*Source of Supply (Nature and Sufficiency).*—River Thames, intake at Egham Causeway. The average daily quantity of water obtained is 1,500,000 gallons, and a further 1,500,000 gallons per day could be obtained.

*Works.*—Filtration, 392 gallons per square yard per day. Service reservoirs:—Chavey Down, Winkfield, 120,000 gallons; Englefield Green, Egham, 120,000 gallons; Towers, (a) Southall Norwood, 300,000 gallons, (b) Charing Down, Winkfield, 75,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,500,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and fortnightly bacteriological examination. Analyst remarks (5th January 1914) that the water is excellent. Hardness, 15°. No action on lead.

**Southwold Water Works Company, Ltd.**—Supplies Southwold B. (part); and parish of Reydon (part) (Blything R.D.).

*Powers.*—Southwold Water Orders, 1886 and 1904.

*Limits.*—Southwold B.; and parishes of Easton Bavents, and Reydon (Blything R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Crag, (1) Common, Southwold; (2) Quay Lane, Reydon; (3) Alder Carr, Reydon. The average daily quantity



of water obtained is 57,096 gallons; a further 42,000 gallons per day could be obtained from (1), 70,000 gallons from (2), and 104,000 gallons from (3).

*Works.*—No filtration. Storage reservoir:—Southwold, 45,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 57,096 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and periodical bacteriological examination. Analyst remarks (28th July 1913) that the water is pure and wholesome. Hardness:—total, 20°; permanent, 6°. No action on lead.

**Staffordshire Potteries Waterworks Company.**—Supplies Stoke on Trent C.B. (part); Kidsgrove U.D. (part); Newcastle under Lyme B. (part); Smallthorne U.D. (part); Wolstanton United U.D. (part); and parts of parishes of Caverswall, Cheddleton, Forsbrook (Cheadle R.D.); Bagnall, Endon and Stanley, Longsdon, Norton in the Moors (Leek R.D.); Clayton, Keele (Newcastle under Lyme R.D.); Stoke Rural (Stoke on Trent R.D.); Barlaston, Eccleshall, Fulford, Stone Rural, Swynnerton, and Trentham (Stone R.D.); and furnishes supplies in bulk to Alsager U.D.C. (see page 4), Kidsgrove U.D.C. (occasionally) (see page 72), Wolstanton United U.D.C., Congleton R.D.C., Newcastle under Lyme R.D.C., Sir Delves Broughton, who supplies part of parish of Chapel and Hill Chorlton (Newcastle under Lyme R.D.); and Sir Thomas Salt, who supplies part of parish of Standon (Stone R.D.).

*Powers.*—Staffordshire Potteries Waterworks Consolidation and Extension Act, 1853; Staffordshire Potteries Waterworks Amendment Act, 1861; Staffordshire Potteries Waterworks Acts, 1868, 1888, and 1912.

*Limits.*—Stoke on Trent C.B.; Audley U.D.; Kidsgrove U.D.; Newcastle under Lyme B.; Smallthorne U.D.; Stone U.D.; Wolstanton United U.D.; and parishes of Ashley (Blore Heath R.D.); Caverswall, Checkley (part), Cheddleton, Dilhorne, Draycott in the Moors, Forsbrook (Cheadle R.D.); Bagnall, Endon and Stanley, Horton, Longsdon, Norton in the Moors (Leek R.D.); Chapel and Hill Chorlton, Clayton, Keele, Madeley, Maer, Whitmore (Newcastle under Lyme R.D.); Stoke Rural (Stoke on Trent R.D.); Barlaston, Eccleshall, Fulford, Hilderstone, Standon, Stone Rural, Swynnerton, and Trentham (Stone R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from New Red Sandstone and Millstone Grit, Wall Grange, Longsdon; (2) Well in New Red Sandstone, Meir, Caverswall; (3) Well in Millstone Grit, Stockton Brook, Norton in the Moors; (4) Wells in New Red Sandstone, Hatton, Swynnerton; (5) Spring from New Red Sandstone, Normacot, Longton; (6) Spring from New Red Sandstone, Sutherland, Longton. The average daily quantity of water derived from each source is, respectively, (1) 2,000,000 gallons; (2) 1,080,000 gallons; (3) 600,000 gallons; (4) 3,800,000 gallons; (5) 70,000 gallons; (6) 50,000 gallons; and a further 2,200,000 gallons per day could be obtained from (4).

*Works.*—No filtration. Storage reservoir:—Tittesworth, 222,313,000 gallons. Deep Hayes, Cheddleton, 104,687,000 gallons. Service reservoirs:—Hanchurch, Swynnerton, 3,000,000 gallons; Birches, Milton, 2,200,000 gallons; Meir, Longton, 650,000 gallons; Goldenhill, 750,000 gallons; Brownedge, Norton in the Moors, 890,000 gallons; Newcastle, Stoke on Trent, 210,000 gallons; Normacot, Longton, 220,000 gallons; Sutherland, Longton, 540,000 gallons; Redheath, Keele, 60,000 gallons; Leycett, Madeley, 11,000 gallons; Keele, 11,000 gallons; Bagnall, 30,000 gallons; Roughclose, Fulford, 10,000 gallons; Oulton, Stone Rural, 44,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 7,600,000 gallons, and 25,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (March 1911) that the water is excellent. Hardness:—(1) total 7·84°, permanent 6·4°; (2) total 12·5°, permanent 5·7°; (3) total 9·74°, permanent 5·3°; (4) total 9·32°, permanent 5·9°; (5) total 7·42°, permanent 6·9°; (6) total 10·16°, permanent 6·9°. No action on lead.

**Stapleford and Sandiacre Water Company, Ltd.**—Supplies parts of parishes of Sandiacre (Shardlow R.D.), and Stapleford (Stapleford R.D.).

*Powers.*—Stapleford and Sandiacre Water Act, 1889.

*Limits.*—Parishes of Sandiacre (Shardlow R.D.) and Stapleford (Stapleford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole in Bunter Sandstone, Station Road, Sandiacre. The average daily quantity of water obtained is 120,000 gallons.

*Works.*—No filtration. Service reservoir:—Sandiacre, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 23°; permanent, 6·5°. No action on lead.



**Steyning and District Waterworks Company, Ltd.**—Supplies parts of parishes of Bramber, Steyning, and Upper Beeding (Steyning West R.D.); and furnishes a supply in bulk to Steyning West R.D.C.

*Powers.*—Steyning and District Water Orders, 1897 and 1900.

*Limits.*—Parishes of Bramber, Steyning, and Upper Beeding (Steyning West R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and headings in Chalk, Upper Beeding. The average daily quantity of water obtained is 60,000 gallons, and a further 180,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoir:—Upper Beeding Hill, (a) 123,000 gallons, (b) 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 44,700 gallons, and 15,300 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Stroud Water Company.**—Supplies Nailsworth U.D. (part); and parts of parishes of Cainscross, Chalford, Horsley, King's Stanley, Leonard Stanley, Minchinhampton, Painswick, Pitchcombe, Rodborough, Stonehouse, Thrupp, Whiteshill, Woodchester (Stroud R.D.), Eastington, and Frocester (Wheatenhurst R.D.).

*Powers.*—Stroud Water Act, 1882.

*Limits.*—Nailsworth U.D.; and parishes of Bisley with Lypiatt, Cainscross, Chalford, Horsley, King's Stanley, Leonard Stanley, Minchinhampton, Painswick, Pitchcombe, Randwick, Rodborough, Stonehouse, Thrupp, Whiteshill, Woodchester (Stroud R.D.), Avening (Tetbury R.D.), and Eastington (Wheatenhurst R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Upper Lias formation, Chalford. The average daily quantity of water available is 400,000 gallons.

*Works.*—No filtration. Storage reservoirs:—Minchinhampton Common (a) 1,000,000 gallons, (b) 4,500,000 gallons; Painswick, 1,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is generally constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (20th January 1914) that the water is well suited for drinking purposes. Hardness:—(after treatment) total 5·6°, permanent 1·1°. No action on lead.

**Sunderland and South Shields Water Company.**—Supplies South Shields C.B.; Sunderland C.B.; Hebburn U.D. (part); Jarrow B.; Seaham Harbour U.D.; Southwick on Wear U.D.; and parishes of Burdon (part), Cold Hesledon (part), Dalton le Dale (part), Easington (part), East Murton (part), Hawthorn (part), Seaham, Seaton with Slingley (part), Shotton (part) (Easington R.D.); Newbottle (part), Silksworth (part) (Houghton le Spring R.D.); Boldon (part), Boldon Colliery, Harton, Monkton (part), Whitburn (part) (South Shields R.D.); Bishopwearmouth Without, Ford, Fulwell, Hylton, Ryhope, and Tunstall (Sunderland R.D.); and furnishes supplies in bulk to Houghton le Spring U.D.C., Chester le Street R.D.C., Easington R.D.C., and Houghton le Spring R.D.C.

*Powers.*—Sunderland and South Shields Waterworks Act, 1852; Sunderland and South Shields Waterworks Act Amendment Act, 1859; Sunderland and South Shields Water Acts, 1868 and 1891.

*Limits.*—South Shields C.B.; Sunderland C.B.; Felling U.D.; Hebburn U.D.; Hetton U.D.; Houghton le Spring U.D.; Jarrow B.; Seaham Harbour U.D.; Southwick on Wear U.D.; and parishes of Barmston, Bourn Moor, South Biddick, Usworth, Washington (Chester le Street R.D.); Burdon, Cold Hesledon, Dalton le Dale, Easington, East Murton, Haswell, Hawthorn, Seaham, Seaton with Slingley, Shotton (Easington R.D.); East and Middle Herrington, Great Eppleton, Little Eppleton, Moorsley, Morton Grange, Newbottle, Offerton, Painshaw, Silksworth, Warden Law, West Herrington (Houghton le Spring R.D.); Boldon, Boldon Colliery, Harton, Monkton, Whitburn (South Shields R.D.); Bishopwearmouth Without, Ford, Fulwell, Hylton, Ryhope, and Tunstall (Sunderland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and boreholes in Magnesian Limestone and underlying sand (Permian formation):—(1) Burdon; (2) Cleadon; (3) Dalton; (4) Fulwell; (5) Hawthorn; (6) Humbledon; (7) North Dalton; (8) Ryhope; (9) Seaham; (10) Seaton; (11) Shotton; (12) Stonygate; (13) Thorpe. The average daily quantity of water derived from each source is, respectively, (1) 146,000 gallons; (2) 27,000 gallons; (3) 1,292,000 gallons; (4) 787,000 gallons; (5) Nil; (6) 472,000 gallons; (7) 1,552,000 gallons; (8) 931,000 gallons; (9) Nil; (10) 446,000 gallons; (11) 671,000 gallons; (12) 1,098,000 gallons; (13) 1,098,000 gallons. A further 160,000 gallons per day could be obtained from (2), 450,000 gallons from (3), 400,000 gallons from (5), 290,000 gallons from (6), 100,000 gallons from (8), 250,000 gallons from (9), 200,000 gallons from (10), and 100,000 gallons from (11).



*Works.*—No filtration. Service reservoirs:—Cleadow, 1,920,000 gallons; Dalton, 3,976,000 gallons; Downhill, 3,084,000 gallons; Fulwell, 1,457,000 gallons; Humbleton (Low), 791,000 gallons, (High) 1,165,000 gallons; Murton, 297,000 gallons; Ryhope, 3,635,000 gallons; Seaham (North) 186,000 gallons, (South) 512,000 gallons; Seaton, 2,889,000 gallons; Stonygate, 3,040,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 8,369,000 gallons, and 151,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent—occasional chemical and frequent bacteriological examination. Hardness:—(1) total 23.7°, permanent 11.7°; (2) total 28°, permanent 14.2°; (3) total 22.1°, permanent 6.8°; (4) total 28.6°, permanent 9.9°; (5) total 28°, permanent 13.7°; (6) total 25.5°, permanent 8.8°; (7) total 26.3°, permanent 11.5°; (8) total 23°, permanent 8°; (9) total 25.4°, permanent 11.9°; (10) total 24.9°, permanent 8.7°; (11) total 25.4°, permanent 9.7°; (12) total 21.6°, permanent 9.9°. No action on lead.

**Sutton District Water Company.**—Supplies Carshalton U.D. (part); Merton and Morden U.D. (part); Sutton U.D.; and parishes of Beddington, Wallington, Woodmansterne, (Croydon R.D.), Banstead (part), Cheam (part), Cuddington (part), Ewell (part) (Epsom R.D. and Kingswood (part) (Reigate R.D.).

*Powers.*—Sutton District Waterworks Acts, 1871, 1887, 1903, and 1906; Sutton District Waterworks Order, 1910.

*Limits.*—Carshalton U.D.; Merton and Morden U.D. (part); Sutton U.D.; and parishes of Beddington, Wallington, Woodmansterne (Croydon R.D.); Banstead, Cheam, Cuddington, Ewell (Epsom R.D.); and Kingswood (Reigate R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells and adits in Chalk, Carshalton Road, Sutton; (2) Borings in Chalk, Chipstead Bottom, Woodmansterne. The average daily quantity of water derived from each source is, respectively, (1) 1,520,369 gallons; (2) 483,333 gallons.

*Works.*—No filtration. Storage reservoirs:—Sutton, 500,000 gallons; Carshalton, 1,000,000 gallons; Banstead (a) 360,000 gallons, (b) 470,000 gallons, (c) 20,000 gallons (tower); Woodmansterne, 1,385,000 gallons; Beddington, 1,000,000 gallons; Kingswood, (a) 25,000 gallons (tower), (b) 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,003,702 gallons. Supply is constant.

*Quality of Water.*—Chemical and bacteriological examinations of (1) monthly, and (2) quarterly. Analyst remarks (December 1913) that the water is excellent. Hardness (after softening):—(1) total 7.3°, permanent 5.3°; (2) total 6.2°, permanent 2.6°. No action on lead.

**Swaffham Water Company, Ltd.**—Supplies Swaffham U.D. (part).

*Powers.*—Swaffham Water Order, 1891.

*Limits.*—Swaffham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 230 feet, in Chalk, at Swaffham. The average daily quantity of water obtained is 60,000 gallons, and a further 120,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Tower at Swaffham, 16,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 30,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hard.

**Tendring Hundred Waterworks Company.**—Supplies Frinton on Sea U.D.; Harwich B.; Walton on the Naze U.D.; and parts of parishes of Beaumont with Moze, Bradfield, Great Holland, Great Oakley, Kirby le Soken, Lawford, Little Clacton, Manningtree, Mistley, Ramsey, Tendring, Thorpe le Soken, and Wix (Tendring R.D.).

*Powers.*—Tendring Hundred Waterworks Acts, 1884, 1886, and 1901; Tendring Hundred Water and Gas Act, 1912.

*Limits.*—Frinton on Sea U.D.; Harwich B.; Walton on the Naze U.D.; and parishes of Dedham (Lexden and Winstree R.D.); Ardleigh, Beaumont with Moze, Bradfield, Great Holland, Great Oakley, Kirby le Soken, Lawford, Little Bentley, Little Bromley, Little Clacton, Little Oakley, Manningtree, Mistley, Ramsey, Tendring, Thorpe le Soken, Weeley, Wix, and Wrabness (Tendring R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, (1) Mistley, (2) Lawford. The average daily quantity of water available from each source is, respectively, (1) 53,000 gallons, (2) 621,000 gallons.

*Works.*—No filtration. Service reservoirs:—Dovercourt tanks, (a) 222,000 gallons, (b) 75,000 gallons; Frinton on Sea, 50,000 gallons. Pressure is sufficient.



*Quantity of Water supplied.*—The daily average is 449,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (20th July 1913) that the water is of the highest degree of organic and bacterial purity. Hardness:—total, 20°; permanent, 6°. No action on lead.

**Thirsk District Water Company, Ltd.**—Supplies parts of parishes of Boltby, Carlton Miniott, Felixkirk, Newsham with Breckenbrough, South Otterington, Sowerby, Thirsk, and Thornton le Moor (Thirsk R.D.).

*Powers.*—Thirsk District Water Orders, 1879 and 1884.

*Limits.*—Parishes of Boltby, Carlton Miniott, Felixkirk, Sowerby, and Thirsk (Thirsk R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland gathering ground of 800 acres, Boltby, near Thirsk. Yield not known.

*Works.*—No filtration. Reservoir:—Boltby, 30,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 274,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (24th August 1912) that the water may be safely used for drinking. Hardness:—total, 2·9°; permanent, 2·7°. Action on lead not known.

**Thorne and District Water Company.**—Supplies parts of parishes of Hatfield and Thorne (Thorne R.D.).

*Powers.*—Thorne and District Water Act, 1910.

*Limits.*—Parishes of Fishlake, Hatfield, Stainforth and Thorne (Thorne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and bores in Red Sandstone at Hatfield. The average daily quantity of water available is 132,000 gallons.

*Works.*—No filtration. Service reservoir:—Hatfield, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Not known.\*

*Quality of Water.*—Annual chemical examination. Analyst remarks (14th January 1914) that the water is suitable for a public supply. Hardness:—total, 8·8°; permanent, 5°. No action on lead.

**Tilehurst, Pangbourne, and District Water Company, Ltd.**—Supplies parts of parishes of Pangbourne, Purley, Theale, Tidmarsh, Tilehurst (Bradfield R.D.), and Whitechurch (Goring R.D.).

*Powers.*—Tilehurst, Pangbourne, and District Water Orders, 1894, 1896, 1899, and 1901.

*Limits.*—Parishes of Englefield, Pangbourne, Purley, Sulham, Theale, Tidmarsh, Tilehurst (Bradfield R.D.), and Whitechurch (Goring R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Tilehurst. The average daily quantity of water obtained is 69,354 gallons.

*Works.*—No filtration. Storage reservoir:—Tilehurst, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 69,354 gallons. Supply is constant.

*Quality of Water.*—Very good. Hardness not known. No action on lead.

**Tonbridge Waterworks Company, Ltd.**—Supplies Tonbridge U.D. (part); parts of parishes of Leigh (Sevenoaks R.D.), Hildenborough, and Tonbridge Rural (Tonbridge R.D.).

*Powers.*—Tonbridge Water Orders, 1886 and 1900.

*Limits.*—Tonbridge U.D.; parishes of Shipbourne (Malling R.D.), Leigh (Sevenoaks R.D.), Hildenborough, and Tonbridge Rural (Tonbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells through clay into gravel and borehole (350 feet) into Ashdown Beds, Old Race Course Meadows, Tonbridge. The average daily quantity of water obtained is 650,000 gallons.

*Works.*—Pressure filters. Storage reservoir:—Tonbridge, 800,000 gallons. Service reservoirs:—Quarry Hill, Tonbridge, 500,000 gallons; Hangman's Hill, Tonbridge, (two) 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 650,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (2nd December 1913) that the water is satisfactory. Hardness:—total, 18·5°; permanent, 8·5°. No action on lead.

\* Works only recently completed.



**Totland Water Company.**—Supplies part of parish of Totland (Isle of Wight R.D.).

*Powers.*—Totland Waterworks Act, 1899.

*Limits.*—Part of parish of Totland (Isle of Wight R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces, about 90 acres over "Headon Beds," Headon Hill, Totland. The average daily quantity of water available is 42,850 gallons.

*Works.*—Water is filtered. Storage reservoirs:—Headon Hill, (a) 91,000 gallons, (b) 165,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (June and December 1913) that the water is good. Hardness:—total, 12°; permanent, 2°. No action on lead.

**Trowbridge Water Company.**—Supplies Melksham U.D. (part); Trowbridge U.D. (part); and parishes of Hilperton, Melksham Without (part), Semington (part), Staverton (part) (Melksham R.D.), North Bradley (part), Southwick (part), and West Ashton (part) (Westbury and Whorwellsdown R.D.); and furnishes supplies in bulk to Bradford on Avon R.D.C., Melksham R.D.C., and Westbury and Whorwellsdown R.D.C.

*Powers.*—Trowbridge Water Acts, 1873 and 1878.

*Limits.*—Melksham U.D.; Trowbridge U.D.; and parishes of Westwood, Winkfield (Bradford on Avon R.D.), Hilperton, Melksham Without, Semington (Melksham R.D.), Heywood, North Bradley, and Southwick (Westbury and Whorwellsdown R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Chalk, Biss Bottom, Upton Scudamore; (2) Well in Malmstone, Biss Bottom, Upton Scudamore. The average daily quantity of water available from each source is, respectively, (1) 408,500 gallons, (2) 500,000 gallons.

*Works.*—No filtration. Storage reservoir:—Dilton, 250,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 494,130 gallons and 4,100 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—monthly bacteriological examination. Hardness, 16°. No action on lead.

**Truro Water Company.**—Supplies Truro B. (part); and parish of St. Clement Rural (part) (Truro R.D.).

*Powers.*—Truro Water Acts, 1875 and 1905; Truro Water (Extension of Time) Act, 1878.

*Limits.*—Truro B.; and parishes of St. Clement Rural, and St. Erme (Truro R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Trevella Stream, St. Erme; (2) Penair Spring, St. Clement. Yield not known.

*Works.*—Filtration, 312 gallons per square yard per day, and pressure filters. Service reservoirs:—Mitchell Road, Truro, (a) 528,000 gallons, (b) 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 269,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly bacteriological examination. Analyst remarks (17th December 1913) that bacterially the water is of excellent quality. Hardness, 4°. No action on lead.

**Uckfield Water Company.**—Supplies Uckfield U.D.; and parts of parishes of Framfield and Little Horsted (Uckfield R.D.).

*Powers.*—Uckfield Water Act, 1888; Uckfield Water Order, 1902.

*Limits.*—Uckfield U.D.; and parishes of Buxted (part), Fletching, Framfield, Hadlow Down, Isfield, Little Horsted, and Maresfield (Uckfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two wells and artesian borings in Ashdown Sand, Hempstead Lane, Buxted. The average daily quantity of water obtained is 60,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Hempstead Lane, 250,000 gallons; Tower, Browns Lane, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (September 1910) that chemically the water is excellent. Soft and acts on lead, but iron pipes are used.

**Uppingham Waterworks Company.**—Supplies part of parish of Uppingham (Uppingham R.D.).

*Powers.*—Uppingham Waterworks Act, 1876.

*Limits.*—Parish of Uppingham (Uppingham R.D.).



*Sources of Supply (Nature and Sufficiency).—*(1) Wells at Uppingham; (2) Well in gravel, Welland Valley, four miles from Uppingham. The average daily quantity of water available from each source is, respectively, (1) 12,000 gallons; (2) 200,000 gallons.

*Works.*—No filtration. Storage reservoir:—Uppingham, 100,000 gallons. Service reservoirs:—Uppingham, 30,000 gallons; Stockerston Road, Uppingham, 300,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 47,500 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical and bacteriological examination. Analyst remarks (18th August 1913) that the water is satisfactory. Hardness:—total, 16·1°; permanent, 9·1°. No action on lead.

**Usk Waterworks Company, Ltd.**—Supplies Usk U.D. (part); and parish of Llanbadoc (part) (Pontypool R.D.).

*Powers.*—Usk Water Order, 1890.

*Limits.*—Usk U.D. (part); and parts of parishes of Gwehelog, Llanbadoc, and Monkswood (Pontypool R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Upper Silurian and Old Red Sandstone, Pandy Field, Goytre. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 6·9°. No action on lead.

**The Ventnor Gas and Water Company.**—Supplies Ventnor U.D.; and parts of parishes of Bonchurch, and St. Lawrence (Isle of Wight R.D.).

*Powers.*—Ventnor Gas and Water Act, 1866; Ventnor Gas and Water Order, 1879.

*Limits.*—Ventnor U.D.; and parishes of Bonchurch and St. Lawrence (Isle of Wight R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk, The Downs, Ventnor. Yield not known.

*Works.*—No filtration. Service reservoir:—The Downs, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Supply is intermittent.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (28th October 1913) that bacterially the water is very satisfactory. Hardness:—total, 18·6°; permanent, 5·8°. No action on lead.

**Wantage Water Company, Ltd.**—Supplies Wantage U.D. (part); and parishes of Charlton (part), and Grove (Wantage R.D.).

*Powers.*—Wantage Water Order, 1876.

*Limits.*—Wantage U.D.; and parishes of Charlton, Grove, and West Lockinge (Wantage R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs in tunnels in Berkshire Downs, 1½ miles from Wantage; (2) Two artesian wells, Manor Road, Wantage. Yield not known.

*Works.*—Water is filtered. Service reservoirs:—Manor Road, (a) 8,000 gallons, (b) 7,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Periodical bacteriological examination. Analyst remarks (12th February 1914) that the water is of good quality for drinking and domestic purposes. Hardness not known. No action on lead.

**Weardale and Consett Water Company.**—Supplies Annfield Plain U.D. (part); Benfieldside U.D. (part); Blaydon U.D. (part); Brandon and Byshottles U.D. (part); Chester le Street U.D.; Consett U.D.; Crook U.D. (part); Durham B.; Leadgate U.D. (part); Shildon U.D.; Spennymoor U.D. (part); Stanley U.D. (part); Tanfield U.D.; Tow Law U.D.; Whickham U.D. (part); Willington U.D. (part); and parishes of Auckland St. Andrew (part), Auckland St. Helen (part), Binchester (part), Byers Green (part), Coundon, Coundon Grange (part), Eldon (part), Escomb, Evenwood and Barony (part), Helmington Row (part), Hunwick and Helmington (part), Lynesack and Softley (part), Merrington (part), Middlestone (part), Middridge (part), Middridge Grange (part), Newfield (part), Newton Cap (part), North Bedburn (part), Old Park (part), Pollard's Lands, West Auckland (part), Westerton, Whitworth Without, Windlestone (part), Witton le Wear (part) (Auckland R.D.); Cooken (part), Edmondsley (part), Harraton (part), Lamesley (part), Ouston (part), Pelton (part), Plawsworth (part), Urpeth (part), Walldridge (part), Witton Gilbert (part), (Chester le Street R.D.); Redworth (part) (Darlington R.D.); Bearpark (part), Belmont (part), Brancepeth (part), Broom, Cassop cum Quarrington (part), Coxhoe (part), Fram-



wellgate Moor (part), Hett (part), Kimblesworth (part), Neville's Cross, Pitlington (part), St. Oswald's (part), Sherburn (part), Shincliffe (part), Sunderland Bridge (part) (Durham R.D.); Hedley (part) (Hexham R.D.); East Rainton (part), Moor House, West Rainton (part) (Houghton le Spring R.D.); Cornsay (part), Craghead (part), Ebchester (part), Esh (part), Greencroft (part), Healeyfield (part), Hedleyhope (part), Knitsley (part), Lanchester (part), Langley (part), Medomsley (part), Muggleswick (part) (Lanchester R.D.); Bishop Middleham, Chilton, Cornforth, Ferryhill (part), Mainsforth, Thrislington (Sedgefield R.D.); and Wolsingham (part) (Weardale R.D.); and furnishes supplies in bulk to Bishop Auckland U.D.C. (see page 18), Auckland R.D.C., Chester le Street R.D.C., Durham R.D.C., Sedgefield R.D.C., Lambton and Hetton Collieries, Ltd., who supply parts of parishes of Shadforth; Sherburn (Durham R.D.), and Raisby Hill Quarries, who supply part of parish of Garmondsway Moor (Sedgefield R.D.).

*Powers.*—Weardale and Shildon District Waterworks, Acts, 1866, 1875, and 1879; Consett Waterworks Acts, 1860, 1869, 1894, and 1902; Weardale Water Act, 1902; Blaydon and Ryton Water (Transfer) Act, 1908.

*Limits.*—Annfield Plain U.D.; Benfieldside U.D.; Bishop Auckland U.D.; Blaydon U.D. (part); Brandon and Byshottles U.D.; Chester le Street U.D.; Consett U.D.; Crook U.D.; Durham B.; Leadgate U.D.; Shildon U.D.; Spennymoor U.D.; Stanley U.D.; Tanfield U.D.; Tow Law U.D.; Whickham U.D. (part); Willington U.D.; and parishes of Auckland St. Andrew, Auckland St. Helen, Binchester, Byers Green, Coundon, Coundon Grange, Eldon, Escomb, Evenwood and Barony, Hamsterley, Helmington Row, Hunwick and Helmington, Lynesack and Softley, Merrington, Middlestone, Middridge, Middridge Grange, Newfield, Newton Cap, North Bedburn, Old Park, Pollard's Lands, South Bedburn, West Auckland, Westerton, Whitworth Without, Windlestone, Witton le Wear (Auckland R.D.); Cocken, Edmondsley, Lamesley (part), Ouston, Pelton, Plawsworth, Urpeth, Waldrige, Witton Gilbert (Chester le Street R.D.); Heighington, Redworth (Darlington R.D.); Bearpark, Belmont, Brancepeth, Broom, Cassop cum Quarrington, Coxhoe, Framwellgate Moor, Hett, Kimblesworth, Neville's Cross, Pitlington, St. Oswald's, Sherburn, Sherburn House, Shincliffe, Sunderland Bridge, Whitwell House (Durham R.D.); Kelloe (Easington R.D.); Hedley, Newlands, Shotley Low Quarter, Whittonstall (Hexham R.D.); East Rainton, Moor House, West Rainton (Houghton le Spring R.D.); Cornsay, Craghead, Ebchester, Esh, Greencroft, Healeyfield, Hedleyhope, Knitsley, Lanchester, Langley, Medomsley, Muggleswick, Satley (Lanchester R.D.); Bishop Middleham, Chilton, Cornforth, Ferryhill, Garmondsway Moor, Mainsforth, Thrislington, Trimdon (Sedgefield R.D.); and Wolsingham (Weardale R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, 6,000 acres, on River Wear watershed; (2) Gathering ground, 3,000 acres on River Derwent watershed; (3) Well in Millstone Grit, near Blanchland. The average daily quantity of water obtained is 6,417,901 gallons, and a further 322,099 gallons per day could be obtained.

*Works.*—Filtration, 430 gallons per square yard per day. Storage reservoirs:—Waskerley, 450,000,000 gallons; Tunstall, 520,000,000 gallons; Smiddy Shaw, 305,000,000 gallons; Hisehope, 106,000,000 gallons. Service reservoirs:—Horsegate, Chopwell, 580,000 gallons; Barlow, 150,000 gallons; Victoria, Garesfield, 45,000 gallons; Consett, 1,500,000 gallons; Loud Hill, Annfield Plain, 660,000 gallons; Stanley, 750,000 gallons; Flint Hill, Dipton, 330,000 gallons; Burnhope, Lanchester, 330,000 gallons; Plawsworth, 175,000 gallons; Sacriston, 260,000 gallons; Auton, Durham, 2,330,000 gallons; Mount Joy, Durham, 750,000 gallons; Tow Law, 700,000 gallons; Mount Pleasant, Crook, 3,000,000 gallons; Billy Row, Crook, 2,000,000 gallons; Stockley, Brancepeth, 2,000,000 gallons; North Beechburn, 3,000,000 gallons; Spennymoor, 600,000 gallons; Ferryhill, 2,000,000 gallons; Westerton, 130,000 gallons; Etherley, 1,000,000 gallons; Shildon, 3,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,332,853 gallons and 85,048 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 3°. Water from sources (1) and (2) acts on lead, and is treated with ground lime.

**West Cheshire Water Company.**—Supplies Bromborough U.D.; Ellesmere Port and Whitby U.D.; Higher Bebington U.D. (part); Lower Bebington U.D.; Neston and Parkgate U.D. (part); and parishes of Capenhurst (part), Chorlton by Backford (part), Great Saughall, Little Saughall (part), Little Stanney (part), Shotwick (part), Shotwick Park, Stoke, Woodbank (part) (Chester R.D.); Arrowe, Barnston (part), Brimstage, Burton, Childer Thornton, Eastham, Gayton, Great Sutton, Heswall cum Oldfield, Hooton, Irby (part), Landican, Ledsham, Little Sutton, Ness, Noctorum, Pensby, Poulton cum Spital, Prenton, Puddington, Raby, Storeton, Thingwall, Thornton Hough, Thurstaston, Upton by Birkenhead, Willaston, Woodchurch (Wirral R.D.).



*Powers.*—West Cheshire Water Acts, 1884 and 1911; West Cheshire Water Order, 1894.

*Limits.*—Bromborough U.D.; Ellesmere Port and Whitby U.D.; Higher Bebington U.D.; Lower Bebington U.D.; Neston and Parkgate U.D. (part); and parishes of Capenhurst, Great Saughall, Little Saughall, Little Stanney, Shotwick, Stoke, Woodbank (Chester R.D.); Arrowe, Barnston, Brimstage, Burton, Childer Thornton, Eastham, Gayton, Great Sutton, Heswall cum Oldfield, Hooton, Irby, Landican, Ledsham, Little Sutton, Ness, Noctorum, Pensby, Poulton cum Spital, Prenton, Puddington, Raby, Storeton, Thingwall, Thornton Hough, Thurstaston, Upton by Birkenhead, Willaston, Woodchurch (Wirral R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boreholes in New Red Sandstone, Hooton, near Chester. The average daily quantity of water obtained is 1,062,121 gallons, and a further 400,000 gallons per day could be obtained.

*Works.*—Water is filtered and softened. Reservoir:—Tower at Heswall, 100,000 gallons, and Tower at Ellesmere Port, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,062,121 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (15th December 1913) that the water is of the highest degree of organic and bacterial purity. Hardness:—total, 8.5°; permanent, 1.5°. No action on lead; contains some iron.

**Westgate and Birchington Water Company.**—Supplies parts of parishes of Acol, Birchington, and Westgate on Sea (Isle of Thanet R.D.).

*Powers.*—Westgate and Birchington Water Acts, 1879 and 1900.

*Limits.*—Parishes of Acol, Birchington, and Westgate on Sea (Isle of Thanet R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and adits in Chalk at Westgate on Sea. The average daily quantity of water obtained is 209,674 gallons.

*Works.*—No filtration. Service reservoir:—Tower at Westgate on Sea, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 209,674 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (14th January 1914) that chemically the water is satisfactory. Hardness:—total, 20.9°; permanent, 4.1°. No action on lead.

**West Gloucestershire Water Company.**—Supplies Kingswood U.D. (part); and parishes of Nettleton (part) (Chippenhams R.D.); Acton Turville, Chipping Sodbury (part), Dodington (part), Doynton (part), Filton (part), Frampton Cotterell (part), Great Badminton, Hawkesbury (part), Horton (part), Old Sodbury (part), Stoke Gifford (part), Tormarton (part), Westerleigh (part), Wick and Abson (part), Wickwar (part), Winterbourne (part), Yate (part) (Chipping Sodbury R.D.); Corston (part), Keynsham (part), Newton St. Loe (part), Saltford (part), Whitechurch (part) (Keynsham R.D.); Sopworth (Malmesbury R.D.); Didmorton (Tetbury R.D.); Almondsbury (part), Alveston (part), Olveston (part), Redwick and Northwick (part), Thornbury (part), Tytherington (part) (Thornbury R.D.); Bitton (part), Hanham Abbots (part), Mangotsfield (part), Oldland (part), and Siston (part) (Warmley R.D.).

*Powers.*—West Gloucestershire Water Acts, 1884, 1887, 1899, 1902, 1909 and 1914; West Gloucestershire Water Order, 1911.

*Limits.*—Kingswood U.D.; and parishes of Nettleton (Chippenhams R.D.), Acton Turville, Alderley, Chipping Sodbury, Dodington, Doynton, Dyrham and Hinton, Filton, Frampton Cotterell, Great Badminton, Hawkesbury, Horton, Iron Acton, Little Sodbury, Old Sodbury, Pucklechurch, Stoke Gifford, Tormarton, Wapley and Codrington, Westerleigh, Wick and Abson, Wickwar, Winterbourne, Yate (Chipping Sodbury R.D.), Chelwood, Chew Magna, Chew Stoke, Norton Malreward, Publow, Stanton Drew (Clutton R.D.),<sup>\*</sup> Kingswood (part), Wotton under Edge (part) (Dursley R.D.), Burnett, Compton Dando, Corston, Kelston, Keynsham, Newton St. Loe, North Stoke, Queen Charlton, Saltford, Whitechurch (Keynsham R.D.), Sopworth (Malmesbury R.D.), Didmorton (Tetbury R.D.), Alkington, Almondsbury, Alveston, Berkeley, Breadstone, Charfield, Cromhall, Elberton, Ham and Stone, Hamfallow, Henbury (part), Hill, Hinton, Littleton upon Severn, Olveston, Redwick and Northwick, Rockhampton, Thornbury, Tortworth, Tytherington (Thornbury R.D.), Bitton, Hanham Abbots, Mangotsfield, Oldland, and Siston (Warmley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Millstone Grit, Frampton Cotterell; (2) Wells in Pennant formation, Cowhorn, Warmley; (3) Well in Pennant formation, California, Oldland. The average daily quantity of water derived from each source is, respectively, (1) 798,000 gallons; (2) 260,000 gallons; (3) is not yet in use.

\* The parishes in Clutton R.D. are excluded from the limits of supply by the Act of 1914.



*Works.*—Mechanical filters. Service reservoirs:—Kingswood (Hopewell Hill), (a) 2,250,000 gallons, (b) 100,000 gallons; Old Sodbury, 75,000 gallons; Petty France, 10,000 gallons; Thornbury, 56,000 gallons; Whitechurch, 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,058,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly bacteriological examination. Analyst remarks (22nd December 1913) that bacterially the water is well adapted for a public supply. Hardness:—(1) 16·0°, (2) 28° (18° after softening). No action on lead.

**West Hampshire Water Company.**—Supplies Bournemouth C.B. (part); Christchurch B. (part); and parts of parishes of Christchurch East, Highcliffe, Holdenhurst, Hurn (Christchurch R.D.); Hordle, Milford on Sea, Milton, and Pennington (Lymington R.D.).

*Powers.*—West Hampshire Water Acts, 1893, 1902, and 1913.

*Limits.*—Bournemouth C.B. (part); Christchurch B.; and parishes of Christchurch East, Highcliffe, Holdenhurst (part), Hurn, Sopley (Christchurch R.D.); Boldre, Hordle, Milford on Sea, Milton, Pennington, Rhinefield, Sway (Lymington R.D.); and Ringwood (Ringwood R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Avon, intake at Knapp Mill, Christchurch. The average daily quantity of water obtained is 297,000 gallons, but the supply is unlimited.

*Works.*—Filtration, 335 gallons per square yard per day, and pressure filters. Service reservoirs:—St. Catherine's Hill, Hurn, 150,000 gallons; tower at Southbourne, 40,000 gallons; tower at New Milton, 220,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 297,000 gallons. Supply is constant.

*Quality of Water.*—Fortnightly bacteriological and quarterly chemical examination. Analyst remarks (November 1913) that bacteriologically the water is excellent. Hardness:—14°.

**West Surrey Water Company.**—Supplies Chertsey U.D. (part); Walton upon Thames U.D. (part); Weybridge U.D. (part); and parts of parishes of Byfleet (Chertsey R.D.) and Shepperton (Staines R.D.).

*Powers.*—West Surrey Water Acts, 1869, 1877, 1888, and 1901.

*Limits.*—Chertsey U.D.; Walton upon Thames U.D.; Weybridge U.D.; and parishes of Byfleet (Chertsey R.D.), Cobham (part) (Epsom R.D.), Littleton, and Shepperton (Staines R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Thames, intake near Walton Bridge, Walton upon Thames. The average daily quantity of water which may be taken is 3,000,000 gallons.

*Works.*—Filtration, 102 gallons per square yard per day. Storage reservoirs:—Walton Bridge, (a) 16,000,000 gallons, (b) 16,000,000 gallons. Service reservoirs:—St. George's Hill, Walton, (a) 250,000 gallons, (b) 1,750,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,080,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and quarterly bacteriological examination. Analyst remarks that chemically (4th December 1913) the water is very good and bacterially (6th November 1913) it is very satisfactory. Hardness:—total, 14°; permanent, 3·5°. No action on lead.

**Wetherby District Water Company.**—Supplies parts of parishes of Bardsey cum Rigton, Boston Spa, Bramham cum Oglethorpe, Clifford, Collingham, East Keswick, Kirk Deighton, Linton, Micklethwaite, Scarcroft, Thorner, Thorp Arch, Walton, and Wetherby (Wetherby R.D.).

*Powers.*—Wetherby District Water Acts, 1899 and 1900; Wetherby District Water Order, 1904.

*Limits.*—Parishes of Angram, Bardsey cum Rigton, Bickerton, Bilton, Boston Spa, Bramham cum Oglethorpe, Clifford, Collingham, Cowthorpe, Dunkeswick, East Keswick, Harewood, Hutton Wandesley, Kearby with Netherby, Kirkby Overblow, Kirk Deighton, Linton, Little Ribston, Long Marston, Micklethwaite, North Deighton, Rigton, Scarcroft, Sicklinghall, Spofforth with Stockeld, Thorner, Thorp Arch, Tockwith, Walton, Weardly, Weeton, Wetherby, Wighill, Wigton, Wilstrop, Wothersome, and Wyke (Wetherby R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Millstone Grit, Bardsey. The average daily quantity of water obtained is 140,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—Part of the water is filtered. Service reservoirs:—Bardsey, 121,570 gallons; Scarcroft, 28,437 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 140,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (1908) that chemically the water is remarkably pure. Hardness, 7·5°. No action on lead.



**Weymouth Waterworks Company.**—Supplies Weymouth and Melcombe Regis B.; and parishes of Broadway (part), Chickereil (part), Preston, Radipole (part), Upway (part), and Wyke Regis (part) (Weymouth R.D.); and furnishes a supply in bulk to Weymouth R.D.C.

*Powers.*—Weymouth Waterworks Acts, 1855 and 1897.

*Limits.*—Weymouth and Melcombe Regis B.; and parishes of Broadway, Chickereil, Preston, Radipole, Upway (part), and Wyke Regis (Weymouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk, Sutton Poyntz, Preston. The average daily quantity of water obtained is 894,210 gallons, and a further 2,105,790 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Preston, 300,000 gallons; Wyke Regis, 500,000 gallons; Rodwell, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 893,090 gallons and 1,120 gallons in bulk. Supply is constant.

*Quality of Water.*—Annual chemical and bacteriological examination. Analyst remarks (6th February 1913) that the water is of a high degree of purity. Hardness, 15°. No action on lead.

**Wey Valley Water Company.**—Supplies Farnham U.D. (part); and parts of parishes of Binsted, Grayshott (Alton R.D.); Dockenfield, Farnham Rural, Frensham, Seale, Shottermill (Farnham R.D.); Puttenham, Wanborough (Guildford R.D.); Fernhurst, Linchmere, North Ambersham (Midhurst R.D.); Bramshott (Petersfield R.D.).

*Powers.*—Wey Valley, Frimley and Farnham Water Act, 1898; Wey Valley Water Orders, 1905 and 1913.

*Limits.*—Farnham U.D. (part); and parishes of Bentley, Binsted, Grayshott, Headley, Kingsley (Alton R.D.); Dockenfield, Farnham Rural, Frensham, Seale (part), Shottermill (Farnham R.D.); Puttenham, Wanborough (Guildford R.D.); Fernhurst, Linchmere, North Ambersham (Midhurst R.D.); and Bramshott (Petersfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Three wells in Lower Greensand, Hindhead; (2) Supply in bulk from Frimley and Farnborough District Water Company (see page 192). The average daily quantity of water derived from each source is, respectively, (1) 81,000 gallons, (2) 150,000 gallons, and a further 269,000 gallons per day could be obtained from (1).

*Works.*—No filtration. Service reservoirs:—Hindhead, Tower Road, 25,000 gallons; London Road, (a) 30,000 gallons, (b) 320,000 gallons, (c) 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 231,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (21st April 1911) that chemically the water is quite satisfactory. Hardness, (1) 2·8°. No action on lead.

**Whitby Waterworks Company.**—Supplies Whitby U.D. (part); and parts of parishes of Aislaby, Egton, Eskdaleside cum Ugglebarnby, and Hawsker with Stainsacre (Whitby R.D.).

*Powers.*—Whitby Waterworks Act, 1864; Whitby Water Act, 1895.

*Limits.*—Whitby U.D.; and parishes of Aislaby, Eskdaleside cum Ugglebarnby, Fylingdales, Hawsker with Stainsacre, and Newholm with Dunsley (Whitby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone:—(1) Wheeldale Moor; (2) Randymere; (3) Sleights Moor. The average daily quantity of water obtained is 370,000 gallons, and a further 840,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Randymere, 13,000,000 gallons; Sleights Moor, 45,000 gallons. Service reservoirs:—Sneaton Castle, Ruswarp, 288,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 370,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 9·3°; permanent, 2·2°. No action on lead.

**Isle of Wight Waterworks Company.**—Supplies Sandown U.D. (part); Shanklin U.D. (part); and parts of parishes of Brading and Newchurch (Isle of Wight R.D.).

*Powers.*—Isle of Wight Waterworks Act, 1861.

*Limits.*—Sandown U.D.; Shanklin U.D. (part); and parishes of Brading, Newchurch (Isle of Wight R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Yar, intake near Alverstone. Yield not known.

*Works.*—Water is filtered. Reservoirs:—Sandown, 2,000,000 gallons; Brading Down, 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 350,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total, 8·4°; permanent, 2·9°. No action on lead.



**Winchester Water and Gas Company.**—Supplies Winchester B.; and parts of parishes of Chilcomb Without and Weeke Without (Winchester R.D.).

*Powers.*—Winchester Water and Gas Acts, 1865 and 1903; Winchester Water and Gas Order, 1888.

*Limits.*—Winchester B.; and parishes of Avington, Chilcomb Without, Easton, Headbourne Worthy, Itchen Abbas, King's Worthy, Martyr Worthy and Weeke Without (Winchester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk, Romsey Road, Winchester. The average daily quantity of water obtained is 710,452 gallons. is constant.

*Works.*—No filtration. Service reservoirs:—Romsey Road, (a) 472,000 gallons, (b) 230,000 gallons, (c) 13,600 gallons; Sarum Road, 50,000 gallons; Teg Down, Winchester, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 710,452 gallons. Supply is constant.

*Quality of Water.*—Excellent—quarterly chemical and bacteriological examination. Hardness:—total, 16·52°; permanent, 3·29°. No action on lead.

**Windermere District Gas and Water Company.**—Supplies Windermere U.D. (part); and parts of parishes of Troutbeck and Undermillbeck (South Westmorland R.D.).

*Powers.*—Windermere District Waterworks Act, 1869; Windermere District Gas and Water Acts, 1889 and 1912.

*Limits.*—Windermere U.D.; and parishes of Troutbeck and Undermillbeck (South Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Dubbs Beck stream, Applethwaite. Yield not known.

*Works.*—No filtration. Storage reservoir:—Applethwaite, 24,150,000 gallons. Service reservoir:—Alice Howe, Windermere, 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 300,000 gallons. Supply is constant.

*Quality of Water.*—Good. Soft; acts slightly on lead but is not treated.

**Wirral Waterworks Company.**—Supplies Birkenhead C.B. (part).

*Powers.*—Wirral Waterworks Acts, 1859 and 1911.

*Limits.*—Birkenhead C.B. (part).

*Sources of Supply (Nature and Sufficiency).*—Wells and boreholes in New Red Sandstone, Prenton Valley, near Birkenhead. The average daily quantity of water obtained is 1,181,000 gallons, and a further 400,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Prenton Hill, upper, 600,000 gallons, lower, 1,800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,181,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical and bacteriological examination. Analyst remarks (16th December 1913) that the water is well adapted for a public supply. Hardness:—total, 14°; permanent, 5·5°. No action on lead.

**Wisbech Waterworks Company.**—Supplies Downham Market U.D. (part); March U.D. (part); Walsoken U.D. (part); Wisbech B. (part); and parts of parishes of Downham West, Fincham, Marham, Stow Bardolph, Watlington, Wiggenhall St. German, Wiggenhall St. Mary Magdalen, Wiggenhall St. Mary the Virgin, Wimbotsham (Downham R.D.); Emneth, Outwell, Terrington St. John; Tilney St. Lawrence, Tilney with Islington, Upwell, Walpole St. Peter, West Walton (Marshland R.D.); Doddington, Wimblington (North Witchford R.D.); Elm, Leverington, Outwell, and Upwell (Wisbech R.D.); and furnishes supplies in bulk to Chatteris U.D.C. and North Witchford R.D.C.

*Powers.*—Wisbech Waterworks Act, 1864; Wisbech Water Orders, 1876 and 1884; Wisbech Water Acts, 1901 and 1907.

*Limits.*—Downham Market U.D.; March U.D.; Walsoken U.D.; Wisbech B.; and parishes of Bexwell, Crimplesham, Denver, Downham West, Fincham, Fordham, Hilgay, Marham, Runceton Holme, Ryston, Shouldham, Shouldham Thorpe, South Runceton, Stow Bardolph, Stradsett, Tottenhill, Watlington with Thorpland, Watlington, Wiggenhall St. German, Wiggenhall St. Mary Magdalen, Wiggenhall St. Mary the Virgin, Wiggenhall St. Peter, Wimbotsham, Wormegay (Downham R.D.); Setchey (Freebridge Lynn R.D.); Emneth, Outwell, Terrington St. John, Tilney St. Lawrence, Tilney with Islington, Upwell (Norfolk), Walpole St. Peter, West Walton (Marshland R.D.); Doddington, Wimblington (North Witchford R.D.); Elm, Leverington, Newton, Outwell, Parson Drove, Tydd St. Giles, Upwell (Cambs.), and Wisbech St. Mary (Wisbech R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk, Marham. Yield not known, but the supply is unlimited.



*Works.*—No filtration. No reservoirs. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 5,138,160 gallons, and 50,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 17°; permanent, 4·6°. No action on lead; contains traces of magnesia.

**Woking Water and Gas Company.**—Supplies Woking U.D. (part); and parts of parishes of Bisley, Pyrford (Chertsey R.D.); East Clandon, East Horsley, Merrow, Ockham, Pirbright, Send and Ripley, West Clandon, West Horsley, Wisley and Worplesdon (Guildford R.D.); and furnishes an occasional supply in bulk to Guildford T.C. (see page 57).

*Powers.*—Woking Water and Gas Acts, 1881, 1885, and 1899; Surrey and Hants. District Waterworks Act, 1887; Frimley and Farnborough District Water Act, 1893.

*Limits.*—Woking U.D.; and parishes of Bisley, Pyrford (Chertsey R.D.); East Clandon, East Horsley, Merrow, Ockham, Pirbright, Send and Ripley, West Clandon, West Horsley, Wisley and Worplesdon (Guildford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk:—(1) Dapdune, near Guildford; (2) West Clandon; (3) West Horsley; (4) Well in gravel, Chertsey; (5) River Thames, intake at Laleham. The average daily quantity of water derived from each source is, respectively, (1) 121,000 gallons; (2) 208,000 gallons; (3) 73,000 gallons; (4) 311,000 gallons; (5) nil. A further 379,000 gallons per day could be obtained from (1), 92,000 gallons from (2), 77,000 gallons from (3), 697,000 gallons from (4), and 3,000,000 gallons from (5).

*Works.*—Filtration, at (4) only 800 gallons per square yard per day. Storage reservoirs:—Laleham, (a) 1,000,000 gallons, (b) 1,000,000 gallons. Service reservoirs:—Clandon (three), 1,000,000 gallons; Onslow, 30,000 gallons; Newlands, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 709,968 gallons, and occasional supplies in bulk. Supply is constant.

*Quality of Water.*—Excellent—quarterly chemical and bacteriological examination. Hardness:—(1) total, 15·75°; permanent, 2·8°; (2) total, 15·5°; permanent, 5·0°; (3) total, 17·0°; permanent, 7·0°; (4) total, 20°; permanent, 4·5°. No action on lead.

**Wokingham District Water Company, Ltd.**—Supplies Wokingham B. (part); and parts of parishes of Binfield, Easthampstead, Warfield (Easthampstead R.D.); Wokingham Without (Wokingham R.D.).

*Powers.*—Wokingham District Water Orders, 1878 and 1901.

*Limits.*—Wokingham B.; and parishes of Binfield, Easthampstead, Warfield (Easthampstead R.D.); Wokingham Without (Wokingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells, 365 feet, in Chalk, Toutley; (2) Well, 440 feet, in chalk, Finchampstead Road. The average daily quantity of water derived from each source is, respectively, (1) 144,000 gallons; (2) 64,000 gallons; a further 144,000 gallons per day could be obtained from (1), and 8,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—Buckhurst Hill, Wokingham, (a) 100,000 gallons; (b) 100,000 gallons; (c) 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 208,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness:—(1) 16·5°; (2) 6·0°. No action on lead.

**Woodbridge District Water Company.**—Supplies Woodbridge U.D. (part); and part of parish of Melton (Woodbridge R.D.).

*Powers.*—Woodbridge District Water Act, 1900.

*Limits.*—Woodbridge U.D. (part); and part of parish of Melton (Woodbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Crag, 84 feet; (2) Bored well, 274 feet, through London Clay and Reading Beds to Chalk, Bredfield Road, Melton. The average daily quantity of water obtained is 65,000 gallons, and a further 140,000 gallons per day could be obtained.

*Works.*—Pressure filters. Service reservoir:—Tower at Melton, 45,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 65,000 gallons. Supply is constant.

*Quality of Water.*—Monthly chemical and periodical bacteriological examination. Analyst remarks that chemically (4th March 1911) and bacteriologically (23rd September 1910) the water is perfectly satisfactory. Hardness:—(1) total, 15·8°. No action on lead.

**Woodford Halse Water Company, Ltd.**—Supplies part of parish of Woodford cum Membris (Daventry R.D.).

*Powers.*—Woodford Halse Water Order, 1902.

*Limits.*—Parish of Woodford cum Membris (Daventry R.D.).



*Source of Supply (Nature and Sufficiency).*—Well at Woodford Hill, Woodford Halse. The average daily quantity of water available is 10,000 gallons.

*Works.*—No filtration. Reservoirs:—Woodford Hill, (a) 23,000 gallons, (b) 8,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 9,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead; contains some iron.

**Woodhall Spa Gas and Water Company.**—Supplies Woodhall Spa U.D. (part).

*Powers.*—Woodhall Spa (Gas and Water) Act, 1889.

*Limits.*—Woodhall Spa U.D.; and parishes of Kirkstead, Martin, Roughton (Horncastle R.D.).

*Source of Supply (Nature and Sufficiency).*—Moorland stream, intake at Tattershall Thorpe. The average daily quantity of water obtained is 51,000 gallons.

*Works.*—Water is filtered. Reservoir:—Tor O'Moor, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 51,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (30th January 1911) that bacteriologically the water is satisfactory. Hardness and action on lead not known.

**Wrexham and East Denbighshire Water Company.**—Supplies Wrexham B.; and parishes of Dodleston (part), Eaton, Eccleston, Lower Kinnerton, Marlston cum Lache (part), Poulton, Pulford (Chester R.D.); Hope (part), Llanfynydd (part), Marford and Hoseley (part) (Hawarden R.D.); Aldford (part), Buerton, Churton by Aldford (part), Churton Heath, Huntington (part), Lea Newbold (part), Saughton (part) (Tarvin R.D.); Abenbury Fawr (part), Acton, Allington (part), Bersham (part), Borrass Hovah, Borrass Riffre, Broughton (part), Burton (part), Erthig, Esclusham Above (part), Esclusham Below, Eyton (part), Gourton (part), Gresford, Gwersyllt (part), Llay (part), Marchwiell, Royton, Sesswick, and Stansty (Wrexham R.D.).

*Powers.*—Wrexham Waterworks Acts, 1864, 1874, 1880, and 1902; Wrexham Waterworks Order, 1898.

*Limits.*—Wrexham B.; and parishes of Dodleston, Eaton, Eccleston, Lower Kinnerton, Poulton, Pulford (Chester R.D.); Higher Kinnerton, Hope, Llanfynydd, Marford and Hoseley (Hawarden R.D.); Bangor (Overton R.D.); Aldford, Buerton, Churton by Aldford, Churton by Farndon, Churton Heath, Farndon, King's Marsh, Lea Newbold, Saughton (Tarvin R.D.); Abenbury Fawr, Acton, Allington, Bersham, Bieston, Borrass Hovah, Borrass Riffre, Broughton, Burton, Cacca Dutton, Dutton Driffeth, Dutton y Bran, Erbistock, Erilas, Erthig, Esclusham Below, Eyton, Gourton, Gresford, Gwersyllt (part), Holt, Llay, Marchwiell, Pickhill, Ridley, Royton, Sesswick, Stansty, and Sutton (Wrexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two boreholes, 650 feet, in Millstone Grit; (2) Pentrebychan Brook, with gathering ground of 1,500 acres at Pentrebychan Hall, Esclusham Below. The average daily quantity of water derived from each source is, respectively, (1) 170,000 gallons; (2) 610,000 gallons; a further 120,000 gallons per day could be obtained from (1), and 390,000 gallons from (2).

*Works.*—Filtration, 400 gallons per square yard per day. Storage reservoirs:—Packsaddle, Esclusham Below, 2,100,000 gallons; Ty mawr, 130,000,000 gallons; Cae Llwyd, Esclusham Above, 40,000,000 gallons. Service reservoirs:—Gronwen, 692,000 gallons; Talwrn, Esclusham Above, 85,000 gallons; Packsaddle, 520,000 gallons; Marford Hill, 265,000 gallons; Bryn y gaer, Hope, 40,000 gallons; Saughton Tower, 18,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 795,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (27th June 1913) that the water is quite satisfactory. Hardness, 6.9°. No action on lead.

**Yeadon Waterworks Company.**—Supplies Rawdon U.D. (part); Yeadon U.D. (part); and parts of parishes of Esholt and Hawksworth (Wharfedale R.D.).

*Powers.*—Yeadon Waterworks Acts, 1870 and 1889.

*Limits.*—Rawdon U.D.; Yeadon U.D.

*Source of Supply (Nature and Sufficiency).*—Moorland gathering ground, 600 acres. The average daily quantity of water available is 500,000 gallons.

*Works.*—Water is filtered. Reservoirs:—Reva, Hawksworth, 100,000,000 gallons; Yeadon Moor, 4,000,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,000 gallons. Supply is constant.

*Quality of Water.*—Good. Soft; acts on lead and is treated with lime.



**York Waterworks Company.**—Supplies York C.B.; and parishes of Bishopthorpe (part), Dringhouses Without (part), Middlethorpe Without (part) (Bishopthorpe R.D.); Water Fulford (Escrick R.D.); Earswick (part), Heworth Without (part), Huntington (part) (Flaxton R.D.); and Acomb (Great Ouseburn R.D.); and furnishes supplies in bulk to Bishopthorpe R.D.C. and Flaxton R.D.C.

*Powers.*—York New Waterworks Acts, 1846 and 1876; York Waterworks Act, 1895.

*Limits.*—York C.B.; and parishes of Bishopthorpe, Dringhouses Without, Middlethorpe Without (Bishopthorpe R.D.); Heslington, Water Fulford (Escrick R.D.); Clifton Without, Earswick, Heworth Without, Huntington, Osbaldwick, Towthorpe (Flaxton R.D.); and Acomb (Great Ouseburn R.D.).

*Source of Supply (Nature and Sufficiency).*—River Ouse, intake at Acomb landing. The average daily quantity of water obtained is 2,784,000 gallons.

*Works.*—Filtration, 184 gallons per square yard per day and pressure filters. Storage reservoirs:—Severns Hill, near Acomb, 2,000,000 gallons; tower, 300,000 gallons (in course of construction). Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,764,500 gallons, and 19,500 gallons in bulk. Supply is constant.

*Quality of Water.*—Daily chemical and bacteriological examination. Analyst remarks (December 1913) that the water is pure. Hardness:—total, 11.4°; permanent, 6.6°. No action on lead.



## SECTION IV.—COMPANIES WITHOUT SPECIFIC POWERS.

**Addingham Waterworks Company.**—See Bradford T.C. (page 22).

**All Stretton Waterworks Company, Ltd.**—Supplies part of parish of All Stretton (Church Stretton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland spring on Longmynd Range. The average daily quantity of water available is 8,000 gallons.

*Works.*—Water is filtered. Reservoir at All Stretton, 400,000 gallons. Pressure is sufficient.

*Quantity of Water Supplied.*—Adequate.

*Quality of Water.*—Good. Hardness under 4°. No action on lead.

**Avon Dassett Water Company.**—Supplies part of parish of Avon Dassett (Farnborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Avon Dassett. Yield not known.

*Works.*—No filtration. Reservoir:—Tank at Avon Dassett, 5,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead; contains some iron.

**Berrow Water Company.**—See Burnham U.D.C. (page 29).

**Bloxham and District Water Company, Ltd.**—Supplies parts of parishes of Bloxham, Bodicote, East Adderbury, Milton, and West Adderbury (Banbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Marlstone near Cumberford, Bloxham. The average daily quantity of water obtained is 4,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Hobb Hill, Bloxham, 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (May 1912) that the water is of satisfactory organic and bacterial purity. Hardness:—total, 18·7°; permanent, 2·8°. No action on lead.

**Bourne Waterworks Company, Ltd.**—Supplies Bourne U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Artesian wells at Bourne. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Bradley Waterworks Company, Ltd.**—Supplies part of parish of Bradleys Both (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland spring from grit, Bradleys Both. The average daily quantity of water obtained is 11,520 gallons.

*Works.*—No filtration. Reservoir:—Bradleys Both, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness:—total, 2°; permanent, 2°. No action on lead.

**Burford Waterworks Company, Ltd.**—Supplies parts of parishes of Burford, Upton and Signet (Witney R.D.).

*Sources of Supply (Nature and Sufficiency).*—Tadpole spring near Burford. The average daily quantity of water obtained is 40,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Tanners Lane, Upton, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (3rd June 1911) that chemically the water is quite suitable. Hardness:—total, 18·5°; permanent, nil. No action on lead.

**Burniston Water Company, Ltd.**—Supplies parts of parishes of Burniston and Cloughton (Scarborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at stone quarries, Cloughton. Yield not known.



*Works.*—No filtration. Service reservoir:—Cloughton, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (12th November 1912) that the water is remarkably free from organic contamination. Hardness not known. No action on lead.

**Burton in Lonsdale Waterworks Company, Ltd.**—Supplies part of parish of Burton in Lonsdale (Settle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, Stainderber Farm. Yield not known.

*Works.*—No filtration. Service reservoirs near Burton in Lonsdale, (a) 11,000 gallons, (b) 11,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Fair.

*Quality of Water.*—Good. Rather hard, and no action on lead.

**Callington Waterworks Company, Ltd.**—Supplies Callington U.D. (part); and part of parish of Stoke Climsland (Launceston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from granite, Kit Hill,  $1\frac{1}{2}$  miles from Callington. The average daily quantity of water obtained is 16,000 gallons, and a further 34,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoirs:—Callington, (a) 50,000 gallons, (b) 50,000 gallons, (c) 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 16,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (7th February 1914) that this is an exceedingly pure water. Hardness,  $3\cdot5^{\circ}$ . No action on lead.

**Carleton Waterworks Company, Ltd.**—Supplies part of parish of Carleton (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs on Carleton Moor; yield not known; (2) Occasional supply in bulk from Skipton U.D.C. (see page 131).

*Works.*—No filtration. Service reservoir:—Carleton, 439,835 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (24th December 1913) that this is a water of the very highest organic purity. Hardness,  $4\cdot6^{\circ}$ . No action on lead.

**Castle Cary Water Company, Ltd.**—Supplies parts of parishes of Ansford, Castle Cary, North Cadbury, Pitcombe, and Yarlinton (Wincanton R.D.); and furnishes a supply in bulk to Wincanton R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Well in Midford Sand, Lodge Hill, Castle Cary. The average daily quantity of water obtained is 20,000 gallons, and a further 80,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Lodge Hill, Castle Cary, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 18,800 gallons and 1,200 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total,  $18^{\circ}$ ; permanent,  $6^{\circ}$ . No action on lead.

**Castleton (Derbyshire) Waterworks Company, Ltd.**—Supplies part of parish of Castleton (Chapel en le Frith R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Torrdale Rocks. The average daily quantity of water obtained is 20,000 gallons.

*Works.*—No filtration. Storage reservoir:—Castleton, 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (28th October 1912) that the water is satisfactory. Soft, but no action on lead.

**Charlbury Waterworks Company, Ltd.**—Supplies part of parish of Charlbury (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Great Oolite at Charlbury. Yield not known.

*Works.*—No filtration. Service reservoir:—Charlbury, 45,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 9,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known.



**Cheadle (Staffs.) Waterworks Company, Ltd.**—Supplies part of parish of Cheadle (Cheadle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in sandstone, Monkhouse, Cheadle. The average daily quantity of water obtained is 86,081 gallons, but the supply is unlimited.

*Works.*—No filtration. Reservoir:—Monkhouse, Cheadle, 135,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 86,081 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total, 12·4°; permanent, 12·2°. No action on lead.

**Chideock Waterworks Company, Ltd.**—Supplies part of parish of Chideock (Bridport R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from flint gravel and Greensand, about one mile from Chideock. The average daily quantity of water obtained is 3,000 gallons, and a further 3,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Chideock, 12,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (22nd July 1913) that the water is satisfactory. Soft, but galvanised iron pipes used. The water contains a trace of iron.

**Chirk Water Company, Ltd.**—Supplies part of parish of Chirk (Chirk R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, near New Hall Farm, Chirk. The average daily quantity of water available is 130,000 gallons.

*Works.*—No filtration. Reservoir:—New Hall, Chirk, 388,800 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 86,400 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (2nd February 1914) that the water is good. Hardness:—total, 8·58°; permanent, 3·7°. No action on lead.

**Cloughton Water Company, Ltd.**—Supplies part of parish of Cloughton (Scarborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock (1) Widd Land, Cloughton; (2) Newlands, Cloughton; (3) Cloughton. The average daily quantity of water available from each source is, respectively, (1) 5,000 gallons; (2) 4,500 gallons; (3) 4,000 gallons.

*Works.*—No filtration. Reservoirs:—Newlands, 20,000 gallons; Tea Well, Cloughton, 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 4·7°. No action on lead.

**Colne Water Estate Company, Ltd.**—Supplies Colne B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs in Colne and Trawden. Yield not known.

*Works.*—Water is filtered. Reservoirs:—Three at Colne, capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness not known. No action on lead.

**Combe Down (Bath) and General Waterworks Company, Ltd.**—Supplies Bath B. (part); and parts of parishes of Claverton, English Combe, Freshford, Hinton Charterhouse, Monkton Combe, South Stoke (Bath R.D.), Limpley Stoke, and Winsley (Bradford on Avon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Tucking Mill, Monkton Combe. The average daily quantity of water available is 180,000 gallons.

*Works.*—No filtration. Service reservoirs:—Hampton Down, Bathampton, 100,000 gallons; Combe Down, 40,000 gallons; Tucking Mill, 120,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 118,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical examination. Analyst remarks (22nd August 1913) that the water is of great organic purity. Hardness, 23°. No action on lead.

**Cononley Water Company, Ltd.**—Supplies part of parish of Cononley (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surface, 10 acres, at Cononley. Yield not known.



*Works.*—Part of the water is filtered. Storage reservoir:—Gibside, Cononley, 260,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness not known. No action on lead; contains some iron.

**Cononley Club Row Water Company, Ltd.**—Supplies part of parish of Cononley (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Cononley. Yield not known.

*Works.*—No filtration. Reservoir:—Tank at Cononley, 3,842 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Soft, but no action on lead.

**Corwen Water Company, Ltd.**—Supplies part of parish of Corwen (Edeirnion R.D.).

*Sources of Supply (Nature and Sufficiency).*—Nant Cawrddu stream and springs on Berwyn Mountain. The average daily quantity of water available is 150,000 gallons.

*Works.*—No filtration. Service reservoirs:—Berwyn Mountain, (a) 130,000 gallons, (b) 60,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Very soft, but no action on lead.

**Cottingley Waterworks Company, Ltd.**—Supplies Bingley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from Coal Measures, Enoch Holmes Farm, Cottingley. The average daily quantity of water available is 3,700 gallons.

*Works.*—Water is filtered. Storage reservoir:—Moor Road, 350,000 gallons. Service reservoir:—Cuppy Side, Cottingley, 450,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 12°. No action on lead; contains some iron, calcium, and magnesium.

**Cowling Water Company, Ltd.**—Supplies part of parish of Cowling (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone, Cowling. The average daily quantity of water available is 37,000 gallons.

*Works.*—No filtration. Storage reservoir:—Cowling, 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 23,750 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 6.5°. Acts very slightly on lead, but lead pipes are used only for short services. Saline.

**Crewkerne Water Supply Company, Ltd.**—Supplies Crewkerne U.D. (part); and part of parish of Misterton (Chard R.D.); and furnishes a supply in bulk to Chard R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs at Wayford. The average daily quantity of water available is 102,270 gallons.

*Works.*—Water is filtered. Storage reservoir:—Maiden Beech, Crewkerne, 140,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons and 2,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 19°. No action on lead.

**Crosshills Water Company, Ltd.**—Supplies part of parish of Glusburn (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone: (1) Royd House Farm, Crosshills; (2) Great Gibb Farm, Royd House, Crosshills; (3) Gibbsey Farm, Cononley; (4) Malsis Estate, Sutton. The average daily quantity of water available from each source is, respectively, (1) 16,500 gallons, (2) 20,500 gallons, (3) 10,000 gallons, (4) 12,200 gallons.

*Works.*—No filtration. Reservoirs:—Royd House Farm, (a) 547,053 gallons, (b) 526,114 gallons; Baxter Wood, Crosshills, 926,589 gallons; Malsis Estate, 745,400 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 28,500 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (21st March 1911) that chemically the water is excellent. Hardness, 2.1°. No action on lead.

**Dolgelley Waterworks Company, Ltd.**—Supplies Dolgelley U.D.; and part of parish of Brithdir and Islaw'r dref (Dolgelley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Llyncynwch Lake, in Llanfachreth, about 2 miles from Dolgelley. Yield not known.



*Works.*—No filtration. Service reservoir:—Llanfachreth, 65,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (24th March 1911) that chemically the water is very good. Hardness:—total, 1°; permanent, 0·3°. No action on lead.

**Draughton Water Company.**—Supplies part of parish of Draughton (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Draughton. Yield not known.

*Works.*—No filtration. Reservoir, at Draughton, 2,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Earby Water Company, Ltd.**—Supplies Earby U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs near Earby. Yield not known.

*Works.*—No filtration. Storage reservoir:—Coolham Farm, 3,000,000 gallons. Service reservoirs:—Banks Field, (a) 5,000 gallons, (b) 65,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (30th November 1910) that chemically the water is excellent. Hardness, 5·5°. No action on lead.

**East Coast Water Company** (in liquidation). See North East Lincolnshire Water Company (page 205).

**Embsay Waterworks Company, Ltd.**—Supplies part of parish of Embsay with Eastby (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Embsay. Yield not known.

*Works.*—Water is filtered. Service reservoir:—Tank near Embsay, 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 12°. No action on lead; contains a trace of iron.

**Farnhill Water Company, Ltd.**—Supplies part of parish of Farnhill (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone: (1) Farnhill High Moor; (2) Farnhill Low Moor. The average daily quantity of water available from each source is, respectively, (1) 9,504 gallons, (2) 2,520 gallons (emergency supply).

*Works.*—No filtration. Reservoirs:—High Moor, 80,000 gallons; Low Moor, 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (18th June 1912), that chemically the water is pure. Hardness:—(1) 2°; (2) 2·5°. The water acts on lead, but is not treated.

**Fenny Compton Water Company, Ltd.**—Supplies part of parish of Fenny Compton (Southam R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs half a mile from Fenny Compton. Yield not known.

*Works.*—No filtration. Service reservoir:—Tank near Fenny Compton, 7,590 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory. Hardness not known. No action on lead; contains some iron.

**Glyn Water Supply.**—Supplies parts of parishes of Glyn Traian and Llansaintffraid Glyn Ceiriog (Chirk R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland surface of some square miles near Nantyr. Yield not known.

*Works.*—Water is filtered. Service reservoir, near Wynne Quarry, 6,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Soft, but no action on lead.

**Grassington Waterworks Company, Ltd.**—Supplies part of parish of Grassington (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from grit and shale, and (2) borehole (auxiliary supply) at Edge Lane, Grassington. The average daily



quantity of water derived from (1) is 10,000 gallons; a further 12,000 gallons per day could be obtained from (1) and 13,000 gallons from (2).

*Works.*—Water is filtered. Service reservoir:—Low Edge Pasture, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Soft, but no action on lead.

**Guiseley Waterworks Company, Ltd.**—Supplies Guiseley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs and wells in sandstone, Guiseley Moor. Yield not known.

*Works.*—Water is filtered. Service reservoir:—Moor Lane, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, 6°. No action on lead.

**Haswell and Shotton Water Company, Ltd.**—Supplies part of parish of Haswell (Easington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in limestone, Haswell. The average daily quantity of water obtained is 40,000 gallons, and a further 30,000 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—High Haswell, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Very hard, and no action on lead. Water contains some lime.

**Hatfield Broad Oak Water Company, Ltd.**—See Herts' and Essex Waterworks Company, Ltd. (page 197).

**Hetton le Hole and Easington Lane Water Company, Ltd.**—Supplies Hetton U.D.; parishes of Pitlington (part) (Durham R.D.), Great Eppleton (part), Little Eppleton and Warden Law (part) (Houghton le Spring R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 150 feet, in limestone at Eppleton Colliery. The average daily quantity of water obtained is 170,000 gallons and a further 273,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Eppleton, 460,000 gallons; Easington Lane, 270,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 170,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th July 1913) that the water is suitable for drinking. Hard, and no action on lead.

**Heytesbury Water Company, Ltd.**—Supplies part of parish of Heytesbury (Warminster R.D.); and furnishes a supply in bulk to Mrs. Thomas Stanford, who supplies part of parish of Norton Bavant (Warminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk: (1) Tytherington in Heytesbury; (2) West Hill, Heytesbury; (3) Bowlesbro Knoll, Heytesbury. The average daily quantity of water derived from (1) is 3,500 gallons, and from (2) and (3) together 20,000 gallons.

*Works.*—No filtration. Reservoirs:—Bowlesbro Knoll, 80,000 gallons; Tytherington, (a) 40,000 gallons, (b) 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,200 gallons and 3,300 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 11·5°. No action on lead.

**Hill Brow Waterworks Company, Ltd.**—Supplies part of parish of Liss (Petersfield R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Hill Brow, Liss. The average daily quantity of water obtained is 3,000 gallons, and a further 500 gallons per day could be obtained.

*Works.*—No filtration. Service reservoir:—Tower at Hill Brow, 6,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is intermittent.

*Quality of Water.*—Excellent. Hardness not known. Acts on lead, but lead pipes are not used. Water contains a trace of iron.

**Hill Side Water Supply Company, Ltd.**—Supplies Rothbury U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone and gravel, at Rothbury. Yield not known.



*Works.*—No filtration. Reservoir at Rothbury, 22,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Soft, but no action on lead.

**Holford Water Supply.**—Supplies parish of Holford (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Hodders Combe, Holford. Yield not known.

*Works.*—No filtration. Service reservoir:—Holford, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Very soft, but no action on lead.

**Hurtwood Water Company, Ltd.**—Supplies parts of parishes of Abinger (Dorking R.D.), Shere (Guildford R.D.), and Ewhurst (Hambledon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells at Netley, Gounshall. The average daily quantity of water obtained is 15,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Storage reservoirs:—Holmbury Hill, Hurtwood Common, (a) 100,000 gallons, (b) 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional examination. Analyst remarks (3rd October 1912) that the water is eminently satisfactory. Hardness:—total, 12°; permanent, 4·5°. No action on lead.

**Kelbrook Water Company, Ltd.**—Supplies Earby U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, Harden, Kelbrook. Yield not known.

*Works.*—No filtration. Reservoir:—Harden, 160,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness, 2·8°. No action on lead.

**Kington Water Company, Ltd.**—Supplies Kington U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring, Rhw Hill, Crooked Well, Kington. The average daily quantity of water obtained is 144,000 gallons.

*Works.*—No filtration. Storage reservoirs:—The Wych, Kington, (a) 39,000 gallons, (b) 31,000 gallons; Tanks, Castle Hill, (a) 1,750 gallons, (b) 1,293 gallons, (c) 875 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—The daily average is 144,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 6·7°; permanent, 6·0°. No action on lead; contains some iron and lime.

**Laycock Water Company.**—Supplies Oakworth U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Well, 41 feet, at Laycock. The average daily quantity of water obtained is 1,000 gallons.

*Works.*—No filtration. Storage reservoir:—Tank, at Laycock, 7,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (21st July 1913) that this is a very pure water. Hardness, 8°. No action on lead.

**Lee on the Solent Waterworks Company, Ltd.**—Supplies part of parish of Crofton (Fareham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 24 feet, fed by a spring at Lee on the Solent. Yield not known.

*Works.*—No filtration. Service reservoir:—Lee on the Solent, 15,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Moderately hard. No action on lead; contains some iron.

**Linton Waterworks Company, Ltd.**—Supplies part of parish of Linton (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from Millstone Grit, at Linton. Yield not known.

*Works.*—Water is filtered. Storage reservoir at Forelands Meadow, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness, 2·6°. No action on lead.



**Llanbedr Water Company, Ltd.**—Supplies parts of parishes of Llanbedr, Llanfair (Deudraeth R.D.), and Llanenddwyn (Dolgelley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from slate above Llanbedr. Yield not known.

*Works.*—No filtration. Service reservoir at Llanbedr, 16,875 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent. Hardness, 1·5°. No action on lead.

**Long Preston Water Company.**—Supplies part of parish of Long Preston (Settle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on high moorland at Long Preston. Yield not known.

*Works.*—No filtration. Reservoir at Long Preston, 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total, 12°; permanent, 5·8°. No action on lead.

**Lutterworth Freehold Land, Building, and Waterworks Company, Ltd.** (in liquidation).—Supplies part of parish of Lutterworth (Lutterworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in drift gravel, Bitteswell Road, Lutterworth. The average daily quantity of water available is 24,500 gallons.

*Works.*—No filtration. Service reservoir, Tower at Bitteswell Road, Lutterworth, 31,500 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 22,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (5th January 1914) that the water should be analysed from time to time. Hardness:—total, 20°; permanent 13·5°. No action on lead.

**Lynton Water Company.**—Works leased by Lynton U.D.C. (see page 86).

**Mellor Water Company, Ltd.**—Supplies part of parish of Mellor (Blackburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring on Mellor Moor. The average daily quantity of water obtained is 5,000 gallons.

*Works.*—No filtration. Storage reservoir:—Mellor Moor, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Good. Moderate hardness. No action on lead.

**Mitcheldean Waterworks Company, Ltd.**—Supplies parts of parishes of Abinghall and Mitcheldean (East Dean and United Parishes R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from limestone, Skully Grove, Mitcheldean. The average daily quantity of water available is 15,500 gallons.

*Works.*—No filtration. Reservoir:—Stenders, Mitcheldean, 11,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 12,000 gallons. Supply is intermittent.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Morton Water Company.**—Supplies part of parish of Morton (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs: (1) Moorlands Farm, Morton; (2) Manor Heath, Morton. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Green End, Morton (a) 6,900 gallons, (b) 8,200 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (19th March 1913) that this is an organically pure water. Hardness, 8°. Action on lead not known.

**New Cottenham Gas and Water Company, Ltd.**—Supplies parts of parishes of Cottenham and Rampton (Chesterton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 41 feet, in Lower Greensand, 1½ miles from Cottenham. The average daily quantity of water obtained is 15,000 gallons, and a further 75,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Cottenham, 22,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Very good and soft.



**Ogmore Gas and Water Company, Ltd.**—Supplies Ogmore and Garw U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Mountain springs and streams on Nantymoel Farm in Llangeinor and Llandyfodwg. Yield not known.

*Works.*—Water is filtered. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent. Soft, but no action on lead.

**Papcastle Waterworks Company.**—See Workington T.C. (page 160).

**Presteigne Water Company, Ltd.**—Supplies Presteigne U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from limestone, St. Mary's Mill, Presteigne. Yield not known, but the supply is unlimited.

*Works.*—Water is filtered. Storage reservoir:—Warden, Presteigne, 55,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Unlimited.

*Quality of Water.*—Good. Hardness, 14°. No action on lead.

**Priors Hardwick Water Company, Ltd.**—Supplies part of parish of Priors Hardwick (Southam R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Hardwick Hill. Yield not known.

*Works.*—No filtration. Service reservoirs:—Two tanks at Hardwick Hill, capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hard, and no action on lead.

**Priors Marston Water Company, Ltd.**—Supplies part of parish of Priors Marston (Southam R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Priors Marston Hill. Yield not known.

*Works.*—No filtration. Reservoirs:—Three tanks at Priors Marston Hill, capacities not known. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Pwllmeyric Water Company, Ltd.**—See Chepstow Water Company (page 183).

**Rothbury Waterworks Company, Ltd.**—Supplies Rothbury U.D. (part), and parish of Whitton (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone, Simonside Hills, 2½ miles from Rothbury. The average daily quantity of water available is 140,000 gallons.

*Works.*—No filtration. Reservoir:—Whitton, Rothbury, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Excellent. Hardness not known. No action on lead.

**Salterforth Water Company, Ltd.**—Supplies part of parish of Salterforth (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Old Red Sandstone, near Salterforth. The average daily quantity of water available is 5,000 gallons.

*Works.*—No filtration. Storage reservoir:—Tank near Salterforth, 2,700 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 2,600 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 2·4°. Action on lead not known.

**Shelf Waterworks Company, Ltd.**—See Bradford T.C. (page 22).

**Sheppey Water and Lighting Company, Ltd.**—Supplies part of parish of Minster in Sheppey (Sheppey R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole, Abbey Waterworks, Minster. The average daily quantity of water obtained is 15,000 gallons, and a further 75,000 gallons per day could be obtained.



*Works.*—No filtration. Service reservoirs:—Abbey Waterworks, (a) 25,000 gallons, (b) 50,000 gallons (under construction), (c) 40,000 gallons (under construction). Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (10th January 1912) that chemically the water is exceedingly pure. Hardness:—4·5° No action on lead. Slightly alkaline.

**Slindon Waterworks Company, Ltd.**—Supplies part of parish of Slindon (Westhampnett R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole, The Folly, Slindon. Yield not known.

*Works.*—No filtration. Storage reservoir:—The Folly, Slindon, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent. Moderate hardness. No action on lead.

**South Cliff Waterworks Company, Ltd.**—Supplies part of parish of Newholm with Dunsley (Whitby R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Artesian well, 200 feet, and (2) spring; both at East Row, Sandsend, near Whitby. The average daily quantity of water available is 7,000 gallons.

*Works.*—Water from (1) only is filtered. Reservoir:—East Row, Sandsend, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,000 gallons in winter, and 5,000 gallons in summer. Supply is constant.

*Quality of Water.*—Good—occasional examination. Medium hardness. No action on lead.

**Southerndown Water Company, Ltd.**—See Bridgend (Glamorganshire) Gas and Water Company (page 179).

**Stansted Water Company, Ltd.**—Supplies parts of parishes of Birchanger, Stansted Mountfitchet, and Ugley (Stansted R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well and borehole in Chalk; (2) Borehole in Chalk; all at Chapel Hill, Stansted. The average daily quantity of water obtained is 40,000 gallons, but the supply is unlimited.

*Works.*—No filtration. Service reservoir:—Bentfield End, 70,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Stocksfield Water Company.**—Supplies part of parish of Broomley (Hexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Broomley Farm. The average daily quantity of water available is 6,000 gallons.

*Works.*—Filtration, 750 gallons per square yard per day. Reservoirs:—Tanks at Broomley, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,040 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (11th March 1914) that after filtration the water is good and suitable for domestic use. Hardness:—total, 9·25°; permanent, 5·75°. No action on lead.

**Sutton in Craven Water Company, Ltd.**—Supplies part of parish of Sutton (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, Stubbing Hill Farm, Sutton:—(1) Eller Raw Pasture; (2) Wicking Hole and Intake; (3) Crag Farm, Sutton; (4) Cranberry Hole Farm, Sutton. The average daily quantity of water available from each source is, respectively, (1) 11,000 gallons; (2) 11,100 gallons; (3) 11,000 gallons; (4) 10,800 gallons.

*Works.*—No filtration. Reservoir:—Lane Top, Sutton, 258,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (January 1910) that chemically the water is excellent. Hardness, 3·5°. No action on lead.



**Sutton Mill Water Company.**—Supplies part of parish of Sutton (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from grit, Sutton in Craven. The average daily quantity of water obtained is 6,900 gallons.

*Works.*—Water is filtered. Service reservoir:—Sutton Mill, 20,515 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 3·8°. No action on lead.

**Tidenham Waterworks Company, Ltd.**—Supplies part of parish of Tidenham (Lydney R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Carboniferous Limestone, Tidenham Chase; (2) Ban y gor spring from Carboniferous Limestone. The average daily quantity of water derived from (1) (in winter only) is 10,000 gallons, and from (2) 18,000 gallons in summer only.

*Works.*—No filtration. Service reservoir:—Ban y gor, 53,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 14,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (17th November 1913) that bacteriologically the water is satisfactory. Hardness:—(1) 11·5°; (2) total 7°, permanent 5·7°. No action on lead.

**Tintwistle Waterworks Company (1911), Ltd.**—Supplies part of parish of Tintwistle (Tintwistle R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Robinson Moss; (2) Spring at Tintwistle Knar. The average daily quantity of water derived from each source is, respectively, (1) 24,000 gallons; (2) 12,000 gallons.

*Works.*—Water is filtered. Storage reservoir:—Tintwistle Moor, 100,000 gallons. Service reservoir:—Tintwistle Moor, 200,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 36,000 gallons. Supply is constant.

*Quality of Water.*—Very good. Soft, but no action on lead.

**Topsham and District Water Company, Ltd.**—Supplies part of parish of Topsham (St. Thomas R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian well, Bridge or Sun Hill, Topsham. The average daily quantity of water obtained is 16,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (24th May 1912) that the water is of the highest available purity. Hardness:—total, 7·9°; permanent, 2·1°. No action on lead.

**Tweedmouth Waterworks Company, Ltd.**—Supplies Berwick upon Tweed B. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone, Well Road, Tweedmouth. The average daily quantity of water obtained is 24,000 gallons, and a further 25,500 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Well Road, Tweedmouth (a) 18,880 gallons, (b) 5,600 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 24,000 gallons. Supply is constant.

*Quality of Water.*—Good. Moderately soft, but no action on lead.

**Watchet Waterworks Company, Ltd.**—Supplies Watchet U.D.; and part of parish of Old Cleeve (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Brendon Hill. The average daily quantity of water obtained is 25,000 gallons, but the supply is unlimited.

*Works.*—Water is filtered. Reservoir:—St. Decuman's, Watchet, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.

*Quality of Water.*—Good. Soft, but no action on lead.

**Whitfield Wells Water Company.**—Supplies Glossop B. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from rock, Whitfield Cross, Glossop. Yield not known.



*Works.*—No filtration. Service reservoir:—Tank at Whitfield Cross, 3,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Whitstable Water Company, Ltd.**—Supplies Whitstable U.D. (part); and part of parish of Whitstable cum Seasalter (Blean R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Chalk at Whitstable. The average daily quantity of water obtained is 170,000 gallons, and a further 20,000 gallons per day could be obtained in winter.

*Works.*—No filtration. Reservoirs:—Two at Bostal Hill, Whitstable, 180,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 170,000 gallons. Supply is constant.

*Quality of Water.*—Quarterly chemical examination. Analyst remarks (24th December 1913) that the water is organically pure. Hardness:—total, 21°; permanent, 11°. No action on lead.

**Willingham Water and General Supply Company, Ltd.**—Supplies part of parish of Willingham (Chesterton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well at Willingham. The average daily quantity of water available is 70,000 gallons.

*Works.*—No filtration. Reservoir:—Willingham, 13,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory. Hardness not known. No action on lead.

**Wingate and District Water Company, Ltd.**—Supplies parts of parishes of Castle Eden and Wingate (Easington R.D.); and furnishes supplies in bulk to Easington R.D.C., and Messrs. J. Nimmo and Sons, Limited, who supply part of parish of Castle Eden (Easington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 580 feet, in Magnesian Limestone at Wingate. The average daily quantity of water obtained is 60,000 gallons, but the supply is unlimited.

*Works.*—No filtration. Reservoir:—Pickering Hill, Wingate, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 33,500 gallons, and 26,500 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness:—total, 10°; permanent 8°. No action on lead; contains some lime and magnesia.



## SECTION V.—PRIVATE PROPRIETORS.

*Note.*—In the case of Private Proprietors marked with an asterisk \* no returns were received, and such particulars as are given have been obtained from other sources.

## BEDFORDSHIRE.

**Capt. Trevor Battye.**—Supplies parish of Tingrith (Amphill R.D.).

*Sources of Supply (Nature and Sufficiency).*—Four wells and spring, in Tingrith. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Duke of Bedford.**—Furnishes a supply in bulk to Amphill R.D.C.

*Source of Supply (Nature and Sufficiency).*—Spring from sand at Jackdaw Hill, Lidlinton. Yield not known.

*Works.*—No filtration. Reservoir at Jackdaw Hill, 5,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Generally ample.

*Quality of Water.*—Good.

**Capt. T. C. R. Higgins.**—Supplies part of parish of Turvey (Bedford R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in limestone under clay, near Turvey. The average daily quantity of water obtained is 10,000 gallons, but the supply is unlimited.

*Works.*—No filtration. Reservoir at Crown Farm, Turvey, 25,000 gallons.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**S. Whitbread, Esq.**—Supplies part of parish of Knotting (Bedford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Field drains in grass land, 15 acres, over Oxford Clay, Knotting Village; (2) field drains in grass and arable land, 40 acres, over Oxford Clay, Knotting Green. Yield not known.

*Works.*—Water is filtered. Reservoirs:—Knotting Village, (a) 132,075 gallons, (b) tank, 3,250 gallons; Knotting Green, (a) 132,075 gallons, (b) tank, 3,250 gallons.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Fair.

**C. T. Wingfield, Esq.**—Supplies part of parish of Bromham (Bedford R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Goral Oolite Limestone, in Bromham Village. The average daily quantity of water obtained is 1,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Fair.

## BERKSHIRE.

**Earl of Abingdon.**—Supplies part of parish of Wytham (Abingdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from sand, near Wytham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Broadmoor Asylum Estate.**—Supplies part of parish of Crowthorne (Easthampstead R.D.).

*Sources of Supply (Nature and Sufficiency).*—Surface water with a few springs, near Crowthorne. Yield not known.

*Works.*—Water is filtered. Reservoirs, near Crowthorne, (a) 3,300,000 gallons, (b) 1,200,000 gallons, (c) 700,000 gallons.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Good.



**Edgar Norton Disney, Esq.**<sup>†</sup>—Supplies part of parish of Sunningwell (Abingdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Foxcombe Hill. Yield not known.

*Works.*—No filtration. Reservoir at Foxcombe Hill (underground), capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Trustees of the late Gen. A. Cherry Garrard.**—Supply parish of Little Wittenham (Wallingford R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk, Wittenham Hill. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very pure.

**Great Western Railway Company.**—Furnishes a supply in bulk to Wallingford R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well, 63 feet, through Greensand to Kimeridge Clay, at Appleford. The average daily quantity of water obtained is 60,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 16,874 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 14·7°. No action on lead.

**Rt. Hon. Lewis Harcourt, M.P.**—Supplies part of parish of North Hinksey (Abingdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Old conduit (formerly supplying part of Oxford), from springs in Portland Beds formation at North Hinksey; (2) Springs. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Sir A. Henderson, Bart.**—Supplies part of parish of Buscot (Faringdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Oxford Clay, Buscot. Yield not known.

*Works.*—No filtration. Reservoir at Buscot, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Major Henderson.**—Supplies part of parish of Shellingford (Faringdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Coral Rag, Shellingford. The average daily quantity of water available is 7,500 gallons.

*Works.*—No filtration. Reservoir at Shellingford, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard.

**Capt. H. E. A. Lindsay.**—Supplies part of parish of Sutton Courtenay (Abingdon R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well, 160 feet, at Sutton Courtenay. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**W. A. Mount, Esq.**—Supplies part of parish of Chieveley (Newbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, at Oare. Yield not known.

*Works.*—No filtration. Reservoir at Chieveley, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**A. W. Mayo-Robson, Esq.**—Supplies part of parish of Moulsoford (Wallingford R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well (100 feet) in Greensand, at Moulsoford. Yield not known.

*Works.*—No filtration. Reservoir at Moulsoford, 24,000 gallons.

*Quantity of Water supplied.*—The daily average is 14,000 gallons. Supply is constant.

*Quality of Water.*—Pure.

<sup>†</sup> This undertaking will shortly be transferred to Abingdon R.D.C.



**Royal Military College, Camberley.**—Supplies part of parish of Sandhurst (Easthampstead R.D.).

*Source of Supply (Nature and Sufficiency).*—Wish stream, intake at Sandhurst. Yield not known.

*Works.*—No filtration. Reservoir at Sandhurst, 100,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Mrs. Armand Ruffer and R. Furner, Esq.**—Supply part of parish of Wootton (Abingdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring and well near Wootton. Yield not known.

*Works.*—No filtration. Reservoir:—Tank at Wootton, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**St. John's College, Oxford.**—Supplies part of parish of Fyfield (Abingdon R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 28 feet, in Oolitic rock, at Fyfield. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Sir Richard V. Sutton, Bart.**—Supplies part of parish of Speen (Newbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, at Benham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**Lady Wantage.**—Supplies part of parish of West Challow (Wantage R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from clay in the Downs, near West Challow. Yield not known.

*Works.*—No filtration. Reservoir at Bridge Farm, 5,000 gallons.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Good.

**The Commissioners of H.M. Woods, etc.**—Supply part of parish of Old Windsor (Windsor R.D.); and part of Egham U.D. (Surrey).

*Sources of Supply (Nature and Sufficiency).*—Two wells, 25 feet, in gravel bed adjoining River Thames, at Old Windsor Lock. The average daily quantity of water obtained is 70,000 gallons, and an unlimited supply could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 70,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Woolhampton Parish Council.**—Supplies parts of parishes of Midgham and Woolhampton (Newbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well at Woolhampton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

## BUCKINGHAMSHIRE.

**Lieut.-Col. W. G. Bowyer.**—Supplies part of parish of Weston Underwood (Newport Pagnell R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone overlying Upper Lias clay, at Weston Underwood. The average daily quantity of water obtained is 2,250 gallons, and a further 8,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Weston Underwood, 30,000 gallons; tank, 2,400 gallons.

*Quantity of Water supplied.*—The daily average is 2,250 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.



**Trustees of Dr. Busby's Charity.**—Supply part of parish of Willen (Newport Pagnell R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from limestone, half a mile from Willen. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Cheddington Waterworks Trustees.**—Supply part of parish of Cheddington (Wing R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in Lower Greensand at Cheddington. The average daily quantity of water obtained is 5,000 gallons, and a further 6,000 gallons per day could be obtained.  
*Works.*—No filtration. Storage reservoir:—Cheddington, 40,000 gallons. Pressure is sufficient.  
*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.  
*Quality of Water.*—Good and moderately hard. No action on lead; contains a trace of iron.

**Major J. B. Delap.**—Supplies part of parish of Lillingstone Lovell (Buckingham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from rock, at Lillingstone Lovell. The average daily quantity of water obtained is 8,640 gallons.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—The daily average is 8,640 gallons. Supply is constant.  
*Quality of Water.*—Good.

**Lord Desborough.**—Supplies part of parish of Taplow (Eton R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Chalk hills near Taplow. Yield not known.  
*Works.*—No filtration. Reservoirs:—Two tanks near Taplow, capacity not known.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**Ewelme Almshouses Trustees.**—Supply part of parish of Marsh Gibbon (Buckingham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Oxford Clay in "Stump Well Ground," near Marsh Gibbon. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good.

**J. M. Knapp, Esq.**—Supplies parish of Little Linford (Newport Pagnell R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in Greensand at Little Linford. The average daily quantity of water available is 1,000 gallons.  
*Works.*—No filtration. Reservoir:—Tank at Little Linford, 700 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Occasional chemical examination. Analyst remarks (20th July 1912) that the water is of satisfactory quality. Hardness:—total, 30°; permanent, 13°.

**London and North Western Railway Company.**—Supplies parts of parishes of Bradwell (Newport Pagnell R.D.), and Wolverton (Stratford and Wolverton R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Well and springs in Oolite formation, near Blue Bridge, Wolverton; (2) Two borings, 600 yards from Blue Bridge, Wolverton. The average daily quantity of water derived from (1) is 176,000 gallons, and an auxiliary supply of 160,000 gallons per day could be obtained from (2).  
*Works.*—No filtration. Reservoirs:—Tanks, Green Lane, 55,000 gallons, and Osborn Street, Wolverton, 61,000 gallons. Pressure is sufficient.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Periodical chemical and occasional bacteriological examination. Well water good, but spring water doubtful. Hardness, 35·7°. No action on lead.

**J. P. Heywood-Lonsdale, Esq.**—Supplies parish of Poundon (Buckingham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in Oxford Clay on Poundon Hill. The average daily quantity of water obtained is 9,000 gallons, and a further 20,000 gallons per day could be obtained.  
*Works.*—No filtration. Reservoirs, Poundon Hill, (a) 15,000 gallons, (b) 15,000 gallons.  
*Quantity of Water supplied.*—The daily average is 9,000 gallons. Supply is constant.  
*Quality of Water.*—Good.



**R. H. B. Marsham, Esq.**—Supplies parish of Edgcott (Buckingham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring near Edgcott. Yield not known.  
*Works.*—No filtration. Reservoir near Edgcott, 4,800 gallons.  
*Quantity of Water supplied.*—Plentiful.  
*Quality of Water.*—Very good.

**Sir S. E. Scott, Bart., M.P.**—Supplies parish of Westbury (Buckingham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Westbury. The average daily quantity of water obtained is 15,000 gallons, and a further 24,000 gallons per day could be obtained.  
*Works.*—No filtration. Reservoirs, Westbury, (a) 20,000 gallons, (b) 20,000 gallons.  
*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.  
*Quality of Water.*—Very good.

**Stoke Goldington Water Committee.**—Supplies part of parish of Stoke Goldington (Newport Pagnell R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Stoke Goldington; (2) Springs at Church Farm. The average daily quantity of water obtained is 18,000 gallons.  
*Works.*—No filtration. Reservoirs:—(1) Tank at Stoke Goldington, capacity not known; (2) Church Farm, 3,500 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good.

**W. Uthwatt, Esq.**—Supplies part of parish of Great Linford (Newport Pagnell R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Great Linford. Yield not known, but the supply is unlimited.  
*Works.*—No filtration. Reservoir at Great Linford, 90,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

### CAMBRIDGESHIRE.

**Col. Harding.**—Supplies part of parish of Madingley (Chesterton R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well, 240 feet, in Greensand, at Madingley. Yield not known.  
*Works.*—No filtration. Reservoir at Madingley, 10,000 gallons.  
*Quantity of Water supplied.*—The daily average is 1,750 gallons. Supply is constant.  
*Quality of Water.*—Fit for drinking, but hard.

### CHESHIRE.

**A. E. Allen, Esq.**—Supplies part of parish of Rainow (Macclesfield R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Bull Hill Farm. Yield not known.  
*Works.*—No filtration. Reservoir at Bull Hill Farm, Rainow, 88,988 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Satisfactory.

**Col. W. B. Brocklehurst.**—Supplies Macclesfield B. (part), and part of parish of Hurdfield (Macclesfield R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Stream, intake on Shoresclough Farm; (2) Dodgemoor Spring, Shoresclough Farm; (3) Spring on Lower Swanscoe Farm. Yield not known.  
*Works.*—Water from (1) only is filtered. Storage reservoirs:—Snapes Pool, 882,000 gallons; Lower Swanscoe Farm, 14,847 gallons; Saunders Farm, 8,893 gallons. Service reservoir, Hurdfield Road, 94,300 gallons. Pressure is sufficient.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Satisfactory.

**W. P. Langford Brooke, Esq.**—Supplies part of parish of Mere (Bucklow R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Over Tabley. The average daily quantity of water available is 8,000 gallons.  
*Works.*—No filtration. Reservoirs:—Over Tabley, 25,000 gallons; Tower at Mere, 25,000 gallons.  
*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.  
*Quality of Water.*—Good and fairly soft.



**Messrs. Brunner, Mond & Co., Ltd.**—Supply part of parish of Winnington (Northwich R.D.), and furnish a supply in bulk to Northwich R.D.C. (see page 102).

*Sources of Supply (Nature and Sufficiency).*—Well, 40 feet in gravel over clay, at Cogshall, near Northwich. The average daily quantity of water obtained is 65,000 gallons, and a further 35,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs, Cogshall, 30,000 gallons; Winnington, 25,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 48,000 gallons and 17,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good—periodical chemical examination. Hardness:—total, 13·58°; permanent, 7·35°. No action on lead.

**The Calico Printers' Association, Ltd.**—Supplies Bredbury and Romiley U.D. (part), Compstall U.D. (part), and (in Derbyshire) part of parish of Ludworth (Glossop Dale R.D.).

*Source of Supply (Nature and Sufficiency).*—Upland surface in Compstall. Yield not known.

*Works.*—No filtration. Reservoirs, School Lane, Compstall, and Mount Pleasant; capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**B. Dutton, Esq.**—Supplies part of parish of Kelsall (Tarvin R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Kelsall. Yield not known.

*Works.*—No filtration. Reservoir on Kelsall Hill, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Lord Egerton of Tatton.**—Supplies parts of parishes of Rostherne and Tatton (Bucklow R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sand in Tatton Park. The average daily quantity of water available is 77,500 gallons.

*Works.*—Filtration, 4,000 gallons per square yard per day. No reservoir.

*Quantity of Water supplied.*—The daily average is 75,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Earl of Harrington.**—Supplies part of parish of Bosley (Macclesfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Bosley. Yield not known.

*Works.*—No filtration. Reservoir at Bosley; capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**London and North-Western Railway Company.**—Furnishes supplies in bulk to Crewe T.C. and Nantwich R.D.C.; and supplies (in Staffordshire) part of parish of Whitmore (Newcastle under Lyme R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and borings in red sandstone, Whitmore, Staffs. The average daily quantity of water obtained is 2,700,000 gallons.

*Works.*—Pressure filters. Storage reservoir, Whitmore, 11,259,000 gallons; service reservoir, Madeley, 4,265,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate; the daily average in bulk is 715,000 gallons.

*Quality of Water.*—Good—periodical chemical and occasional bacteriological examination. Hardness, 8·6°. No action on lead; contains some iron.

**Trustees of the late John C. Needham.**—Supply part of parish of Kelsall (Tarvin R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Kelsall Hill. Yield not known.

*Works.*—No filtration. Reservoir at Kelsall Hill, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**G. E. J. Charlton Parr, Esq.**—Supplies parts of parishes of Appleton and Grappenhall (Runcorn R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Grappenhall. Yield not known.

*Works.*—No filtration. Reservoir at Grappenhall, 100,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**R. C. Parr, Esq.**—Supplies parts of parishes of Ashton, Horton cum Peel, Kelsall, and Mouldsworth (Tarvin R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Willow Wood, Spy Hill. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoir at Longley Hill, 20,000 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Satisfactory.

**Col. W. Sidebottom.**—Supplies Mottram in Longdendale U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit, Gorsey Brow, Broadbottom. Yield not known.

*Works.*—No filtration. Reservoir, tank at Gorsey Brow, 596 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Trustees of the late Earl of Stamford and Warrington.**—Supply part of parish of Matley (Tintwistle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit, Gallows Clough, Matley. Yield not known.

*Works.*—No filtration. Reservoir at Gallows Clough, 81,257 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**C. W. Tomkinson, Esq.**—Supplies parts of parishes of Delamere (Northwich R.D.); Duddon, Tarvin, and Willington (Tarvin R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, overlying marl, Bigwood, Willington. Yield not known.

*Works.*—No filtration. Reservoir at Bigwood, 60,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**W. H. Verdin, Esq.**—Supplies part of parish of Darnhall (Northwich R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, fed by springs from red sandstone at Darnhall. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Medium hardness.

**Lord Vernon.**†—Supplies part of parish of Poynton with Worth (Macclesfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole, 200 feet, in New Red Sandstone, at Poynton. The average daily quantity of water available is 62,000 gallons.

*Works.*—No filtration. Reservoir at Poynton, 200,000 gallons.

*Quantity of Water supplied.*—The daily average is 46,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory. Hardness:—total, 17°; permanent, 10°. No action on lead.

**P. E. Warburton, Esq.**—Supplies part of parish of Great Budworth (Runcorn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from gravel and sand, Weston Lane, Aston by Budworth; (2) Spring, The Dene, Great Budworth. The average daily quantity of water derived from each source is, respectively, (1) 3,000 gallons; (2) 6,000 gallons; a further 2,500 gallons per day could be obtained from (1) in winter, and 5,000 gallons from (2).

*Works.*—No filtration. Reservoir, Church Street, Great Budworth, 3,000 gallons.

*Quantity of Water supplied.*—(1) The daily average is 3,000 gallons—supply is intermittent; (2) adequate.

*Quality of Water.*—Good.

**Duke of Westminster.**—Supplies part of parish of Waverton (Tarvin R.D.).

*Source of Supply (Nature and Sufficiency).*—Borehole in New Red Sandstone, Waverton Quarry. The average daily quantity of water available is 4,800 gallons.

*Works.*—No filtration. Reservoirs (two) at Waverton, 21,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,300 gallons. Supply is constant.

*Quality of Water.*—Good—occasional examination. Hardness:—total, 3·4°; permanent, 2·7°.

† This supply is protected by Section 29 of the Stockport Corporation Water Act, 1901.



**W. Whiston, Esq.**—Supplies part of parish of Sutton (Macclesfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Sutton. The average daily quantity of water available is 30,000 gallons.

*Works.*—No filtration. Reservoirs:—Tanks at Sutton (a) 1,200 gallons; (b) 4,000 gallons; (c) 80 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

## CORNWALL.

**A. F. Basset, Esq.**—Supplies part of parish of Illogan (Redruth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from clay and slate, Nancekuke, Illogan. Yield not known.

*Works.*—No filtration. Reservoirs, Tolteggan Valley, (a) 3,675 gallons, (b) 3,675 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The R. R. Bath and Newlyn Ice Company, Ltd.**—Supplies Paul U.D. (part); and furnishes an occasional supply in bulk to Paul U.D.C.

*Source of Supply (Nature and Sufficiency).*—Borehole in granite at Sheffield, Paul. The average daily quantity of water obtained is 1,214 gallons.

*Works.*—No filtration. Reservoir at Sheffield, 75,000 gallons.

*Quantity of Water supplied.*—The daily average is 500 gallons. Supply is constant.

*Quality of Water.*—Satisfactory. Hardness not known. No action on lead.

**Lieut.-Gen. Sir R. Pole Carew, M.P.**—Furnishes a supply in bulk to St. Germans R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs intercepted underground, from clay and slate, Higher Tregantle. The average daily quantity of water available is 40,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Viscount Clifden.**—Supplies parts of parishes of (1) St. Cleer (Liskeard R.D.), and (2) Feock (Truro R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from granite, with gathering ground, 50 acres, Gonamena Darite; (2) Spring from Killas formation at Carnon Hill. The average daily quantity of water available from (1) is 26,000 gallons. Yield from (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Darite, 3,125 gallons; (2) Carnon Hill, 200,000 gallons.

*Quantity of Water supplied.*—(1) The daily average is 3,000 gallons—supply is constant, (2) adequate.

*Quality of Water.*—(1) Good, (2) very good.

**Grampound Parish Council.**—Supplies part of parish of Grampound (St. Austell R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring, half a mile from Grampound. The average daily quantity of water obtained is 20,000 gallons.

*Works.*—No filtration. Reservoir at Grampound, 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Sir Robert Harvey.**—Supplies part of parish of Tintagel (Camelford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from slate at Trevillet and Downrow. Yield not known.

*Works.*—No filtration. Reservoir, tank at Downrow, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very good.

**Lanner Village Supply.**—Supplies part of parish of Gwennap (Redruth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Lanner Green. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.



**Leschallas Trustees.**—Supply parts of parishes of Forrabury and Minster (Camelford R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Two springs from sandstone, Boscastle.  
 Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. Hardness, 5·5°.

**R. E. Pearce Martyn, Esq.**—Supplies part of parish of St. Austell Rural (St. Austell R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Carthew, Wheal Martyn, Cocksborough and Gunheath. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Thomas Mills, Esq.**—Supplies parts of parishes of Llansallos and Talland (Liskeard R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Devonian formation, Lower Brent Farm, Talland. The average daily quantity of water available is 2,116 gallons.

*Works.*—No filtration. Reservoirs:—Lower Brent Farm, (a) 12,500 gallons, (b) 12,500 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Polruan Town Charity.**—Supplies part of parish of Lanteglos (Liskeard R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from slate at Polruan. Yield not known.

*Works.*—No filtration. Reservoirs:—Lanteglos, (a) 40,000 gallons, (b) 5,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very good.

**R. W. G. Tyringham, Esq.**—Supplies part of parish of Uny Lelant (West Penwith R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring from mine adit in slate at Lelant Mill; (2) Springs from slate, at Gye's Moor; (3) Wythan Well and Boskerri's Well, in granite, near Carbis Bay. The average daily quantity of water derived from each source is, respectively, (1) 10,000 gallons; (2) 1,000 gallons; (3) not known; a further 8,000 gallons per day could be obtained from (1) and 19,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—Lelant, 24,000 gallons; Carbis Bay Tank, 1,300 gallons.

*Quantity of Water supplied.*—(1) and (2) the daily average is 10,000 gallons—supply is constant; (3) scarcely adequate.

*Quality of Water.*—(1) and (2) Good; (3) very good.

#### CUMBERLAND.

**Sir R. J. Graham, Bart.**—Supplies part of parish of Arthuret (Longtown R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from sand and gravel at Chapeltown. The average daily quantity of water obtained is 12,000 gallons, and a further 15,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Easton, 6,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

**Captain I. S. Irwin.**—Supplies part of parish of Solport (Longtown R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Stream near Bartiestown; (2) Springs at Gibestown. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**S. L. Burns Lindow, Esq.**—Supplies Cleator Moor U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs, mountain stream, and upland surface, 325 acres over Lower Skiddaw slate series, at Longbarrow, Weatherclack, and Dent. The average daily quantity of water obtained is 447,500 gallons, and a further 390,000 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoir at Deer Park, 210,000 gallons.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Good. No action on lead.



**Moresby Coal Company.**—Supplies part of parish of Distington (Whitehaven R.D.).

*Sources of Supply (Nature and Sufficiency).*—Oatlands Pit shaft. Yield not known.

*Works.*—No filtration. Reservoir at Pica, Distington, 11,250 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Lord Muncaster.**—Supplies part of parish of Muncaster (Bootle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs from granite at Muncaster. Yield not known.

*Works.*—No filtration. Reservoirs:—Muncaster Castle, (a) 25,000 gallons, (b) 13,000 gallons, (c) 6,000 gallons; Newtown, 14,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory.

**Sir R. G. Musgrave, Bart.**—Supplies part of parish of Edenhall (Penrith R.D.).

*Sources of Supply (Nature and Sufficiency).*—Gathering ground and springs from red sandstone and gravel in Edenhall Deer Park. Yield not known.

*Works.*—Water is filtered. Reservoirs:—Deer Park; Town Head Wood; Town Head Meadow; capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Liable to pollution.

**Executors of the late T. H. Rymer.**—Supply part of parish of Beckermest St. Bridget (Whitehaven R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland gathering ground and spring, Stords Fell. Yield not known.

*Works.*—No filtration. Reservoir at Stords Fell, capacity not known.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Excellent. Soft, but galvanised iron pipes are used.

**J. Simpson, Esq.**—Supplies part of parish of Borrowdale (Cockermouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Mountain brook, intake at Rosthwaite. Yield not known.

*Works.*—No filtration. Reservoir, tank at Rosthwaite, in Borrowdale, 90 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Major E. W. Spedding.**—Supplies Keswick U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Gathering ground, 70 acres, and springs from clay and slate, Rams Gill on Latrigg. The average daily quantity of water obtained is 300 gallons, and a further 2,000 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoirs, Keswick, (a) 187 gallons, (b) 1,500 gallons, (c) 1,950 gallons.

*Quantity of Water supplied.*—The daily average is 300 gallons. Supply is constant.

*Quality of Water.*—Good.

## DERBYSHIRE.

**F. C. Arkwright, Esq.**—Supplies (1) parish of Cromford (Bakewell R.D.); and (2) part of parish of Mellor (Hayfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Cromford; (2) Spring from Millstone Grit, at Tarden. The average daily quantity of water available from each source is, respectively, (1) 25,000 gallons, (2) 17,245 gallons.

*Works.*—No filtration. Reservoirs:—(1) Intake Lane 21,000 gallons, Cromford Hill 15,000 gallons, New Close 4,000 gallons, Allen Hill 3,200 gallons, Rock House 2,500 gallons; (2) Tarden, 5,850 gallons.

*Quantity of Water supplied.*—(1) Adequate; (2) the daily average is 8,622 gallons—supply is constant.

*Quality of Water.*—Satisfactory.

**Messrs. W. and S. Burkitt.**—Supply parts of parishes of Scarcliffe and Upper Langwith (Blackwell R.D.).

*Source of Supply (Nature and Sufficiency).*—River Poulter, intakes at Birchall Wood and Roseland Wood. Yield not known.

*Works.*—No filtration. Reservoirs, two at Scarcliffe, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Fairly good.



**The Butterley Company, Ltd.**—Supplies (1) Alfreton U.D. (part); and (*in Notts*) parish of Codnor Park (Basford R.D.), and furnishes a supply in bulk to (2) Ripley U.D.C. (*see* page 117).

*Sources of Supply (Nature and Sufficiency).*—Disused pit shafts (1) Codnor Park, (2) Butterley Row. The average daily quantity of water derived from each source is, respectively, (1) 111,447 gallons; (2) 56,250 gallons.

*Works.*—Pressure filters. Storage reservoirs:—(1) Codnor Park, 585,100 gallons; (2) Butterley, 843,750 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is (1) 47,000 gallons, and (2) 56,250 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (6th April 1911) that the water from (1) is undesirably hard and that from (2) is undesirable. Hardness:—(1) total, 41.55°; permanent, 23.6°; (2) total, 45.11°; permanent, 33.04°. No action on lead; both waters contain sulphate of magnesia.

**Calico Printers' Association, Ltd.** *See* Cheshire.

**Earl of Carnarvon.**—Supplies part of parish of Brethby (Repton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from gravel, Brethby Park. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Duke of Devonshire.**—Supplies (1) Baslow and Bubnell U.D. (part); (2) parishes of Edensor (part) and Pilsley (Bakewell R.D.); and (3) Pleasley (part) (Blackwell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from sandstone, Bubnell; (2) Springs from sandstone, Edensor; (3) Springs, Rotherham Road, Stony Houghton. The average daily quantity of water derived from (1) is 1,550 gallons, and from (2) 10,300 gallons; a further 450 gallons per day could be obtained from (1), and 5,200 gallons from (2). Yield from (3) not known, but unlimited.

*Works.*—Water from (3) only is filtered. Reservoirs:—(1) Bubnell, 2,000 gallons; (2) Edensor (a) 5,000 gallons, (b) 5,000 gallons, (c) 5,000 gallons, (d) 5,000 gallons; (3) Rotherham Road, Stony Houghton, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 1,550 gallons, and (2) 10,300 gallons—supply is constant; (3) adequate.

*Quality of Water.*—Good.

**Duffield Parochial Committee.**—Supplies parts of parishes of (1) Duffield and (2) Milford (Belper R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit: (1) Cross o' th' Hands, Turnditch; (2) Handley Wood, Shottle. The average daily quantity of water derived from (2) is 40,000 gallons. Yield of (1) not known.

*Works.*—No filtration. Storage reservoir:—Handley Wood, 50,000 gallons. Service reservoir:—Hazelbrow, Duffield, 50,000 gallons.

*Quantity of Water supplied.*—(1) Ample; (2) the daily average is 40,000 gallons—supply is constant.

*Quality of Water.*—Good.

**J. H. Eastwood, Esq.**—Supplies part of parish of Clowne (Clowne R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at North Road, Clowne. The average daily quantity of water obtained is 500 gallons.

*Works.*—No filtration. Reservoir at North Road, 1,000 gallons.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Good.

**Executors of the late W. Evans.**—Supply part of parish of Darley Abbey (Belper R.D.).

*Sources of Supply (Nature and Sufficiency).*—Four springs: (1) Allestree Quarry Hole; (2) Weir Field; (3) Church Field; (4) Darley House. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons; (2) 2,000 gallons; (3) 3,000 gallons; (4) 3,000 gallons.

*Works.*—No filtration. Reservoirs:—Church Field, 5,000 gallons; Weir Field, 10,000 gallons; Hillside Field (two) 4,000 gallons; Darley House Field, 1,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Very good.

**Sir H. M. FitzHerbert, Bart.**—Supplies part of parish of Tissington (Ashbourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Tissington. The average daily quantity of water obtained is 3,500 gallons, and a further 5,000 gallons per day could be obtained.



*Works.*—No filtration. Reservoir at Tissington, 6,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lieut.-Col. H. A. Chandos Pole Gell.**—Supplies part of parish of Hopton and Griffie Grange (Ashbourne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Four springs from Carboniferous Sandstone, Callow. The average daily quantity of water obtained is 1,600 gallons; and a further 1,800 gallons per day could be obtained.

*Works.*—Part of the water is filtered. Reservoirs:—Hall Wood, Callow, 12,000 gallons; Hopton, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**W. Hall, Esq.**—Supplies part of parish of Hollington (Ashbourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Hollington. The average daily quantity of water obtained is 3,000 gallons.

*Works.*—No filtration. Reservoir at Hollington, 3,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Lord Hindlip.**—Supplies parts of parishes of Eaton and Alsop, and Newton Grange (Ashbourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, the "Nabs," Dovedale. Yield not known.

*Works.*—No filtration. Reservoirs, Hanson Grange, 46,800 gallons; Newton Grange, (a) 26,775 gallons, (b) 1,280 gallons; Alsop Hall, 11,600 gallons.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**H. S. Hodding, Esq.**—Supplies part of parish of Whitwell (Clowne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring and borehole in grey rock beneath Magnesian Limestone, Hodthorpe. The average daily quantity of water available is 18,000 gallons.

*Works.*—No filtration. Reservoirs:—Hodthorpe, (a) 15,000 gallons, (b) 8,000 gallons.

*Quantity of Water supplied.*—The daily average is 8,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Lord Howard of Glossop.**—Supplies Glossop B. (part) and parts of parishes of Charlesworth, Chisworth, and Ludworth (Glossop Dale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland streams and springs, Peaknaze Moors. Yield not known.

*Works.*—Water is filtered. Storage reservoirs:—Ludworth, (four and tank) 2,000,000 gallons; Charlesworth, 250,000 gallons; Gamesley, 500,000 gallons; Dinting (two), 70,000 gallons. Service reservoirs:—Windy Harbour, (a) 875,000 gallons, (b) 750,000 gallons; Padfield, 500,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good.

**M. J. Hunter, Esq.**—Supplies part of parish of Stoke (Bakewell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from grit: (1) Knouchley Farm; (2) Meg Clough. Yield not known.

*Works.*—No filtration. Reservoirs:—Knouchley Farm, 500,000 gallons; Meg Clough, 300,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,350 gallons. Supply is constant.

*Quality of Water.*—Very good.

**W. Jowett, Esq.**—Supplies (1) part of parish of Mellor (Hayfield R.D.) and (2) New Mills U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from grit, (a) Knowle, (b) Towncliffe; (2) Spring. The average daily quantity of water available from each source is, respectively, (1) (a) 5,000 gallons, (b) 12,000 gallons; (2) 12,375 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Apple Tree, 380,000 gallons; (2) Abbey Tree, 2,623 gallons. Service reservoirs:—(1) Knowle, 30,000 gallons, Towncliffe, (a) 7,350 gallons, (b) 3,700 gallons.

*Quantity of Water supplied.*—The daily average is (1) 8,500 gallons—supply is constant; (2) scarcely adequate.

*Quality of Water.*—Analyst remarks that chemically it is the purest of natural waters. Hardness:—(1) total, 4·5°; permanent, 3·5°.



**Mapperley Colliery Company, Ltd.**—Supplies parts of parishes of Dale Abbey, Stanley, and West Hallam (Shardlow R.D.).

*Source of Supply (Nature and Sufficiency).*—Pit shaft in Carboniferous formation at Dale. The average daily quantity of water obtained is 285,000 gallons.

*Works.*—Water is filtered. Reservoir, at Smalley Common, 90,000 gallons.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Messrs. Marston, Thompson & Evershed, Ltd.**—Supply part of parish of Thorpe (Ashbourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Fenny Bentley, Thorpe. The average daily quantity of water obtained is 3,000 gallons.

*Works.*—No filtration. Reservoir at Fenny Bentley 14,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Midland Railway Company.**—Supplies part of parish of Edale (Chapel en le Frith R.D.).

*Sources of Supply (Nature and Sufficiency).*—Stream, intake at Parsons Piece, with gathering ground in Grindlow Knoll, Edale. The average daily quantity of water obtained is 5,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Parsons Piece, 4,000 gallons.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**J. Minkley, Esq.**—Supplies part of parish of Whitwell (Clowne R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 222 feet, at Whitwell. The average daily quantity of water obtained is 1,340 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs, tanks at Whitwell, (a) 1,200 gallons, (b) 3,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,340 gallons. Supply is constant.

*Quality of Water.*—Good.

**Moira Colliery Company, Ltd.**—Supplies part of parish of Overseal (Hartshorn and Seals R.D.) and (in Leicestershire) Ashby Woulds U.D.† (part) and part of parish of Oakthorpe and Donisthorpe (Ashby de la Zouch R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Triassic formation over Coal Measures, near Willesley Hall. The average daily quantity of water obtained is 5,000 gallons, and a further 5,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Moira, 14,000 gallons.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Pure.

**J. Moulton, Esq.**—Supplies New Mills U.D. (part) and part of parish of Mellor (Hayfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Mellor. Yield not known.

*Works.*—No filtration. Reservoirs:—Bull Hill Farm, 20,000 gallons; tanks at Lower Cliffe, (a) 1,000 gallons, (b) 1,000 gallons; Higher Cliffe, 500 gallons; tanks at Mellor, (a) 200 gallons, (b) 200 gallons, (c) 200 gallons, (d) 200 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**E. M. Mundy, Esq.**—Supplies parts of parishes of Mapperley (Belper R.D.) and Shipley (Basford R.D.).

*Source of Supply (Nature and Sufficiency).*—Pumping shaft at Colliery, Shipley. Yield not known.

*Works.*—Water is filtered. Reservoirs, Shipley Hall and Ilkeston, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory. Hardness not known. No action on lead; contains some iron.

† The supply in Ashby Woulds U.D. is about to be discontinued.



**Pinxton Collieries, Ltd.**—Supply part of parish of Pinxton (Blackwell R.D.).*Powers.*—Pinxton Water Order, 1902.*Limits.*—Part of parish of Pinxton (Blackwell R.D.).*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Coal Measures, Suff Lane; (2) Supply in bulk from Basford R.D.C. through Blackwell R.D.C. (see page 12). The average daily quantity of water derived from each source is, respectively, (1) 17,280 gallons; (2) 2,630 gallons.*Works.*—Pressure filters. Reservoir at Pinxton, 256,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—The daily average is 19,910 gallons. Supply is constant.*Quality of Water.*—Excellent. Hardness not known. No action on lead; contains some iron.**Governors of Sir John Port's Charity.**—Supply part of parish of Repton (Repton R.D.).*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 204 feet, in Bunter at Repton. The average daily quantity of water obtained is 6,000 gallons.*Works.*—No filtration. Reservoir, Tower at Repton, 9,700 gallons.*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.*Quality of Water.*—Good.**Duke of Portland.**—Supplies parts of parishes of Elmton and Whitwell (Clowne R.D.); and (in Nottinghamshire) Worksop U.D. (part); parts of parishes of Carburton, Cuckney, Holbeck, Nether Langwith, Norton, Welbeck, and Woodhouse Hall (Blyth and Cuckney R.D.).*Sources of Supply (Nature and Sufficiency).*—(1) Spring in sandstone at Cuckney; (2) Well in Bunter Beds, at Carburton. The average daily quantity of water derived from each source is, respectively, (1) 8,500 gallons and (2) 90,000 gallons; a further 25,000 gallons per day could be obtained from (1) and 700,000 gallons from (2).*Works.*—No filtration. Reservoirs:—Cuckney Hill, 30,000 gallons; Manor Hill, Worksop, 400,000 gallons; Rough Break, 40,000 gallons.*Quantity of Water supplied.*—The daily average is 98,500 gallons. Supply is constant.*Quality of Water.*—Satisfactory.**A. Potts, Esq.**—Supplies part of parish of Mellor (Hayfield R.D.).*Source of Supply (Nature and Sufficiency).*—Spring at Mellor. Yield not known.*Works.*—No filtration. Reservoirs at Mellor:—(a) 4,688 gallons, (b) tanks, 1,000 gallons.*Quantity of Water supplied.*—Adequate.*Quality of Water.*—Satisfactory.**Duke of Rutland.**—Supplies (1) part of North Darley U.D.; (2) parishes of Great Rowsley and Youghreave (part) (Bakewell R.D.); and (3) Baslow and Bubnell U.D. (part), and parish of Curbar (Bakewell R.D.).*Sources of Supply (Nature and Sufficiency).*—(1) Springs from grit, Rowsley Wood; (2) River Lathkill, Lathkill Dale; (3) Springs from grit, (a) Heathey Lea, (b) Jack Flat. The average daily quantity of water derived from each source is, respectively, (1) 30,240 gallons; (2) not known; (3) (a) 15,000 gallons, (b) 57,000 gallons.*Works.*—No filtration. Reservoirs:—(1) Rowsley Wood, 900 gallons; (3) Heathey Lea tanks, 4,052 gallons and 18,936 gallons; Blackstone Edge tank, 2,933 gallons; Staley's Field tank, 6,300 gallons.*Quantity of Water supplied.*—(1) Ample, (2) and (3) adequate.*Quality of Water.*—Very good.**Lord Scarsdale.**—Supplies part of parish of Quarndon (Belper R.D.).*Sources of Supply (Nature and Sufficiency).*—(1) Lion's Mouth Spring from limestone shale, Kedleston Park; (2) Springs from gravel, Quarndon; (3) Wells at Allestree and Burley Lanes. The average daily quantity of water available from each source is, respectively, (1) 5,000 gallons; (2) 2,000 gallons; (3) not known.*Works.*—No filtration. Reservoirs:—Montpelier Farm, Quarndon (a) 10,000 gallons, (b) 1,000 gallons.*Quantity of Water supplied.*—The daily average is 7,000 gallons. Supply is constant.*Quality of Water.*—Good.



**Sheepbridge Coal and Iron Company, Ltd.**—Supplies Bolsover U.D. (part), parts of parishes of Ault Hucknall, and Searcliffe (Blackwell R.D.); and (in Nottinghamshire) part of parish of Nether Langwith (Blyth and Cuckney R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Langwith; (2) Spring at Glapwell and Doe Lea brook. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Langwith, (2) Glapwell (two). Capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—occasional chemical examination. Hardness not known. No action on lead.

**Shirebrook Colliery, Ltd.**—Supplies part of parish of Shirebrook (Blackwell R.D.); and furnishes a supply in bulk to Blackwell R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well in Magnesian Limestone, Sookholme. The average daily quantity of water obtained is 170,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Shirebrook, 259,825 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons and 80,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (21st June 1913) that the water is free from organic pollution. Hardness, after softening, 12°. No action on lead.

**A. A. Shuttleworth, Esq.**—Supplies parts of parishes of Hathersage and Outseats (Bakewell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland gathering ground and springs in Hathersage and Outseats. Yield not known.

*Works.*—No filtration. Reservoir at Hathersage, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**J. B. M. Smedley, Esq.**—Furnishes a supply in bulk to Belper R.D.C.

*Source of Supply (Nature and Sufficiency).*—Spring at Dethick. The average daily quantity of water available is 156,000 gallons.

*Works.*—No filtration. Storage reservoir:—Lea, 140,000 gallons. Service reservoirs:—Lea, 80,000 gallons; Upper Holloway, 100,000 gallons; Crich, 40,000 gallons; Parkhead, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 60,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 4·69°. Action on lead not known.

**J. H. Smith, Esq.**—Supplies part of parish of Clifton and Compton (Ashbourne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Clifton. Yield not known.

*Works.*—Water is filtered. Three reservoirs at Clifton, 2,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Analyst remarks (29th August 1906) that chemically the water is excellent. Hardness:—total, 8·26°; permanent, 8·05°.

**Staveley Coal and Iron Company, Ltd.**—Supplies part of parish of Temple Normanton (Chesterfield R.D.).

*Source of Supply (Nature and Sufficiency).*—Pit shaft, 390 feet, Bonds Main Colliery, Temple Normanton. The average daily quantity of water obtained is 150,000 gallons.

*Works.*—No filtration. Reservoirs:—Tanks at Temple Normanton, (a) 7,000 gallons, (b) 7,000 gallons.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**G. Herbert Strutt, Esq.**—Supplies (1) Belper U.D. (part), and (2) part of parish of Brailsford (Ashbourne R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, Belper Lane; (2) Well, 57 feet at Brailsford. The average daily quantity of water obtained from (1) is 24,600 gallons; yield from (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Belper Lane, 103,000 gallons; (2) Brailsford, (a) 28,080 gallons, (b) 28,080 gallons.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good.



**Trustees of the late F. J. Sumner.**—Supply part of parish of Hayfield (Hayfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) Plantation, Brown Hill; (2) Fairy Bank (two); (3) Hollingworth Clough; (4) Higher Cliffe. Yield not known.

*Works.*—No filtration. Reservoir at Brown Hill, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Tideswell Water Committee.**—Supplies parts of parishes of Litton and Tideswell (Bakewell R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Brookbottom, Tideswell Moor. Yield not known.

*Works.*—No filtration. Reservoir at Brookbottom, 100,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**F. W. Verney Esq.**—Supplies part of parish of Pleasley (Blackwell R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Magnesian Limestone over Coal Measures, in Pleasley. The average daily quantity of water obtained is 1,650 gallons, and a further 10,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Pleasley, 17,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Lord Vernon.**—Supplies parts of parishes of Doveridge, Sudbury (Sudbury R.D.); and (in Staffordshire) parts of parishes of Hanbury (Tutbury R.D.), Draycott in the Clay, and Marchington (Uttoxeter R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs: (1) Sudbury Coppice; (2) Aldermoor, Windybank. The average daily quantity of water derived from each source is, respectively, (1) 10,000 gallons; (2) 5,000 gallons; a further 12,000 gallons per day could be obtained from (1), and 5,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—Sudbury Coppice, 65,000 gallons; Houndhill, 12,000 gallons. Pressure is insufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Soft, but no action on lead.

**Wigan Coal and Iron Company, Ltd.**—Furnishes a supply in bulk to Clowne R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Shaft in Bunter Beds and Magnesian Limestone at Manton Colliery, near Worksop. The average daily quantity of water available is 500,000 gallons.

*Works.*—No filtration. No reservoir.†

*Quantity of Water supplied.*—Not yet known.

*Quality of Water.*—Satisfactory.

**Executors of the late J. Wild.**—Supply part of parish of Mellor (Hayfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and spring at Birchenough. Yield not known.

*Works.*—No filtration. Reservoir at Birchenough, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Winstar Water Committee.**—Supplies part of parish of Winstar (Bakewell R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Stanton Moor. The average daily quantity of water available is 12,000 gallons.

*Works.*—No filtration. Reservoirs, two at Winstar Bank, 420,000 gallons.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Good, and soft.

## DEVONSHIRE.

**Lord Ashcombe.**—Supplies part of parish of East Allington (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at East Allington. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

† Clowne R.D.C. have two reservoirs for this supply, viz., Speetly Plantation, Barlborough, 400,000 gallons, and Sparken Hill, Worksop, 150,000 gallons.



- Mrs. H. M. Basset.**—Supplies part of parish of Berrynarbor (Barnstaple R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Hagginton Hill, Berrynarbor.  
 Yield not known.  
*Works.*—No filtration. Reservoir at Hagginton Hill, 1,010 gallons.  
*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.  
*Quality of Water.*—Excellent.
- Duke of Bedford.**—Supplies part of parish of Milton Abbot (Tavistock R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from chert overlying shale at Milton Abbot. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, and soft.
- Bigbury Bay Land Development Company.**—Supplies part of parish of Bigbury (Kingsbridge R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Six springs at Bigbury. The average daily quantity of water available is 10,000 gallons.  
*Works.*—No filtration. Reservoir at Bigbury, 50,000 gallons.  
*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.  
*Quality of Water.*—Good, but rather hard—annual examination.
- Bow Parish Council** (as Trustees under Charity Commissioners).—Supplies part of parish of Bow (Crediton R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in red sandstone, Zeal Monachorum.  
 The average daily quantity of water available is 4,000 gallons.  
*Works.*—No filtration. Reservoir at Bow, 50,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,250 gallons. Supply is constant.  
*Quality of Water.*—Very good.
- Mrs. Cornish Bowden** (*see Addenda*, page 598).
- Bridestowe Parish Council.**—Supplies part of parish of Bridestowe (Okehampton R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring intercepted underground, at Bridestowe. The average daily quantity of water available is 1,440 gallons.  
*Works.*—No filtration. Reservoir at Bridhayes Meadow, 2,000 gallons.  
*Quantity of Water supplied.*—The daily average is 500 gallons. Supply is constant.  
*Quality of Water.*—Good.
- H. F. Brunskill, Esq.**—Supplies parts of parishes of Buckland Tout Saints, and Thurlestone (Kingsbridge R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from slate at Buckland Tout Saints and Thurlestone. Yield not known.  
*Works.*—No filtration. Reservoir at Thurlestone, capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.
- Sir C. D. Cave, Bart.**—Supplies part of parish of Sidbury (Honiton R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring at Sidbury. The average daily quantity of water available is 14,000 gallons.  
*Works.*—Water is filtered. Reservoir, near Sidbury, 2,500 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.
- Executors of the late W. L. Christie.**—Supply part of parish of Braunton (Barnstaple R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from rock at Saunton. The average daily quantity of water obtained is 1,000 gallons, and a further 1,000 gallons per day could be obtained.  
*Works.*—No filtration. Reservoir at Saunton, 29,000 gallons.  
*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.  
*Quality of Water.*—Excellent.
- Lord Churston.**—Supplies part of parish of Churston Ferrers (Totnes R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from limestone and slate, about half a mile from Churston. Yield not known.  
*Works.*—No filtration. Reservoir at Higher Alston, 8,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.



**Lord Clinton.**—(1) Supplies Seaton U.D. (part), parish of Beer (Axminster R.D.), and furnishes a supply in bulk to Seaton U.D.C.; (2) supplies parishes of Bicton and East Budleigh (part) (St. Thomas R.D.).

*Powers.*—(1) Seaton and Beer Water Order, 1891.

*Limits.*—(1) Seaton U.D.; and parish of Beer (Axminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring on Couchill Farm, Beer; (2) Springs from New Red Sandstone, Bicton Common, and Washmoor Farm, East Budleigh. The average daily quantity of water derived from (1) is 116,000 gallons, and a further 50,000 gallons per day could be obtained. Yield of (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Couchill Farm, Beer, (a) 50,000 gallons; (b) 20,000 gallons.

*Quantity of Water supplied.*—(1) The daily average is 61,000 gallons and 55,000 gallons in bulk—supply is constant. (2) Sufficient.

*Quality of Water.*—Good.

**Colaton Raleigh Water Committee.**—Supplies part of parish of Colaton Raleigh (St. Thomas R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Popham's Farm, Colaton Raleigh. Yield not known.

*Works.*—No filtration. Reservoir at Popham's Meadow, 1,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Very good.

**The Feoffees of Colyton.**—Supply part of parish of Colyton (Axminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Five springs, Slade Hill, Colyton. The average daily quantity of water available is 31,680 gallons.

*Works.*—No filtration. Reservoirs:—Ridgway, Slade, (a) (two) 42,000 gallons, (b) 25,000 gallons.

*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Earl of Devon.**—Supplies part of parish of Kenton (St. Thomas R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Kenton. Yield not known.

*Works.*—No filtration. Reservoir at Kenton, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Committee of Visitors, Devon County Asylum.**—Supplies part of parish of Exminster (St. Thomas R.D.).

*Source of Supply (Nature and Sufficiency).*—Borehole through conglomerate to red sandstone, Pierce's Hill. The average daily quantity of water obtained is 35,000 gallons.

*Works.*—No filtration. Reservoir at Pierce's Hill, 300,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Capt. G. Dowglass.**—Supplies part of parish of South Milton (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock, Shute Orchard. The average daily quantity of water available is 4,000 gallons.

*Works.*—No filtration. Reservoir at Shute Orchard, 17,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**J. Ford, Esq.**—Supplies part of parish of Newton Ferrers (Plympton St. Mary R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from shale, Newton Ferrers. Yield not known.

*Works.*—No filtration. Reservoir at Newton Ferrers, 164,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**Mrs. A. Froude.**—Supplies part of parish of South Pool (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at South Pool. Yield not known.

*Works.*—No filtration. Reservoir at Halwell House, 1,200 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.



**Mrs. C. L. Hamlyn.**—Supplies parish of Clovelly (Bideford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Burscott and Hugglepit Valleys. Yield not known.

*Works.*—No filtration. Reservoirs:—Burscott Valley, 5,600 gallons; Clovelly, 8,750, gallons; Hugglepit Valley, 60,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**C. Hellyer, Esq.** (see *Addenda*, page 598).

**A. F. Holdsworth, Esq.**—Supplies part of parish of Stokenham (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Stokenham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**J. S. Hurrell, Esq. (Trustee).**—Supplies part of parish of Chivelstone (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs with gathering ground, 300 acres, near Chivelstone. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**The Provost and Scholars of King's College, Cambridge.**—Supply part of parish of Sampford Courtenay (Okehampton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from New Red Sandstone at Sampford Courtenay. Yield not known.

*Works.*—No filtration. Reservoir, small tank at Sampford Courtenay.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**Trustees of the late Albert John B. Knight.**—Supply part of parish of Stokenham (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Stokenham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**J. J. MacAndrew, Esq.**—Supplies Ivybridge U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from granite, Bridge Park. The average daily quantity of water available is 30,000 gallons.

*Works.*—No filtration. Reservoir at Bridge Park, 9,500 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Messrs. Martin Brothers, Ltd.**—Supply part of parish of Shaugh Prior (Plympton St. Mary R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from granite on Dartmoor. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Marquess of Northampton.**—Supplies part of parish of Charleton (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from slate, Charleton. Yield not known.

*Works.*—No filtration. Reservoirs:—Charleton (a) 570 gallons, (b) 150 gallons; Frogmore, 350 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Sir W. Peek, Bart.**—Supplies parish of Rousdon (Axminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock, Charton Cliff. The average daily quantity of water available is 18,000 gallons.

*Works.*—No filtration. Reservoirs at Rousdon Cliffs (three), 72,000 gallons; two tanks, 50,000 gallons; tank, 16,800 gallons.

*Quantity of Water supplied.*—The daily average is 7,000 gallons. Supply is constant.

*Quality of Water.*—Good.



**Mrs. Rayer.**—Supplies part of parish of Holcombe Rogus (Culmstock R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Holcombe Court. Yield not known.

*Works.*—No filtration. Reservoir at Holcombe Rogus, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**R. Rogers, Esq.**—Supplies part of parish of South Huish (Kingsbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Kennel Lane and Westwells, South Huish. Yield not known.

*Works.*—No filtration. Reservoir at Hope Cove, 2,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Trustees of St. Petrox Trust Lands.**—Supply Dartmouth B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Swannaton, Dartmouth. The average daily quantity of water obtained is 13,500 gallons.

*Works.*—Water is filtered. Reservoir at Swannaton, 16,500 gallons.

*Quantity of Water supplied.*—The daily average is 13,500 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Sticklepath Village Supply.**—Supplies part of parish of Sampford Courtenay (Okehampton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Sticklepath. Yield not known.

*Works.*—No filtration. Reservoir: tank at Sticklepath, 540 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**E. R. Berry Torr, Esq.**—Supplies part of parish of Westleigh (Barnstaple R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Westleigh. Yield not known.

*Works.*—No filtration. Reservoir, tank at Westleigh, 9,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very good.

**Zeal Monachorum Waterworks Committee.**<sup>†</sup>—Supplies part of parish of Zeal Monachorum (Crediton R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Zeal Monachorum. The average daily quantity of water available is 600 gallons.

*Works.*—No filtration. Reservoir at Zeal Monachorum, 13,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

## DORSETSHIRE.

**Trustees of the Bankes Settled Estates.**—Supply parts of parishes of (1) Corfe Castle, and (2) Studland (Wareham and Purbeck R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at East Street, Corfe Castle; (2) Spring at Studland Heath. Yield not known.

*Works.*—Water is filtered. Reservoirs:—(1) Corfe Castle, 5,000 gallons; (2) Studland, (a) 50,000 gallons, (b) 20,000 gallons, (c) 10,000 gallons.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—(1) Fair; (2) good.

**Duke of Bedford.**—Supplies parts of parishes of Kingston Russell and Long Bredy (Dorchester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Long Bredy. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Mrs. P. J. Browne.**—Supplies parish of Fifehead Magdalen (Sturminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Fifehead House; (2) River Stour, below Fifehead House. Yield not known.

*Works.*—Water is filtered. Reservoir at Fifehead House, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

<sup>†</sup> Zeal Monachorum Waterworks Committee. This undertaking is about to be purchased by the Crediton R.D.C.



**R. H. Brutton, Esq.**—Supplies parish of Osmington (Weymouth R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring at Osmington. Yield not known.  
*Works.*—No filtration. Reservoir at Osmington, 2,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**W. Burt, Esq.**—Supplies part of parish of Hinton Martell (Wimborne and Cranborne R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from gravel underneath clay, Hinton Martell. The average daily quantity of water obtained is 1,500 gallons.  
*Works.*—No filtration. Reservoirs, Hinton Martell, (a) 1,000 gallons, (b) 3,600 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Colonel Colfox.**—Supplies part of parish of Symondsburry (Bridport R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs and wells at Symondsburry. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Intermittent.  
*Quality of Water.*—Pure.

**H. K. Colville, Esq.**—Supplies part of parish of Loders (Bridport R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Loscombe Bottom and Boarsbarrow Hill. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Intermittent.  
*Quality of Water.*—Good.

**Lord Digby.**—Supplies part of parish of Minterne Magna (Cerne R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Three springs from Greensand at Minterne Magna. Yield not known.  
*Works.*—No filtration. Reservoirs, two at Minterne Magna, 40,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Excellent.

**Col. the Hon. E. Digby.**—Supplies parts of parishes of Wootton Glanville (Cerne R.D.), and Holwell (Sherborne R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Well in Chalk, White Hill, Wootton Glanville. The average daily quantity of water available is 3,500 gallons.  
*Works.*—No filtration. Reservoir at White Hill, 14,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.  
*Quality of Water.*—Very good.

**Sir R. G. Glyn, Bart.**—Supplies part of parish of Fontmell Magna (Shaftesbury R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring at Fontmell Magna. Yield not known.  
*Works.*—Part of the water is filtered. Reservoir at Fontmell Magna, 1,000 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good.

**Sir E. A. Hambro.**—Supplies parts of parishes of (1) Hilton, (2) Milton Abbas, (3) Winterborne Clenston, and Winterborne Stickland (Blandford R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Springs from sand at Higher Hilton Farm; (2) Springs from Chalk at Milton Abbas; (3) Springs from Chalk at Houghton. The average daily quantity of water available from (2) is 5,000 gallons. Yield of (1) and (3) not known.  
*Works.*—No filtration. Reservoirs:—(1) Hilton, 10,000 gallons; (2) near Milton, 7,500 gallons; (3) two at Stickland and one at Winterborne Clenston, capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, but hard.

**E. S. Hindley, Esq.**—Supplies part of parish of Bourton (Shaftesbury R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring from Greensand, The Mount, Bourton. The average daily quantity of water obtained is 5,000 gallons, and a further 9,000 gallons per day could be obtained.  
*Works.*—No filtration. Reservoir at Bourton, 600 gallons.  
*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.  
*Quality of Water.*—Good.



**Earl of Ilchester.**—Supplies parishes of (1) Melbury Osmond (Beaminster R.D.), Stockwood (Sherborne R.D.), and (2) Abbotsbury (Weymouth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk: (1) Stockwood, (2) Abbotsbury. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Stockwood, (2) Stoney Lane, Abbotsbury, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Kington Magna Property Owners.**—Supply part of parish of Kington Magna (Shaftesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Mitchell's Well; (2) Curdell Spring.

The average daily quantity of water available from each source is, respectively, (1) 4,000 gallons; (2) 7,000 gallons.

*Works.*—No filtration. Reservoirs, two at Kington Magna 2,400 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (2nd September 1911) that the water is suitable for drinking. Hardness not known. No action on lead.

**A. Douglas Pass, Esq.**—Supplies part of parish of Wootton Fitzpaine (Bridport R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Wootton Fitzpaine. The average daily quantity of water obtained is 700 gallons.

*Works.*—No filtration. Reservoir at Wootton Fitzpaine, 8,750 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Col. Mansel Pleydell.**—Supplies parts of parishes of Winterborne Clenston and Winterborne Whitchurch (Blandford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Houghton. Yield not known.

*Works.*—Water is filtered. Reservoir at Clenston, 7,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good, and soft.

**Portisham Parish Council.**—Supplies parish of Portisham (Weymouth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Portisham. Yield not known.

*Works.*—No filtration. Reservoir, tank at Portisham, 200 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

**Viscount Portman.**—Supplies parts of parishes of (1) Bryanston, (2) Durweston, Winterborne Stickland (Blandford R.D.); (3) Shillingstone (Sturminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Stour, intake in Bryanston; (2) Artesian boring in Chalk, Folly Hill, Durweston; (3) Spring from Chalk, White Pit, Shillingstone Hill. Yield not known.

*Works.*—Water from (1) only is filtered. Reservoirs:—(1) The Cliff, 1,000,000 gallons; The Gallop, 500,000 gallons; (2) Folly Hill (a) 30,000 gallons, (b) 50,000 gallons; (3) Shillingstone, 50,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—(1) Good, and soft; (2) Good; hardness, 12°; (3) Excellent.

**Pymore Mill Company, Ltd.**—Supplies parts of parishes of Allington and Bradpole (Bridport R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and springs in Allington and Bradpole. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**E. A. Sparks, Esq.**—Supplies parish of Langton Herring (Weymouth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone and clay, Wans Plantation, Langton Herring. The average daily quantity of water obtained is 2,800 gallons.

*Works.*—No filtration. Reservoirs:—Wans Plantation, 15,000 gallons; Langton Herring, 12,000 gallons.

*Quantity of Water supplied.*—Generally sufficient.

*Quality of Water.*—Good.



**Messrs. Sparks and Blake.**—Supply part of parish of Gillingham (Shaftesbury R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well at Rolls Bridge, Gillingham.  
 Yield not known.

*Works.*—No filtration. Reservoirs, two at Wyke Road; capacity not known.

*Quantity of Water supplied.*—Generally sufficient.

*Quality of Water.*—Good.

**Lord Stalbridge.**—Supplies Shaftesbury B. (part); and parts of parishes of Alcester, Cann, and Motcombe (Shaftesbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 140 feet, in Greensand, Barton Hill, Shaftesbury. The average daily quantity of water obtained is 65,000 gallons.

*Works.*—No filtration. Reservoir at Little Down, Cann, 150,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 65,000 gallons. Supply is intermittent.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th August 1911) that the water is sufficiently pure. Hardness:—total, 14°; permanent, 8°. No action on lead.

**C. H. Stilwell, Esq.**—Supplies part of parish of Winterborne Steepleton (Dorchester R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk and Greensand, near the Steepleton Ponds. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Thorncombe Voluntary Water Committee.**—Supplies part of parish of Thorncombe (Beaminster R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Greensand, Sadborrow, Thorncombe. The average daily quantity of water obtained is 3,000 gallons.

*Works.*—No filtration. Reservoirs:—Sadborrow (a) 150 gallons, (b) 150 gallons, (c) 1,500 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**Mrs. U. B. Wallis.**—Supplies part of parish of Whitchurch Canonorum (Bridport R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Morecombe Lake. The average daily quantity of water obtained is 260 gallons, and a further 200 gallons per day could be obtained.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—The daily average is 260 gallons. Supply is constant.

*Quality of Water.*—Good.

**H. F. Weld, Esq.**—Supplies part of parish of Chideock (Bridport R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs under Langdon Hill, Quar Hill, Hardown Hill, Eype Down, in Great Orchard and Bottom Park. Yield not known.

*Works.*—No filtration. Reservoir at Silver Bridge, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**R. J. Weld, Esq.**—Supplies parishes of Chaldon Herring (part), Coombe Keynes (part), East Lulworth (part), West Lulworth, Winfrith Newburgh (part), and Wool (Wareham and Purbeck R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk at West Lulworth, Winfrith Newburgh, and Wool. Yield not known.

*Works.*—No filtration. Reservoir at West Lulworth, 120,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**M. Scott Williams, Esq.**—Supplies parish of Woolland (Sturminster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk and Greensand, Woolland. Yield not known.

*Works.*—No filtration. Reservoirs:—Two small tanks at Woolland.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.



**Lord Wimborne.**—Supplies part of parish of Canford Magna (Poole R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from white sand, Canford Heath. The average daily quantity of water obtained is 8,640 gallons.

*Works.*—Filtration, 176 gallons per square yard per day. Reservoir at Canford Heath, 128,000 gallons.

*Quantity of Water supplied.*—The daily average is 8,640 gallons. Supply is constant.

*Quality of Water.*—Good.

## DURHAM.

**Messrs. John Bowes and Partners, Ltd.**—Supply part of parish of Lamesley (Chester le Street R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Coal Measures at Kibblesworth. The average daily quantity of water available from each spring is, respectively, (1) 5,400 gallons, (2) 12,880 gallons.

*Works.*—No filtration. Reservoirs:—Lamesley, (a) 7,900 gallons, (b) 215 gallons.

*Quantity of Water supplied.*—The daily average is 6,250 gallons. Supply is constant.

*Quality of Water.*—Good.

**Messrs. Thomas Brough, Ben M. Brough, H. W. Brough, and Representatives of the late John Brough.**—Supply part of parish of Seaton with Slingley (Easington R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Magnesian Limestone, Sharpley Hall, near Seaton. The average daily quantity of water obtained is 1,500 gallons, and a further 1,500 gallons per day could be obtained.

*Works.*—No filtration. Reservoir, Sharpley Hall Tank, 4,500 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Pure.

**Earl of Durham.**—Supplies part of parish of Offerton (Houghton le Spring R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Magnesian Limestone, Penshaw Hill. The average daily quantity of water available is 5,600 gallons.

*Works.*—No filtration. Reservoirs:—Three small tanks at Offerton.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The Horden Collieries, Ltd.**—Supply parts of parishes of (1) Monk Hesledon and (2) Shotton (Easington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Magnesian Limestone at (1) Blackhall Colliery, (2) Horden Colliery. The average daily quantity of water derived from each source is, respectively, (1) 72,200 gallons; (2) 250,000 gallons; a further 400,000 gallons per day could be obtained from (1) and 500,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—(1) Blackhall Colliery, 82,500 gallons; (2) Horden Colliery, (a) 3,600 gallons, (b) 3,600 gallons, (c) 3,600 gallons.

*Quantity of Water supplied.*—The daily average is 200,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (9th November 1911) that chemically the water from Horden is satisfactory, and (18th July 1913) that from Blackhall is of recommendable purity. Hardness:—Blackhall, total 28°, permanent 10·5°; Horden, total 30·8°, permanent 11·2°. No action on lead. The Blackhall water contains sodium and magnesian chloride.

**Lambton and Hetton Collieries, Ltd.**—Supply parishes of (1) Bourn Moor, Harraton (part) (Chester le Street R.D.), Morton Grange, Newbottle (part), West Herrington (Houghton le Spring R.D.); and furnish supplies in bulk to Houghton le Spring R.D.C. from (1), and to Houghton le Spring U.D.C. from (2).

*Sources of Supply (Nature and Sufficiency).*—(1) Pumping shaft, East Herrington; (2) pumping shaft, Houghton le Spring. The average daily quantity of water derived from each source is, respectively, (1) 301,000 gallons; (2) 170,000 gallons.

*Works.*—No filtration. Reservoirs:—(1) Herrington Hill, (a) 300,000 gallons, (b) 300,000 gallons; (2) Houghton Hill East, 228,000 gallons; West, 114,000 gallons; North, 114,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average from (1) is 301,000 gallons, and from (2) 170,000 gallons. Supply is constant.



*Quality of Water.*—Occasional examination. Analyst remarks (30th December 1911) that chemically the water from (2) is satisfactory. Hardness:—(1) 30°, (2) 45°. No action on lead; (1) contains magnesia.

**North Hetton Coal Company.**—Supplies parish of Moorsley (Houghton le Spring R.D.).

*Sources of Supply (Nature and Sufficiency).*—Boring (25 feet) from limestone and sand at Moorsley. The average daily quantity of water available is 20,160 gallons.

*Works.*—No filtration. Reservoirs:—Low Moorsley, 23,930 gallons; High Moorsley, 8,974 gallons.

*Quantity of Water supplied.*—The daily average is 4,537 gallons. Supply is constant.

*Quality of Water.*—Good.

**Messrs. Walter Scott, Ltd.**—(1) Supply parts of parishes of Cassop cum Quarrington and Coxhoe (Durham R.D.) and furnish a supply in bulk to Durham R.D.C.; (2) supply parishes of Kelloe, Wingate (part) (Easington R.D.), and Trimdon (Sedgfield R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in limestone at Trimdon Grange; (2), (a) pumping shaft from red sandstone below Magnesian Limestone at Trimdon Grange, (b) pumping shaft at Trimdon Colliery. The average daily quantity of water derived from each source is, respectively, (1) 245,800 gallons; (2) (a) 119,520 gallons, (b) 96,480 gallons; a further 216,000 gallons per day could be obtained from (1), 30,000 gallons from (2) (a), and 264,000 gallons from (2) (b).

*Works.*—No filtration. Reservoirs:—(1) Quarrington Hill, tanks, (a) 6,750 gallons, (b) 6,750 gallons, (c) 6,750 gallons; (2) tanks at Trimdon Grange, 10,000 gallons; Trimdon, 5,000 gallons; Deaf Hill, 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is (1) 108,000 gallons; quantity in bulk not known; (2) 216,000 gallons. Supply is constant.

*Quality of Water.*—Good, but hard. No action on lead.

**The Master and Governors of Sherburn Hospital.**—Supply parts of parishes of Sherburn House, Shindcliffe, and Whitwell House (Durham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from limestone, at Old Cassop. The average daily quantity of water obtained is 3,600 gallons, and a further 1,200 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Cassop (six), 5,375 gallons each; and (two), 2,269 gallons each.

*Quantity of Water supplied.*—The daily average is 3,600 gallons. Supply is constant.

*Quality of Water.*—Wholesome.

**South Hetton Coal Company, Ltd.**—Supplies part of parish of Haswell (Easington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Pumping shaft from limestone at South Hetton. The average daily quantity of water available is 1,500 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Hard; of great purity bacterially.

**The Steetley Lime Company.**—Supplies part of parish of Coxhoe (Durham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Magnesian Limestone at Quarrington Hill. The average daily quantity of water available is 6,120 gallons.

*Works.*—No filtration. Reservoirs:—West House Farm, 2,500 gallons; Joint Stock Farm, 2,500 gallons; Pescott Hall Farm, 1,200 gallons; Quarrington Hill, 3,500 gallons.

*Quantity of Water supplied.*—The daily average is 500 gallons. Supply is constant.

*Quality of Water.*—Wholesome.

**Weardale Steel, Coal and Coke Company, Ltd.**—Supplies parts of parishes of (1) Shadforth (Durham R.D.); (2) Thornley and Wingate (Easington R.D.), and furnishes a supply in bulk to Easington R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Wells in Magnesian Limestone, (1) Ludworth Colliery; (2) Thornley Colliery. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Tanks at Ludworth Colliery, 35,000 gallons; (2) tanks at Thornley and High Wheatley Hill, capacity not known. (2) Pressure is sufficient.

*Quantity of Water supplied.*—(1) The daily average is 4,000 gallons—supply is constant; (2) ample, and 22,100 gallons per day in bulk.

*Quality of Water.*—Wholesome—occasional examination. Hardness, 24°. No action on lead; contains calcium and magnesium salts.



## ELY, ISLE OF.

**Thorney Drainage Board.**—Supplies part of parish of Thorney (Thorney R.D.).

*Powers.*—Thorney Drainage Act, 1911.

*Limits.*—Part of parish of Thorney (Thorney R.D.).

*Source of Supply (Nature and Sufficiency).*—River Nene, intake at "Dog in the Doublet" sluice,  $3\frac{1}{2}$  miles from Thorney. Yield not known.

*Works.*—Water is filtered. Reservoir, tower at Thorney, 8,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 14,000 gallons. Supply is constant.

*Quality of Water.*—Fair—half yearly examination. Hardness, 22°. No action on lead.

## ESSEX.

**Messrs. E. H. Bentall & Co., Ltd.**—Supply part of parish of Heybridge (Maldon R.D.), and furnish a supply in bulk to Maldon R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two wells and bore holes, 125 feet. Heybridge. The average daily quantity of water available is 18,000 gallons.

*Works.*—No filtration. Reservoir:—Heybridge, 11,000 gallons.

*Quantity of Water supplied.*—The daily average is 11,000 gallons; quantity in bulk not known. Supply is constant.

*Quality of Water.*—Good.

**Messrs. R. Hunt & Co., Ltd.**†—Supply part of parish of Earl's Colne (Halstead R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Earl's Colne. The average daily quantity of water obtained is 60,000 gallons.

*Works.*—No filtration. Reservoir at Atlas Works, 14,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**C. Sebag Montefiore, Esq.**—Supplies part of parish of Stisted (Braintree R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Chalk, at Stisted. Yield not known.

*Works.*—No filtration. Reservoirs:—Stisted, (a) 30,000 gallons, (b) 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord O'Hagan.**—Supplies part of parish of Stapleford Abbots (Ongar R.D.).

*Sources of Supply (Nature and Sufficiency).*—Artesian well, 665 feet, in chalk, Pyrgo Park, Havering atte Bower. The average daily quantity of water available is 3,000 gallons.

*Works.*—No filtration. Reservoirs at Pyrgo Park, 8,338 gallons.

*Quantity of Water supplied.*—The daily average is 250 gallons. Supply is constant.

*Quality of Water.*—Good.

**Terling Parish Council.**—Supplies part of parish of Terling (Braintree R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from gravel over London Clay, at Terling. The average daily quantity of water derived from each spring is, respectively (1) 7,500 gallons and (2) 1,200 gallons; a further 3,500 gallons per day could be obtained from (1), and 1,800 gallons from (2).

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 8,700 gallons. Supply is intermittent.

*Quality of Water.*—Good.

**Messrs. Ward, & Son.**®—Supply part of parish of Foxearth (Belchamp R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well at Foxearth. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

† This supply is about to be discontinued, and one furnished by Halstead R.D.C.



## GLOUCESTERSHIRE.

**Executors of the late William Adam.**—Supply parish of Buckland (Winchcomb R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on North Cotswold Hills. Yield not known.

*Works.*—No filtration. Reservoirs:—Laverton Hill, 2,500 gallons; Buckland, 2,500 gallons.

*Quantity of Water supplied.*—The daily average is 12,960 gallons. Supply is constant.

*Quality of Water.*—Pure.

**Alderley Private Subscription Supply.**—Supplies parish of Alderley (Chipping Sodbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring near Monks Mill. Yield not known.

*Works.*—No filtration. Reservoir, tank at Alderley, 11,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Alvington Parish Council.**—Supplies part of parish of Alvington (Lydney R.D.).

*Sources of Supply (Nature and Sufficiency).*—Cone Brook, intake at Beanhills. The average daily quantity of water obtained is 1,800 gallons, and a further 500 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoir at Duncastle Farm, 5,500 gallons.

*Quantity of Water supplied.*—The daily average is 1,800 gallons. Supply is constant.

*Quality of Water.*—Good.

**Avening Parish Council.**—Supplies part of parish of Avening (Tetbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Longmans, Avening. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory.

**Aylburton Water Supply Committee.**—Supplies part of parish of Aylburton (Lydney R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from limestone, Berryfields, Lodge Lane, Aylburton. The average daily quantity of water obtained is 3,000 gallons, and a further 37,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**R. R. Barker, Esq.**—Supplies part of parish of Fairford (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from limestone, Fairford Mill. The average daily quantity of water obtained is 34,000 gallons, but an unlimited supply could be obtained.

*Works.*—No filtration. Reservoirs:—Fairford, 20,000 gallons, Milton End Farm, 3,000 gallons; Park House, 4,000 gallons; Manor Farm, 1,400 gallons; Leafield Farm, 1,000 gallons; Far Hill Farm, 1,000 gallons.

*Quantity of Water supplied.*—The daily average is 34,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Rev. T. E. M. Barrow.**—Supplies parish of Randwick (Stroud R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Inferior Oolite, at Randwick. The average daily quantity of water obtained is 1,500 gallons.

*Works.*—No filtration. Reservoirs, six tanks at Randwick, 1,650 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Earl Bathurst.**—Supplies parts of parishes of (1) North Cerney and (2) Sapperton (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite and Fuller's Earth at (1) North Cerney and Perrott's Brook; (2) Sapperton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—(1) Good, (2) very good, but rather hard.



**Trustees of the late G. S. Bazley.**—Supply (1) parish of Hatherop; and (2) part of parish of Quenington (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Artesian well, at the Grandage; (2) Spring at South Farm. Yield not known, but an unlimited supply could be obtained from (1).

*Works.*—No filtration. Reservoirs:—Quenington Farm Buildings, Castle (four), Glebe Farm (two), Dean Farm (three), Home Farm, Barrow Elm Farm, Homelease Farm, South Farm; capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**The Hon. M. H. Hicks-Beach, M.P.**—Supplies part of parish of Quenington (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Stream at Coln St. Aldwyn. Yield not known.

*Works.*—Water is filtered. Reservoirs; underground tanks at (a) Coln St. Aldwyn, (b) Quenington, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**W. F. Hicks-Beach, Esq.**—Supplies part of parish of Great Witcombe (Cheltenham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite, at Great Witcombe. Yield not known.

*Works.*—No filtration. Reservoir, small tanks at Great Witcombe.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but rather hard.

**Bedminster, Easton, Kingswood, and Parkfield Collieries, Ltd.**—Supply part of parish of Pucklechurch (Chipping Sodbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Oolite in pit shaft, Parkfield Colliery. The average daily quantity of water obtained is 40,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Biddulph.**—Supplies parishes of Coates (part); Pool Keynes and Rodmarton (part) (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Oakwell. Yield not known.

*Works.*—No filtration. Reservoirs:—Pool Keynes, 1,000 gallons; Tarlton, Rodmarton, 6,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Capt. R. Brassey.**—Supplies part of parish of Upper Slaughter (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite, Aston Brook. Yield not known.

*Works.*—No filtration. Reservoirs.—Upper Slaughter (a) 10,000 gallons, (b) 2,000 gallons.

*Quantity of Water supplied.*—The daily average is 6,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Capt. Butler.**—Supplies part of parish of Wyck Rissington (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Oolitic formation on clay subsoil, Wyck Hill; (2) Spring, Holly Hill, Wyck Rissington; (3) Spring from gravel, Heath Hill, Stow on the Wold. The average daily quantity of water derived from each source is, respectively, (1) 1,250 gallons; (2) 2,000 gallons; (3) 1,000 gallons.

*Works.*—No filtration. Reservoirs:—Wyck Hill (a) 5,000 gallons, (b) 30,000 gallons; Tanks at Heath Hill Farm, 1,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Messrs. R. J. and M. Calcutt, (Trustees).**—Supply part of parish of Avening (Tetbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Avening. Yield not known.

*Works.*—No filtration. Reservoir at Avening, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.



**Corpus Christi College, Oxford.**—Supplies parts of parishes of (1) Daglingworth (Cirencester R.D.); (2) Temple Guiting (Winchcomb R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Oolite formation, Duntisbourne Rouse; (2) Springs from Midford Sand and Oolites, at Temple Guiting. Yield not known.

*Works.*—No filtration. Reservoir at Temple Guiting, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent, but hard.

**T. Crewdson, Esq.**—Supplies parish of Syde (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Oolite, Syde. The average daily quantity of water obtained is 5,000 gallons.

*Works.*—No filtration. Reservoirs; tanks at Syde, (a) 1,000 gallons, (b) 1,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**F. W. B. Cripps, Esq.**—Supplies part of parish of Ampney Crucis (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from limestone, Ampney Crucis. Yield not known.

*Works.*—No filtration. Reservoir at Ampney Park, 10,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**J. Cunard, Esq.**—Supplies part of parish of Notgrove (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite and clay at Notgrove. The average daily quantity of water available is 12,000 gallons.

*Works.*—No filtration. Reservoir at Notgrove, 30,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (25th September 1911) that the water is of satisfactory quality for drinking and domestic purposes. Hard.

**Lady Darwin and J. M. Collett, Esq.**—Supply part of parish of Brookthorpe (Wheatenhurst R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone and gravel, with gathering ground, 50 acres, Brookthorpe. Yield not known.

*Works.*—No filtration. Reservoirs:—Tank at Wynstone Place, 600 gallons; Brookthorpe, 68,360 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**J. T. Dugdale, Esq.**—Supplies parish of Sezincote (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone at Sezincote. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**H. D'Este East, Esq.**—Supplies parish of Bourton on the Hill (Campden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Bourton on the Hill. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The late Earl of Ellenborough (Court of Chancery).**—Supplies part of parish of Oxenton (Tewkesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from rock, near Oxenton. The average daily quantity of water obtained is 5,000 gallons.

*Works.*—No filtration. Reservoir at Oxenton, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**H. J. Elwes, Esq.\***—Supplies part of parish of Colesborne (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Colesborne. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**Lord Estcourt.**†—Supplies parishes of Shipton Moyne (part) (Glos.) and Long Newton (Wilts) (Tetbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in Oolite limestone, Shipton Moyne and Long Newton. The average daily quantity of water obtained is 24,000 gallons.

*Works.*—No filtration. Reservoir at Long Newton, 120,000 gallons.

*Quantity of Water supplied.*—The daily average is 24,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**M. Fenwick, Esq.**—Supplies parishes of (1) Lower Swell (part), and (2) Upper Swell (Stow on the Wold R.D.).

*Source of Supply (Nature and Sufficiency).*—Springs from Inferior Oolite, (1) Lower Swell, (2) Abbotswood House. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lord Fitzhardinge.**—Supplies parts of parishes of Berkeley and Hamfallow (Thornbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Old Red Sandstone, Hamfallow. Yield not known.

*Works.*—No filtration. Reservoirs:—Hamfallow, 50,000 gallons; Berkeley Castle, (a) 3,000 gallons, (b) 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**The Misses C. L. and G. E. George.**—Supply parish of Cherington (Tetbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Forest Marble, near Cherington. The average daily quantity of water obtained is 3,000 gallons.

*Works.*—No filtration. Reservoir at Cherington Park, 7,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Pure.

**Great Western Railway Company.**—Furnishes a supply in bulk to Lord Biddulph, who supplies part of parish of Kemble (Cirencester R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells near Kemble Station. The average daily quantity of water obtained is 2,000,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 2,890 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical and bacteriological examination. Hardness:—total, 18·4°; permanent, 5·5°. No action on lead.

**S. G. Hamilton, Esq.**—Supplies parishes of Clopton and Mickleton (part) (Campden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Marlstone over Lower Lias clay, Mickleton. The average daily quantity of water obtained is 6,000 gallons.

*Works.*—Water is filtered. Reservoir at Mickleton, 10,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Earl of Harrowby.**—Supplies parts of parishes of Aston Subedge and Weston Subedge (Pebworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Poor's Piece. The average daily quantity of water obtained is 5,660 gallons, and a further 6,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Little Rodcombe, 3,000 gallons; Poor's Piece, 200 gallons.

*Quantity of Water supplied.*—The daily average is 5,660 gallons. Supply is constant.

*Quality of Water.*—Good.

**J. H. Hewitt, Esq.**—Supplies part of parish of Maugersbury (Stow on the Wold R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Margerry Hill, near Maugersbury. Yield not known.

*Works.*—No filtration. Reservoirs:—Tanks at Maugersbury, (a) 8,000 gallons, (b) 2,600 gallons; Manor House, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

† The West Gloucestershire Water Company are under obligation to furnish a supply under their Act of 1914 and the existing sources will then be abandoned.



**Hillesley Water Supply.**—Supplies part of parish of Hawkesbury (Chipping Sodbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs, at Hillesley, Hawkesbury. The average daily quantity of water obtained from each spring is, respectively, 2,880 gallons and 1,440 gallons.

*Works.*—No filtration. Reservoirs:—Hawkesbury, (a) 2,000 gallons, (b) 4,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 4,320 gallons. Supply is constant.

*Quality of Water.*—Excellent. Moderate hardness; no action on lead.

**Lieut.-Col. Sir G. Holford.**—Supplies parishes of Shipton Moyne (part), Tetbury Upton (part), and Weston Birt with Lasborough (Tetbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite at (1) Lasborough, (2) Westonbirt. The average daily quantity of water available from each source is, respectively, (1) 10,000 gallons, (2) 29,400 gallons.

*Works.*—No filtration. Reservoir:—Charlton Down, Tetbury Upton, 1,000,000 gallons.

*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**I. Horleck, Esq.**—Supplies part of parish of Cowley (Cheltenham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Oolite, at Cowley. Yield not known.

*Works.*—No filtration. Reservoir at Cowley, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness, 25·8°.

**J. Joicey, Esq.**—Supplies parts of parishes of Meysey Hampton, and Poulton (Cirencester R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Hartwell Farm, Meysey Hampton. The average daily quantity of water obtained is 1,756 gallons, and an unlimited supply could be obtained.

*Works.*—No filtration. Reservoir at Hartwell Farm, 30,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,756 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Leigh.**—Supplies parishes of (1) Adlestrop, and (2) Longborough (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Inferior Oolite, one mile from Adlestrop; (2) Spring from Inferior Oolite, Longborough. The average daily quantity of water available from each source is, respectively (1) 7,500 gallons, (2) 100,000 gallons.

*Works.*—No filtration. Reservoir at Adlestrop, 1,620 gallons.

*Quantity of Water supplied.*—The daily average is (1) 7,500 gallons; (2) 25,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lt.-Col. J. C. Caruthers Little.**—Supplies part of parish of Pitchcombe (Stroud R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Pitchcombe. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**Magdalen College, Oxford.**—Supplies part of parish of Quinton (Campden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Upper Quinton. Yield not known.

*Works.*—Water is filtered. Reservoir at Meon Hill, 9,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

**Col. T. W. Chester-Master.**—Supplies part of parish of Baunton (Cirencester R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Perrotts Brook, Baunton. The average daily quantity of water obtained is 10,000 gallons and an unlimited supply could be obtained.

*Works.*—No filtration. Reservoirs:—Whiteway Road, 5,000 gallons; The Harebushes, 3,000 gallons; "The Sisters," 1,000 gallons; Dillies Farm, (a) 500 gallons, (b) 500 gallons; Baunton Lane, 300 gallons; Downs Farm, 100 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**Mrs. Eyres Monsell.**—Supplies parish of Dumbleton (Winchcomb R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, (1) Chair (four); (2) Bradley. The average daily quantity of water derived from each source is, respectively, (1) 17,900 gallons; (2) 5,760 gallons; a further 7,000 gallons per day could be obtained from (1), and 2,000 gallons from (2).

*Works.*—Water is filtered. Reservoirs at Dumbleton, (a) 5,000 gallons; (b) 47,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Pure.

**A. M. Streatfeild Moore, Esq.**—Supplies part of parish of Little Rissington (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from limestone, Little Rissington. Yield not known.

*Works.*—No filtration. Reservoir at Little Rissington, 6,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lord Redesdale.**—Supplies parishes of Batsford, and Lower Lemington (part) (Campden R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Lias, (1) Batsford Park; (2) Lemington. The average daily quantity of water derived from each source is, respectively, (1) 9,000 gallons, (2) 50,000 gallons.

*Works.*—No filtration. Reservoirs:—Batsford (four), 13,000 gallons; Lemington, 5,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lt.-Col. Fairfax Rhodes.**—Supplies part of parish of Charlton Abbots (Winchcomb R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Inferior Oolite at Charlton Abbots. The average daily quantity of water available is 3,500 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good, but hard.

**M. Richards, Esq.**—Supplies parish of Hawling (Winchcomb R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, New House Farm, Hawling. The average daily quantity of water obtained is 5,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Hawling, 14,500 gallons.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Pure.

**Lord Sherborne.**—Supplies part of parish of Standish (Wheatenhurst R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Oolitic formation, Standish Wood. The average daily quantity of water obtained is 3,000 gallons, and a further 50,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Standish Wood, (a) 15,000 gallons, (b) 15,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**P. S. Stott, Esq.**—Supplies parish of Stanton (Winchcomb R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Stanton Hill. The average daily quantity of water available is 1,000,000 gallons.

*Works.*—No filtration. Reservoir, Stanton Hill, 1,012,500 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Pure.

**J. H. Taylor, Esq.**—Supplies parts of parishes of Colesborne, North Cerney and Rendcomb (Cirencester R.D.).

*Source of Supply (Nature and Sufficiency).*—Springs at Marsden, Shawswell, and Green Meadow Farm. Yield not known.

*Works.*—No filtration. Reservoir at Green Meadow, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and pure.



- J. G. Villar, Esq.**—Supplies parish of Gotherington (Winchcomb R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, intercepted underground, Nottingham Hill, Gotherington. Yield not known.  
*Works.*—No filtration. Reservoir at Manor Farm, Gotherington, 6,500 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Pure.
- J. R. West, Esq.**—Supplies part of parish of Saintbury (Pebworth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring in Coombe Wood, Saintbury. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good.
- G. Lowsley-Williams, Esq.**—Supplies part of parish of Avening (Tetbury R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Well at Lowesmoor; (2) Well at Arton. The average daily quantity of water obtained from (2) is 1,500 gallons. Yield from (1) not known.  
*Works.*—No filtration. Reservoirs:—Arton, 30,000 gallons; tanks at Lowesmoor Farm, 60,000 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Satisfactory.
- M. E. R. Wingfield, Esq.**<sup>o</sup>—Supplies (1) parish of Great Barrington (Stow on the Wold R.D.) and (2) (in Oxfordshire) part of parish of Taynton (Witney R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Taynton. Yield not known.  
*Works.*—No filtration. Reservoir at Barrington Park, 10,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Satisfactory.
- Mrs. G. C. Winthrop.**—Supplies part of parish of Hidcote Bartrim (Campden R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Oolite, Hidcote Hill. The average daily quantity of water obtained is 8,000 gallons, and a further 16,000 gallons per day could be obtained.  
*Works.*—No filtration. Reservoir at Baldwyn Farm, Hidcote Hill, 8,000 gallons.  
*Quantity of Water supplied.*—The daily average is 8,000 gallons. Supply is constant.  
*Quality of Water.*—Good, but rather hard.
- Executors of the late S. W. Woods.**—Supply Newnham U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Springs from red sandstone intercepted underground, and gathering ground, 20 acres, Blaize Bailey, near Newnham. The average daily quantity of water available is 20,000 gallons.  
*Works.*—No filtration. Reservoir at Blaize Bailey, 60,000 gallons.  
*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.  
*Quality of Water.*—Excellent. No action on lead.

### HEREFORDSHIRE.

- Marquess of Abergavenny.**—Supplies part of parish of Ewyas Harold (Dore R.D.).  
*Sources of Supply (Nature and Sufficiency).*—St. Martin's Well, fed by a spring from marl subsoil on Ewyas Harold Common. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Excellent.
- F. Ballard, Esq. (Trustee of the late S. Ballard.)**—Supplies part of parish of Colwall (Ledbury R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from igneous rock in Malvern Hills. The average daily quantity of water obtained is 4,500 gallons.  
*Works.*—No filtration. Reservoir at Colwall, 80,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Excellent.

- Trustees of the late T. Blake.**—Supply Ross U.D. (part) and part of parish of Ross Rural (Ross R.D.).  
*Powers.*—Ross Water Orders, 1892 and 1898.  
*Limits.*—Ross U.D., parts of parishes of Bridstow and Ross Rural (Ross R.D.).



*Sources of Supply (Nature and Sufficiency).*—Artesian wells and borings in Old Red Sandstone, at Alton Court, Ross. The average daily quantity of water obtained is 120,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Alton Court, 400,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 120,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (7th January 1911) that chemically the water is satisfactory. Hardness, 17·8°. No action on lead.

**Mrs. Nancy Burrell.**—Supplies parts of parishes of Bodenham and Hope under Dinmore (Leominster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Risbury Mill. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Sir F. Cawley, Bart., M.P.**—Supplies part of parish of Eye, Moreton and Ashton (Leominster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from red sandstone, and wells, Ashton, Leominster. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Major A. Chambers.**—Supplies part of parish of Hatfield (Leominster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Hatfield. Yield not known.

*Works.*—No filtration. Reservoirs:—Tower at Hatfield Court, 2,000 gallons; Hatfield, 1,200 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Pure; water contains some iron.

**Trustees of the late P. Coats.**—Supply parts of parishes of Clifford and Whitney (Bredwardine R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Wye, and (2) Springs from rock at Clifford and Whitney. Yield not known.

*Works.*—Water from (1) only is filtered. Reservoirs:—Green Farm, 50,000 gallons; Ton Farm, 25,000 gallons; Whitney Court, 100,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Rev. Sir Geoffery Cornewall, Bart.\***—Supplies parts of parishes of Bredwardine, Clifford, and Dorstone (Bredwardine R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Old House. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**P. Foley, Esq.\***—Supplies parishes of Dormington (part) and Stoke Edith (Hereford R.D.), and Tarrington (part) (Ledbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring in clay and marl at Stoke Edith. Yield not known.

*Works.*—No filtration. Reservoirs:—Stoke Edith, (a) 900 gallons, (b) 1,800 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**R. G. G. Harley, Esq.**—Supplies part of parish of Brampton Bryan (Wigmore R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Ludlow Beds, Brampton Bryan Park. Yield not known.

*Works.*—Water is filtered. Reservoir at Brampton Bryan Park, 17,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**Trustees of Jarvis' Charity.**—Supply part of parish of Staunton on Wye (Weobley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well at Staunton on Wye. The average daily quantity of water obtained is 810 gallons.

*Works.*—No filtration. Reservoirs, towers at Staunton on Wye, (a) 500 gallons, (b) 300 gallons.

*Quantity of Water supplied.*—The daily average is 810 gallons. Supply is constant.

*Quality of Water.*—Good.

**C. A. Boughton Knight, Esq.**—Supplies parishes of Aston and Leinthall Starkes (Wigmore R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Aston; (2) Three springs at Leinthall. Yield not known.

*Works.*—No filtration. Reservoir at Leinthall, 1,600 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Trustees of C. J. Lilwall.**—Supply part of parish of Cusop (Bredwardine R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from red earth, intercepted underground, (1) Captin à mace, Cusop; (2) Lower Well Field; (3) Cae Cloud. The average daily quantity of water derived from each source is, respectively, (1) 11,000 gallons, (2) 7,000 gallons, (3) 8,500 gallons; a further 10,000 gallons per day could be obtained from (1), 24,000 gallons from (2), and 16,000 gallons from (3).

*Works.*—No filtration. Reservoirs:—Captin à mace, Cusop, 12,000 gallons; Well Field, 14,000 gallons; Cae Cloud, 10,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**T. P. P. Powell, Esq.**—Supplies part of parish of Dorstone (Bredwardine R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Dorstone. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Col. E. S. Lucas Scudamore.**—Supplies part of parish of Kentchurch (Dore R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Penlan Farm, Pontrilas; (2) Spring at Wild's Wood, Pontrilas. The average daily quantity of water derived from each source is, respectively, (1) 1,500 gallons, (2) 500 gallons, and a further 1,500 gallons per day could be obtained from (1).

*Works.*—Water from (1) only is filtered. Reservoirs:—Pontrilas, (a) 3,000 gallons, (b) 4,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Generally good.

**Lady Henry Somerset.**—Supplies parish of Eastnor (Ledbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Eastnor and Ledbury. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Wigmore Parish Council.**—Supplies part of parish of Wigmore (Wigmore R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Wigmore. Yield not known.

*Works.*—No filtration. Reservoir at Wigmore, 4,000 gallons.

*Quantity of Water supplied.*—Generally ample.

*Quality of Water.*—Good, but hard.

## HERTFORDSHIRE.

**A. S. Bowlby, Esq.**—Supplies part of parish of Eastwick (Ware R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from gravel, Eastwick. The average daily quantity of water obtained is 1,000 gallons, and a further 9,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Eastwick, 400 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.



**Earl Brownlow.**—Supplies parish of Little Gaddesden (Berkhampstead R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Little Gaddesden. The average daily quantity of water obtained is 80,000 gallons, and a further 112,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Ringshall, 270,000 gallons.

*Quantity of Water supplied.*—The daily average is 80,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Lord Desborough.**—Supplies part of parish of Hertingfordbury (Hertford R.D.).

*Source of Supply (Nature and Sufficiency).*—Well near River Mimram, Panshanger Park. Yield not known.

*Works.*—No filtration. Reservoir at Birch Green, 500 gallons.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Fair.

**First Garden City, Ltd.**—Supplies parishes of Letchworth and Willian (Hitchin R.D.); and furnishes a supply in bulk to Baldock U.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two bore-holes, Garden City, Letchworth. The average daily quantity of water obtained is 200,000 gallons, and a further 300,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs: Weston Hills, Weston, (a) 500,000 gallons, (b) 250,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 180,000 gallons, and 20,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (25th November 1910) that the water is suitable. Hardness:—total, 15·5°; permanent, 3·3°. No action on lead.

**Trustees of the late R. Glasspool.**—Supply part of parish of Great Amwell (Ware R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, Hailey Brickfields. The average daily quantity of water obtained is 700 gallons.

*Works.*—No filtration. Reservoir at Hailey Brickfields, 2,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Committee of Visitors, Herts County Asylum.**—Supplies part of parish of St. Peter Rural (St. Albans R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 195 feet, through clay, gravel and sand into chalk, at Hill End, St. Albans. The average daily quantity of water obtained is 35,000 gallons.

*Works.*—No filtration. Reservoir:—tower at Asylum, 37,150 gallons.

*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**J. B. Joel, Esq.**—Supplies Harpenden U.D. (part); parts of parishes of Redbourn, St. Michael Rural, and Wheathampstead (St. Albans R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in chalk at Shafford. The average daily quantity of water obtained is 30,000 gallons, and a further 55,000 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoir at Bushwood, 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 30,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**London and North Western Railway Company.**—Supplies part of parish of Aldbury (Berkhampstead R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, 40 feet, and two borings, 80 feet and 120 feet, Tring Station. Yield not known.

*Works.*—No filtration. Reservoir, near Tring Station, 28,750 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Occasional examination. Analyst remarks (6th September 1911) that chemically the water is good. Hardness, 20·8°. No action on lead.

**Earl of Lytton.**—Supplies parishes of Knebworth (Hitchin R.D.), and Welwyn (part) (Welwyn R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Knebworth. The average daily quantity of water obtained is 36,000 gallons, and a further 70,000 gallons per day could be obtained.



*Works.*—No filtration. Reservoirs :—Knebworth House, 9,000 gallons ; Knebworth, 120,000 gallons.

*Quantity of Water supplied.*—The daily average is 36,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Middlesex County Council, Napsbury Asylum.**—Supplies part of parish of St. Peter Rural (St. Albans R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, Napsbury. The average daily quantity of water obtained is 100,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 100,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**M. R. Pryor, Esq.**—Supplies parish of Weston (Hitchin R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 234 feet, in Lower Chalk, near Darnall's Hall, Weston. The average daily quantity of water obtained is 4,500 gallons, and a further 8,500 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs :—Tower at Weston, 4,000 gallons ; tank at Town Farm, 1,200 gallons.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Marquess of Salisbury.**—Supplies parts of parishes of Bishop's Hatfield (Hatfield R.D.), and St. Peter Rural (St. Albans R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two artesian wells in Chalk, at Hatfield. The average daily quantity of water derived from each source is, respectively, (1) 90,680 gallons, (2) 82,780 gallons.

*Works.*—No filtration. Reservoirs :—Hatfield, (a) 169,000 gallons, (b) 27,000 gallons.

*Quantity of Water supplied.*—The daily average is 173,460 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Earl of Verulam.**—Supplies parts of parishes of Redbourn and St. Michael Rural (St. Albans R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, fed by a spring, near Pre Mill House. Yield not known.

*Works.*—No filtration. Reservoirs :—Laverstock Green, St. Michael Rural, 25,000 gallons ; Copt Hall, Redbourn, 25,000 gallons.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

## HUNTINGDONSHIRE.

**Col. W. H. O. Duncombe.**—Supplies parts of parishes of Abbotsley, Tetworth, and Waresley (St. Neots R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sand, Tetworth Hill. The average daily quantity of water obtained is 2,000 gallons.

*Works.*—No filtration. Reservoir at Tetworth Hill, 6,850 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Col. D. J. H. Proby.**—Supplies part of parish of Elton (Oundle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from gravel bed, near Elton Mill. Yield not known.

*Works.*—No filtration. Reservoir at Greenhill, 43,200 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

## KENT.

**Guardians of the Poor, Blean Union.**—Furnish a supply in bulk to Blean R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well at workhouse, Herne. The average daily quantity of water obtained is 700 gallons, and an unlimited supply could be obtained.

*Works.*—No filtration. Reservoir, tower at Herne, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**F. D. Brockman, Esq.**—Supplies part of parish of Newington (Elham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk, one mile from Newington. The average daily quantity of water available is 16,320 gallons.

*Works.*—No filtration. Reservoir, near Newington, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,200 gallons. Supply is constant.

*Quality of Water.*—Good.

**A. F. Buxton, Esq.**—Supplies parts of parishes of Shipbourne (Malling R.D.), and Hildenborough (Tonbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lower Greensand, Wrotham. Yield not known.

*Works.*—No filtration. Reservoirs:—Wilmot Hill, (a) 36,000 gallons, (b) 15,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**W. M. Cazalet, Esq.**—Supplies part of Wrotham U.D. and part of parish of Shipbourne (Malling R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Shipbourne. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Free from organic impurity.

**Mrs. M. J. Copland.**—Supplies part of parish of Minster in Sheppey (Sheppey R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and borehole, 328 feet, through London Clay into Chalk, at Minster in Sheppey. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**F. S. W. Cornwallis, Esq.**—Supplies (1) part of parish of Linton (Maidstone R.D.), and (2) part of parish of Egerton (West Ashford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lower Greensand at (1) (a) Linton Hill and (b) Loddington; (2) Barlings Hill, Egerton. The average daily quantity of water obtained from (2) is 13,000 gallons. Yield of (1) not known.

*Works.*—Water from (1) (a) only is filtered. Reservoirs:—(1) Linton Hill, 16,000 gallons, Linton Park, (a) 35,000 gallons, (b) 40,000 gallons; (2) Barlings Hill, (a) 400 gallons, (b) 2,000 gallons.

*Quantity of Water supplied.*—(1) Adequate; (2) ample.

*Quality of Water.*—Good.

**Fordwich Water Supply Committee.**—Supplies part of parish of Fordwich (Bridge R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sand and gravel (Thanet Sands) overlying clay, Fordwich. The average daily quantity of water available is 7,200 gallons.

*Works.*—No filtration. Reservoirs:—Fordwich, (a) 750 gallons, (b) 750 gallons.

*Quantity of Water supplied.*—The daily average is 1,300 gallons. Supply is constant.

*Quality of Water.*—Good.

**Messrs. Gardner & Co., Ltd.**—Supply part of parish of Ash (Eastry R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well, 400 feet, in Chalk, at Ash Brewery. The average daily quantity of water obtained is 15,000 gallons, and a further 50,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**O. E. d'Avigdor Goldsmid, Esq.**—Supplies parts of parishes of Capel and Tonbridge Rural (Tonbridge R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from sand and clay, Tudeley; (2) Spring from white sand, Decoy pond. Yield not known.

*Works.*—Water from (2) only is filtered. Reservoirs:—Tudeley, 30,000 gallons; Tonbridge, (a) 15,000 gallons, (b) 40,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**Lord Hollenden.**—Supplies part of parish of Leigh (Sevenoaks R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Leigh. The average daily quantity of water obtained is 7,000 gallons.

*Works.*—Water is filtered. Reservoirs:—Hall Place Park, (a) 13,000 gallons, (b) 15,000 gallons, (c) 5,000 gallons, (d) 1,000 gallons.

*Quantity of Water supplied.*—The daily average is 7,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Lord Northbourne.**—Supplies parts of parishes of Betteshanger, Eastry, Ham, and Northbourne (Eastry R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, at Betteshanger. The average daily quantity of water obtained is 10,000 gallons, and a further 4,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Betteshanger, (a) 45,000 gallons, (b) 60,000 gallons.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Miss E. S. Saint.**—Supplies part of parish of Speldhurst (Tonbridge R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Speldhurst. The average daily quantity of water obtained is 4,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Messrs. Smith & Co.**—Supply part of parish of Lamberhurst (Tonbridge R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at The Brewery, Lamberhurst. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Earl Sondes.**—Supplies part of parish of Sheldwich (Faversham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk in Lees Court Park, Sheldwich. Yield not known.

*Works.*—No filtration. Reservoir at Shepherd's Hill, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**L. A. St. L. Toke, Esq.**—Supplies part of parish of Great Chart (West Ashford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Goldwell Quarry; (2) Spring at Chilmington Green. Yield not known.

*Works.*—Water from (2) only is filtered. Reservoirs:—Goldwell tanks, (a) 11,500 gallons, (b) 3,520 gallons; Chilmington, 500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Trustees of Wittersham Water Supply.**—Supply part of parish of Wittersham (Tenterden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs tapped underground, from Wealden clay, at Wittersham. The average daily quantity of water obtained is 1,800 gallons, and a further 10,200 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Wittersham, (a) 5,000 gallons, (b) 14,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,800 gallons. Supply is constant.

*Quality of Water.*—Good.

## LANCASHIRE.

**Earl of Abingdon.**—Supplies part of parish of Hapton (Burnley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Coal Measures, at Great Hameldon Hill; (2) Moorland streams, with gathering ground, 380 acres, Great Hameldon Hill. The average daily quantity of water available from (1) is 180,000 gallons; (2) is an emergency supply, yield not known.

*Works.*—No filtration. Reservoir at Cronker Wood, 1,000,000 gallons.

*Quantity of Water supplied.*—The daily average is 75,000 gallons. Supply is constant.

*Quality of Water.*—Good.



**Mrs. A. A. Ainsworth.**—Supplies Ramsbottom U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from sand, Ramsbottom. The average daily quantity of water obtained is 1,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Mrs. M. Ainsworth.**—Supplies parts of parishes of (1) Claife, and (2) Colton (Ulverston R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Wray; (2) Spring from slate, Backbarrow. The average daily quantity of water available from (1) is 3,600 gallons; yield of (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Wray, (a) 39,000 gallons, (b) 10,000 gallons, (2) Backbarrow, 4,500 gallons.

*Quantity of Water supplied.*—(1) Intermittent; (2) sufficient.

*Quality of Water.*—(1) Good, and soft; (2) satisfactory.

**R. C. Assheton, Esq.**—Supplies part of parish of Downham (Clitheroe R.D.), and furnishes a supply in bulk to Clitheroe R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs from grit, on Pendle Hill. The average daily quantity of water obtained is 50,000 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir, Downham, 12,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons and 30,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Wholesome. Hardness, 1·7° to 9·2°. No action on lead; contains traces of iron.

**Messrs. A. Barlow and Sons.**—Supply Ramsbottom U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone rock, Edenfield. The average daily quantity of water available is 3,000 gallons.

*Works.*—No filtration. Reservoir, tank at Plunge Farm, 10,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (4th August 1911) that the water is free from organic contamination, and, after filtration, excellent. Hardness, 10·6°.

**Executors of the late Mrs. Beswicke.**—Supply Littleborough U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Shore Lane Brook, intake at Ealees. The average daily quantity of water available is 3,000 gallons.

*Works.*—No filtration. Reservoir at Ealees, Littleborough, 4,700 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Col. J. E. B. Bowdon.**—Supplies part of parish of Pleasington (Blackburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit at Pleasington. Yield not known.

*Works.*—No filtration. Reservoir at Pleasington, 80,000 gallons.

*Quantity of Water supplied.*—Generally ample.

*Quality of Water.*—Good.

**British Insulated and Helsby Cables, Ltd.**—Supplies part of parish of Whiston (Whiston R.D.); and furnishes a supply in bulk to Whiston R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two boreholes, 350 feet in red sandstone, at Holt Lane Quarry, Whiston. The average daily quantity of water obtained is 160,000 gallons.

*Works.*—No filtration. Reservoirs, tanks at Holt Lane, 60,000 gallons.

*Quantity of Water supplied.*—The daily average is 110,000 gallons and 50,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness, 14°. No action on lead.

**W. Fitzherbert Brockholes, Esq.**—Supplies part of parish of Cloughton (Garstang R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Cloughton on Brock. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**H. Brocklebank, Esq.**—Supplies parts of parishes of Hawkshead and Satterthwaite (Ulverston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and streams from upland surfaces:—(1) Grizedale; (2) Satterthwaite; (3) Hawkshead. The average daily quantity of water available from each source is, respectively, (1) 30,800 gallons, (2) 12,000 gallons, (3) 8,400 gallons.

*Works.*—Part of the water is filtered. Reservoirs:—Grizedale (a) 1,500 gallons, (b) 26,000 gallons, (c) 800 gallons, (d) 200 gallons; Satterthwaite, (a) 1,500 gallons, (b) 300 gallons, (c) 300 gallons; Hawkshead (a) 12,000 gallons, (b) 26,000 gallons, (c) 800 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**The Calico Printers' Association, Ltd.**—Supplies part of parish of Wiswell (Clitheroe R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Barrow. Yield not known.

*Works.*—No filtration. Reservoir at Barrow; capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lord Richard F. Cavendish.**—Supplies part of parish of Lower Holker (Ulverston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Holker Bank. Yield not known.

*Works.*—Water is filtered. Reservoirs:—Holker Bank, 100,000 gallons; tanks at Holker Bank, (a) 80,000 gallons, (b) 8,000 gallons, (c) 28,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Claughton Manor Brick Company, Ltd.**—Supplies part of parish of Claughton (Lunesdale R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from grits and shales, Claughton. The average daily quantity of water obtained is 34,000 gallons.

*Works.*—No filtration. Reservoir at West End, Claughton, 100,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Messrs. E. Clegg and Son, Ltd.**—Supply Littleborough U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous formation at Higher and Lower Shore. Yield not known.

*Works.*—Filtration at Lower Shore only. Reservoirs:—Lower Shore, 70,000 gallons; tank at Higher Shore, 5,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**J. Coward, Esq.**—Supplies part of parish of Colton (Ulverston R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Colton. Yield not known.

*Works.*—No filtration. Reservoir, tank at Colton, 13,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Executors of W. Cragg, and F. Pearson, Esq.**—Supply part of parish of Arkholme with Cawood (Lunesdale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Arkholme with Cawood. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**S. H. Dawson, Esq.**—Supplies part of parish of Reedley Hallows (Burnley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Reedley Hallows. Yield not known.

*Works.*—Water is filtered. Reservoir, tank at Reedley Hallows, 590 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Excellent.

**Earl of Derby.**—Supplies parts of parishes of Chipping and Thornley with Wheatley (Clitheroe R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from grit on Longridge Fell. Yield not known.



*Works.*—No filtration. Reservoir at Whitefold, 30,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Messrs. G. and R. Dewhurst, Ltd.**—Supply part of parish of Farington (Preston R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Farington. The average daily quantity of water obtained is 7,000 gallons.  
*Works.*—No filtration. Reservoir, tower at Farington, 10,000 gallons.  
*Quantity of Water supplied.*—The daily average is 6,500 gallons. Supply is constant.  
*Quality of Water.*—Good.

**Messrs. J. and W. Eccles.**—Supply Trawden U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Spring from sandstone at Winewall, Trawden. Yield not known.  
*Works.*—No filtration. Reservoir at Winewall, capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**T. B. Ecroyd, Esq.**—Supplies Nelson B. (part).  
*Source of Supply (Nature and Sufficiency).*—Artesian well in Lower Coal Measures, Nelson. The average daily quantity of water obtained is 6,000 gallons, and a further 2,000 gallons per day could be obtained.  
*Works.*—No filtration. Reservoirs:—Tanks in Lomeshaye Meadow, (a) 2,000 gallons, (b) 1,500 gallons; Lomeshaye Road, 3,000 gallons.  
*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.  
*Quality of Water.*—Very good.

**A. Thornber Ellis, Esq.**—Supplies Trawden U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Spring from rock at Wanless Farm, Trawden. Yield not known.  
*Works.*—No filtration. Reservoir, tank at Wanless Farm, capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Excellent.

**Messrs. Richd. Evans & Co., Ltd.**—Furnish an occasional supply in bulk to Haydock U.D.C.  
*Source of Supply (Nature and Sufficiency).*—Well in New Red Sandstone, Lyme Pits, Haydock. The average daily quantity of water obtained is 90,000 gallons, and a further 720,000 gallons per day could be obtained.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Emergency supply.  
*Quality of Water.*—Good. Hardness, 5·57°. No action on lead.

**Sir W. H. Feilden, Bart.**—Supplies parts of parishes of Livesey and Pleasington (Blackburn R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit and upland surfaces at Withnell. Yield not known.  
*Works.*—No filtration. Reservoir at Withnell, 4,150,560 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**R. K. Fenton, Esq.**—Supplies parts of parishes of (1) Aighton Bailey and Chaigley (Clitheroe R.D.); and (2) Dutton and Ribchester (Preston R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring on Crawshaw Farm; (2) Moorland springs and gathering ground, 400 acres, Gannow Fell. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**H. N. Ffarington, Esq.**—Supplies Leyland U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Leyland. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.



**R. Fort, Esq.**—Supplies part of parish of Sabden (Burnley R.D.).  
*Source of Supply (Nature and Sufficiency).*—"Read Well" supplied by a spring, Black Hill, Sabden. The average daily quantity of water obtained is 97,920 gallons.  
*Works.*—No filtration. Reservoir at Sabden, 800,000 gallons.  
*Quantity of Water supplied.*—Plentiful.  
*Quality of Water.*—Good.

**Trustees of the late Col. Foster.**—Supply parts of parishes of Hornby with Farleton and Wray with Botton (Lunesdale R.D.).  
*Source of Supply (Nature and Sufficiency).*—River Roeburn, about  $1\frac{1}{2}$  miles above Wray. Yield not known.  
*Works.*—Water is filtered. Reservoirs:—Backsbottom, Wray, (a) 110,000 gallons, (b) 15,500 gallons, (c) 15,500 gallons; and tank, 25,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**H. Garnett, Esq.**—Supplies part of parish of Ellel (Lancaster R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Croft Height Farm, Ellel. The average daily quantity of water available is 1,000 gallons.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**N. Garnett, Esq.**—Supplies part of parish of Hawkshead (Ulverston R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Hawkshead. Yield not known.  
*Works.*—No filtration. Reservoir, small tank at Hawkshead.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Pure.

**Greenbank Estate Company, Ltd.**—Supplies Rawtenstall B. (part).  
*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Rawtenstall. Yield not known.  
*Works.*—No filtration. Reservoirs:—Rawtenstall, (a) 1,500,000 gallons, (b) 250,000 gallons.  
*Quantity of Water supplied.*—The daily average is 28,000 gallons. Supply is constant.  
*Quality of Water.*—Good, and soft.

**Messrs. Joshua Hoyle and Sons, Ltd.**—Supply Ramsbottom U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Well at Brooksbottum. The average daily quantity of water obtained is 25,000 gallons, and a further 25,000 gallons per day could be obtained.  
*Works.*—Mechanical filters. Reservoir:—Crag Farm, Summerseat, 40,000 gallons.  
*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.  
*Quality of Water.*—Good.

**Kays Trustees.**—Supply Ramsbottom U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone, with gathering ground, above Ramsbottom. The average daily quantity of water available is 40,000 gallons.  
*Works.*—Water is filtered. Reservoir near Bury Road, 638,540 gallons.  
*Quantity of Water supplied.*—The daily average is 600 gallons. Supply is constant.  
*Quality of Water.*—Good, and soft.

**Laund Estate Company.**—Supplies Rawtenstall B. (part).  
*Sources of Supply (Nature and Sufficiency).*—Well and spring from shale, at Rawtenstall. Yield not known.  
*Works.*—Part of the water is filtered. Reservoirs:—Two at Rawtenstall, 1,000,000 gallons each.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, and soft.

**C. H. Lomax, Esq.**—Supplies Littleborough U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Spring from Lower Coal Measures, Heights Farm, Littleborough. The average daily quantity of water obtained is 3,000 gallons.  
*Works.*—No filtration. Reservoir at Higher Townhouse, 9,300 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Remarkably pure.



**Executors of the late S. Longworth.**—Supply parts of parishes of Whalley and Wiswell (Clitheroe R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone and limestone, and upland gathering ground, 200 acres, in Whalley and Wiswell. Yield not known.

*Works.*—Upland water only is filtered. Reservoirs:—Two at Whalley, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lowwood Gunpowder Company.**—Supplies part of parish of Upper Holker (Ulverston R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Lake and upland surfaces, Bigland Hill; (2) Well, Bigland Hill. Yield not known.

*Works.*—Water is filtered. Reservoirs:—Bigland Hill, (a) 2,700 gallons, (b) 420 gallons, (c) 150 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Messrs. Adam Mason and Sons.**—Furnish a supply in bulk to Horwich U.D.C. (see page 67).

*Source of Supply (Nature and Sufficiency).*—Pumping shaft, 390 feet, in Millstone Grit, Montcliffe, Horwich. The average daily quantity of water obtained is 130,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 130,000 gallons.

*Quality of Water.*—Satisfactory—occasional examination.

**Newchurch Spinning and Weaving Company, Ltd.**—Supplies Rawtenstall B. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from shale at Rawtenstall. Yield not known.

*Works.*—No filtration. Reservoir at Cloughfold, 1,500,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft.

**R. Nuttall, Esq.**—Supplies Ramsbottom U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from shale, and upland gathering ground, 20 acres, Heycrofts. The average daily quantity of water obtained is 2,500 gallons, and a further 5,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Heycrofts Hill, 15,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**P. Ormrod, Esq.**—Supplies part of parish of Nether Wyresdale (Garstang R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Shyl Wood. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**A. T. Porritt, Esq.**—Supplies Ramsbottom U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from rock, near Ox-Hey Wood; (2) Spring from rock, Holcombe Hill, Buckden. The average daily quantity of water available from each source is, respectively, (1) 25,000 gallons, (2) 180,000 gallons.

*Works.*—No filtration. Reservoirs:—Ox-Hey Wood, 300 gallons; Buckden Meadow, 15,000 gallons.

*Quantity of Water supplied.*—The daily average is 6,600 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**T. Robinson, Esq.**—Supplies Trawden U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs in Lodge Holme and Lodge Holme Meadow. Yield not known.

*Works.*—No filtration. Reservoirs:—Lodge Holme and Lodge Holme Meadow; capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**J. L. Rushton, Esq.**—Supplies part of parish of Barnacre with Bonds (Garstang R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from gravelly subsoil over rock, at Barnacre. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but rather hard.



**Executors of the late William Sager.**—Supply Littleborough U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Littleborough. The average daily quantity of water obtained is 10,392 gallons.

*Works.*—No filtration. Reservoir at Whitelees, Littleborough, 3,031 gallons.

*Quantity of Water supplied.*—The daily average is 10,392 gallons. Supply is constant.

*Quality of Water.*—Good.

**G. H. Sandys, Esq.**—Supplies parts of parishes of Claife and Satterthwaite (Ulverston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Satterthwaite. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Earl of Sefton.**—Supplies part of parish of Over Wyresdale (Lancaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Wellbrook Fell, Over Wyresdale. Yield not known.

*Works.*—No filtration. Reservoirs:—Over Wyresdale (a) 30,000 gallons, (b) 20,000 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Trustees of the late Earl of Stamford and Warrington.**—Supply part of parish of Hartshead (Limehurst R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone (Lower Coal Measures), Hazlehurst. Yield not known.

*Works.*—No filtration. Reservoirs:—Hazlehurst (a) 5,000 gallons, (b) tank 6,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**E. A. le G. Starkie, Esq.**—Supplies part of parish of Pendleton (Clitheroe R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Yoredale Grits, on Mearley Moor, Pendle Hill. Yield not known.

*Works.*—No filtration. Reservoir at Pendleton Hall, 4,700 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sunnyside Estate Company**—Supplies Rawtenstall B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Crawshawbooth, Rawtenstall. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft.

**Messrs. R. Trafford & Co., Ltd.**—Supply part of parish of Blacko (Burnley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone in Blacko Hill. The average daily quantity of water available is 60,000 gallons.

*Works.*—No filtration. Reservoir at Blacko Hill, 8,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Turn Manufacturing Company, Ltd.**—Supplies part of parish of Walmersley cum Shuttleworth (Bury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from shale, Scout Corner. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Messrs. J. Whittaker and Son.**—Supply part of parish of Walmersley cum Shuttleworth (Bury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit, at Walmersley cum Shuttleworth. Yield not known.

*Works.*—No filtration. Reservoir, tank at Walmersley cum Shuttleworth, capacity not known.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Excellent.



**Mrs. M. Wild.**—Supplies Ramsbottom U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Holcombe. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Wilpshire Golf Club, Ltd.**—Supplies parts of parishes of Clayton le Dale and Wilpshire (Blackburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from black shale, Pyethorne, Wilpshire. Yield not known.

*Works.*—No filtration. Reservoirs:—Pyethorne (a) 595,000 gallons, (b) 875,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

### LEICESTERSHIRE.

**Croft Granite, Brick, and Concrete Company, Ltd.**—Supplies part of parish of Croft (Blaby R.D.).

*Powers.*—Croft (Leicestershire) Water Order, 1902.

*Limits.*—Parish of Croft (Blaby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in granite quarry, Quarry Bottom. The average daily quantity of water obtained is 100,000 gallons.

*Works.*—Water is filtered. Reservoir at Croft, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory. No action on lead.

**Moiria Colliery Company.** See Derbyshire.

**Capt. E. C. Packe.**—Supplies part of parish of Glen Magna (Billesdon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells at Glen Magna. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Fair.

**Stathern Parish Council.**—Supplies part of parish of Stathern (Melton Mowbray R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Tofts Hill, Stathern. Yield not known.

*Works.*—No filtration. Reservoir at Tofts Hill, 12,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Countess of Warwick.**—Supplies part of parish of Thornton (Market Bosworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Keuper Sandstone, Bagworth. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The Hon. Sir R. R. Tyrerwhitt Wilson, Bart.**—Supplies part of parish of Tugby (Billesdon R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Tugby. Yield not known.

*Works.*—No filtration. Reservoir in Middle Park, near Tugby, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

### LINCOLNSHIRE (PARTS OF HOLLAND).

Nil.

### LINCOLNSHIRE (PARTS OF KESTIVEN).

**Earl of Ancaster.**—Supplies part of parish of Swinstead (Bourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Swinstead.

The average daily quantity of water obtained is 1,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.



**The Governors of Browne's Hospital.**—Supply part of parish of Swayfield (Bourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 12 feet, The Church, Swayfield. The average daily quantity of water obtained is 350 gallons, and a further 2,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs, three tanks at Swayfield, 2,000 gallons.

*Quantity of Water supplied.*—The daily average is 350 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Earl Brownlow.**—Supplies parishes of Hough on the Hill (part), Londonthorpe (part), and Normanton (Grantham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs. Yield not known.

*Works.*—No filtration. Reservoirs, tanks at Hough on the Hill, Londonthorpe, and Normanton; capacity not known.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Sir M. A. R. Cholmeley, Bart.**—Supplies parishes of (1) Burton Coggles, (2) Easton (Grantham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone: (1)  $1\frac{1}{2}$  miles from Burton Coggles; (2) near Easton. The average daily quantity of water derived from each source is, respectively, (1) 6,000 gallons, (2) 12,000 gallons.

*Works.*—No filtration. Reservoirs:—(1) Burton Coggles, 5,000 gallons; (2) Easton, 41,850 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Earl of Dysart.**—Supplies part of parish of Colsterworth (Grantham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone in Stainley. Yield not known.

*Works.*—No filtration. Reservoir, tank at Colsterworth, 1,000 gallons.

*Quantity of Water supplied.*—Fair.

*Quality of Water.*—Satisfactory.

**Marquess of Exeter.**—Supplies Stamford B. (part); and (in the Soke of Peterborough) parishes of Stamford Baron St. Martin's Without, and Wothorpe (part) (Barnack R.D.).

*Powers.*—Stamford Water Acts, 1837 and 1877.

*Limits.*—Stamford B.; parishes of Stamford Baron St. Martin's Without and Wothorpe (Barnack R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lincolnshire Limestone; (1) Wothorpe; (2) Charcoal Hollow and Bone Mill (within  $3\frac{1}{2}$  miles of Stamford). The average daily quantity of water available from each source is, respectively, (1) 80,575 gallons; (2) 213,876 gallons.

*Works.*—No filtration. Reservoirs:—Burghley High Park, (a) 100,000 gallons, (b) 50,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 171,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (8th December 1913) that (1) is water of great purity, and (2) is a good potable water. Hardness:—(1) total,  $28^{\circ}$ ; permanent,  $12^{\circ}$ ; (2) total,  $24.4^{\circ}$ ; permanent,  $8^{\circ}$ . No action on lead.

**W. V. R. Fane, Esq.**—Supplies part of parish of Fulbeck (Claypole R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Oolite, Holywell, Fulbeck. Yield not known.

*Works.*—No filtration. Reservoir at Holywell, 10,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**The Hon. Mrs. M. Gifford.**—Supplies part of parish of Boothby Pagnell (Grantham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Boothby. The average daily quantity of water obtained is 4,000 gallons.

*Works.*—No filtration. Reservoir at Boothby, 10,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Pure.



**Col. J. Wolrige-Gordon.**—Supplies part of parish of Irnham (Bourne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) from gravel; (2) from rock, near Irnham. Yield not known.

*Works.*—No filtration. Reservoirs:—The Park, 10,000 gallons; Irnham, (a) 2,000 gallons, (b) capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**R. Heathcote, Esq.**—Supplies part of parish of Castle Bytham (Bourne R.D.) and furnishes a supply in bulk to Bourne R.D.C.

*Source of Supply (Nature and Sufficiency).*—Spring from limestone at Castle Bytham. Yield not known.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Trustees of the late C. E. Marfleet.**—Supply parish of Boothby Graffoe (Branston R.D.).

*Source of Supply (Nature and Sufficiency).*—Boring, 182 feet to Lincolnshire Limestone, Boothby Graffoe. The average daily quantity of water obtained is 3,000 gallons, and a further 6,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Boothby Graffoe, 30,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Market Deeping Water Supply.**—Supplies part of parish of Market Deeping (Bourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian bore, 121 feet, in Lincolnshire Limestone at Market Deeping. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness, 8°. Saline.

**Lord Middleton.**—Supplies parish of Stapleford (Claypole R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Stapleford. Yield not known.

*Works.*—No filtration. Reservoir at Stapleford, 9,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Ropsley Parish Council.**—Supplies part of parish of Ropsley (Grantham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Ropsley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Skillington Parish Council.**—Supplies parish of Skillington (Grantham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from ironstone,  $\frac{3}{4}$  mile from Skillington. The average daily quantity of water obtained is 2,100 gallons.

*Works.*—No filtration. Reservoir at Skillington, 2,200 gallons.

*Quantity of Water supplied.*—The daily average is 2,100 gallons. Supply is constant.

*Quality of Water.*—Good.

**The Governors of Sutton's Hospital in Charterhouse.**—Supply part of parish of Dunsby (Bourne R.D.).

*Source of Supply (Nature and Sufficiency).*—Bore near Dunsby Church. Yield not known.

*Works.*—No filtration. Reservoir near Dunsby Church, 11,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**E. S. Trafford, Esq.**—Supplies part of parish of Honington (Grantham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Honington; (2) Upland gathering ground, 6,650 acres, at Honington. The average daily quantity of water available from (1) is 17,280 gallons. Yield from (2) not known.

*Works.*—No filtration. Storage reservoirs:—Honington, (a) 10,000 gallons, (b) 500 gallons. Service reservoirs:—Heath Farm, 1,000 gallons; Honington, (a) 2,000 gallons, (b) 2,000 gallons, (c) 400 gallons.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Good.



**C. H. Turnor, Esq.**—Supplies part of parish of Colsterworth (Grantham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Oolitic limestone, Colsterworth. Yield not known.  
*Works.*—No filtration. Reservoir at White Lion Yard, 1,400 gallons.  
*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.  
*Quality of Water.*—Good.

**Sir C. G. E. Welby, Bart.**—Supplies parish of Braceby (Grantham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in Great Oolite Limestone, between boulder clay and Estuarine clay, Braceby. Yield not known.  
*Works.*—No filtration. Reservoir at Braceby, 18,000 gallons.  
*Quantity of Water supplied.*—Fair.  
*Quality of Water.*—Good.

**Welby Parish Council.**—Supplies parish of Welby (Grantham R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Welby. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Plentiful.  
*Quality of Water.*—Very good.

### LINCOLNSHIRE (PARTS OF LINDSEY).

**Governors of Bethlem Hospital.**—Supply part of parish of Wainfleet St. Mary (Spilsby R.D.) and furnishes a supply in bulk to Spilsby R.D.C.  
*Source of Supply (Nature and Sufficiency).*—River Steeping, near Wainfleet Hall. The average daily quantity of water obtained is 10,000 gallons, and an unlimited supply could be obtained.  
*Works.*—Water is filtered. Reservoir at Wainfleet Hall, 16,000 gallons.  
*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.  
*Quality of Water.*—Good.

**W. Bramley, Esq.**—Supplies Brigg U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Bore at Westfield, Brigg. The average daily quantity of water obtained is 2,000 gallons, and a further 4,000 gallons per day could be obtained.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.  
*Quality of Water.*—Excellent.

**Sir W. H. C. W. Cooke, Bart.**—Supplies part of parish of Ranby (Horncastle R.D.).  
*Source of Supply (Nature and Sufficiency).*—River Bain, intake at Ranby. Yield not known.  
*Works.*—Part of the water is filtered. Reservoir at Ranby Hill, 10,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.  
*Quality of Water.*—Good.

**Rev. T. G. Dixon.**—Supplies parts of parishes of Holton le Moor and Nettleton (Caistor R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from rock, Oxgangs Farm, Nettleton. The average daily quantity of water obtained is 8,000 gallons.  
*Works.*—No filtration. Reservoir at Oxgangs Farm, Nettleton, 12,000 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good.

**Col. Fenwick.**—Supplies part of parish of Stenigot (Louth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Chalk, at Stenigot. Yield not known, but the supply is unlimited.  
*Works.*—No filtration. Reservoir, tank at Stenigot, capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, but hard.

**Glamford Briggs Waterworks (G. H. Cary Elwes, Esq.).**—Supplies Brigg U.D. (part).  
*Powers.*—Glamford Briggs Waterworks Act, 1852.  
*Limits.*—Brigg U.D.  
*Source of Supply (Nature and Sufficiency).*—Spring from glacial gravel on Kimeridge Clay, Wrawby. Yield not known.  
*Works.*—No filtration. Reservoir at Wrawby, 50,000 gallons. Pressure is sufficient.  
*Quantity of Water supplied.*—Generally adequate.  
*Quality of Water.*—Good. Hardness not known. No action on lead.



**Canon Jarratt's Trustees.**—Supply part of parish of Thoresway (Caistor R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk, Thoresway. Yield not known.

*Works.*—No filtration. Reservoirs, five tanks near Thoresway, 2,000 gallons each.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**G. Milnthorpe, Esq.**—Supplies part of parish of Raithby cum Maltby (Louth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Raithby. The average daily quantity of water available is 280,000 gallons.

*Works.*—No filtration. Reservoir at Raithby, 5,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent. Hardness, 20°.

**Lord Monson.**—Supplies parts of parishes of Burton, North Carlton, and South Carlton (Welton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Three springs: (1) Burton, (2) North Carlton, (3) South Carlton. The average daily quantity of water derived from each source is, respectively, (1) 4,800 gallons, (2) 4,000 gallons, (3) 2,400 gallons.

*Works.*—No filtration. Reservoirs:—Burton Hill Top, (a) 5,000 gallons, (b) 8,000 gallons, (c) 25,000 gallons; North Carlton, 5,000 gallons; South Carlton, 3,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

— **Morrison, Esq.**—Supplies part of parish of Greetham (Horncastle R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 12 feet, in Boulder Clay and Chalk, at Greetham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Inadequate.

*Quality of Water.*—Good.

**R. J. H. Parkinson, Esq.**—Supplies parish of East Ravendale (Grimsby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in sand at East Ravendale. Yield not known.

*Works.*—No filtration. Reservoirs:—East Ravendale, (a) 10,000 gallons, (b) 20,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. G. Smyth, Esq.**—Supplies parishes of North Elkington and South Elkington (Louth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Welton Springs, near Louth. The average daily quantity of water available is 3,000,000 gallons.

*Works.*—No filtration. Reservoir at Welton Springs, 3,000,000 gallons.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Very pure, and fairly soft.

**C. H. Turnor, Esq.**—Supplies part of parish of Wragby (Horncastle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from gravel overlying Boulder Clay, at Panton. The average daily quantity of water available is 18,000 gallons.

*Works.*—No filtration. Reservoir at Wragby, 10,000 gallons.

*Quantity of Water supplied.*—The daily average is 11,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**W. M. Wright, Esq.**—Supplies parish of Wold Newton (Grimsby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and bore, 270 feet, through Chalk and Greensand, Wold Newton. Yield not known.

*Works.*—No filtration. Reservoirs:—Wold Newton, (a) 50,000 gallons, (b) 10,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.



**Earl of Yarborough.**—Supplies (1) Brigg U.D. (part); parts of parishes of (2) Brocklesby, (3) Caistor, (4) Claxby and Normanby le Wold, (5) Great Limber, (6) Rothwell, (7) Swallow (Caistor R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Castlethorpe; (2) Well with bores in Chalk, Brocklesby; (3) Springs at Fonaby; (4) Springs at (a) Claxby and (b) Normanby le Wold; (5) Pimlico Well, in Chalk, at Great Limber; (6) Springs from Lower Cretaceous formation, Rothwell; (7) Borehole in Greensand, Swallow. The average daily quantity of water available from (2) is 36,000 gallons; (4) (a) 1,700 gallons, (b) 7,000 gallons; (6) 400 gallons; yield from other sources not known.

*Works.*—No filtration. *Reservoirs:*—(2) Tower at Brocklesby, capacity not known; (3) Fonaby Top, (a) 1,000 gallons, (b) 15,000 gallons, Audleby Top, 7,500 gallons; (4) Claxby, 700 gallons, Normanby le Wold, (a) 250 gallons, (b) 1,800 gallons; (5) Great Limber, 24,000 gallons; (7) Swallow, 6,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

## MIDDLESEX.

Nil.

## NORFOLK.

**His Majesty the King.**—Supplies parts of parishes of Sandringham, West Newton, and Wolferton (Freebridge Lynn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Chalk, Denbeck, Appleton; (2) Spring from carstone and sand, Jocelyn's Wood, Dersingham. Yield not known.

*Works.*—No filtration. Storage reservoir at Appleton, 1,000,000 gallons. Service reservoirs:—Tower at Appleton, 32,000 gallons; Wolferton Heath, 70,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

**W. G. E. Wyrley-Birch, Esq.**—Supplies part of parish of West Bilney (Freebridge Lynn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in carstone at West Bilney. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**R. J. Colman, Esq.**—Supplies part of parish of Trowse with Newton (Henstead R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Chalk, Bixley; (2) Spring, intercepted underground, from gravel, Poringland Avenue, Framingham Pigot. The average daily quantity of water obtained from (1) is 3,100 gallons. Yield from (2) not known.

*Works.*—No filtration. *Reservoirs:*—Mill Tower, Bixley, (a) 3,600 gallons, (b) 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**J. H. Gurney, Esq.**—Supplies part of parish of Northrepps (Erpingham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Bull's Row, Northrepps. The average daily quantity of water available is 4,000 gallons.

*Works.*—No filtration. Reservoir at Northrepps, 4,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Capt. C. A. Howard.**—Supplies part of parish of Castle Rising (Freebridge Lynn R.D.).

*Source of Supply (Nature and Sufficiency).*—Babingley River, intake near Mill House. Yield not known.

*Works.*—Water is filtered. Reservoir at Castle Rising, 25,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.



**North Wootton Parish Council.**—Supplies part of parish of North Wootton (Freebridge Lynn R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at gravel pits in Castle Rising. Yield not known.

*Works.*—No filtration. Reservoir at North Wootton Green, 900 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

## NORTHAMPTONSHIRE.

**Lord Barnard.**—Supplies parish of Sudborough (Thrapston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from gravel and peat, three-quarters of a mile from Sudborough. The average daily quantity of water obtained is 4,320 gallons.

*Works.*—No filtration. Reservoir at Sudborough, 22,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

**H. L. C. Brassey, Esq., M.P.**—Supplies parishes of Apethorpe and King's Cliffe (part) (Oundle R.D.).

*Source of Supply (Nature and Sufficiency).*—Laws Field Spring, between Apethorpe and King's Cliffe. The average daily quantity of water available is 80,000 gallons.

*Works.*—No filtration. Reservoir near Spa Farm, King's Cliffe, 150,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (20th September 1912) that the water is fit for drinking. Hardness :—total, 22·4°; permanent, 4·4°.

**Easton Parish Council.**—Supplies part of parish of Easton on the Hill (Easton on the Hill R.D.).

*Source of Supply (Nature and Sufficiency).*—"Clay Well" Spring, Easton on the Hill. The average daily quantity of water obtained is 1,500 gallons.

*Works.*—No filtration. Reservoir at Easton on the Hill, 5,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Hollowell Parish Council.**—Supplies part of parish of Hollowell (Brixworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone. The average daily quantity of water obtained is 10,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Capt. G. Ward Hunt.**—Supplies part of parish of Wadenhoe (Oundle R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Nene, intake near Water Mill, and wells at Wadenhoe. Yield not known, but the supply is unlimited.

*Works.*—River water only is filtered. Reservoir at Wadenhoe, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Sir C. V. Knightley, Bart.**—Supplies part of parish of Preston Capes (Daventry R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Preston Capes. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory, and rather soft.

**Lord Lilford.**—Supplies part of parish of Lilford cum Wigsthorpe (Oundle R.D.).

*Source of Supply (Nature and Sufficiency).*—River Nene, intake near Lilford Lock. Yield not known.

*Works.*—Water is filtered. Storage reservoir, Cuckoo Pen Hill, Lilford, 300,000 gallons.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Good.



**Marquess of Northampton.**—Supplies parishes of Castle Ashby (part), Yardley Hastings (part) (Hardingstone R.D.); Easton Maudit and Great Doddington (Wellingborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone at Castle Ashby, Easton Maudit and Great Doddington. The average daily quantity of water available is 61,200 gallons.

*Works.*—Water from Castle Ashby is filtered. Reservoirs:—Easton Maudit, and Great Doddington (two), capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. The Castle Ashby water is very hard.

**Lord Penrhyn.**—Supplies part of parish of Wicken (Potterspury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in limestone:—(1) "Twentylands," Manor Farm; (2) "Washwell," Wicken. The average daily quantity of water available from each source is, respectively, (1) 2,500 gallons; (2) 4,500 gallons.

*Works.*—No filtration. Reservoirs:—"Twentylands," 20,500 gallons; Sparrow Lodge Farm, 5,000 gallons; Dagnall Farm, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**The Hon. N. C. Rothschild.**—Supplies parish of Ashton (Oundle R.D.).

*Sources of Supply (Nature and Sufficiency).*—River Nene percolating to well in gravel, Ashton Mill, Oundle. Yield not known, but the supply is unlimited.

*Works.*—Filtration, 400 gallons per square yard per day. Storage reservoir, Ashton Mill, 5,000 gallons. Service reservoirs at Ashton, (a) 3,500 gallons, (b) 3,500 gallons.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness:—total, 15·5°; permanent, 7·25°.

**Messrs. E. Royds and H. H. P. Bouverie.**—Supply part of parish of Hardingstone (Hardingstone R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from ironstone, Hardingstone. The average daily quantity of water available is 30,000 gallons.

*Works.*—Water is filtered. Reservoir at Hardingstone, 20,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Capt. A. E. Watts Russell.**—Supplies parish of Benefield (Oundle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Lower Benefield. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoirs:—Upper Benefield, 25,000 gallons; Lower Benefield, 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**S. G. Stopford Sackville, Esq.**—Supplies parish of Lowick (Thrapston R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, Lowick. Yield not known.

*Works.*—No filtration. Reservoir at "Mill Close," Lowick, 30,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

**Lord Ashby St. Ledgers.**—Supplies part of parish of Ashby St. Ledgers (Daventry R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Gathering ground, 640 acres, near Ashby St. Ledgers; (2) Springs and lake in Ashby St. Ledgers. The average daily quantity of water obtained from (1) is 12,000 gallons, and a further 68,000 gallons per day could be obtained. Yield from (2) not known.

*Works.*—Water is filtered. Reservoir at Ashby St. Ledgers, 24,000 gallons.

*Quantity of Water supplied.*—The daily average is 12,000 gallons. Supply is constant.

*Quality of Water.*—Good, but rather hard.

**C. Smyth, Esq.**—Supplies part of parish of Little Houghton (Hardingstone R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 27 feet, in Northampton Sands of Inferior Oolite Series, at Great Houghton. The average daily quantity of water available is 10,000 gallons.

*Works.*—No filtration. Reservoir, tank at Great Houghton, 7,500 gallons.

*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (19th June 1909) that the water is moderately soft and well adapted for domestic use.



**Earl Spencer.**—Supplies parts of parishes of Althorp, Brington, Chapel Brampton, Church Brampton, and Harlestone (Brixworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and deep well in Northampton Sands and Marlstone. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Great Brington, 180,000 gallons; Harlestone, 60,000 gallons; Brampton, 10,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**T. B. Clarke Thornhill, Esq.**—Supplies part of parish of Rushton (Kettering R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone and ironstone, three-quarters of a mile from Rushton. The average daily quantity of water obtained is 3,000 gallons, and a further 4,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Rushton, 10,500 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Lord A. Thynne, M.P.**—Supplies part of parish of Norton (Daventry R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Northampton Sand on Borough Hill, Daventry. The average daily quantity of water available is 5,000 gallons.

*Works.*—No filtration. Reservoir at Borough Hill, Daventry, 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Good. Rather soft; contains some iron.

**Lord Vaux of Harrowden.** (*See Addenda, page 598.*)

**Lady Wantage.**—Supplies part of parish of Little Billing (Northampton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Great Oolite, near Little Billing. Yield not known.

*Works.*—No filtration. Reservoir near Little Billing, 3,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard (softened before distribution).

**Messrs. Wassel and Pain.**—Supply parish of Whiston (Hardingstone R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, near Whiston. Yield not known.

*Works.*—No filtration. Reservoirs:—Two at Whiston, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but rather hard.

**H. J. Manning Watts, Esq.**—Supplies part of parish of Harpole (Northampton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring, intercepted underground, from Marlstone, north-west of Harpole. The average daily quantity of water available is 2,880 gallons.

*Works.*—No filtration. Reservoir, tank at Harpole, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (22nd July 1908) that the water is excellent. Hardness:—total, 16°; permanent, 10°.

## NORTHUMBERLAND.

**S. H. Aitcheson, Esq.**—Supplies parishes of (1) Learchild, and (2) Lemmington (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from limestone, Corby's Crag; (2) Well in limestone, near Branch Farm. The average daily quantity of water obtained from (2) is 1,000 gallons. Yield of (1) not known.

*Works.*—Water from (2) is filtered. Reservoir at Lemmington Hall, 10,000 gallons.

*Quantity of Water supplied.*—(1) Adequate; (2) the daily average is 1,000 gallons—supply is constant.

*Quality of Water.*—Good, but hard.

**R. L. Allgood, Esq.**—Supplies part of parish of Simonburn (Hexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from freestone, Hall Barns Farm; (2) Spring from limestone, Sharpley Farm. Yield not known.

*Works.*—No filtration. Reservoirs:—Hall Barns Farm, Sharpley Farm, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.



**Lord Armstrong.**—Supplies parishes of (1) Cartington; (2) Debdon (part), High and Low Trewitt, Netherton South Side, Snitter (Rothbury R.D.); (3) Debdon (part); (4) Newtown, and Tosson (part) (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) (a) Spring, Cartington Farm, (b) Spring, near Blue Mill House; (2) (a) Springs near Blue Mill House, (b) Spring near Westfield House, (c) Spring near Netherton; (3) (a) Springs, Debdon Farm, (b) Springs near Tunbleton Lake, (c) Springs near Debdon Lake; (4) (a) 20 moorland springs, Great Tosson Farm, (b) Moorland spring, Tosson Tower Farm. The average daily quantity of water derived from each source is, respectively, (1) (a) 1,000 gallons, (b) 700 gallons; (2) (a) 8,000 gallons, (b) 1,000 gallons, (c) 300 gallons; (3) (a) 200 gallons, (b) 2,600 gallons, (c) 500 gallons; (4) (a) 2,000 gallons, (b) 1,500 gallons. A further 19,000 gallons per day could be obtained from (1) (a), 199,300 gallons from (b); 16,000 gallons from (2) (a), 6,000 gallons from (b), 13,700 gallons from (c); 99,800 gallons from (3) (a), 197,400 gallons from (b), 6,500 gallons from (c); 898,000 gallons from (4) (a), and 5,500 gallons from (b).

*Works.*—No filtration. *Reservoirs:*—(2) Chapel Close, 10,000 gallons, Snitter, 1,000 gallons; (3) (b) Crayside House, 200,000 gallons; (4) (a) Great Tosson, 1,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 1,700 gallons; (2) 9,300 gallons; (3) 3,300 gallons; (4) 3,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Armstrong and Duke of Northumberland.**—Supply parishes of Adderstone (part), Bamburgh, Bamburgh Castle, Bradford, Glororum, Newham (part), and Newstead (Belford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs on Chatton Moor. The average daily quantity of water obtained is 25,000 gallons, and a further 61,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Ashington Coal Company, Ltd.**—Supplies (1) part of parish of Woodhorn (Morpeth R.D.) and (2) furnishes a supply in bulk to Ashington U.D.C.

*Source of Supply (Nature and Sufficiency).*—Pumped from pit shafts (1) Woodhorn Colliery, (2) Ashington Colliery. The average daily quantity of water available from each source is, respectively, (1) 15,000 gallons, (2) 100,000 gallons.

*Works.*—Pressure filters. *Reservoirs:*—(1) Woodhorn (a) 65,000 gallons, (b) 3,800 gallons; (2) ten tanks at Ashington Colliery, 5,000 gallons; two tanks at Hurst Farm, 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is (1) 3,000 gallons; (2) 100,000 gallons in bulk. Supply is constant.

*Quality of Water.*—(1) Good, but hard; (2) satisfactory. Annual chemical and occasional bacteriological examination. Hardness:—(2) total, 20.4°; permanent, 4.2°. No action on lead.

**F. B. Atkinson, Esq.**—Supplies parts of parishes of Bolam and Gallowhill (Castle Ward R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at East Shaftoe. Yield not known.

*Works.*—No filtration. Reservoir at Bolam Hill Head, 20,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**G. B. Bainbridge, Esq.**—Supplies parishes of Benridge (part), and High and Low Highlaws (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Heighley Gate; (2) Springs, near Herons Close. The average daily quantity of water available from each source is, respectively, (1) 2,500 gallons, (2) 4,800 gallons.

*Works.*—Part of the water is filtered. No reservoir.

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**T. H. Bainbridge, Esq.**—Supplies parish of Eshott (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs at Eshott. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.



**C. L. Bell, Esq.**—Supplies part of parish of Prestwick (Castle Ward R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in old coal workings, Old Pit Shaft, Prestwick. The average daily quantity of water obtained is 1,000 gallons, and a further 2,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Pithead, Prestwick, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is generally constant.

*Quality of Water.*—Good.

**Sir C. W. Morrison Bell, Bart.**—Supplies parts of parishes of Otterburn and Troughend (Bellingham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Davy Shield. The average daily quantity of water available is 7,000 gallons.

*Works.*—No filtration. Reservoir at Otterburn Hall, 2,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. J. Benson, Esq.**—Supplies parts of parishes of Newbrough and Warden (Hexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous formation, Frankham Farm and Newbrough. The average daily quantity of water obtained is 5,000 gallons.

*Works.*—No filtration. Reservoir, tank in Warden, 300 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Bentinck West Hartley Colliery Company.**—Supplies parishes of Bothal Demesne (part) and Pegswood (Morpeth R.D.).

*Source of Supply (Nature and Sufficiency).*—Pit shaft (sandstone over Plessey seam), Pegswood Colliery. The average daily quantity of water obtained is 14,241 gallons, and a further 36,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Pegswood, (a) 12,696 gallons, (b) 8,250 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 14,241 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (20th April 1907) that chemically the water is very pure. Hardness not known.

**W. L. Blackburn, Esq.**—Supplies part of parish of Riding (Hexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs on Riding Hills Farm; (2) Well, 33 feet, at Riding Hills Farm; (3) Spring on Riding Hills Farm. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons, (2) 1,500 gallons, (3) not known; and a further 10,000 gallons per day could be obtained from (2).

*Works.*—No filtration. Reservoirs:—Riding Hills Farm, (a) 30,000 gallons, (b) 2,000 gallons, (c) 10,000 gallons, (d) capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Professor R. C. Bosanquet.**—Supplies parish of Rock (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, (1) Heiferlau Bank, (2) Rock Moor House. The average daily quantity of water derived from each source is, respectively, (1) 4,320 gallons, (2) 2,880 gallons, and a further 12,000 gallons per day could be obtained from (2).

*Works.*—No filtration. Reservoirs:—Wisp Law Farm, 2,000 gallons; Heiferlau Bank, 500 gallons; Rock Moor House, 300 gallons; Rock Midstead, 300 gallons.

*Quantity of Water supplied.*—The daily average is 7,200 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Broomhaugh Water Scheme (Subscription).**—Supplies part of parish of Broomhaugh (Hexham R.D.).

*Source of Supply (Nature and Sufficiency).*—Stream in Oaklands Park. Yield not known.

*Works.*—Water is filtered. Reservoir in Oaklands Park, 5,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but liable to contamination.

**W. Brown, Esq., Miss Allgood, C. W. C. Henderson, Esq., and Canon Savage.**—Supply part of parish of Acomb (Hexham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Oakwood. The average daily quantity of water available is 19,000 gallons.



*Works.*—No filtration. Reservoir at Oakwood, 25,000 gallons.  
*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Trustees of Alex. Browne, Esq.**—Supply parishes of (1) Embleton (part) (Alnwick R.D.); (2) Spindleston (Belford R.D.); (3) Callaly and Yetlington (part); (4) Lorbottle (part) (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Doxford; (2) three springs at Outchester Farm, Chesterhill Farm, and Spindleston Farm; (3) spring at Callaly; (4) two springs at Lorbottle Steads Farm and Lorbottle Farm. Yield not known.

*Works.*—No filtration. Reservoirs:—(2) Chesterhill Farm, Outchester Farm, Spindleston Farm; (3) Dancing Hall Hill; (4) Lorbottle Steads Farm; capacity not known.

*Quantity of Water supplied.*—(1), (2), and (4) Ample; (3) sufficient.

*Quality of Water.*—Good.

**Capt. Browne.**—Supplies parish of Branton (Alnwick R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Doxford. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Captain W. N. Burrell.**—Supplies parishes of Abberwick and Broome Park (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Abberwick. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Lady J. Joicey Cecil.**—Supplies parishes of Newton Hall (part) and Stelling (Hexham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well through clay to gravel, at Shildon Hill; (2) Spring at Well House. The average daily quantity of water available from each source is, respectively, (1) 600 gallons; (2) 6,000 gallons.

*Works.*—No filtration. Reservoirs:—Shildon Hill, 6,000 gallons; Well House, 50,000 gallons; Newton Hall, 30,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Sir W. S. Church, Bart., M.D.**—Supplies part of parish of Adderstone (Belford R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone on Belshill Farm. Yield not known.

*Works.*—No filtration. Reservoir at Belshill Farm at 1,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**G. D. Atkinson Clark, Esq.**—Supplies part of parish of Belford (Belford R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Lower Carboniferous formation on Blue Bell Farm. The average daily quantity of water obtained is 14,400 gallons.

*Works.*—No filtration. Reservoir at Belford, 2,700 gallons.

*Quantity of Water supplied.*—The daily average is 14,400 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Major E. F. Clayton.**—Supplies part of parish of Heddon on the Wall (Castle Ward R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at East Heddon. Yield not known.

*Works.*—No filtration. Reservoir at Heddon, 15,856 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Mrs. Clayton.**—Supplies part of parish of Rothley (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and well at Rothley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**T. C. Fenwicke-Clennell, Esq.**—Supplies parishes of Farnham, Peels, and Sharperton (part) (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Farnham, Peels, and Sharperton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**E. G. Collingwood, Esq.**—Supplies parishes of (1) Dalton, (2) North Dissington (part) (Castle Ward R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from sandstone, (a) Dalton Mill, (b) Eastfield; (2) Spring and well at Dissington. The average daily quantity of water available from each source is, respectively, (1) (a) 9,000 gallons, (b) 7,000 gallons; (2) not known.

*Works.*—No filtration. Reservoirs:—Tanks at (1) Dalton House, 4,000 gallons, Cairn House, 1,000 gallons; (2) Dissington Hall, 1,000 gallons.

*Quantity of Water supplied.*—(1) The daily average is 9,000 gallons—supply is constant; (2) sufficient.

*Quality of Water.*—Good.

**Major Cookson.**—Supplies parishes of (1) East Thornton and West Thornton (part); (2) Meldon and Rivergreen (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface over limestone, near Meldon; (2) Well in limestone at Meldon. Yield not known.

*Works.*—No filtration. Reservoirs, tanks near Meldon, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Cowpen Coal Company, Ltd.**—Supplies parish of North Seaton (Morpeth R.D.), and furnishes a supply in bulk to the Milburn Estates, Ltd., who give a supply in bulk to Ashington U.D.C.

*Source of Supply (Nature and Sufficiency).*—Spring or feeder intercepted underground, North Seaton Colliery. The average daily quantity of water obtained is 144,000 gallons, and a further 26,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—North Seaton Colliery, 13,408 gallons; Lane End Farm, 28,338 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,000 gallons and 33,600 gallons in bulk. Supply is constant.

*Quality of Water.*—Satisfactory. Hardness:—total, 22·7°; permanent 13·7°. No action on lead.

**A. F. B. Cresswell, Esq.**—Supplies parishes of (1) North Charlton (Alnwick R.D.); (2) Cresswell (part); (3) Ellington (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at North Charlton; (2) Springs and well at Cresswell; (3) Spring at Ellington. Yield not known.

*Works.*—No filtration. Reservoir, (1) tank at North Charlton, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Miss I. Baker Cresswell.**—Supplies parish of Preston (Belford R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Preston. Yield not known.

*Works.*—No filtration. Reservoir, tower at Preston, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Trustees of Lord Crewe's Charity.**—Supply part of parish of Shotley High Quarter (Hexham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from peat, sandstone, and shale at Blanchland. The average daily quantity of water obtained is 24,000 gallons, and a further 10,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir, tank at Blanchland, 750 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Capt. J. H. Cuthbert, D.S.O.**—Supplies part of parish of Sandhoe (Hexham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from freestone, Fern Hill Farm. Yield not known.



*Works.*—Water is filtered. Reservoirs:—Quarry Wood, 2,700 gallons; Woodhead, 1,160 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**D. Deuchar, Esq.**—Supplies parish of Low Buston (Alnwick R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Low Buston. The average daily quantity of water available is 7,200 gallons.

*Works.*—No filtration. Reservoir, tower at Low Buston, 2,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**William Dickson, Esq., and Miss C. H. Dickson.**—Supply Berwick upon Tweed B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from rocks in Spittal. Yield not known.

*Works.*—No filtration. Reservoirs:—Billendean Fields, 21,408 gallons; Billendean, 17,820 gallons; Brandywell, 25,125 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (29th October 1910) that chemically the water is quite suitable. Hardness not known. Very slight action on lead.

**Lieut.-Col. R. H. Carr-Ellison.**—Supplies parish of Hedgeley (Alnwick R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Hedgeley. The average daily quantity of water obtained is 3,600 gallons.

*Works.*—No filtration. Reservoirs, tanks at Hedgeley, (a) 1,300 gallons, (b) 2,900 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Felton Water Committee.**—Supplies parish of Felton (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs with gathering ground, 5 acres, Old Grap Fields. The average daily quantity of water obtained is 15,120 gallons.

*Works.*—Water is filtered. Reservoirs at Felton, (a) 6,000 gallons, (b) 50 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Mrs. H. Fenwick.**—Supplies part of parish of Brinkburn High Ward (Rothbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Brinkburn. Yield not known.

*Works.*—No filtration. Reservoir at Brinkburn, 9,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**C. D. Forster, Esq.**—Supplies part of parish of Burradon (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs about  $\frac{1}{4}$  mile from Burradon. Yield not known.

*Works.*—No filtration. Reservoir at Burradon, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Quite pure.

**Mrs. Forster.**—Supplies part of parish of Newton by the Sea (Alnwick R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in basalt at Newton by the Sea. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 325 gallons. Supply is constant.

*Quality of Water.*—Good, but hard.

**T. H. B. Graham, Esq.**—Supplies parishes of (1) Warenton (Belford R.D.); (2) Black Callerton (part) (Castle Ward R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Newlands and Warenton; (2) Spring on Crescent Farm. The average daily quantity of water obtained from (2) is 7,000 gallons, and a further 3,000 gallons per day could be obtained; yield from (1) not known.

*Works.*—No filtration. Reservoirs:—Tanks at (1) (a) Newlands, (b) Warenton, capacity not known; (2) Crescent Farm, 1,300 gallons.

*Quantity of Water supplied.*—(1) Ample; (2) sufficient.

*Quality of Water.*—Good.



**Earl Grey.**—Supplies parishes of (1) (2), (3) Howick, (4) and (5) Littlehoughton (Alnwick R.D.); (6) West Chevington (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from basalt, (a) Howick Heugh Cresswell, (b) Littlehoughton, Parkfield, (c) Backifords Field, (d) Littlehoughton Farm; (2) Upland pasture, 30 acres, North Heughfield; (3) Well in limestone, Pasture House Cottages; (4) Springs, (a) Maidens Hill Field, (b) from limestone, Gosling's Field, (c) from limestone, Little Mill Limekilns, (d) from limestone, Little Mill Farm; (5) Upland pasture, 20 acres, Gosling's Field; (6) Upland surface at Chevington Wood. The average daily quantity of water derived from each source is, respectively, (1) (a) 1,000 gallons, (b) 1,000 gallons, (c) 500 gallons, (d) 900 gallons; (2) 100 gallons; (3) 150 gallons; (4) (a) 150 gallons, (b) 300 gallons, (c) 20 gallons, (d) 100 gallons; (5) 60 gallons. A further 3,000 gallons per day could be obtained from (1) (a), 4,000 gallons from (1) (b), 500 gallons from (1) (c), 100 gallons from (1) (d), 1,350 gallons from (3), 1,350 gallons from (4) (a), 2,500 gallons from (4) (b), 680 gallons from (4) (c), 900 gallons from (4) (d), and 40 gallons from (5); yield of (6) not known.

*Works.*—No filtration. *Reservoirs.*—(1) (a) Howick Heugh Cresswell, 2,500 gallons, (b) Littlehoughton, Parkfield, 2,000 gallons, (c) South Hipsheugh Field, 500 gallons; (2) North Heughfield, 560 gallons; (4) (a) Maidens Hill Field, 330 gallons, (b) Gosling's Field, 1,200 gallons, (d) Little Mill Farm, 200 gallons; (5) Gosling's Field, 50 gallons.

*Quantity of Water supplied.*—(1)–(5) The daily average is 4,280 gallons—supply is constant; (6) adequate.

*Quality of Water.*—Satisfactory.

**Rt. Hon. Sir E. Grey, Bart., M.P.**—Supplies parishes of Embleton (part) and Falloden (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Rock Estate, Charlton, and Doxford. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very good.

**M. Hall, Esq.**—Supplies part of parish of Elsdon (Rothbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone at Elsdon. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lord Joicey.**—Supplies parts of parishes of (1) Longhirst, and (2) Ulgham (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Deep well at Longhirst; (2) borehole at Ulgham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**W. E. Lawson, Esq.**—Supplies parish of Hazon and Hartlaw (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Hazon and Hartlaw. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Major G. F. Towleron Leather.**—Supplies parishes of Detchant and Middleton (Belford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from basalt, limestone, and sandstone, in Detchant and Middleton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Long Horsley Village Supply.**—Supplies parishes of Bigge's Quarter (part), Freeholders' Quarter, and Riddell's Quarter (part) (Morpeth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from freestone,  $\frac{1}{2}$  mile west of Long Horsley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent and soft.

**The Hon. F. Bowes Lyon.**—Supplies parts of parishes of Henshaw and Thorngraston (Haltwhistle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Thorngraston. Yield not known.



*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Very good.

**Sir A. E. Middleton, Bart.**—Supplies part of parish of Belsay (Castle Ward R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Two springs from sandstone, in Belsay. Yield not known.  
*Works.*—No filtration. Reservoirs:—Two tanks in Belsay, (a) 39,800 gallons, (b) 4,600 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**Mrs. Eyres Monsell.**—Supplies parishes of (1) Embleton (part), Stamford; (2) Embleton (part), Newton by the Sea (part) (Alnwick R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) (a) Spring from freestone, Embleton, (b) Spring in Rennington; (2) Spring from freestone, Embleton. Yield not known.  
*Works.*—No filtration. Reservoirs:—(1) Embleton, (a) 7,000 gallons, (b) 20,000 gallons, Rennington, capacity not known; (2) Embleton, (a) 20,000 gallons, (b) 7,000 gallons, (c) 3,000 gallons.  
*Quantity of Water supplied.*—Generally sufficient.  
*Quality of Water.*—Satisfactory.

**Newbiggin Colliery Company, Ltd.**—Supplies Newbiggin by the Sea U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Pumped from freestone in pit shaft, Newbiggin. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good. Hardness, 20°. No action on lead.

**North British Railway Company.**—Supplies parts of parishes of Birtley, Corsenside, and Plashetts and Tynehead (Bellingham R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, (1) Reedsmouth, (2) Woodburn, (3) Falstone. The average daily quantity of water derived from each source is, respectively, (1) 2,500 gallons, (2) 2,500 gallons, (3) 30 gallons.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—(1) and (2) Ample; (3) inadequate.  
*Quality of Water.*—Good.

**North Eastern Railway Company.**—Supplies part of parish of Easington (Belford R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from limestone in Lucker. Yield not known.  
*Works.*—No filtration. Reservoir at Lucker, 1,490 gallons.  
*Quantity of Water supplied.*—The daily average is 140 gallons. Supply is constant.  
*Quality of Water.*—Excellent, but hard.

**Duke of Northumberland.**—Supplies (1) Alnwick U.D. (part); (2) parishes of Bassington, Beanley, Broxfield, Denwick (part), Guyzance, High Buston, Lesbury, Longhoughton (part), Morwick, Rennington, Shilbottle, South Charlton, Sturton Grange (part), Walkmill, Woodhouse (Alnwick R.D.), Lucker (part) (Belford R.D.); (3) parts of parishes of Bellingham, Birtley, Kirkwhelpington, Otterburn, Plashetts and Tynehead, Rochester Ward, Tarsset West, Wellhaugh (Bellingham R.D.); (4) part of parish of Horsley (Hexham R.D.); (5) part of parish of East and West Thirston with Shothaugh (Morpeth R.D.); (6) parishes of Alnham (part), Healey and Comhill (part), Hesleyhurst, and Raw (Rothbury R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Springs from sandstone, Brizlee Hill; (2) Springs from sandstone, Coal Measures, and gravel; (3), (4), (5), and (6) Springs. The average daily quantity of water derived from each source is, respectively, (1) 52,400 gallons, (4) 525,600 gallons, (5) 4,320 gallons, (2), (3), (6) not known, and a further 250,000 gallons per day could be obtained from (1).  
*Works.*—No filtration. Reservoirs:—(1) Hulne Deer Park, (a) 15,000 gallons, (b) 88,000 gallons; Swansfield Park (two), capacity not known; (3) Plashetts, 11,760 gallons, and several of 300 gallons each; (5) 5,900 gallons; (6) several of 300 gallons each. (2) Pressure is sufficient.  
*Quantity of Water supplied.*—(1), (2) Sufficient; (3), (4), (5) and (6) ample.  
*Quality of Water.*—Satisfactory.



**Northumberland County Council.**—Supplies parts of parishes of Benridge and Newminster (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous Limestone at Doe Hill. The average daily quantity of water available is 60,000 gallons.

*Works.*—No filtration. Reservoir at Doe Hill, 30,000 gallons.

*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Northumberland County Council (Small Holdings and Allotments Committee).**—Supplies parish of East Heddon (Castle Ward R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two wells and spring from Millstone Grit, East Heddon. The average daily quantity of water available is 10,900 gallons.

*Works.*—No filtration. Reservoir at Heddon Laws, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Trustees of the late N. C. Ogle.**—Supply part of parish of Kirkley (Castle Ward R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs from gravel, Beacon Hill. The average daily quantity of water obtained is 7,200 gallons, and a further 1,920 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Beacon Hill, 21,000 gallons; Benridge, 1,100 gallons.

*Quantity of Water supplied.*—The daily average is 7,200 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lieut.-Col. W. Orde.**—Supplies parishes of Ewesley, Monkridge (part), Nunykirk, Ritton Colt Park (part), Ritton White House, and Woodside (part) (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Ewesley Fell, Monkridge Fell, Ritton Bank, and Duvons. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. H. Pawson, Esq.**—Supplies parishes of Bolton (part), Crawley, Shawdon, and Titlington (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Crawley, Shawdon, and Titlington. Yield not known.

*Works.*—No filtration. Reservoirs:—Bolton, 300 gallons; Crawley, 500 gallons; Shawdon, (a) 1,000 gallons, (b) 400 gallons; Titlington, (a) 500 gallons, (b) 300 gallons, (c) 200 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**H. Pease, Esq.**—Supplies part of parish of Otterburn (Bellingham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring, from limestone, one mile north of Otterburn. The average daily quantity of water available is 4,500 gallons.

*Works.*—No filtration. Reservoir at Girsonfield Farm, 8,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Pure.

**The Plashetts Coal and Coke Company, Ltd.**—Supplies part of parish of Plashetts and Tynehead (Bellingham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Carboniferous Limestone, (1) Goodwell Syke, Plashetts; (2) Far Colliery, Plashetts. The average daily quantity of water derived from each source is, respectively, (1) 2,900 gallons, (2) 2,160 gallons, and a further 6,000 gallons per day could be obtained from (1) and 1,200 gallons from (2).

*Works.*—No filtration. Reservoir, tank at Shop Row, Plashetts, 2,475 gallons.

*Quantity of Water supplied.*—The daily average is 5,060 gallons. Supply is constant.

*Quality of Water.*—Good.

**Duke of Portland.**—Supplies parishes of Cockle Park and Earsdon (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**Lord Ravensworth.**—Supplies parishes of Great Ryle (part), Little Ryle (part), Unthank, and Whittingham (part) (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lord Redesdale.**—Supplies part of parish of Rochester Ward (Bellingham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Stobbs Fell. The average daily quantity of water available is 5,000 gallons.

*Works.*—No filtration. Reservoir at Horsley Plantation, 2,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. R. Buchanan-Riddell, Esq.**—Supplies parish of Hepple (Rothbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) Whitefield, (2) Woodside, (3) Hepple, (4) Harebaugh. The average daily quantity of water derived from each source is, respectively, (1) 4,320 gallons, (2) 4,380 gallons, (3) 4,380 gallons, (4) 1,260 gallons. A further 8,640 gallons per day could be obtained from (1), 13,140 gallons from (2), 5,000 gallons from (3), and 1,440 gallons from (4).

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 14,340 gallons. Supply is constant.

*Quality of Water.*—Good.

**Messrs. G. S. Riddle and Sons.**—Supply Berwick upon Tweed B. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Sunnyside. The average daily quantity of water obtained is 1,440 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,440 gallons. Supply is constant.

*Quality of Water.*—Good.

**Viscount Ridley.**—Supplies part of parish of Stannington (Castle Ward R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Boulder Clay, Duddo Hill, Stannington. Yield not known.

*Works.*—No filtration. Reservoir at Duddo Hill, 1,400 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**C. Noel Ridley, Esq.**—Supplies part of parish of Simonburn (Hexham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from freestone and Carboniferous Limestone, on Conshield Farm. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Rt. Hon. Walter Runciman, M.P.**—Supplies parish of Doxford (Alnwick R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Tinely and North Charlton. Yield not known.

*Works.*—No filtration. Reservoirs:—Tanks at Doxford, North Charlton, and Tinely; capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Seaton Delaval Coal Company, Ltd.**—Supplies Blyth U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from sand, Laverick and Horton Farms. Yield not known.

*Works.*—Water is filtered. Reservoir, tank near Blyth, 12,979 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The Governors of Shaftoe (Educational) Foundation.**—Supply parish of Mousen (Belford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Three springs at Mousen. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.



**T. Simpson, Esq.**—Supplies part of parish of Hepscott (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sand, Hepscott. The average daily quantity of water available is 2,880 gallons.

*Works.*—No filtration. Reservoir, tank at Hepscott, 250 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent, but hard.

**Mrs. G. E. Smith.**—Supplies part of parish of Whalton (Castle Ward R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Whalton North Farm. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**F. Straker, Esq.**—Supplies parishes of High Angerton (part) and Low Angerton (Morpeth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at High Angerton. Yield not known.

*Works.*—No filtration. Reservoir at High Angerton, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**J. H. Straker, Esq.**—Supplies parish of Wingates (Rothbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Wingates South Farm. Yield not known.

*Works.*—No filtration. Reservoirs:—Wingates Village, (a) 6,000 gallons, (b) 500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Earl of Tankerville.**—Supplies parishes of Elwick and Ross (Belford R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Elwick. Yield not known.

*Works.*—No filtration. Reservoirs:—Elwick Farm, 2,000 gallons; Ross Farm, 2,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**T. Taylor, Esq.**—Supplies part of parish of Widdrington (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole at Druridge, (2) Springs at Widdrington, (3) Springs at Stobswood, (4) Pitshaft, Stobswood; all from Upper Coal Measures. The average daily quantity of water available from each source is, respectively, (2) 6,000 gallons, (3) 600 gallons, (4) 12,000 gallons, and a further 1,000 gallons per day could be obtained from (2), and 10,000 gallons from (4); yield of (1) not known.

*Works.*—Filtration, (4) only, 800 gallons per square yard per day. Reservoirs:—Stobswood (a) 10,000 gallons, (b) 5,000 gallons; North Steads, 3,000 gallons; Widdrington, 10,500 gallons.

*Quantity of Water supplied.*—The daily average is 6,450 gallons. Supply from (3) and (4) is intermittent.

*Quality of Water.*—Good.

**Rt. Hon. Sir G. O. Trevelyan, Bart.**—Supplies parishes of Cambo, South Middleton (part), and Wallington Demesne (part) (Morpeth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from clay and limestone near Hepples Farm, Cambo. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Pure and moderately hard.

**J. S. Trevelyan, Esq.**—Supplies parishes of Netherwitton and Witton Shields (Morpeth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Bellion Farm, Netherwitton. Yield not known.

*Works.*—No filtration. Reservoir at Netherwitton, 4,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.



**Wooler Public Water Supply.**—Supplies parish of Wooler (Glendale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Andesite, Cheviot Hills. The average daily quantity of water obtained is 40,000 gallons, and a further 35,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Wooler, 80,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Pure—periodical chemical examination. Soft, but no action on lead.

## NOTTINGHAMSHIRE.

**The Butterley Co., Ltd.**—Supplies part of Kirkby in Ashfield U.D.

*Sources of Supply (Nature and Sufficiency).*—Well, 120 feet, in red sandstone, with headings 420 feet, Normans Wood, Sutton in Ashfield. The average daily quantity of water obtained is 50,000 gallons.

*Works.*—No filtration. Storage reservoir at Coxmoor, Sutton in Ashfield, 100,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Earl of Carnarvon.**—Supplies parts of parishes of East Bridgford, Saxondale, and Shelford (Bingham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 35 feet, in sand and gravel, at Shelford. The average daily quantity of water obtained is 2,000 gallons, and a further 6,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs at Shelford, (a) 3,000 gallons, (b) 2,400 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Dowager Countess of Carnarvon.**—Supplies part of parish of Kneeton (Bingham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well near River Trent, Hoveringham Ferry. Yield not known.

*Works.*—No filtration. Reservoir at Kneeton, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Rt. Hon. F. J. Savile-Foljambe.**—Supplies Worksop U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Borehole, 182 feet, at Osberton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**Great Northern Railway Company.**—Supplies Carlton U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Artesian well at Netherfield. The average daily quantity of water available is 260,000,000 gallons.

*Works.*—No filtration. Reservoir, tank at Netherfield, 62,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**London and North Western Railway Company.**—Supplies Carlton U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Boring in sandstone and conglomerate, at Carlton. Yield not known.

*Works.*—No filtration. Reservoir, tank at Carlton, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good—periodical chemical examination. Hardness, 21·2°. No action on lead.

**Earl Manvers.**—Supplies parts of parishes of (1) Edwinstowe, (2) Kneesall and Laxton (Southwell R.D.).

*Source of Supply (Nature and Sufficiency).*—(1) Artesian well, 184 feet, in Bunter Pebble Beds, at Edwinstowe; (2) boring in Bunter sandstone below Lower Keuper, at Kneesall. The average daily quantity of water available from each source is, respectively, (1) 25,000 gallons, (2) 100,000 gallons.



*Works.*—No filtration. *Reservoirs.*—Edwinstowe, 75,000 gallons; Kneesall, 30,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 17,500 gallons; (2) 10,000 gallons. Supply is constant.

*Quality of Water.*—Good. *Hardness.*—(1) total, 10·8°; permanent, 2·1°. (2) Soft.

**Lord Middleton.**—Supplies parts of parishes of Trowell and Wollaton (Basford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Wollaton; (2) Supply in bulk from Ilkeston and Heanor Water Board through Ilkeston T.C. (see page 171). Yield of (1) and quantity obtained from (2) not known.

*Works.*—No filtration. *Reservoir at Wollaton*, 73,708 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Duke of Newcastle.**—Supplies Workson U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 30 feet, near Clumber Bridge, Clumber Park; (2) Well, 30 feet, near Hardwick Grange, Clumber Park; (3) Artesian well at Shireoaks. Yield not known.

*Works.*—No filtration. *Reservoirs.*—Clumber Park, (a) 60,000 gallons, (b) 4,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**The Newstead Colliery Company, Ltd.**—Supplies part of parish of Newstead (Basford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Pumped from Bunter Sandstone in pit shaft, Newstead Colliery; (2) Springs in railway tunnel at Annesley. Yield not known.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. *Hardness*, 14·7°. No action on lead.

**Duke of Portland.** See Derbyshire.

**Sir C. Seely, Bart.**—Supplies part of parish of Calverton (Basford R.D.).

*Source of Supply (Nature and Sufficiency).*—Deep well with borehole at Calverton. Yield not known.

*Works.*—No filtration. *Reservoir*, near Calverton, 20,000 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Sheepbridge Coal and Iron Company.** See Derbyshire.

**E. E. Harcourt Vernon, Esq.**—Supplies East Retford B. (part) and part of parish of Grove (East Retford R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 600 feet, in Bunter Beds, Grove. The average daily quantity of water obtained is 3,500 gallons.

*Works.*—No filtration. *Reservoir at Grove*, 14,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**F. Willey, Esq.**—Supplies part of parish of Blyth (Blyth and Cuckney R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian borehole, 200 feet, in red sandstone, at Blyth. The average daily quantity of water obtained is 6,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. *Reservoir*, tank at Blyth, 25,000 gallons.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

## OXFORDSHIRE.

**Sir Francis Bertie.**—Supplies part of parish of Horton cum Studley (Headington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock, at Beckley and Horton. The average daily quantity of water available is 8,150 gallons.

*Works.*—No filtration. *Reservoirs.*—Beckley, 22,000 gallons; Horton, 500 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good; moderately hard.



**Brasenose College, Oxford.**—Supplies part of parish of Cropredy (Banbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Bourton. Yield not known.

*Works.*—No filtration. Reservoirs at Bourton, (a) 600 gallons, (b) 700 gallons, (c) 500 gallons.

*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lieut. Col. W. Gregory Dawkins.**—Supplies part of parish of Over Norton (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite in Over Norton Park. The average daily quantity of water obtained is 2,000 gallons, and a further 1,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Choicehill Hill Road, 7,000 gallons; Over Norton, 2,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Pure.

**Viscount Dillon.**—Supplies part of parish of Spelsbury (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Taston. Yield not known.

*Works.*—Water is filtered. Reservoirs at Spelsbury, Taston and Fulwell; capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Earl of Ducie.**—Supplies parts of parishes of (1) Chadlington, (2) Churchill, and (3) Lyneham (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) Chadlington, (2) Churchill and Sarsden, (3) Lyneham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**The Ecclesiastical Commissioners.**—Supply part of parish of Langford (Witney R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well at Langford. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**W. H. Fox, Esq.**—Supplies parishes of (1) Broadwell (part), (2) Holwell (Witney R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Upton and Signet, and Lake near Broadwell; (2) Well near Holwell. Yield from (1) not known; the average daily quantity of water obtained from (2) is 1,200 gallons.

*Works.*—No filtration. Reservoir:—(2) Tank at Holwell, 5,000 gallons.

*Quantity of Water supplied.*—(1) Ample; (2) sufficient.

*Quality of Water.*—Pure.

**Magdalen College, Oxford.**—Supplies part of parish of Cuddesdon (Headington R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Cuddesdon. The average daily quantity of water available is 24,000 gallons.

*Works.*—No filtration. Reservoir at Cuddesdon, 40,000 gallons.

*Quantity of Water.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (27th April 1906) that the water is good.

**Lord de Mauley.**—Supplies part of parish of Little Faringdon (Witney R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Cornbrash, The Mill, Little Faringdon. Yield not known.

*Works.*—No filtration. Reservoirs:—Tanks at Church Farm, (a) 1,000 gallons, (b) 1,000 gallons; Tanks at Langford House, (a) 500 gallons, (b) 500 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Satisfactory.



**Duke of Marlborough.**—Supplies Woodstock B.; and parishes of Blenheim Park, and Hensington Without (part) (Woodstock R.D.).

*Source of Supply (Nature and Sufficiency).*—Blenheim Lake. Yield not known.

*Works.*—No filtration. Reservoirs:—High Lodge, Blenheim Park, (a) 94,050 gallons, (b) 640,860 gallons, (c) 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (20th December 1913) that the water is satisfactory. Hardness not known. No action on lead.

**J. F. Mason, Esq., M.P.**—Supplies parts of parishes of Eynsham and North Leigh (Witney R.D.).

*Source of Supply (Nature and Sufficiency).*—Artificial lake, 14½ acres, at North Leigh and Eynsham. The average daily quantity of water obtained is 7,000 gallons.

*Works.*—Water is filtered. Reservoirs:—Eynsham Hall Park, (a) 165,862 gallons, (b) 112,528 gallons.

*Quantity of Water supplied.*—The daily average is 7,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**The Provost and Scholars of Oriel College, Oxford.**—Supply part of parish of Shenington (Banbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Marlstone, Shenington. The average daily quantity of water obtained is 1,000 gallons, and a further 2,500 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Tanks at Shenington, (a) 6,000 gallons, (b) 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**H. J. Parsons, Esq.**—Supplies part of parish of Elsfield (Headington R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Oolite, at Elsfield. Yield not known.

*Works.*—No filtration. Reservoirs:—Elsfield, 50,000 gallons; two tanks at Elsfield, 1,000 gallons each.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Peters, Esq.**—Supplies part of parish of Idbury (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, half a mile from Idbury. Yield not known.

*Works.*—No filtration. Reservoir, tank at Idbury, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Lord Redesdale.**—Supplies parish of Swinbrook (Witney R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Stream at South Lawn; (2) Springs from limestone, The Old Farm. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Executors of the late Sir C. D. Rose, Bart.**—Supply parts of parishes of Goring and Whitechurch (Goring R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, at Collins End, Goring Heath. Yield not known.

*Works.*—No filtration. Reservoir at Lady Grove, Goring Heath, 42,000 gallons.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Shipton under Wychwood Water Committee.**—Supplies part of parish of Shipton under Wychwood (Chipping Norton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Shipton under Wychwood. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent, but rather hard.



**Swerford Parish Council.**—Supplies part of parish of Swerford (Chipping Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from ironstone rock, (1) Chapel Hill, (2) Rectory Field. The average daily quantity of water derived from each source is, respectively, (1) 150 gallons, (2) 100 gallons, and a further 100 gallons per day could be obtained from (1) and 50 gallons from (2).

*Works.*—No filtration. Reservoirs:—Tanks at Swerford, (a) 500 gallons, (b) 500 gallons.

*Quantity of Water supplied.*—The daily average is 250 gallons. Supply is constant.

*Quality of Water.*—Good.

**M. E. R. Wingfield, Esq.** See Gloucestershire.

## PETERBOROUGH, SOKE OF.

**Marquess of Exeter.** See Lincolnshire, Parts of Kesteven.

## RUTLANDSHIRE.

**Earl of Ancaster.** (See Addenda, page 598.)

**Earl of Gainsborough.** (See Addenda, page 598.)

## SHROPSHIRE.

**Lord Barnard.**—Supplies parts of parishes of (1) Cressage, (2) Eaton Constantine, (3) Harley, (4) Uppington, (5) Wroxeter (Atcham R.D.); Wellington Rural (Wellington R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs at Cressage; (2) Spring at Eaton Constantine; (3) Springs at Harley; (4) Spring and streams, Uppington; (5) Springs and stream in Wroxeter. Yield not known.

*Works.*—Water from (4) and (5) (stream) is filtered. Reservoirs:—(1) Cressage, (2) Eaton Constantine, (3) two at Harley (4) Wroxeter, (5) Wroxeter and Wellington; capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**The Billingsley Colliery Company, Ltd.**—Supplies part of parish of Billingsley (Bridgnorth R.D.).

*Source of Supply (Nature and Sufficiency).*—Pumped from pit shaft at Billingsley. The average daily quantity of water obtained is 400 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 400 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**H. D. Corbet, Esq.**—Supplies part of parish of Upton Magna (Atcham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well on Crifton Bank. The average daily quantity of water obtained is 2,000 gallons.

*Works.*—No filtration. Reservoir at Crifton Bank, 7,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Trustees of the late Sir Walter Corbet, Bart.**—Supply parts of parishes of Grinshill, Moreton Corbet, and Shawbury (Wem R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Keuper Marl, at Drepe-wood, Preston Brockhurst. The average daily quantity of water obtained is 1,000 gallons, and a further 24,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Grinshill Hill, 22,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Very pure.

**F. Capel Cure, Esq.**—Supplies part of parish of Beckbury (Shifnal R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Old Red Sandstone, Beckbury. Yield not known.

*Works.*—No filtration. Reservoir at Beckbury, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.



**Mrs. Davenport.**—Supplies part of parish of Worfield (Bridgnorth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from red sandstone in Bath Coppice. The average daily quantity of water available is 12,000 gallons.

*Works.*—No filtration. Reservoirs, tanks at Worfield, 8,350 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Col. Hope-Edwardes.**—Supplies part of parish of Condover (Atcham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Cambrian rocks, Dorrington. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoir at Dorrington, 40,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard.

**E. B. Fielden, Esq.**—Supplies part of parish of Condover (Atcham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in sand, gravel, and clay, at Condover. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**W. H. Foster, Esq.**—Supplies parts of parishes of (1) Astley Abbots, (2) Worfield (Bridgnorth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, Colmore Green Coppice; (2) (a) Spring from sandstone at Rindleford, (b) well at Harrington. The average daily quantity of water available from (2) (b) is 45,000 gallons. Yield of (1) and (2) (a) not known.

*Works.*—No filtration. Reservoirs:—(1) Tanks at Colmore Green, (a) 800 gallons, (b) 500 gallons; (2) Apley, Harrington 80,000 gallons, Burcote Farm 1,500 gallons, Bromley 2,500 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**Lady Grant.**—Supplies part of parish of Pitchford (Atcham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone in Pitchford village. The average daily quantity of water obtained is 2,000 gallons, and a further 20,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Tanks at Pitchford, 2,000 gallons; Golding, 3,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Highley Mining Company, Ltd.**—Supplies part of parish of Highley (Cleobury Mortimer R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Highley. The average daily quantity of water obtained is 20,000 gallons.

*Works.*—No filtration. Reservoir at Highley, 14,000 gallons.

*Quantity of Water supplied.*—The daily average is 17,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**R. C. Donaldson-Hudson, Esq.**—Furnishes a supply in bulk to Drayton R.D.C.

*Source of Supply (Nature and Sufficiency).*—Spring at Chipnal Lees. Yield not known.

*Works.*—No filtration. Reservoir at Cheswardine, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness and action on lead not known.

**Heighway Jones, Esq.**—Supplies part of parish of Pontesbury (Atcham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in gravel near Pontesford. The average daily quantity of water available is 1,500 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,250 gallons. Supply is constant.

*Quality of Water.*—Good.



**The Lilleshall Company, Ltd.**—Supplies Oakengates U.D. (part), and part of parish of Shifnal (Shifnal R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Pumped from pit shaft at Stafford Pits, Priorslee; (2) Supply in bulk from the Duke of Sutherland (*see* page 314). Yield of (1) and quantity obtained from (2) not known.

*Works.*—No filtration. Storage reservoir at Redhill, Lilleshall, 800,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Col. A. H. O. Lloyd.**—Supplies part of parish of Shrewsbury St. Alkmund (Atcham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well and bore in sandstone, Leaton. The average daily quantity of water obtained is 1,500 gallons.

*Works.*—No filtration. Reservoir at Leaton, 18,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Lord Marchamley.**—Supplies parts of parishes of (1) Hodnet (Drayton R.D.); (2) Weston and Wixhill under Redcastle (Wem R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone over clay, (1) Weston under Redcastle, (2) Glidewell, Weston. The average daily quantity of water available from each source is, respectively, (1) 36,000 gallons, (2) 25,560 gallons.

*Works.*—No filtration. Reservoirs:—(1) Hawkstone Hall, 40,000 gallons, Marchamley, 6,250 gallons; (2) Citadel Farm, 5,465 gallons.

*Quantity of Water supplied.*—The daily average is (1) 5,184 gallons, (2) 540 gallons. Supply is constant.

*Quality of Water.*—Good.

**A. C. McCorquodale, Esq.**—Supplies part of parish of Cound (Atcham R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, Upper Cound Farm; (2) Spring, Stevens Hill; (3) Spring, Cound Moor. The average daily quantity of water derived from each source is, respectively, (1) 700 gallons, (2) 2,000 gallons, (3) 500 gallons.

*Works.*—No filtration. Reservoirs:—Upper Cound, 1,500 gallons; Stevens Hill, 6,000 gallons.

*Quantity of Water supplied.*—(1) and (3) Adequate; (2) intermittent.

*Quality of Water.*—Good.

**T. Meares, Esq.**—Supplies part of parish of Clive (Wem R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Old Red Sandstone at Clive. Yield not known.

*Works.*—No filtration. Reservoir at Clive, 30,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**H. E. Monk, Esq.**—Furnishes a supply in bulk to Bridgnorth R.D.C.

*Source of Supply (Nature and Sufficiency).*—"Whittal" spring from New Red Sandstone, Alveley, Bridgnorth. Yield not known.

*Works.*—No filtration. Reservoir, tank at Alveley, 1,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very good. Hardness not known. No action on lead.

**Capt. H. R. Moseley.**—Supplies parts of parishes of Buildwas and Sheinton (Atcham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Buildwas and Sheinton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**Earl of Powis.**—Supplies parts of parishes of (1) Montford, (2) Shrawardine (Atcham R.D.); (3) Chirbury (Chirbury R.D.); (4) Lydbury North (Clun R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs:—(1) Montford; (2) Shrawardine; (3) Chirbury; (4) Acton, Lower Down, and Beeches, Lydbury North. The average daily quantity of water obtained from (3) is 1,000 gallons. Yield from (1) (2) and (4) not known.

*Works.*—No filtration. Reservoir, (3) Chirbury, 45,000 gallons.



*Quantity of Water supplied.*—(1) and (2) Adequate; (3) the daily average is 1,000 gallons—supply is constant; (4) ample.

*Quality of Water.*—Good.

**Sir H. W. A. Ripley, Bart.**—Supplies part of parish of Hopton Castle (Clun R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Silurian formation at Hopton Castle. Yield not known.

*Works.*—No filtration. Reservoir at Hopton Castle, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**E. M. Roche, Esq.**—Supplies part of parish of Clungunford (Clun R.D.); and furnishes a supply in bulk to Clun R.D.C.

*Source of Supply (Nature and Sufficiency).*—Spring near Clungunford. Yield not known.

*Works.*—No filtration. Reservoir, near Clungunford, 5,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample; quantity in bulk not known.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**The Hon. F. G. Hamilton-Russell.**—Supplies parts of parishes of Burwarton, Cleobury North, and Ditton Priors (Bridgnorth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring, Brown Clee Hill. The average daily quantity of water available is 100,000 gallons.

*Works.*—No filtration. Reservoirs, various tanks, Brown Clee Hill, 4,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**Sir W. Smythe, Bart.**—Supplies part of parish of Acton Burnell (Atcham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Acton Burnell. The average daily quantity of water obtained is 50,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir:—Acton Burnell, 1,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very good.

**Duke of Sutherland.**—(1) Supplies parts of parishes of Lilleshall, Longford, Woodcote (Newport R.D.); Sheriff Hales (Shifnal R.D.); and furnishes supplies in bulk to Oakengates U.D.C. and Lilleshall Company (see page 313); (2) Supplies part of parish of Tibberton (Newport R.D.); (3) Supplies part of parish of Kinnersley (Wellington R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Artesian well, Hilton Bank, and well at Lilleshall; (2) Well in red sandstone, Tibberton; (3) Well near Kinnersley. The average daily quantity of water available from each source is, respectively, (1) 300,000 gallons; (2) 6,000 gallons; (3) 4,200 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Red Hill, 673,200 gallons; (2) Tibberton, 39,000 gallons; (3) Kinnersley, 29,450 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is (1) 30,000 gallons, and 247,500 gallons in bulk; (2) 5,500 gallons; (3) 3,500 gallons. Supply is constant.

*Quality of Water.*—(1) Occasional chemical and bacteriological examination. Analyst remarks (20th June 1912) that chemically the water is excellent; (2) and (3) good. Hardness:—(1) total, 13.28°; permanent, 6.4°. No action on lead.

**Rev. A. Talbot.**—Supplies part of parish of Edgmond (Newport R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring intercepted underground, from sandstone at Edgmond. Yield not known.

*Works.*—No filtration. Reservoirs:—Edgmond, (a) 11,000 gallons, (b) 13,000 gallons, (c) 22,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is generally constant.

*Quality of Water.*—Good.

**Lord Trevor.**—Supplies parts of parishes of Ellesmere Rural (Ellesmere R.D.); and St. Martin's (Oswestry R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Glynmorlas, St. Martin's. Yield not known.

*Works.*—No filtration. Reservoir at Ifton Heath, St. Martin's, 2,250 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.



**Sir Offley Wakeman, Bart.**—Supplies part of parish of Fitz (Atcham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Grafton. The average daily quantity of water obtained is 1,500 gallons.

*Works.*—No filtration. Reservoirs:—Grafton, 200 gallons; Fitz, 1,200 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Col. F. A. Wolryche-Whitmore.**—Supplies parts of parishes of (1) Quatt Malvern (Bridgnorth R.D.); (2) Leebotwood (Church Stretton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two springs from sandstone, and a well, Quatt Malvern; (2) Spring in Wolstaston. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Quatt Malvern, (a) 40,000 gallons, (b) 500 gallons; (2) Leebotwood, 1,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent.

**R. S. Wilson, Esq.**—Supplies part of parish of Worfield (Bridgnorth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from red sandstone at Chesterton. Yield not known.

*Works.*—No filtration. Reservoir at Chesterton, 2,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

**Major Wingfield.**—Supplies part of parish of Shrewsbury St. Alkmund (Atcham R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Shrewsbury St. Alkmund. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

#### SOMERSETSHIRE.

**Sir C. T. D. Acland, Bart.**—Supplies parishes of Luccombe (part) and Selworthy (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Luccombe and Selworthy. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**H. Allen, Esq.**—Supplies part of parish of Bathampton (Bath R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite on Bathampton Down. The average daily quantity of water available is 150,000 gallons.

*Works.*—No filtration. Reservoir at Hampton Down, 14,000 gallons.

*Quantity of Water supplied.*—The daily average is 8,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Marquess of Bath.**—Supplies part of parish of Selwood (Frome R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Greensand, Selwood. Yield not known.

*Works.*—No filtration. Reservoir at Cole Hill, 5,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**H. H. Pleydell Bouverie, Esq.**—Supplies part of parish of Cutcombe (Williton R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, Wheddon Cross. The average daily quantity of water obtained is 2,500 gallons, and a further 1,500 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Wheddon Cross, (a) 30,000 gallons, (b) 30,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Trustees of the Bristol Municipal Charities.**—Supply part of parish of Burnett (Keynsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from New Red Sandstone, near Burnett. The average daily quantity of water available is 2,000 gallons.



*Works.*—No filtration. Reservoir, tank at Burnett, 2,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**E. Colston, Esq.**—Supplies part of parish of West Lydford (Shepton Mallet R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, Naidens Wood, West Lydford. The average daily quantity of water obtained is 1,200 gallons, and a further 800 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Naidens Wood, 2,980 gallons.

*Quantity of Water supplied.*—The daily average is 1,200 gallons. Supply is constant.

*Quality of Water.*—Good.

**Messrs. R. T. Combe and T. B. Clarke.**—Supply part of parish of Donyatt (Chard R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Donyatt. Yield not known.

*Works.*—No filtration. Reservoir at Donyatt, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Croscombe Voluntary Committee.**—Supplies part of parish of Croscombe (Shepton Mallet R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Croscombe. Yield not known.

*Works.*—No filtration. Reservoir, tank at Croscombe, capacity not known.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Messrs. G. B. Darby and A. D. Paul.**—Supply part of parish of Chard (Chard R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Crimchard. The average daily quantity of water obtained is 1,200 gallons, and a further 9,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Crimchard, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,200 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**H. J. Davis, Esq.**—Supplies part of parish of Sutton Montis (Wincanton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Midford Sands, Pen Hill, Sutton Montis. The average daily quantity of water obtained is 5,760 gallons.

*Works.*—No filtration. Reservoir at Pen Hill, 5,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Duke of Devonshire.**—Supplies part of parish of Long Sutton (Langport R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Long Sutton. The average daily quantity of water available is 19,000 gallons.

*Works.*—No filtration. Reservoir at Long Sutton, 15,860 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**F. J. B. Wingfield-Digby, Esq.**—Supplies part of parish of Charlton Horethorne (Wincanton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, at Charlton Horethorne. The average daily quantity of water available is 55,000 gallons.

*Works.*—No filtration. Reservoir at Charlton Gorse, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**Downside Abbey Waterworks.**—Supplies part of parish of Stratton on the Fosse (Shepton Mallet R.D.); and furnishes supplies in bulk to Midsomer Norton U.D.C. (see page 93), Clutton R.D.C., and Shepton Mallet R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Spring from Carboniferous Limestone, intercepted underground, at Gurney Slade. The average daily quantity of water obtained is 172,234 gallons; and a further 1,228,000 gallons could be obtained.



*Works.*—No filtration. Reservoir:—Downside, Stratton on the Fosse, 600,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 32,093 gallons, and 140,141 gallons in bulk. Supply is constant.

*Quality of Water.*—Quarterly chemical and annual bacteriological examination. Analyst remarks (24th December 1913) that chemically the water is excellent, but that bacteriologically it is doubtful. Hardness, 22·5°. No action on lead.

**Mrs. F. L. Dyson.**—Supplies part of parish of Merriott (Chard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Three springs in West Crewkerne. The average daily quantity of water obtained is 1,500 gallons.

*Works.*—No filtration. Reservoirs:—Tanks in Merriott, (a) 400 gallons, (b) 400 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**E. Wheler Galton, Esq.**—Supplies part of parish of Loxton (Axbridge R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Loxton. Yield not known, but the supply is unlimited.

*Works.*—Water is filtered. Reservoirs at Loxton, (a) 10,000 gallons, (b) 6,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very good, but hard.

**Mrs. A. T. Chafyn-Grove.**—Supplies part of parish of East Coker (Yeovil R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sand and limestone, at Burton, East Coker. The average daily quantity of water obtained is 15,000 gallons, and a further 8,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Very good.

**Mrs. D. M. Heneage.**—Supplies parts of parishes of East Coker, Pendomer, and Sutton Bingham (Yeovil R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Isles, East Coker; (2) Spring at Burton, East Coker; (3) Spring at Kithill, Pendomer; (4) Wells at Sutton Bingham. The average daily quantity of water obtained from (2) is 15,000 gallons; yield of (1), (3) and (4) not known.

*Works.*—No filtration. Reservoirs at Pendomer and East Coker; capacity not known.

*Quantity of Water supplied.*—(1), (3) and (4) ample, (2) occasionally limited.

*Quality of Water.*—Good.

**G. A. Hodgkinson, Esq.**—Supplies parts of parishes of Wells St. Cuthbert Out, and Wookey (Wells R.D.).

*Source of Supply (Nature and Sufficiency).*—River Axe. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir J. Horner.**—Supplies parts of parishes of Leigh upon Mendip, and Mells (Frome R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Oolite and Carboniferous Limestone, at Leigh upon Mendip and Mells. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Wholesome.

**H. W. Paget Hoskyns, Esq.**—Supplies part of parish of North Perrott (Yeovil R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Fuller's Earth, at North Perrott. The average daily quantity of water available is 3,500 gallons.

*Works.*—No filtration. Reservoir at North Perrott, 5,500 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**Earl of Ilchester.**—Supplies parts of parishes of Chiselborough and West Chinnock (Yeovil R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Chiselborough Hill, and spring at West Chinnock. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**G. C. L. Insole, Esq.**—Supplies part of parish of Luxborough (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and wells at Luxborough. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Capt. W. Vaughan Jenkins.**—Supplies part of parish of Priston (Keynsham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Nailwell. Yield not known.

*Works.*—No filtration. Reservoir at Nailwell (underground), capacity not known.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Gen. Inigo Jones.**—Supplies part of parish of Kelston (Keynsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lias and sand at Kelston. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. W. Kettlewell, Esq.**—Supplies part of parish of East Harptree (Clutton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two springs from Dolomitic Conglomerate, Grove Wood; (2) Spring from Mendip flint, Smitham Hill. The average daily quantity of water available from each source is, respectively, (1) (a) 3,000 gallons, (b) 3,000 gallons; and (2) 9,000 gallons.

*Works.*—No filtration. Reservoirs:—Tanks near Grove Wood, (a) 4,000 gallons, (b) 2,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**A. L. Langman, Esq.**—Supplies parts of parishes of South Cadbury and Weston Bampfylde (Wincanton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Cadbury Rings and East End. Yield not known.

*Works.*—No filtration. Reservoirs:—Cadbury Rings, 2,500 gallons; and East End, 1,300 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir A. W. Lawrence, Bart.**—Supplies part of parish of North Stoke (Keynsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Lansdown Hill, North Stoke. Yield not known.

*Works.*—No filtration. Reservoir, tank at Lansdown Hill, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Col. A. V. H. Vaughan Lee.**—Supplies Ilminster U.D. (part); and parts of parishes of Ilminster Without and White Lackington (Chard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Marlstone:—(1) Chink, Kingstone; (2) Long Orchard Hill, Ilminster. The average daily quantity of water available from each source is, respectively, (1) 17,500 gallons, (2) 3,000 gallons.

*Works.*—No filtration. Reservoirs:—Chink, (a) 460 gallons, (b) 4,800 gallons; Long Orchard Hill, 3,000 gallons; Butts, Ilminster, 4,800 gallons.

*Quantity of Water supplied.*—The daily average is 12,600 gallons. Supply is intermittent.

*Quality of Water.*—Satisfactory.



**A. F. Luttrell, Esq.**—Supplies parts of parishes of (1) Carhampton, Withycombe; (2) Dunster; (3) East Quantoxhead, Kilton with Lilstock, Kilve, Old Cleeve; and (4) Minehead Without (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Upland surface, 200 acres, at Higher Redhuish and Combe Farms; (2) (a) Upland surface, 200 acres, Broadwood Common, (b) Upland surfaces, 150 acres, at Longcombe; (3) Upland surfaces, (a) Quantock Hills, (b) Quantock Hills, (c) Lower Redhuish; (4) (a) Gathering ground, 100 acres, Hopcott Common, Wootton Courtney, (b) Upland surfaces on North Hill, Minehead, (c) Upland surfaces, 140 acres, on Perriton Hill, Minehead. The average daily quantity of water derived from each source is, respectively, (1) 21,000 gallons; (2) (a) 30,000 gallons, (b) 15,000 gallons; (3) (a) not known, (b) 10,500 gallons, (c) 30,000 gallons; (4) (a) 3,500 gallons, (b) 18,000 gallons, (c) 6,000 gallons.

*Works.*—No filtration. *Reservoirs:*—(1) Carhampton, 10,000 gallons; Withycombe, 3,000 gallons; Combe Lane (a) 100 gallons, (b) 100 gallons; (2) Dunster Castle, 45,000 gallons; Staunton Alcombe, 15,000 gallons; Broadwood, 500 gallons; Longcombe, 100 gallons; (3) East Quantoxhead (a) 5,000 gallons, (b) 8,000 gallons; Kilton, 6,000 gallons; Lower Redhuish, 6,000 gallons; Townsend Farm, 200 gallons; Dunscombe, 500 gallons; (4) Higher Hopcott Farm, 3,000 gallons; North Hill, 3,000 gallons; Grexy, 5,000 gallons; The Beacon, Minehead, 30,000 gallons; Hopcott Common, 50 gallons; Woodcombe, 200 gallons; Perriton Hill, 200 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good and soft, but lead pipes are not used. The water contains some iron.

**E. D. Marden, Esq.**—Supplies parts of parishes of Marston Magna, and Rimpton (Yeovil R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well 208 feet in Marlstone, Rimpton Hill. The average daily quantity of water available is 90,000 gallons.

*Works.*—No filtration. *Reservoir at Rimpton Hill,* 15,000 gallons.

*Quantity of Water supplied.*—The daily average is 7,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**M. Notley, Esq.**—Supplies part of parish of Monksilver (Williton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Devonian formation. The average daily quantity of water available is 3,000 gallons.

*Works.*—No filtration. *Reservoir at Notley,* 1,500 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Very good, and moderately hard.

**Sir R. A. S. Paget, Bart.**—Supplies parts of parishes of (1) Doultling, and (2) East Cranmore (Shepton Mallet R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Oolite formation at Doultling; (2) Springs from Old Red Sandstone, East Cranmore. Yield not known.

*Works.*—No filtration. *Reservoirs:*—(1) Doultling, 6,000 gallons; (2) East Cranmore, 40,000 gallons.

*Quantity of Water supplied.*—(1) The daily average is 2,500 gallons—supply is constant; (2) plentiful.

*Quality of Water.*—(1) Good; (2) of great organic purity.

**B. S. D. Penny, Esq.**—Supplies part of parish of West Coker (Yeovil R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Font Hill, West Coker. The average daily quantity of water obtained is 9,000 gallons.

*Works.*—No filtration. *Reservoirs at Font Hill,* (a) 12,000 gallons, (b) 14,000 gallons.

*Quantity of Water supplied.*—Fair.

*Quality of Water.*—Very good.

**A. Poole, Esq.**—Supplies Ilminster U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Two wells, 60 feet, in Midford Sands at Ilminster. Yield not known.

*Works.*—No filtration. *Reservoir at Scotchies,* 10,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**R. P. H. Batten Poole, Esq.**—Supplies parish of Woolverton (Frome R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Woolverton. Yield not known.

*Works.*—Water is filtered. *Reservoir at Woolverton,* 60,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**Viscount Portman.**—Supplies parishes of (1) Thurloxtan (part) (Bridgwater R.D.); (2) Puckington (Langport R.D.); (3) Downhead (part); (4) Evercreech (part); (5) Pylle (part) (Shepton Mallet R.D.); (6) Bickenhall (part), Curland (part), Staple Fitzpaine (part); (7) Thurlbear (part) (Taunton R.D.); (8) Corton Denham (part) (Wincanton R.D.); (9) Closworth (part); (10) East Chinnock (part), Haselbury Plucknett (part); (11) Hardington Mandeville (part); (12) West Coker (part) (Yeovil R.D.); and furnishes supplies in bulk to Shepton Mallet R.D.C. from (4), and Taunton R.D.C. from (6).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Middle Lias, Thurloxtan; (2) Well in Lias, Puckington; (3) Springs from Carboniferous Limestone, Downhead; (4) Spring from Middle Lias, Evercreech Park Farm; (5) Springs from Middle Lias, Easton Hill, and Writh; (6) Springs from Upper Greensand, Staple Hill; (7) Springs from Rhaetic formation, Thurlbear; (8) Spring from Inferior Oolite, Corton Ridge; (9) Well in Cornbrash, Closworth; (10) Spring from Oolite, Eastfield Farm, West Chinnock; (11) Spring from Oolite, Manor Farm; (12) Spring from Oolite, Coker Hill. Yield not known.

*Works.*—No filtration. Reservoirs, tanks:—(1) Flood's Bottom, Thurloxtan, 1,500 gallons; Higher Clavelshay Farm, North Petherton, 2,000 gallons; (2) Puckington, 10,000 gallons; (3) near Heale Farm, Downhead, 1,000 gallons; (4) Park Farm, Evercreech, 1,000 gallons; (5) Easton Hill, Pylle, 2,000 gallons; (6) South Hill Farm, Staple Fitzpaine, 100,000 gallons; Staple Fitzpaine, 10,000 gallons; Bickenhall, (a) 25,000 gallons, (b) 100,000 gallons; (7) Thurlbear, 3,000 gallons; (8) Wheatsheaf Hill, Corton Denham, 2,000 gallons; Sandford Orcas, 1,000 gallons; (9) near Manor Farm, Closworth, 1,000 gallons; (10) Barrows Hill, Haselbury, 13,000 gallons; Chinnock Hollow, East Chinnock, 2,000 gallons; (11) Pig Hill, Hardington, 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness not known.

**Earl Poulett.**—Supplies parts of parishes of Hinton St. George, and Lopen (Chard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) at Hinton Park, (2) at Lopen. The average daily quantity of water derived from (1) is 11,000 gallons, and a further 25,000 gallons per day could be obtained. Yield of (2) not known.

*Works.*—No filtration. Reservoirs:—Hinton Park, 80,000 gallons, and tank at Lopen, 450 gallons.

*Quantity of Water supplied.*—The daily average is 11,250 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Lord St. Audries.**—Supplies parts of parishes of (1) Sampford Brett, and (2) Stogursey (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well at Sampford Brett; (2) Spring from limestone in an old mine, at Dodington. The average daily quantity of water available from each source is, respectively, (1) 6,000 gallons, (2) 100,000 gallons.

*Works.*—No filtration. Reservoirs:—(1) Sampford Brett, 20,000 gallons; (2) Dodington (two), capacity not known.

*Quantity of Water supplied.*—(1) Adequate; (2) the daily average is 2,000 gallons—supply is constant.

*Quality of Water.*—Good, and soft.

**Col. E. C. A. Sanford.**—Supplies part of parish of Langford Budville (Wellington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs near Langford Budville. The average daily quantity of water obtained is 2,000 gallons.

*Works.*—No filtration. Reservoirs:—Langford Budville, 7,000 gallons; and Bear Farm, 1,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Miss M. J. Seymour (in lunacy—H. H. P. Bouverie, Esq.).**—Supplies part of parish of Charlton Horethorne (Wincanton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Midford Sands, Charlton Hills. Yield not known.

*Works.*—No filtration. Reservoir at Charlton Hill, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. H. Shepstone, Esq.**—Supplies part of parish of Nailsea (Long Ashton R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Nailsea. Yield not known.

*Works.*—No filtration. Reservoir, tower at Nailsea, 4,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.



**Capt. Quantock Shuldham.**—Supplies part of parish of Norton sub Hamdon (Yeovil R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring from Oolitic limestone, Norton Wood, Norton sub Hamdon. The average daily quantity of water obtained is 27,000 gallons.

*Works.*—No filtration. Reservoir at Norton Wood, 600 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**C. E. Small, Esq.**—Supplies part of parish of Chard (Chard R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk and Greensand, at South Chard and Perry Street. Yield not known.

*Works.*—No filtration. Reservoir at Dyke Hill, 9,500 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Duke of Somerset.**—Supplies part of parish of Witham Friary (Frome R.D.).

*Sources of Supply (Nature and Sufficiency).*—Five springs from Upper Greensand, in West End Wood, three miles from Witham Friary. The average daily quantity of water available is 35,000 gallons.

*Works.*—Water is filtered. Reservoirs:—West End Wood, 15,000 gallons; Witham Friary, 10,000 gallons.

*Quantity of Water supplied.*—The daily average is 25,000 gallons. Supply is constant.

*Quality of Water.*—Pure.

**A. F. Somerville, Esq.**—Supplies part of parish of Dinder (Wells R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Old Red Sandstone, at Masbury. Yield not known.

*Works.*—No filtration. Reservoirs:—Dinder, 7,500 gallons; Sharcombe, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**F. Spencer, Esq.**—Supplies parts of parishes of (1) Ashwick, and (2) West Cranmore (Shepton Mallet R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) and (2) Springs from limestone and Old Red Sandstone, Mendip Hill. The average daily quantity of water derived from (2) is 2,640 gallons. Yield of (1) not known.

*Works.*—No filtration. Reservoirs:—(1) Tank at Ashwick, 9,000 gallons; (2) Mendip, 18,000 gallons.

*Quantity of Water supplied.*—(1) Plentiful; (2) the daily average is 2,500 gallons—supply is constant.

*Quality of Water.*—Pure.

**Earl Temple.**—Supplies parts of parishes of Corston, Newton St. Loe, and Stanton Prior (Keynsham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lower Lias formation:—(1) Corston; (2) Newton St. Loe; (3) Stanton Prior. The average daily quantity of water derived from each source is, respectively, (1) 7,000 gallons; (2) 10,800 gallons; (3) 6,170 gallons.

*Works.*—No filtration. Reservoirs:—Corston, 13,500 gallons; Newton St. Loe, 11,625 gallons; Stanton Prior, 5,175 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Hon. Mrs. Trollope.**—Supplies part of parish of Crowcombe (Williton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Quantock Hill. Yield not known.

*Works.*—No filtration. Reservoirs in Crowcombe Park (a) 2,304 gallons, (b) 2,880 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**C. C. Tudway, Esq.**—Supplies part of parish of Wells St. Cuthbert Out (Wells R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Dulcote Hill. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**G. R. Wainwright, Esq.**—Supplies part of parish of Christon (Axbridge R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Dolomitic Conglomerate, Christon. The average daily quantity of water available in winter is 30,000 gallons.

*Works.*—No filtration. Reservoir at Christon, 11,500 gallons.

*Quantity of Water supplied.*—The daily average is 450 gallons. Supply is intermittent.

*Quality of Water.*—Good, but hard.

**Earl Waldegrave.**—Supplies part of parish of Chewton Mendip (Wells R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Old Red Sandstone, Eaker Hill, Chewton Mendip. Yield not known.

*Works.*—No filtration. Reservoirs:—Eaker Hill, Chewton Mendip, (a) 10,000 gallons, (b) 10,000 gallons, and (c) 10,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Welton Breweries, Ltd.**—Supply part of parish of Elm (Frome R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring, intercepted underground, from Carboniferous Limestone, Buckland Denham. Yield not known.

*Works.*—No filtration. Reservoir, underground tank at Buckland Denham, 500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

### SOUTHAMPTON.

**S. Bostock, Esq.**—Supplies parishes of Lainston, Littleton (part), and Sparsholt (part) (Winchester R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Crabwood, near Winchester. Yield not known.

*Works.*—No filtration. Reservoir at Crabwood, 110,000 gallons.

*Quantity of Water supplied.*—The daily average is 12,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**The Hon. Mrs. A. G. Calthorpe.**—Supplies part of parish of Elvetham (Hartley Wintney R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Star Hill, Elvetham. The average daily quantity of water obtained is 2,000 gallons, and a further 2,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Star Hill, Elvetham, 4,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very good.

**Sir G. A. Cooper, Bart.**—Supplies parts of parishes of Farley Chamberlayne and Hursley (Hursley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 146 feet, in Upper Chalk, Hursley Park; (2) Artesian borehole, 500 feet, in Upper Chalk, at Home Farm, Hursley Park. The average daily quantity of water derived from each source is, respectively, (1) 8,079 gallons, (2) 18,996 gallons.

*Works.*—Filtration—(1) 1,000 gallons, (2) 1,781 gallons per square yard per day. Reservoirs:—Violet Hill, 157,500 gallons; Farley, 59,000 gallons; Hursley, 90,000 gallons.

*Quantity of Water supplied.*—The daily average is 27,074 gallons. Supply is constant.

*Quality of Water.*—Good.

**Capt. W. V. Faber, M.P., and E. H. Jellett, Esq.**—Supply part of parish of Kimpton (Andover R.D.) and (in Wiltshire) part of parish of Ludgershall (Pewsey R.D.).

*Powers.*—Ludgershall Water Order, 1903.

*Limits.*—Parishes of Kimpton (Andover R.D.) and Ludgershall (Pewsey R.D.)

*Source of Supply (Nature and Sufficiency).*—Well, 220 feet, in chalk at Faberstown, Ludgershall. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoir at Faberstown, 20,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 45,000 gallons. Supply is constant.

*Quality of Water.*—Periodical chemical examination. Analyst remarks (6th January 1910) that chemically the water is excellent. Hardness:—total, 15.9°; permanent, 3°. No action on lead.



**G. A. Gale, Esq.**—Supplies parts of parishes of Blendworth and Catherington (Catherington R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 180 feet, in Chalk, at Crookley. The average daily quantity of water obtained is 1,000 gallons.

*Works.*—No filtration. Reservoir at Crookley, Horndean, 10,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Hotham.**—Supplies part of parish of East Meon (Petersfield R.D.); and furnishes a supply in bulk to Petersfield R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well in Chalk at East Meon. The average daily quantity of water obtained is 6,500 gallons, and a further 39,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—East Meon, (a) 30,000 gallons, (b) 10,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,500 gallons and 3,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Good. Hardness not known. No action on lead.

**Sir Eustace Clark Jervoise, Bart.**<sup>o</sup>—Supplies part of parish of Idsworth (Catherington R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk at Rowlands Castle. Yield not known.

*Works.*—No filtration. Reservoir, tower at Rowlands Castle, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Lord Montague of Beaulieu.**—Supplies part of parish of Beaulieu (New Forest R.D.)

*Source of Supply (Nature and Sufficiency).*—Spring from white gravel, Hill Top, Beaulieu. Yield not known.

*Works.*—Water is filtered. Reservoirs at Beaulieu, (a) 30,000 gallons, (b) 40,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent, and soft.

**H. C. Stephens, Esq.**—Supplies parts of parishes of Amport, Quarley, Shipton Bellinger, Thruxton (Andover R.D.), and (in Wiltshire) parish of Cholderton (Amesbury R.D.).

*Powers.*—Cholderton and District Water Order, 1904.

*Limits.*—Parishes of Amport (part), Quarley (part), Shipton Bellinger (part), Thruxton (part) (Andover R.D.); Bulford (part), and Cholderton (Amesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells, 215 feet, in Chalk, at Thruxton Hill. The average daily quantity of water obtained is 20,000 gallons, and a further 40,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Thruxton Hill, (a) 200,000 gallons, (b) 100,000 gallons, (c) 100,000 gallons, (d) 25,000 gallons, (e) 25,000 gallons; Middlecot Hill, 100,000 gallons; Ann's Farm, 50,000 gallons; Cholderton, 30,000 gallons; Shipton, 30,000 gallons; Shipton Wood, 30,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 20,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 13°. No action on lead.

## STAFFORDSHIRE.

**Messrs. Thomas Bolton and Sons, Ltd.**—Supply part of parish of Oakamoor (Cheadle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from red sandstone, Springfield, Oakamoor. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Rev. Sir R. Boughhey, Bart.**—Supplies parts of parishes of Forton and Gnosall (Gnosall R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from red sandstone at Meretown, Forton, Wilbrihton, Sutton, and Broadhill. Yield not known.

*Works.*—No filtration. Reservoirs:—Meretown, Forton, and Wilbrihton, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



- H. B. M. Buchanan, Esq.**—Supplies part of parish of Tyrley (Blore Heath R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from New Red Sandstone, Tyrley. The average daily quantity of water available is 250,000 gallons.  
*Works.*—Water is filtered. Reservoir at Park Springs Farm, Tyrley, capacity not known.  
*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.  
*Quality of Water.*—Excellent. Water contains some iron.
- The Dowager Lady Burton.**—Supplies part of parish of Tatenhill (Tutbury R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Deep wells at Rangemore. The average daily quantity of water obtained is 16,000 gallons.  
*Works.*—No filtration. Reservoirs at Rangemore, tanks, (a) 16,000 gallons, (b) 12,000 gallons, (c) 8,000 gallons; tower, 16,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Satisfactory.
- Cannock Conduit Trustees.**—Supply Cannock U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Rumer Hill and The Newlands. Yield not known.  
*Works.*—No filtration. Reservoirs:—Rumer Hill, and The Newlands; capacity not known. Pressure is insufficient.  
*Quantity of Water supplied.*—Intermittent.  
*Quality of Water.*—Good—occasional bacteriological examination. Soft, but no action on lead.
- Mrs. Cathcart (in lunacy—The Official Solicitor).**—Supplies parish of Ramshorn (Mayfield R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from red sandstone, conglomerate, and Yoredale sandstones, Ramshorn. Yield not known.  
*Works.*—Part of the water is filtered. Reservoirs:—Ramshorn, 5,000 gallons; Eid Low, Ramshorn, 12,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.
- Mrs. Chadwick.**—Supplies parish of Hints (Tamworth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Hints. The average daily quantity of water available is 40,000 gallons.  
*Works.*—No filtration. Reservoir at Hints, capacity not known.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.
- Draycott in the Clay Parish Council.**—Supplies part of parish of Draycott in the Clay (Utttoxeter R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring from gravel, at Hanbury. The average daily quantity of water available is 1,500 gallons.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, but fairly hard.
- C. E. Morris Eyton, Esq.**—Supplies part of parish of Church Eaton (Gnosall R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring at High Onn, Church Eaton; (2) Spring at Wood Eaton Hall Farm, Church Eaton. The average daily quantity of water available from each source is, respectively, (1) 720 gallons, (2) 12,300 gallons.  
*Works.*—No filtration. Reservoirs:—High Onn, 500 gallons; Wood Eaton, 40,000 gallons.  
*Quantity of Water supplied.*—The daily average is (1) 100 gallons, (2) 500 gallons. Supply is constant.  
*Quality of Water.*—Fair.
- Lady Feilden.**—Supplies part of parish of Dilhorne (Cheadle R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, at Stanemore. The average daily quantity of water available is 30,000 gallons.  
*Works.*—No filtration. Reservoirs:—two near Dilhorne Hall, capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.



**Mrs. A. L. T. Greaves.**—Supplies part of parish of Mayfield (Mayfield R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Mayfield. Yield not known.

*Works.*—No filtration. Reservoir at Mayfield, 18,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**The Hamstead Colliery Company, Ltd.**—Supplies Perry Barr U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Hamstead.

The average daily quantity of water obtained is 50,000 gallons.

*Works.*—No filtration. Reservoir, tank at Hamstead, 16,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory—occasional chemical examination. Very soft, but no action on lead.

**Earl of Harrowby.**—Supplies part of parish of Sandon (Stone R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from grey sandstone, at Sandon.

The average daily quantity of water obtained is 10,000 gallons.

*Works.*—No filtration. Reservoir at Sandon, 1,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir A. P. Heywood, Bart.**—Supplies part of parish of Denstone (Uttoxeter R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from clay at Denstone. Yield not known.

*Works.*—No filtration. Reservoir at Denstone, 40,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but rather hard.

**A. J. Hoole, Esq.**—Supplies part of parish of Gnosall (Gnosall R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Chatwell. Yield not known.

*Works.*—No filtration. Reservoirs; two tanks at Gnosall, 3,000 gallons each.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Pure.

**Earl of Lichfield.**—Supplies part of parish of Colwich (Stafford R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Haywood Park. Yield not known.

*Works.*—No filtration. Reservoir; White Barn tank, Great Haywood, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent.

**Lichfield Conduit Lands Trustees.**—Supply Lichfield B. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Wells and boreholes in red sandstone, Walsall Road, Lichfield; (2) Boreholes in sandstone, Aldershaw, near Lichfield. The average daily quantity of water derived from each source is, respectively, (1) 238,000 gallons, (2) 35,000 gallons, and a further 760,000 gallons per day could be obtained from (1).

*Works.*—No filtration. Reservoir at Beacon Street, Lichfield, 360,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 273,000 gallons. Supply is constant.

*Quality of Water.*—Annual chemical and occasional bacteriological examination. Analyst remarks (13th November 1913) that the water is satisfactory. Hardness:—(1) total 11·05°, permanent 5·10°; (2) total 14·64°, permanent 9·0°. No action on lead.

**J. B. Lloyd, Esq.**—Supplies part of parish of Muckleston (Blore Heath R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 156 feet, in red sandstone Mim Bank. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoir at Muckleston, 16,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**London and North Western Railway Company.** See Cheshire.



**Mrs. E. J. Cavanagh-Mainwaring.**—Supplies part of parish of Whitmore (Newcastle under Lyme R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring, near Whitmore; (2) Well, at Limpits. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Whitmore, 8,000 gallons; (2) Limpits, 4,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**F. H. L. Meynell, Esq.**—Supplies part of parish of Muckleston (Blore Heath R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Muckleston. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Lord Middleton.**—Supplies part of parish of Middleton (Tamworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs at Middleton. Yield not known.

*Works.*—No filtration. Reservoirs:—Middleton, 16,000 gallons; Sutton Lane, 5,000 gallons; Aller End, 3,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but rather hard.

**Sir O. Mosley, Bart.**—Supplies parts of parishes of (1) Rolleston and (2) Tutbury (Tutbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole, 500 feet, at Rolleston Hall; (2) Well, 60 feet, Chapel House, Tutbury. The average daily quantity of water available from each source is, respectively, (1) 288,000 gallons, (2) 9,500 gallons.

*Works.*—No filtration. Reservoirs:—(1) Rolleston, 50,000 gallons, (2) Chapel House, Tutbury, 12,000 gallons.

*Quantity of Water supplied.*—(1) Adequate; (2) the daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**North Staffordshire Railway Company.**—Supplies parts of parishes of Cauldon, Cotton, and Farley (Cheadle R.D.); and furnishes supplies in bulk to Cheadle R.D.C. and Mayfield R.D.C.

*Source of Supply (Nature and Sufficiency).*—Borehole at Cauldon Lowe, Cotton. Yield not known.

*Works.*—No filtration. Storage reservoir at Farley, 165,750 gallons.

*Quantity of Water supplied.*—The daily average is 4,140 gallons; quantity in bulk not known. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (30th November 1911) that the water is suitable for drinking. Hardness:—total, 6·8°; permanent, 5·2°.

**Earl of Shrewsbury and Talbot.**—Supplies parts of parishes of (1) Alton (Cheadle R.D.); (2) Hopton and Coton, Ingestre, and Tixall (Stafford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from limestone, Ganderwall, Cotton; (2) (a) Well in sandstone, Salt Heath, Hopton, (b) Spring from sandstone, Weston, (c) Spring from clay and rock, Tixall Hall. The average daily quantity of water derived from each source is, respectively, (1) not known; (2) (a) 3,000 gallons, (b) 7,200 gallons, (c) 1,400 gallons, and a further 15,000 gallons per day could be obtained from (2) (b).

*Works.*—Water from (1) only is filtered. Reservoirs:—(1) Lickshead, Ramshorn, 26,000 gallons; Alton, 2,000 gallons; (2) Hopton, 9,000 gallons; Ingestre, 20,000 gallons; Tixall, 72,000 gallons.

*Quantity of Water supplied.*—(1) Fair; (2) adequate.

*Quality of Water.*—Good.

**Messrs. Simpson Brothers, Ltd.**—Supply part of parish of Mayfield (Mayfield R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in gravel and red sandstone, Mayfield Mill. The average daily quantity of water obtained is 3,600 gallons, and a further 750 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Mayfield Mill, (a) 2,900 gallons, (b) 3,700 gallons.

*Quantity of Water supplied.*—The daily average is 2,830 gallons. Supply is constant.

*Quality of Water.*—Good.



**Duke of Sutherland.**—Supplies part of parish of Stone Rural (Stone R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Beech. Yield not known.  
*Works.*—No filtration. Reservoir at Tittensor, capacity not known.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**Lord Vernon.** See Derbyshire.

### SUFFOLK, EAST.

**R. J. Colman, Esq.**—Supplies part of parish of Corton (Mutford and Lothingland R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from sand and gravel, The Common, Gunton. Yield not known.  
*Works.*—No filtration. Reservoir, tank at Corton, 14,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Messrs. Greene, King, and Sons, Ltd.**—Supply Stowmarket U.D. (part) and part of parish of Stowupland (East Stow R.D.).  
*Powers.*—Stowmarket Water Order, 1887.  
*Limits.*—Stowmarket U.D.; parish of Stowupland (East Stow R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Two wells, Station Road, Stowmarket. The average daily quantity of water available is 70,000 gallons.  
*Works.*—Pressure filters. Reservoir at Finboro' Road, Stowmarket, 200,000 gallons.  
*Quantity of Water supplied.*—Abundant.  
*Quality of Water.*—Excellent. Hardness:—total, 25°; permanent, 12°.

### SUFFOLK, WEST.

**Earl Cadogan.**—Supplies part of parish of Culford (Thingoe R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in Chalk at Culford. Yield not known.  
*Works.*—No filtration. Reservoir, tank at Culford, capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, but hard (softened before distribution).

**Lord Loch.**—Supplies part of parish of Stoke by Clare (Clare R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in Chalk, Stoke by Clare. The average daily quantity of water available is 3,000 gallons.  
*Works.*—Water is filtered. Reservoir at Stoke by Clare, 50,000 gallons.  
*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.  
*Quality of Water.*—Good.

**C. E. Cumberledge-Ware, Esq.**—Supplies part of parish of Poslingford (Clare R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well at Poslingford. Yield not known.  
*Works.*—No filtration. Reservoir, tank at Poslingford capacity not known.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**John Wood, Esq., M.P.**—Supplies part of parish of Risby (Thingoe R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from Chalk, at Risby. The average daily quantity of water available is 770 gallons.  
*Works.*—No filtration. Reservoir at Risby, 1,850 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, but hard.

### SURREY.

**Sir R. M. Bray.**—Supplies part of parish of Shere (Guildford R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Three wells in gravel and sand, Shere. The average daily quantity of water obtained is 51,000 gallons.  
*Works.*—No filtration. Reservoir at Shere, 100,000 gallons.  
*Quantity of Water supplied.*—The daily average is 35,000 gallons. Supply is constant.  
*Quality of Water.*—Very good.

**C. Heath, Esq.**—(See Addenda, page 599.)



**G. McKibbin, Esq.**—Supplies part of parish of Wanborough (Guildford R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring at Wanborough. Yield not known.

*Works.*—No filtration. Reservoir:—Tank at Xmas Pie, 1,750 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good, but hard.

**Duke of Northumberland.**—Supplies part of parish of Albury (Guildford R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Postford, Albury; (2) Spring at Sherbourne; (3) Spring at Brook, Albury. The average daily quantity of water derived from each source is, respectively, (1) 8,640 gallons; (2) 4,320 gallons; (3) 1,230 gallons. A further 1,440 gallons per day could be obtained from (1), 5,760 gallons from (2), and 1,650 gallons from (3).

*Works.*—Filtration at (1) only, 843 gallons per square yard per day. Reservoirs:—The Warren, Albury, 50,000 gallons; Sherbourne, 7,800 gallons; Brook, 7,200 gallons.

*Quantity of Water supplied.*—(1) Sufficient; (2) the daily average is 4,320 gallons, and (3) 1,230 gallons—supply is constant.

*Quality of Water.*—Good.

**E. Spooner, Esq.**—Supplies Windlesham U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Lake fed by springs, Penny Hill Park, Bagshot. The average daily quantity of water available is 90,000 gallons.

*Works.*—Water is filtered. Reservoir at Saw Mills, Bagshot, 500,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**The Commissioners of H.M. Woods, &c.** See Berkshire.

### SUSSEX, EAST.

**W. R. Arbuthnot, Esq.**—Supplies parts of parishes of Forest Row and West Hoathly (East Grinstead R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and wells in Plaw Wood and Mays Wood. Yield not known.

*Works.*—No filtration. Reservoirs at Plawhatch:—(a) 20,000 gallons, (b) 20,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Executors of the late W. L. Christie.**—Supply parts of parishes of Glynde and Ringmer (Chailey R.D.).

*Source of Supply (Nature and Sufficiency).*—Well with boring to Lower Greensand, near Middleham, Ringmer. The average daily quantity of water available is 10,000 gallons.

*Works.*—No filtration. Reservoirs at Glyndebourne Hill, 150,000 gallons.

*Quantity of Water supplied.*—The daily average is 8,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Messrs. A. H. and B. A. Clough.**—Supply part of parish of Hartfield (East Grinstead R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Atchford Wood. The average daily quantity of water obtained is 10,000 gallons.

*Works.*—No filtration. Reservoirs at Spyfield (a) 120,000 gallons, (b) 35,000 gallons, (c) 10,000 gallons.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Fulking Parish Council.**—Supplies part of parish of Fulking (Steyning East R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk, Fulking Hill. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. W. Grantham, Esq.**—Supplies part of parish of Barcombe (Chailey R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells in sand and gravel at Barcombe. Yield not known.

*Works.*—No filtration. Reservoir, tank at Barcombe, 7,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.



**London, Brighton and South Coast Railway Company.**—Supply Newhaven U.D. (part) and part of parish of Bishopstone (Newhaven R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Denton. The average daily quantity of water available is 320,000 gallons.

*Works.*—No filtration. Reservoir at Denton, 175,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Mrs. Montefiore.**—Supplies part of parish of Worth (East Grinstead R.D.).

*Source of Supply (Nature and Sufficiency).*—Deep well in Tunbridge Wells sand and East Grinstead clay, at Worth. Yield not known.

*Works.*—Water is filtered. Reservoir at Worth Park, 150,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Poynings Parish Council.**—Supplies part of parish of Poynings (Steyning East R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk, Dyke Hill. The average daily quantity of water available is 14,400 gallons.

*Works.*—No filtration. Reservoir at Poynings, 4,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Messrs. J. and H. Robinson.**—Supply part of parish of Iford (Newhaven R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Iford. Yield not known.

*Works.*—No filtration. Reservoir at Iford, 50,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

## SUSSEX, WEST.

**W. B. M. Bird, Esq.**—Supplies part of parish of Eartham (Westhampnett R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well, 350 feet, in Chalk, Eartham House. The average daily of water obtained is 1,000 gallons, and a further 12,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Eartham Mount, 18,500 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Cowdray.**—Supplies parts of parishes of (1) Cocking, and (2) Easebourne (Midhurst R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Pond fed by spring from Chalk, over Upper Greensand, Brookhouse Meadow, Cocking; (2) (a) Springs from Lower Greensand overlying Atherfield Clay, at Henley, (b) Spring from Lower Greensand, Knightons Well, Easebourne, and (c) two springs from Lower Greensand, Upper Easebourne. Yield not known.

*Works.*—Water from (1) and (2) (a) only is filtered. Reservoirs:—(1) Cocking, 23,400 gallons; (2) (a) Verdley Farm 23,400 gallons, (b) Upper Easebourne 178,000 gallons, (c) The Beeches, Cowdray Park, 41,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 800 gallons, (2) (a) 3,000 gallons—supply is constant; (b) and (c) plentiful.

*Quality of Water.*—Good.

**C. Goring, Esq.**—Supplies part of parish of Wiston (Thakeham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Upper Greensand, Wiston. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**J. Grover, Esq.**—Supplies part of parish of Linchmere (Midhurst R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 60 feet, in sandstone, Hammer Rise. The average daily quantity of water obtained is 6,500 gallons.

*Works.*—No filtration. Reservoirs at Linchmere, (a) 7,300 gallons, (b) 22,000 gallons, (c) 70,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Very good, and soft.



**Executors of the late W. James.**—Supply part of parish of West Dean (Westbourne R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Wells, West Dean, Brick-Kiln, and Staple Ash. Yield not known.

*Works.*—No filtration. Reservoirs at West Dean, (a) 45,000 gallons, (b) 45,000 gallons, (c) 45,000 gallons, (d) 10,000 gallons, (e) 45,000 gallons, (f) 45,000 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Lord Leconfield.**—Supplies parts of parishes of (1) Tillington (Midhurst R.D.), (2) Duncton, (3) Fittleworth, (4) Petworth, and (5) Sutton (Petworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from rock, Petworth Park, (2) Spring from Chalk, Duncton Manor Farm, (3) Spring from rock, Bognor Common, (4) Spring from sandstone, Byworth, (5) Spring from Chalk, Glatting Farm. The average daily quantity of water derived from (2) is 5,000 gallons, and (4) 3,000 gallons. Yield of other sources not known, but an unlimited supply could be obtained from (5).

*Works.*—No filtration. Reservoirs:—(1) Upperton, 500 gallons; (2) Duncton Manor Farm, (a) 1,000 gallons, (b) 1,000 gallons; (4) Byworth, 3,000 gallons; (5) Sutton Court Farm, 1,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) (a) sufficient, (b) 1,000 gallons; (2) 5,000 gallons, (3) adequate, (4) 3,000 gallons, (5) 6,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Duke of Norfolk.**—Supplies Arundel B., and parts of parishes of Burpham, Lyminster, Poling, Tortington, Warningcamp (East Preston R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, near Swanbourne Lake, Arundel. The average daily quantity of water obtained is 153,000 gallons, and a further 90,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs at Arundel Park, (a) 302,000 gallons, (b) 201,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 153,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (24th January 1910) that chemically the water is of satisfactory organic purity. Hardness, 14.8°. No action on lead.

**H. G. Recketts, Esq.**—(See *Addenda*, page 599.)

**T. Summers, Esq.**—Supplies part of parish of Rustington (East Preston R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian well in Chalk, at Rustington. The average daily quantity of water obtained is 3,000 gallons, and a further 12,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir, tower at Rustington, 12,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (4th October 1910), that the water is satisfactory. Rather hard.

**G. Whittaker, Esq.**—Supplies part of parish of Westbourne (Westbourne R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and River Ems, Stoughton Valley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

## WARWICKSHIRE.

**The Ansley Hall Coal and Iron Company, Ltd.**—Supplies parts of parishes of Ansley and Hartshill (Atherstone R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Hartshill. The average daily quantity of water obtained is 30,000 gallons.

*Works.*—No filtration. Reservoir at Ansley, 30,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory.

**The Arley Colliery Company, Ltd.**—Supplies part of parish of Arley (Nuneaton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Arley Bourne Brook, (2) Well, 114 feet, at Arley Colliery. The average daily quantity of water derived from each source is, respectively, (1) 240,000 gallons, (2) 144,000 gallons.

*Works.*—No filtration. Reservoirs:—Tanks at Arley, 9,000 gallons; Gun Hill, 5,800 gallons; Arley Colliery, 5,800 gallons.

*Quantity of Water supplied.*—The daily average is 3,500 gallons. Supply is constant.

*Quality of Water.*—Very good.



**Baddesley Collieries.**<sup>o</sup>—Furnish supplies in bulk to Atherstone R.D.C. (*see* page 7) and Tamworth R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well at Baxterley. Yield not known.

*Works.*—Pressure filters. Reservoir at Bentley, 150,000 gallons.

*Quantity of Water supplied.*—The daily average is 65,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Sir F. Burdett, Bart.**<sup>o</sup>—Supplies parish of Seckington (Tamworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Well at Seckington. The average daily quantity of water available is 2,500 gallons.

*Works.*—No filtration. Reservoir at Seckington, 5,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Earl of Camperdown.**—Supplies parishes of (1) Cherington, (2) Little Wolford, and (3) Whichford (Brailes R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Two springs from limestone near Cherington, (2) Springs from gravel, near Wolford, (3) Springs from limestone, near Whichford. The average daily quantity of water derived from each source is, respectively, (1) 2,100 gallons, (2) 1,800 gallons, (3) 13,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—(1) The daily average is 2,100 gallons, (2) 1,800 gallons, (3) 13,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**W. I. Iliffe, Esq.**—Supplies part of parish of Allesley (Meriden R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and spring from red sandstone, at Allesley. Yield not known.

*Works.*—No filtration. Reservoir, tank at Allesley, 7,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and moderately hard.

**Kimbells Charity.**—Supplies part of parish of Burton Dassett (Southam R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Burton Dassett Hills. Yield not known.

*Works.*—No filtration. Reservoirs, two at Burton Dassett, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**Messrs. W. S. and H. C. Lardner and L. L. Yelf.**—Supply part of parish of Little Compton (Brailes R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Inferior Oolite at Little Compton. Yield not known.

*Works.*—No filtration. Reservoirs at Little Compton, (a) 800 gallons, (b) 800 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Newdigate Colliery, Ltd.**—Supplies parts of parishes of Bedworth (Foleshill R.D.), and Astley (Nuneaton R.D.), and furnishes a supply in bulk to Foleshill R.D.C.

*Source of Supply (Nature and Sufficiency).*—Spring from Upper Coal Measures in pit shaft, Newdigate Colliery, Bedworth. The average daily quantity of water obtained is 150,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,000 gallons, and 75,000 gallons in bulk. Supply is constant.

*Quality of Water.*—Excellent. Hardness:—total, 15·4°; permanent, 6·2°. Action on lead not known.

**Lord Redesdale.**—Supplies parish of Great Wolford (Brailes R.D.), and (*in Worcestershire*) part of parish of Blockley (Shipston on Stour R.D.), and furnishes a supply in bulk to Shipston on Stour R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Lias, Bourton Wood, Blockley; (2) Springs from Lias, Great Wolford. The average daily quantity of water derived from each source is, respectively, (1) 60,000 gallons, (2) 25,000 gallons, and a further 40,000 gallons per day could be obtained from (1).

*Works.*—No filtration. Reservoir at Blockley, 40,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Sufficient; the daily average in bulk is 20,000 gallons.

*Quality of Water.*—Good. Hardness not known. No action on lead.



**Mrs. F. Shepard.**—Supplies parish of Sutton under Brailes (Brailes R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from gravel over clay at Sutton under Brailes. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Sir Grey H. d'E. Skipwith, Bart.**—Supplies parish of Honington (Brailes R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring intercepted underground from Lower Lias formation at Honington. Yield not known.

*Works.*—No filtration. Reservoirs, tanks at Honington, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Lord Southampton.**—Supplies parish of Idlicote (Brailes R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Whitehouse Farm, Idlicote. The average daily quantity of water obtained is 6,900 gallons.

*Works.*—No filtration. Reservoirs:—Idlicote, 2,000 gallons; tower, 3,000 gallons; tanks, (a) 900 gallons, (b) 460 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Lady Trevelyan.**<sup>\*</sup>—Supplies part of parish of Snitterfield (Stratford on Avon R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from gravel, at Snitterfield. Yield not known.

*Works.*—No filtration. Reservoir, small tank at Snitterfield.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**Trustees of Tysoe Utility Estate.**—Supply part of parish of Tysoe (Brailes R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs: (1) Wells Farm, Upper Tysoe, (2) Glebe Farm, Middle Tysoe, (3) Old Lodge Farm, Lower Tysoe. Yield not known.

*Works.*—No filtration. Reservoirs:—Upper Tysoe, 900 gallons; Middle Tysoe, 1,000 gallons; Lower Tysoe, 800 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**J. F. Ward, Esq.**<sup>\*</sup>—Supplies part of parish of Radway (Farnborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Radway. Yield not known.

*Works.*—No filtration. Reservoir, tank at Radway, 1,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Warmington Parish Council.**—Supplies part of parish of Warmington (Farnborough R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at the Hill, Court Close, Warmington. The average daily quantity of water obtained is 230 gallons, and a further 90 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs, tanks at Warmington, (a) 1,000 gallons, (b) 320 gallons.

*Quantity of Water supplied.*—The daily average is 230 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Willoughby De Broke.**—Supplies parts of parishes of Combrook and Kineton† (Stratford on Avon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone over clay, (1) Combrook, (2) Kineton. Yield not known.

*Works.*—No filtration. Reservoirs, tanks at Combrook and Kineton, 35,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

## WESTMORLAND.

**Lady Henry Bentinck.**—Supplies Kirkby Lonsdale U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Moorgate and High Park. Yield not known.

*Works.*—No filtration. Reservoir at Moorgate, 11,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Excellent.

† Lord Willoughby De Broke's Kineton works are leased to Stratford on Avon R.D.C.



**Messrs. Braithwaite & Co., Ltd.**—Supply part of parish of Scalthwaiterigg (South Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Patton. Yield not known.

*Works.*—No filtration. Reservoir at Patton, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Clergy Daughters School and other Property Owners.**—Supply part of parish of Casterton (South Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Springs from limestone, Casterton Fell. Yield not known.

*Works.*—No filtration. Reservoir, tank at Casterton, 8,400 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Messrs. James Cropper & Co., Ltd.**—Supply parts of parishes of Strickland Ketel, and Strickland Roger (South Westmorland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in Strickland Roger. Yield not known.

*Works.*—No filtration. Storage reservoirs:—Gurnal Dubs, 5,000,000 gallons; Potter Tarn, 22,000,000 gallons. Service reservoir at Potter Fell, 800,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Duften Voluntary Scheme.**—Supplies part of parish of Duften (East Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from chert and limestone, at Duften. The average daily quantity of water available is 2,500 gallons.

*Works.*—No filtration. Reservoir, tank at Duften, 120 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard.

**J. W. Fothergill, Esq.**—Supplies part of parish of Ravenstonedale (East Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Ravenstonedale Common. Yield not known.

*Works.*—No filtration. Reservoir, small tank on Ravenstonedale Common.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft.

**T. A. Metcalfe-Gibson, Esq.**—Supplies part of parish of Ravenstonedale (East Westmorland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Stream and springs from lower silurian formation, on Ravenstonedale Common. Yield not known.

*Works.*—Water is filtered. Reservoir on Ravenstonedale Common, 3,500 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent. Hardness, 4°.

**Great Langdale School Trustees.**—Supply part of parish of Langdales (South Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Thrang Ghyll stream, intake at Langdales. Yield not known.

*Works.*—No filtration. Reservoir at Langdales, 450 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Sir Richard Musgrave, Bart.**—Supplies part of parish of Hartley (East Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, at Hartley. Yield not known.

*Works.*—No filtration. Reservoir, small tank at source.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard.

**G. H. Pattinson, Esq.**—Supplies part of parish of Undermillbeck (South Westmorland R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from slate, Cartmell Fell. Yield not known.

*Works.*—Part of the water is filtered. Storage reservoir at Ghyll Head, 10,000,000 gallons; tank, 15,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**Messrs. W. H. Wakefield & Co., Ltd.**—Supply parts of parishes of Preston Patrick, and Preston Richard (South Westmorland R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Fall Beck from Upper Silurian formation, near Crosslands, Old Hutton; (2) Stream and springs from Upper Silurian formation, Gatebeck Fell. The average daily quantity of water derived from each source is, respectively, (1) 40,000 gallons, (2) 2,000 gallons; a further 15,000 gallons per day could be obtained from (1) and 10,000 gallons from (2).

*Works.*—No filtration. Storage reservoirs:—Fall Beck, Crosslands, 1,400,000 gallons; Gatebeck, Preston Patrick, 400,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,560 gallons. Supply is constant.

*Quality of Water.*—Good.

### WIGHT, ISLE OF.

**Sir G. E. W. Hamond Graeme, Bart.**—Supplies part of parish of Yaverland (Isle of Wight R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 68 feet, in sandstone, near Yaverland. The average daily quantity of water obtained is 1,000 gallons, and a further 1,500 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Yaverland, 10,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir C. Seely, Bart.**—Supplies parts of parishes of Brook and Mottistone (Isle of Wight R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Upper Greensand, in Brook. Yield not known.

*Works.*—No filtration. Reservoirs at Brook, (a) 11,000 gallons, (b) 12,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

### WILTSHIRE.

**The Dowager Lady Arundell of Wardour.**—Supplies parts of parishes of Ansty, Donhead St. Andrew, Donhead St. Mary, Semley, and Wardour (Tisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Greensand, Donhead St. Andrew. The average daily quantity of water obtained is 1,000 gallons, and a further 25,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Wardour Castle, 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Marquess of Bath.**—Supplies parts of parishes of (1) Corsley, (2) Hill Deverill, Horningsham, (3) Longbridge Deverill (Warminster R.D.); and from (1) furnishes a supply in bulk to Warminster and Westbury and Whorwellsdown R.D.C's, for Chapmanslade, which is partly in the parishes of Corsley (Warminster R.D.) and Dilton Marsh (Westbury and Whorwellsdown R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Greensand, (1) Corsley, (2) Horningsham, (3) Swancombe. Yield not known.

*Works.*—Part of the water from (2) only is filtered. Storage reservoirs:—(2) West Common, Horningsham, 2,000 gallons; Horningsham Common, 2,400 gallons; (3) Shute Farm, 2,600 gallons; (4) Chapmanslade, 10,000 gallons. Service reservoirs:—(1) Whitbourn, (a) 1,200 gallons, (b) 900 gallons, (c) 50 gallons.

*Quantity of Water supplied.*—Adequate; the daily average in bulk is 5,000 gallons.

*Quality of Water.*—Good.

**H. Blackburn, Esq.**—Supplies part of parish of Donhead St. Mary (Tisbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well, stream, and gathering ground, Donhead St. Mary. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**S. J. Blanchard, Esq.**—Supplies part of parish of Donhead St. Mary (Tisbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and springs at Donhead St. Mary. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**Messrs. A. H. Bond and R. H. Edwards.**—Supply parish of Dauntsey (Malmesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from rock, at Dauntsey. The average daily quantity of water available is 300,000 gallons.

*Works.*—No filtration. Reservoirs:—White Hill, 60,000 gallons; additional reservoirs are under construction. Pressure is sufficient.

*Quantity of Water supplied.*—Ample in winter only.

*Quality of Water.*—Good.

**H. Carter, Esq.**—Supplies part of parish of Lydiard Millicent (Cricklade and Wootton Bassett R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Shaw, Lydiard Millicent. The average daily quantity of water obtained is 1,000 gallons, and a further 2,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs, Lydiard Millicent, 4,000 gallons, and tank at Sudbrook House, 4,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Col. A. H. Charlesworth.**—Supplies parts of parishes of Berwick St. John, Donhead St. Andrew and Donhead St. Mary (Tisbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Chalk and Greensand, Berwick St. John; (2) Spring in Donhead St. Andrew. The average daily quantity of water obtained from (1) is 24,000 gallons; (2) is an emergency supply.

*Works.*—No filtration. Reservoirs:—(1) Berwick St. John, 32,000 gallons; (2) Donhead St. Andrew, 60,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The Governors of Charterhouse.**—Supply part of parish of Wroughton (Highworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Wroughton. Yield not known.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Ecclesiastical Commissioners.**—Supply part of parish of Bishopstone (Highworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring intercepted underground from Chalk at Bishopstone. Yield not known.

*Works.*—No filtration. Reservoirs:—Bishopstone, (a) 1,000 gallons, (b) 1,000 gallons, (c) 1,000 gallons, (d) 500 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Lord Estcourt.** See Gloucestershire.

**Eton College.**—Supplies part of parish of Hullavington (Malmesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Borehole, 220 feet, in great oolite at Hullavington. The average daily quantity of water available is 6,400 gallons.

*Works.*—No filtration. Reservoir:—Tower at Hullavington, 2,000 gallons.

*Quantity of Water supplied.*—The daily average is 500 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (16th February, 1912) that the water is satisfactory. Hardness not known.

**Capt. W. V. Faber, M.P., and E. H. Jellett, Esq.** See Southampton.

**G. P. Fuller, Esq.**—Supplies part of parish of Atworth (Bradford on Avon R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Poplar Farm, Atworth. The average daily quantity of water obtained is 1,500 gallons.

*Works.*—No filtration. Storage reservoirs, Atworth (two), 30,000 gallons. Service reservoirs, Atworth (two), 130 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**R. F. Fuller, Esq.**—Supplies parts of parishes of Broughton Gifford and Holt (Bradford on Avon R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from gravel at Great Chalfield, Atworth. The average daily quantity of water available is 22,500 gallons.



*Works.*—No filtration. Reservoirs:—Broughton Gifford, 38,000 gallons; The Holt, 67,000 gallons.

*Quantity of Water supplied.*—The daily average is 16,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Sir H. H. A. Hoare, Bart.**—Supplies parts of parishes of Kilmington and Stourton (Mere R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 180 feet, in Greensand, near Stourhead Mansion; (2) Spring from Greensand at Stourhead (auxiliary supply). Yield not known.

*Works.*—No filtration. Storage reservoir at Stourton, 175,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Pure.

**H. Thomas Holloway, Esq.**—Supplies part of parish of West Lavington (Devizes R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Greensand, West Lavington. The average daily quantity of water available is 100,000 gallons.

*Works.*—No filtration. Reservoirs at Rams Cliff, West Lavington, (a) 40,000 gallons, (b) 10,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,500 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (9th May, 1913) that the water is good. Soft.

**Mrs. Huth.**—Supplies part of parish of Tidcombe and Fosbury (Ramsbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Borehole, 250 feet, in upper chalk, Fosbury. The average daily quantity of water available is 36,000 gallons.

*Works.*—No filtration. Reservoir at Fosbury, 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,250 gallons. Supply is constant.

*Quality of Water.*—Good, but hard.

**Lord Islington.**—Supplies parts of parishes of (1) and (2) Corsham; (3) Slaughterford (Chippenham R.D.); and furnishes supplies in bulk to Chippenham R.D.C. from sources (1) and (2).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Box and Colerne; (2) Springs from limestone, (a) Monks Wood, Colerne, (b) Colletts Bottom Wood, Biddestone; (3) Spring from sandstone, Carters Well Farm, Slaughterford. The average daily quantity of water available from each source is, respectively, (1) 14,000 gallons, (2) (a) 30,000 gallons, (b) 36,000 gallons, (3) 4,000 gallons.

*Works.*—No filtration. Storage reservoirs:—(1) Box Hill, 18,000 gallons; (2) Hart-ham Park, 100,000 gallons. Service reservoirs:—(2) Hartham Park, 2,000 gallons; Cutte Lane, Biddestone, 6,000 gallons; (3) Slaughterford, 1,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 6,000 gallons; (2) 4,000 gallons; (3) 1,000 gallons; and 2,500 gallons in bulk from (1) and (2). Supply is constant.

*Quality of Water.*—Good.

**Marquess of Lansdowne.**—Furnishes a supply in bulk to Chippenham R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Springs from calcareous grit, in Derry Hill Wood. The average daily quantity of water available is 2,000 gallons.

*Works.*—No filtration. Reservoirs:—Derry Hill Wood, (a) 1,000 gallons, (b) 100 gallons.

*Quantity of Water supplied.*—The daily average is 350 gallons. Supply is constant.

*Quality of Water.*—Pure.

**W. F. Lawrence, Esq.**—Supplies part of parish of Whiteparish (Salisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Well and borehole, 300 feet, in Chalk, at Whiteparish. The average daily quantity of water available is 4,000 gallons.

*Works.*—No filtration. Reservoir at Whiteparish, 11,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (13th February, 1906) that the water is good. Hardness:—total, 13·5°; permanent, 4·5°.

**C. H. Maidment, Esq.**—Supplies part of parish of Highworth (Highworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Highworth. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**Trustees of the late Sir H. Meux.**—Supply part of parish of Christian Malford (Chippenham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and spring near Wootton Bassett. Yield not known.

*Works.*—No filtration. Reservoir, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard.

**Monkton Farleigh Parish Council.**—Supplies part of parish of Monkton Farleigh (Bradford on Avon R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Bath Oolite, Monkton Farleigh. Yield not known.

*Works.*—No filtration. Reservoirs:—Farleigh Down, 600 gallons; Monkton Farleigh, 9,000 gallons; Farleigh Wick, 7,500 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Hugh Morrison, Esq.**—Supplies parts of parishes of Chilmark, East Tisbury, and Fonthill Gifford (Tisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Portland Beds, Fonthill Pondhead. The average daily quantity obtained is 13,500 gallons, and a further 28,000 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoirs:—Little Ridge Wood, (a) 4,000 gallons, (b) 500 gallons; Fonthill House, (a) 70,000 gallons, (b) 12,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**G. E. Northey, Esq.**—Supplies part of parish of Box (Chippenham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in White Wood, Box. The average daily quantity of water obtained is 1,200 gallons, and a further 6,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Washwell, 20,000 gallons; Kingsdown, 10,000 gallons; Lutteridge (a) 9,000 gallons, (b) 9,000 gallons; tanks at Kingsdown (a) 2,000 gallons, (b) 2,000 gallons, (c) 2,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,200 gallons. Supply is constant.

*Quality of Water.*—Good.

**Executors of the late E. Northover.**<sup>o</sup>—Supply part of parish of Wardour (Tisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Wardour. The average daily quantity of water available is 250 gallons.

*Works.*—No filtration. Reservoir:—tank at Wardour, 125 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**North Swindon Estate Company, Ltd.**—Supplies part of parish of Rodbourne Cheney (Highworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Two wells in Oolite, Rodbourne Cheney. Yield not known.

*Works.*—No filtration. Reservoir at Rodbourne Cheney, 34,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Messrs. Marson Owen and Mc. Naught.**—Supply part of parish of Broad Town (Cricklade and Wootton Bassett R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Broad Town. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Messrs. H. T. and C. R. Parsons.**—Supply part of parish of Pitton and Farley (Salisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, in Chalk, at Farley. Yield not known.

*Works.*—No filtration. Reservoir at Farley, 7,000 gallons.

*Quantity of Water supplied.*—Inadequate in summer.

*Quality of Water.*—Good, but hard.



**Earl of Pembroke.**—Supplies parts of parishes of (1) Swallowcliffe (Tisbury R.D.); and (2) Dinton (Wilton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well, 60 feet, in sandstone, Swallowcliffe; (2) Well, 40 feet, in sandstone, Dinton. The average daily quantity of water derived from each source is, respectively, (1) 2,000 gallons, and (2) 5,000 gallons; an unlimited quantity could be obtained from (2).

*Works.*—No filtration. Reservoirs:—(1) Swallowcliffe, 1,200 gallons; (2) Dinton, 60,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 2,000 gallons, (2) 5,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (3rd September 1909) that chemically the water is excellent. Hardness, 12·5°.

**F. Pike, Esq.**—Supplies part of parish of Semley (Tisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Semley Hill. The average daily quantity of water obtained is 6,500 gallons.

*Works.*—No filtration. Reservoir at Semley Hill, 13,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**Earl of Radnor.**—Supplies parts of parishes of Alderbury, Britford, Nunton and Bodenham, Odstock, and West Grimstead (Salisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk in Longford Park. The average daily quantity of water obtained is 22,000 gallons.

*Works.*—No filtration. Reservoirs at Ivychurch, Alderbury (a) 50,000 gallons, (b) 100,000 gallons.

*Quantity of Water supplied.*—The daily average is 22,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**W. T. Robinson, Esq.**—Supplies part of parish of Wanborough (Highworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 200 feet, in Chalk at Wanborough. Yield not known.

*Works.*—No filtration. Reservoirs:—Wanborough, (a) 96,000 gallons, (b) 10,000 gallons, (c) 100,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Semley Parish Council.**—Supplies part of parish of Semley (Tisbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Greensand, Wardour Estate, Semley. The average daily quantity of water obtained is 4,200 gallons, and a further 4,200 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs at Wardour, (a) 728 gallons, (b) 97 gallons.

*Quantity of Water supplied.*—The daily average is 4,200 gallons. Supply is constant.

*Quality of Water.*—Good.

**Miss Seymour and the Executors of the late G. Wyndham.**—Supply part of parish of East Knoyle (Mere R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Greensand, East Knoyle; and (2) Spring, Milton. The average daily quantity of water derived from each source is, respectively, (1) 2,500 gallons, (2) 1,500 gallons; a further 15,000 gallons per day could be obtained from (1), and 500 gallons from (2).

*Works.*—No filtration. Reservoirs:—Milton, 20,000 gallons; East Knoyle, 23,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Duke of Somerset.**—Supplies part of parish of Maiden Bradley (Mere R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Upper Greensand, at Dunkerton, one mile from Maiden Bradley. The average daily quantity of water obtained is 18,000 gallons, and a further 27,500 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoirs:—Mapperton Hill, 60,000 gallons; Maiden Bradley, (a) 4,000 gallons, (b) 4,000 gallons.

*Quantity of Water supplied.*—The daily average is 18,000 gallons. Supply is constant.

*Quality of Water.*—Pure.



**Capt. J. Bennett Stanford.**—Supplies parts of parishes of Semley, Wardour, and West Tisbury (Tisbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Bath House Spring, at West Tisbury. Yield not known.

*Works.*—No filtration. Reservoirs at Tisbury, (a) 600 gallons, (b) 120 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**H. C. Stephens, Esq.** See Southampton.

**Lady Octavia Shaw Stewart.**—Supplies parts of parishes of Fonthill Gifford, Semley, and West Tisbury (Tisbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Portland sand, Lawn Water; and (2) Springs from Greensand, Semley Hill. The average daily quantity of water derived from each source is, respectively, (1) 6,000 gallons, (2) 5,500 gallons, and a further 30,000 gallons per day could be obtained from (1), and 5,000 gallons from (2).

*Works.*—No filtration. Reservoirs:—(1) Fonthill Abbey, 50,000 gallons; (2) Semley, 8,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 6,000 gallons, (2) 5,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**R. C. Warner, Esq.**—Supplies part of parish of Oaksey (Malmesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring intercepted underground, from conglomerate under clay, at Oaksey. The average daily quantity of water available is 40,000 gallons.

*Works.*—No filtration. Reservoir:—Tank, 7,500 gallons.

*Quantity of Water supplied.*—The daily average is 600 gallons. Supply is constant.

*Quality of Water.*—Good.

**W. J. E. Warry Stone, Esq.**—Supplies part of parish of Chisledon (Highworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Greensand at Coate; (2) Wells in Chalk at Badbury; (3) Stream at Badbury. Yield not known.

*Works.*—No filtration. Reservoir, tank at Badbury Farm, 3,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**G. Wilder, Esq.**—(See Addenda, page 599.)

**Mrs. F. A. Wilson.**—Supplies part of parish of Clyffe Pypard (Cricklade and Wootton Bassett R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk at Clyffe Pypard. Yield not known.

*Works.*—No filtration. Reservoir, at Clyffe Pypard, 6,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**The Commissioners of H.M. Woods, &c.**—Supply part of parish of Bishop's Cannings (Devizes R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk, about  $1\frac{1}{2}$  miles from Bishop's Cannings. Yield not known.

*Works.*—No filtration. Reservoir at Bishop's Cannings, 60,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Executors of the late G. Wyndham,**—Supply part of parish of East Knoyle (Mere R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well in Chalk, Knoyle Down; (2) Borehole in Chalk, Sutton Bottom; (3) Spring from Greensand, Underhill. The average daily quantity of water derived from each source is, respectively, (1) 4,000 gallons, (2) 5,000 gallons, (3) 2,000 gallons.

*Works.*—No filtration. Reservoirs:—Knoyle Down, 10,000 gallons; Higher Pertwood Farm, 20,000 gallons; Hadden Hill, 20,000 gallons; Underhill, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**J. Young, Esq.**—(See Addenda, page 599.)



## WORCESTERSHIRE.

- W. H. Bagnall, Esq.**—Supplies part of parish of Bricklehampton (Persore R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from gravel, Bricklehampton. The average daily quantity of water obtained is 6,000 gallons.  
*Works.*—No filtration. Reservoir at Bricklehampton, 10,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.
- Earl Beauchamp.**—Supplies part of parish of Madresfield (Upton on Severn R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Cowleigh. The average daily quantity of water obtained is 10,000 gallons.  
*Works.*—No filtration. Reservoir:—Woodsfield, Madresfield, 30,000 gallons.  
*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.  
*Quality of Water.*—Good.
- E. G. Spencer Churchill, Esq.**—Supplies part of parish of Blockley (Shipston on Stour R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Draycott. Yield not known.  
*Works.*—No filtration. Reservoir, tank at Draycott, capacity not known.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good.
- Major-General F. J. Davies.**—Supplies parts of parishes of Elmley Castle and Netherton (Persore R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Bredon Hill. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.
- Sir Charles Swinfen Eady.**—Supplies part of parish of Norton and Lenchwick (Evesham R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from gravel and sand over clay, Counsel Green, Norton and Lenchwick, Evesham. The average daily quantity of water available is 10,000 gallons.  
*Works.*—No filtration. Reservoirs at Norton, 10,000 gallons.  
*Quantity of Water supplied.*—The daily average is 800 gallons. Supply is constant.  
*Quality of Water.*—Occasional examination. Analyst remarks (18th April 1910) that chemically the water is fit for drinking. Hardness:—total, 31°; permanent, 10°.
- Earl Fortescue.**—Furnishes a supply in bulk to Shipston on Stour R.D.C.  
*Source of Supply (Nature and Sufficiency).*—Spring at Ebrington. Yield not known.  
*Works.*—No filtration. Reservoir at Ebrington, 40,000 gallons.  
*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.  
*Quality of Water.*—Annual chemical examination. Analyst remarks (6th May 1911), that chemically the water is fit for drinking. Hardness:—total, 24·5°; permanent, 9·1°. No action on lead.
- Executors of the late Hugh Gurney.**—Supply part of parish of Bayton (Rock R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from clay above Coal Measures, at Bayton. The average daily quantity of water available is 3,250 gallons.  
*Works.*—No filtration. Reservoirs: two at Bayton, capacity not known.  
*Quantity of Water supplied.*—The daily average is 2,200 gallons. Supply is constant.  
*Quality of Water.*—Excellent; moderately hard.
- Major R. Hanford.**—Supplies part of parish of Great Comberton (Persore R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from clay, Bredon Hill. The average daily quantity of water obtained is 1,500 gallons.  
*Works.*—No filtration. Reservoir at Bredon Hill, 200 gallons.  
*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.  
*Quality of Water.*—Good.
- Little Comberton Parish Meeting.**—Supplies part of parish of Little Comberton (Persore R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Two springs from Lias clay on Bredon Hill. Yield not known.  
*Works.*—No filtration. Reservoir at Bredon Hill, 30,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.



**Sir R. B. Martin, Bart.**—Supplies parts of parishes of (1) Conderton, (2) Overbury, and (3) Teddington (Tewkesbury R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Conderton, (2) Overbury, and (3) Oxenton Hill. Yield not known.

*Works.*—No filtration. Reservoirs:—(1) Conderton Hill, 2,500 gallons; (2) Overbury Hill, 12,000 gallons; (3) Teddington Hill, 6,500 gallons.

*Quantity of Water supplied.*—The daily average is (1) 2,000 gallons, (2) 14,000 gallons, (3) 1,200 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Lord Redesdale.** See Warwickshire.

**Sir N. W. G. Throckmorton, Bart.**—Supplies part of parish of Throckmorton (Pershore R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in clay, gravel, and sand at Throckmorton. The average daily quantity of water obtained is 150 gallons, and a further 100 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 150 gallons. Supply is constant.

*Quality of Water.*—Good.

**Miss Z. M. Woodhull.**—Supplies parts of parishes of Bredon and Bredon's Norton (Tewkesbury R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Westmancote Hill. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**C. E. B. Young, Esq.**—Supplies parish of Daylesford (Stow on the Wold R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Lias and Great Oolite. Yield not known.

*Works.*—No filtration. Reservoir, tank at Daylesford, 2,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

#### YORKSHIRE (EAST RIDING).

**A. J. Cholmley, Esq.**—Supplies part of parish of Wintringham (Norton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Wintringham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Lieut. G. F. Cholmley, R.N.**—Supplies part of parish of Thorpe Bassett (Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Upper Cretaceous formation at Thorpe Bassett. The average daily quantity of water obtained is 11,520 gallons.

*Works.*—No filtration. Reservoir at Thorpe Bassett, 5,700 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Lord Hotham.**—Supplies parts of parishes of Holme on the Wolds and South Dalton (Beverley R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk at South Dalton. The average daily quantity of water obtained is 12,000 gallons.

*Works.*—No filtration. Reservoir at Holme on the Wolds, 90,000 gallons.

*Quantity of Water supplied.*—The daily average is 12,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Earl of Lonsborough.**—Supplies part of parish of Lonsborough with Easthorpe (Pocklington R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk at Lonsborough with Easthorpe. Yield not known.

*Works.*—No filtration. Reservoir at Lonsborough, 50,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



**Trustees of the late G. G. Macturk.**—Supply part of parish of South Cave (Beverley R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Two springs from Chalk, (1) Springhead,  
 (2) Wind Hills Spring, Little Wold. Yield not known.

*Works.*—No filtration. Reservoirs:—Springhead, 4,000 gallons; Wind Hills, 200 gallons.

*Quantity of Water supplied.*—The daily average is 17,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Middleton.**—Supplies parishes of Birdsall, North Grimston (part), and Scagglethorpe (part) (Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk at Birdsall and North Grimston. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Abundant. Supply is constant.

*Quality of Water.*—Good.

**J. H. Preston, Esq.**—Supplies part of parish of Burythorpe (Norton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Burythorpe. The average daily quantity of water obtained is 13,000 gallons.

*Works.*—No filtration. Reservoir at Burythorpe, 150 gallons.

*Quantity of Water supplied.*—The daily average is 13,000 gallons. Supply is constant.

*Quality of Water.*—Very pure.

**Mrs. S. Ronnshaw, Mrs. M. A. G. Bourne, Mrs. M. A. Rockett, and Rev. F. A. Overton**—Supply part of parish of Scagglethorpe (Norton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Scagglethorpe. The average daily quantity of water available is 6,000 gallons.

*Works.*—No filtration. Reservoir at Scagglethorpe, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**Sir J. Sherburn.**—Supplies part of parish of Brantingham (Beverley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Brantingham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**C. A. V. Sykes, Esq.**—Supplies parish of West Ella (Sculcoates R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in Chalk at West Ella. Yield not known.

*Works.*—No filtration. Reservoir at West Ella, 14,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir Mark Sykes, Bart.**—Supplies part of parish of East Heslerton (Norton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Chalk at East Haslerton. The average daily quantity of water available is 20,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but hard.

**The Hon. E. F. L. Wood, M.P.**—Supplies part of parish of Kirby Underdale (Pocklington R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Chalk at Kirby Underdale. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**H. Wrigley, Esq.**—Supplies parts of parishes of Ganton and Willerby (Sherburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Fishponds and Windlebeck. The average daily quantity of water obtained is 20,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good, but liable to pollution.



## YORKSHIRE (NORTH RIDING).

**Barningham Voluntary Subscription.**—Supplies part of parish of Barningham (Startforth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Barningham. Yield not known.

*Works.*—No filtration. Reservoir; tank on Barningham Moor, capacity not known.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Sir Hugh Bell Bart.**—Supplies parts of parishes of East Rounton and Ingleby Arncliffe (Stokesley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone in Arncliffe Wood. The average daily quantity of water available is 5,760 gallons.

*Works.*—No filtration. Reservoir, tank at Arncliffe, 6,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (14th August 1913) that the water is excellent. Hardness:—total, 5·9°; permanent, 1·4°.

**Lieut. Col. J. M. Benson.**—Supplies part of parish of Oswaldkirk (Helmsley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs at Barnfields, Oswaldkirk. The average daily quantity of water available from each source is, respectively, (1) 70,000 gallons, (2) 2,500 gallons.

*Works.*—No filtration. Reservoir at Hallfields, Oswaldkirk, 38,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**C. Blades, Esq.**—Supplies parish of Caldbergh with East Scafton (Leyburn R.D.).

*Source of Supply (Nature and Sufficiency).*—Stream at Caldbergh. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Messrs. Bolckow, Vaughan & Co., Ltd.**—Supply Guisborough U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs on Eston Moor. The average daily quantity of water obtained is 4,500 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,888 gallons. Supply is constant.

*Quality of Water.*—Good.

**H. W. F. Bolckow, Esq.**—Supplies parish of Scawton (Helmsley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone at Scawton. Yield not known.

*Works.*—No filtration. Reservoir at Scawton, 3,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,440 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Bolton.**—Supplies parts of parishes of (1) Castle Bolton, (2) Preston and (3) Wensley (Leyburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring in Bolton Parks; (2) Spring near Preston; (3) (a) Springs near Wensley Plantation, (b) Well in Wensley. The average daily quantity of water derived from each source is, respectively, (1) 2,500 gallons; (2) 5,000 gallons; (3) (a) 6,000 gallons, (b) not known.

*Works.*—No filtration. Reservoirs:—(1) Bolton Parks, 1,000 gallons; (2) near Preston, 4,000 gallons; (3) near Wensley, (a) 600 gallons, (b) 500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Borrowby Parish Council.**—Supplies part of parish of Borrowby (Northallerton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and springs at Borrowby. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 72 gallons. Supply is constant.

*Quality of Water.*—Excellent.



**E. C. Brooksbank, Esq.**—Supplies part of parish of Sneaton (Whitby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) at Pokeham Brow, about 2 miles from Sneaton, (2) Hodges Field near Sneaton. The average daily quantity of water obtained is 15,000 gallons.

*Works.*—No filtration. Reservoirs:—Pokeham Brow, and Hodges Field, capacity not known.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Earl Brownlow.**—Supplies parish of Caldwell (Richmond R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Caldwell. The average daily quantity of water obtained is 1,500 gallons, and a further 500 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Caldwell, 4,500 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Rosalind, Countess of Carlisle.**—Supplies part of parish of Coneysthorpe (Malton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring, from limestone, in Coneysthorpe. The average daily quantity of water available is 3,000 gallons.

*Works.*—No filtration. Reservoir at Coneysthorpe, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 1,050 gallons. Supply is constant.

*Quality of Water.*—Good.

**Carlton Town Water Committee.**—Supplies parish of Carlton Town (Leyburn R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, at Carlton Town. Yield not known.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The Trustees in Bankruptcy of Sir G. E. A. Cayley, Bart.**—Supply parts of parishes of (1) Allerston (Pickering R.D.), (2) Brompton (Scarborough R.D.).

*Sources of Supply (Nature and Sufficiency).* (1) Spring near Allerston Saw Mill; (2) Springs from limestone, Brompton. Yield not known, but an unlimited quantity of water could be obtained from (2).

*Works.*—No filtration. Reservoirs:—Home Farm, Brompton, 4,000 gallons; Sawdon Lane, Brompton, 4,000 gallons.

*Quantity of Water supplied.*—(1) Ample; (2) the daily average is 20,000 gallons.

*Quality of Water.*—Good.

**H. C. Fairfax-Cholmeley, Esq.**—Supplies part of parish of Brandsby cum Stearsby (Easingwold R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Brandsby cum Stearsby. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent, but hard.

**H. Christie, Esq.**—Supplies part of parish of East Witton Within (Leyburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, near East Witton. Yield not known.

*Works.*—No filtration. Reservoir at East Witton, 1,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Major R. Chichester-Constable.**—Supplies part of parish of Hutton Magna (Startforth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Warden Hill, in Hutton Magna. The average daily quantity of water available is 20,000 gallons.

*Works.*—No filtration. Storage reservoir, Warden Hill, Hutton Magna, 6,000 gallons. Service reservoir, Hutton, 200 gallons.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Excellent.



**Col. H. D. Wade-Dalton.**—Supplies part of parish of East Hauxwell (Leyburn R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well at East Hauxwell. Yield not known.  
*Works.*—No filtration. Reservoir at East Hauxwell, capacity not known.  
*Quantity of Water supplied.*—Fairly adequate.  
*Quality of Water.*—Good.

**Hon. F. Dawnay.**—Supplies parts of parishes of Hildenley, and Huttons Ambo (Malton R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from calcareous grit, Huttons Ambo. Yield not known.  
*Works.*—No filtration. Reservoir at Hildenley, 6,800 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Capt. The Hon. J. Dawnay, D.S.O.**—Supplies parts of parishes of Hutton Buscel and Wykeham (Scarborough R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well in gravel at Tetherings, Hutton Buscel. Yield not known.  
*Works.*—No filtration. Reservoir at Hutton Buscel, 42,000 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Satisfactory.

**Lord De L'Isle and Dudley.**—Supplies parts of parishes of (1) Broughton, and (2) Ingleby Greenhow (Stokesley R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring from sandstone, Battersby Bank, (2) two springs from sandstone, Ingleby Moor. The average daily quantity of water derived from each source is, respectively, (1) 2,000 gallons, (2) 7,000 gallons; a further 2,000 gallons per day could be obtained from (1), and 26,000 gallons from (2).  
*Works.*—No filtration. Reservoirs:—Battersby Bank, 1,000 gallons; and Park Wood, Ingleby Greenhow, 20,000 gallons.  
*Quantity of Water supplied.*—The daily average is (1) 2,000 gallons, (2) 7,000 gallons. Supply is constant.  
*Quality of Water.*—Good.

**J. Dickson, Esq.**—Supplies parts of parishes of Egton and Glaisdale (Whitby R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring from freestone, Glaisdale Moor; (2) Spring from gravel, Carr End, Glaisdale. The average daily quantity of water derived from each source is, respectively, (1) 648 gallons, (2) 810 gallons.  
*Works.*—No filtration. Reservoirs:—Glaisdale End, 2,400 gallons; Carr End, 1,890 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**A. J. Dorman, Esq.**—Supplies parishes of Morton (part), Upsall (part) (Guisborough R.D.), Marton (part) (Middlesbrough R.D.) and Nunthorpe (Stokesley R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Moorland springs from Estuarine Beds and Eller Beck beds of Lower Oolite formation, Upsall. The average daily quantity of water obtained is 66,000 gallons.  
*Works.*—Water is filtered. Reservoir at Upsall, 90,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Satisfactory.

**Viscount Downe.**—Supplies Loftus U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Spring on Golden Hill, Liverton. Yield not known.  
*Works.*—Water is filtered. Reservoir at Golden Hill, 187 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Satisfactory.

**J. L. Dugdale, Esq.**—Supplies part of parish of Crathorne (Stokesley R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Well at Crathorne. Yield not known, but the supply is unlimited.  
*Works.*—No filtration. Reservoir, Crathorne, 50,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Excellent; fairly hard.



**Miss Easton.**—Supplies parishes of Ravensworth (part) and West Layton (Richmond R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from rock, Greenbank. The average daily quantity of water available is 5,000 gallons.  
*Works.*—No filtration. Reservoir at West Layton, 30,000 gallons.  
*Quantity of Water supplied.*—The daily average is 500 gallons. Supply is constant.  
*Quality of Water.*—Good.

**R. V. Eyre, Esq., R.N.**—Supplies part of parish of Middleton Tyas (Richmond R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from freestone, at Merrybent, Middleton Tyas. The average daily quantity of water available is 10,000 gallons.  
*Works.*—Water is filtered. Reservoirs at Kneeton Hall, Middleton Tyas, 17,000 gallons.  
*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.  
*Quality of Water.*—Good.

**Earl of Feversham.**—Supplies part of parish of Helmsley (Helmsley R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Fort Head, Beckdale. Yield not known.  
*Works.*—No filtration. Reservoir at Beckdale Howl, 100,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Very good; moderately hard. No action on lead.

**E. Fisher, Esq.**—Supplies parish of Gilling East (Helmsley R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Grimstone. The average daily quantity of water available is 20,000 gallons.  
*Works.*—No filtration. Reservoir at Gilling, 16,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Earl Fitzwilliam.**—See Malton U.D.C., page 88.

**J. Kenneth Foster, Esq.**—Supplies part of parish of Egton (Whitby R.D.).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Upper Lias in Esk Valley; (2) two springs from Estuarine Beds of Lower Oolite at Egton; (3) Spring at Egton Bridge. The average daily quantity of water derived from each source is, respectively, (1) 6,480 gallons, (2) 16,660 gallons, (3) 400 gallons.  
*Works.*—No filtration. Reservoirs:—Esk Valley, 1,110 gallons; Egton, (a) 5,000 gallons, (b) 2,475 gallons; Egton Bridge, 1,200 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Excellent.

**A. Gladstone, Esq.**—Supplies part of parish of Eskdaleside cum Ugglebarnby (Whitby R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring from freestone, Fairhead Grosmont. The average daily quantity of water obtained is 2,000 gallons, and a further 3,500 gallons per day could be obtained.  
*Works.*—No filtration. Reservoir at Grosmont, 7,200 gallons.  
*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.  
*Quality of Water.*—Excellent.

**Glaisdale Water Supply.**—Supplies part of parish of Glaisdale (Whitby R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from freestone, Sway Moor, Glaisdale. The average daily quantity of water available is 3,600 gallons.  
*Works.*—No filtration. Reservoir at Glaisdale, 3,500 gallons.  
*Quantity of Water supplied.*—The daily average is 1,230 gallons. Supply is constant.  
*Quality of Water.*—Good.

**J. B. Hodgkin, Esq.**—Supplies part of parish of Great Ayton (Stokesley R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from Upper and Middle Lias, Cleveland Hills, Great Ayton. Yield not known.  
*Works.*—Water is filtered. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Analyst remarks (June 1912) that the water is excellent, soft, and contains a slight trace of iron.



**Lord Hotham.**—Supplies parish of Wilton (Pickering R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from freestone near Wilton. The average daily quantity of water available is 4,000 gallons.

*Works.*—No filtration. Reservoir, near Wilton, 12,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks that it is a first-class drinking water. Hardness:—total, 9·4°; permanent, 3°.

**J. T. D'Arcy Hutton, Esq.**—Supplies part of parish of Marske (Richmond R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, near Marske. The average daily quantity of water obtained is 1,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**L. Jaques, Esq.**—Supplies parishes of Easby, and Skeeby (part) (Richmond R.D.).

*Sources of Supply (Nature and Sufficiency).*—Four springs from limestone, in Easby and Skeeby. Yield not known.

*Works.*—No filtration. Reservoirs at High Watcote, Easby, 40,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Capt. the Hon. F. Johnstone.\***—Supplies parishes of Broxa, Hackness (part), Harwood Dale, Hutton Buscel (part), Silpho, Sulfield cum Everley (part), and Wykeham (part) (Scarborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs in each parish. Yield not known.

*Works.*—No filtration. Reservoir at Broxa, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**The Kirby Hill Hospital Wardens.**—Supply part of parish of Kirby Hill (Richmond R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Gayles. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir E. A. Lechmere, Bart.\***—Supplies part of parish of Whitwell on the Hill (Malton R.D.).

*Source of Supply (Nature and Sufficiency).*—Well and borehole, 271 feet, at Whitwell on the Hill. The average daily quantity of water available is 13,000 gallons.

*Works.*—No filtration. Reservoir, near Whitwell, 121,000 gallons.

*Quantity of Water supplied.*—Fairly adequate.

*Quality of Water.*—Good.

**Lord Leconfield.**—Supplies part of parish of Seamer (Stokesley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Seamer. Yield not known.

*Works.*—No filtration. Reservoirs:—Seamer, (a) 4,725 gallons, (b) 6,500 gallons.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Sir Francis Ley, Bart.\***—Supplies part of parish of Glaisdale (Whitby R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from freestone in High Park Wood. Yield not known.

*Works.*—No filtration. Reservoir at West Grosmont, 20,000 gallons.

*Quantity of Water supplied.*—Fair.

*Quality of Water.*—Very pure. Soft, but tin-lined pipes are used.

**Melmerby Water Committee.**—Supplies part of parish of Melmerby (Leyburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock, Melmerby Moor. Yield not known.

*Works.*—No filtration. Reservoir, tank on Melmerby Moor, 150 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Pure.



**Milburn Estates, Limited.**—Supply part of parish of Rosedale East Side (Pickering R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs with gathering ground, 3,000 acres, in Rosedale East. Yield not known.

*Works.*—No filtration. Reservoirs, three in Rosedale East, capacity not known. Pressure is sufficient.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good, and soft. Action on lead not known; contains some iron.

**H. E. Morritt, Esq.**—Supplies parts of parishes of Brignall, and Rokeby (Startforth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Rokeby. Yield not known.

*Works.*—Part of the water is filtered. Reservoir at Rokeby, capacity not known.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Marquess of Normanby.**—Supplies part of parish of Lythe (Whitby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Lythe, Sandsend, and Goldsborough. The average daily quantity of water available is 40,920 gallons.

*Works.*—No filtration. Reservoirs:—Lythe, 60,000 gallons; Sandsend, 5,000 gallons; Goldsborough, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**North Eastern Railway Company.**—Supplies parts of parishes of (1) Ingleby Greenhow, Kirby in Cleveland; (2) Picton and Potto (Stokesley R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring in railway cutting near Kildale Station; (2) wells at Battersby. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Duke of Northumberland.**—Supplies part of parish of Aldbrough (Richmond R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring, near Aldbrough. The average daily quantity of water available is 21,600 gallons.

*Works.*—No filtration. Reservoir, tank, near Aldbrough, 100 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Osmotherly Water Committee.**—Supplies part of parish of Osmotherly (Northallerton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in the Pinfold, Osmotherly. The average daily quantity of water available is 50,000 gallons.

*Works.*—No filtration. Reservoirs at Osmotherly, 5,000 gallons.

*Quantity of Water supplied.*—The daily average is 40,000 gallons. Supply is constant.

*Quality of Water.*—Excellent, and soft.

**W. Pickering, Esq.**—Supplies part of parish of Hutton Lowcross (Guisborough R.D.).

*Source of Supply (Nature and Sufficiency).*—Moorland stream above Hutton. Yield not known.

*Works.*—Water is filtered. Storage Reservoir at Hutton, 142,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**F. H. Pyman, Esq.**—Supplies parts of parishes of Lythe and Newholm with Dunsley (Whitby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from shale, and freestone, Raven Hill, Newholm with Dunsley. The average daily quantity of water available is 10,000 gallons.

*Works.*—No filtration. Reservoir at Raven Hill, 56,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,500 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**The Ravenscar Estate, Ltd.**—Supplies part of parish of Staintondale (Scarborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs at Ravenscar. Yield not known.

*Works.*—No filtration. Reservoirs:—Ravenscar, (a) 123,981 gallons, (b) 280,218 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, and soft.



**Redmire Parish Council.**—Supplies part of parish of Redmire (Leyburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs near Redmire. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Sir B. Samuelson & Co., Ltd.**—Supplies Skelton and Brotton U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from Oolite, Hollin Hill Farm.

The average daily quantity of water obtained is 86,400 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Hon. G. Savile.**—Supplies parish of Hawnby (Helmsley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Hawnby Hill. The average daily quantity of water obtained is 3,000 gallons, but the supply is unlimited.

*Works.*—No filtration. Reservoir at Hawnby, 300 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Spennithorne Water Committee.**—Supplies parish of Spennithorne (Leyburn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone, Spennithorne. Yield not known.

*Works.*—No filtration. Reservoir at Spennithorne, 7,478 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good, but rather hard.

**Earl of Strathmore.**—Supplies parts of parishes of Holwick and Lunedale (Startforth R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at (1) Lonton, (2) Bowbank. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Excellent.

**Trustees of the late Sir C. W. Strickland, Bart.**—Supply part of parish of Hawsker with Stainsacre (Whitby R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, at Row, Fylingdales. The average daily quantity of water obtained is 4,320 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 4,320 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Thornton Rust Water Committee.**—Supplies parish of Thornton Rust (Aysgarth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone at Thornton Rust. The average daily quantity of water available is 6,480 gallons.

*Works.*—No filtration. Reservoir at Thornton Rust, 2,250 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**R. B. Turton, Esq.**—Supplies part of parish of Kildale (Stokesley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Several springs in Kildale. Yield not known.

*Works.*—No filtration. Reservoir, Kildale, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**R. C. de Grey Vyner, Esq.**—Supplies parish of Marton le Moor (Wath R.D.).

*Source of Supply (Nature and Sufficiency).*—Artesian borehole, 190 feet, in New Red Sandstone at Marton le Moor. Yield not known.

*Works.*—No filtration. Reservoirs:—Marton le Moor, (a) 40,000 gallons, (b) 40,000 gallons.

*Quantity of Water supplied.*—The daily average is 700 gallons. Supply is constant.

*Quality of Water.*—Good.



**West Scafton Water Committee.**—Supplies parish of West Scafton (Leyburn R.D.).

*Source of Supply (Nature and Sufficiency).*—Moorland spring over clay near West Scafton. The average daily quantity of water obtained is 500 gallons, and a further 1,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at West Scafton, 750 gallons.

*Quantity of Water supplied.*—The daily average is 500 gallons. Supply is constant.

*Quality of Water.*—Good.

**West Witton Water Committee.**—Supplies parish of West Witton (Leyburn R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from clay and black shale, Capel Bank. The average daily quantity of water obtained is 24,000 gallons, and a further 48,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs, two tanks at West Witton, 112 gallons each.

*Quantity of Water supplied.*—The daily average is 24,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**W. H. A. Wharton, Esq.**<sup>3</sup>—Supplies part of parish of Gilling (Richmond R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Gatherley Moor Top, near Gilling. Yield not known.

*Works.*—No filtration. Reservoir at Rock Castle Farm, Gilling, 2,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir G. O. Wombwell, Bart.**—Supplies parish of Byland with Wass (Helmsley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Hambleton Hills. Yield not known.

*Works.*—No filtration. Reservoirs, tanks at Wass and Byland Abbey, 1,000 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Excellent.

**W. Ainsworth Wood, Esq.**—Supplies parish of Middleton Quernhow (Wath R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Borehole, 79 feet, Coldstone Farm, and (2) Borehole, 126 feet, Middleton Quernhow. Yield not known, but the supply is unlimited.

*Works.*—No filtration. Reservoirs:—Tank at Coldstone Farm, 2,500 gallons; Middleton Quernhow, 4,500 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Marquess of Zetland.**—Supplies (1) Loftus U.D. (part); and (2) parts of parishes of Aske and Gilling (Richmond R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from freestone and shale, Westfield Farm; (2) three springs from limestone at Aske. The average daily quantity of water derived from (1) is 16,000 gallons, and a further 8,000 gallons per day could be obtained. Yield of (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Westfield Farm, 170 gallons; North Road, Loftus, 11,200 gallons.

*Quantity of Water supplied.*—(1) The daily average is 16,000 gallons—supply is constant; (2) ample.

*Quality of Water.*—Good.

## YORKSHIRE (WEST RIDING).

**Addingham Estate Company, Ltd.**—Supplies part of parish of Addingham (Skipton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Addingham. The average daily quantity of water obtained is 10,080 gallons.

*Works.*—No filtration. Reservoir at Addingham, 90,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**W. W. Warde Aldam, Esq.**—Supplies part of parish of Clayton with Frickley (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone at Howell, Clayton with Frickley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**Mrs. Warde Aldam.**—Supplies parish of Hooton Pagnell (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Well, 106 feet, in Magnesian Limestone. Yield not known.

*Works.*—No filtration. Reservoir, tower at Hooton Pagnell Hall, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,400 gallons. Supply is constant.

*Quality of Water.*—Very good, but hard.

**Major E. L. Swinburne Anne.**—Supplies parts of parishes of (1) Burghwallis, (2) Sutton (Doncaster R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone at (1) Burghwallis, (2) Sutton. The average daily quantity of water available from each source is respectively (1) 4,000 gallons, (2) 1,000 gallons.

*Works.*—Water from (1) is filtered. Reservoirs:—Burghwallis, 1,000 gallons; Lady Gap Lane, 2,200 gallons.

*Quantity of Water supplied.*—The daily average is (1) 1,000 gallons, (2) 1,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks that the water is (1) organically pure, but hard, (2) of high organic purity.

**W. D. Arton, Esq.**—Supplies part of parish of Azerley (Ripon R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in sandstone at Mickley. The average daily quantity of water obtained is 10,000 gallons.

*Works.*—No filtration. Reservoir at Mickley, 300 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Trustees of the late T. Ashworth.**—Supply Midgley U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring near Delph Hill, Midgley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good.

**Askern Coal and Iron Co., Ltd.**—Furnishes a supply in bulk to Doncaster R.D.C.

*Source of Supply (Nature and Sufficiency).*—Well, 40 feet, in limestone, at Askern. The average daily quantity of water available is 500,000 gallons.

*Works.*—No filtration. Reservoir at Askern, 1,500,000 gallons.

*Quantity of Water Supplied.*—The daily average is 22,000 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (26th March 1912) that the water is suitable for drinking and general domestic purposes. Hardness 33·5°.

**Mrs. Atkinson.**—Supplies part of parish of Kirkby Malham (Settle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone at Malham. The average daily quantity of water available is 32,000 gallons.

*Works.*—Water is filtered. Reservoirs, small tanks at Malham.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft.

**C. Bairstow, Esq.**—Supplies Oakworth U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring near Haworth. Yield not known.

*Works.*—No filtration. Reservoir, near Haworth, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**James Bairstow, Esq.**—Supplies part of parish of Sutton (Keighley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, at Sutton. The average daily quantity of water available is 10,000 gallons.

*Works.*—No filtration. Reservoir at Sutton, 90,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Analyst remarks (20th June 1910) that the water is admirably suited for drinking and domestic purposes. Hardness 5°.

**Executors of the late W. Barrett.**—Supply part of parish of Steeton with Eastburn (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, Clough Moor Allotment. The average daily quantity of water obtained is 1,536 gallons, and a further 1,536 gallons per day could be obtained.



*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Excellent.

**C. Beverley, Esq.**—Supplies part of parish of Halton East (Skipton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from grit near Halton East.  
 Yield not known.

*Works.*—No filtration. Reservoir at Halton East, 8,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**T. H. Bingley, Esq.**—Supplies part of parish of Ecclesfield (Wortley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone at Grenoside.

The average daily quantity of water obtained is 3,500 gallons.

*Works.*—No filtration. Reservoir at Grenoside, 3,500 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Trustees of the late A. N. Briggs.**—Supply Rawdon U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from freestone, Yeadon. The average daily quantity of water obtained is 9,600 gallons.

*Works.*—No filtration. Reservoir at Harrogate Road, Rawdon, 60,000 gallons.

*Quantity of Water supplied.*—The daily average is 9,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Brodsworth Main Colliery Company, Ltd.**—Supplies part of parish of Adwick le Street (Doncaster R.D.) and furnishes a temporary supply in bulk to Doncaster R.D.C.

*Sources of Supply (Nature and Sufficiency).*—(1) Pumped from pit shaft at Brodsworth Colliery, (2) borehole in limestone at Adwick. The average daily quantity of water available from (2) is 20,000 gallons. Yield of (1) not known.

*Works.*—No filtration. Reservoirs, tanks at Brodsworth Colliery, 100,000 gallons, and 1,700 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good. (1) Hardness 43° (softened to 18°); (2) fairly hard. No action on lead.

**Messrs. Jonas Brook and Bros., Ltd.**—Supply Meltham U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Harden Foot and Royd Edge, Meltham. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent.

**Rev. Oliver Burton.**—Supplies part of parish of West Bradford (Bowland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Stream at Taglemire Fell. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Mrs. H. Calvert.**—Supplies Midgley U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Well at Midgley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**F. Carter, Esq.**—Supplies Sowerby U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, at Sowerby. Yield not known.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and moderately hard.

**P. T. Davies-Cooke, Esq.**—Supplies parts of parishes of Owston and Skellow (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Borehole, 285 feet, in Magnesian Limestone and sand, Owston. The average daily quantity of water available is 36,000 gallons.

*Works.*—No filtration. Reservoir at Owston Park, 13,000 gallons.

*Quantity of Water supplied.*—The daily average is 13,500 gallons. Supply is constant.

*Quality of Water.*—Excellent, but rather hard.



**Mrs. Bewicke-Copley.**—Supplies parishes of Cadeby and Sprotbrough (part) (Doncaster R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Cadeby and Sprotbrough.  
 Yield not known.

*Works.*—No filtration. Reservoirs:—Cadeby, 14,200 gallons; Sprotbrough, 8,000 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Executors of the late S. Crabtree.**—Supply Oxenhope U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Great Brink, High Binns Farm, Oxenhope. The average daily quantity of water obtained is 14,500 gallons.

*Works.*—No filtration. Reservoirs:—Yate Farm, 2,600 gallons, and Lowertown Farm, (a) 800 gallons, (b) 700 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Earl of Dartmouth.**—Supplies (1) Farnley Tyas U.D. (part), and (2) Slaithwaite U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs (1) (a) Farnley Moor, (b) from sandstone, Farnley Tyas; (2) from Millstone Grit at Slaithwaite and Lingards. The average daily quantity of water derived from each source is, respectively, (1) (a) 3,000 gallons, (b) 1,000 gallons; (2) not known; a further 7,000 gallons per day could be obtained from (1) (b).

*Works.*—No filtration. Reservoirs:—(1) Farnley Tyas, (a) 50,000 gallons, (b) 12,886 gallons; (2) Lingards 1,600,000 gallons; Woodhill Ing, Slaithwaite, 300,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 4,000 gallons, (2) 60,000 gallons. Supply (1) intermittent, (2) generally constant.

*Quality of Water.*—Good, but (1) hard.

**F. Darwin, Esq.**—Supplies part of parish of Arthington (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone at Creskeld. Yield not known.

*Works.*—No filtration. Reservoir at Bury Farm, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very pure.

**Capt. Dawson.**—Supplies parishes of Askwith (part) and Weston (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) East Beck at Askwith, (2) Wells and streams at Weston. Yield not known.

*Works.*—No filtration. Reservoirs:—Four tanks at Askwith, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Messrs. J. Delaney, Ltd.**—Supply part of parish of Horton in Ribblesdale (Settle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone at Horton in Ribblesdale. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**The Denaby and Cadeby Main Collieries, Ltd.**—Supply parishes of Conisbrough (part) and Denaby (Doncaster R.D.), and furnish a supply in bulk to Doncaster R.D.C.

*Sources of Supply (Nature and Sufficiency).*—Two boreholes, 279 feet, at Cadeby Main Colliery. The average daily quantity of water obtained is 288,000 gallons, and a further 110,000 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoirs:—North Cliff, Conisborough, (a) 535,666 gallons, (b) 162,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 182,000 gallons, and 106,000 gallons in bulk. Supply is intermittent.

*Quality of Water.*—Frequent chemical examination. Analyst remarks (24th December 1913) that the water is suitable for drinking. Hardness:—total, 28°; permanent, 16·7°. No action on lead; contains a trace of iron.

**Duke of Devonshire.**—Supplies parishes of Barden (part), Beamsley (part), Bolton Abbey, and Hazlewood with Storiths (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit at Summer-scales, Barden and Storiths. Yield not known.



*Works.*—No filtration. Reservoirs :—Summerscales, Hazlewood, 4,500 gallons, Deerstones, 6,000 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Executors of the late John Eastwood.**—Supply Midgley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone, Mill House, Luddenden. The average daily quantity of water available is 10,800 gallons.

*Works.*—No filtration. Reservoir at Luddenden, 588 gallons.

*Quantity of Water supplied.*—The daily average is 150 gallons. Supply is constant.

*Quality of Water.*—Pure.

**J. C. Eckersley, Esq.**—Supplies part of parish of Carlton (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring and well at Carlton. The average daily quantity of water available is 6,550 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**W. E. J. Green-Emmott, Esq.**—Supplies Rawdon U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs and artesian well, 290 feet in Millstone Grit, Billing Hill, Rawdon. Yield not known.

*Works.*—No filtration. Reservoirs :—Billing Hill, Rawdon, (a) 50,000 gallons, (b) 60,000 gallons.

*Quantity of Water supplied.*—The daily average is 15,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord Estcourt.**—Supplies part of parish of Darrington (Pontefract R.D.).

*Sources of Supply (Nature and Sufficiency).*—Two springs under Wenthill, near Darrington. The average daily quantity of water obtained is 4,500 gallons.

*Works.*—No filtration. Reservoir at Darrington, 40,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**W. F. Wailes-Fairbairn, Esq.**—Supplies part of parish of Askham Richard (Bishopthorpe R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Askham Richard. Yield not known.

*Works.*—No filtration. Reservoir at Askham Richard, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**A. G. D. Farrer, Esq.**—Supplies Midgley U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone and clay, Jerusalem Farm. Yield not known.

*Works.*—No filtration. Reservoir at Jerusalem Farm, 2,688 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**J. A. Farrer, Esq.**—Supplies part of parish of Clapham cum Newby (Settle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone and sandstone, Ingleborough Fell. Yield not known, but the supply is unlimited.

*Works.*—Water is filtered. Reservoir at Clapham, 9,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**F. H. Fawkes, Esq.**—Supplies parishes of (1) Castley, (2) Clifton with Norwood (part), (3) Farnley, (4) Hawksworth (part), (5) Leathley (part), (6) Lindley, (7) Pool (part), and (8) Stainburn (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) to (8) Springs from Millstone Grit. The average daily quantity of water derived from each source is, respectively, (1) 864 gallons, (2) 1,782 gallons, (3) 23,116 gallons, (4) 11,013 gallons, (5) 3,600 gallons, (6) 4,607 gallons, (7) 4,886 gallons, (8) 5,584 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.



**Earl Fitzwilliam.**—Supplies parish of Hooton Roberts (Rotherham R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Hooton Cliff. Yield not known.

*Works.*—No filtration. Reservoir, tank at Hooton Cliff, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Messrs. W. and H. Foster, Ltd.**—Supply Denholme U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring on Thornton Moor. The average daily quantity of water obtained is 17,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 17,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**G. R. Lane Fox, Esq., M.P.**—Supplies parishes of (1) Rimington (part) (Bowland R.D.), and (2) Elslack (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs from Carboniferous Limestone, Higher Gills Farm, Rimington, and (2) Spring from Millstone Grit, near Mill Fold, Elslack. The average daily quantity of water available from (1) is 10,000 gallons. Yield of (2) not known.

*Works.*—No filtration. Reservoirs:—(1) Higher Gills, (a) 520 gallons, (b) 520 gallons; Tewit Hill, 7,000 gallons; (2) Elslack, 6,750 gallons.

*Quantity of Water supplied.*—(1) The daily average is 5,000 gallons—supply is constant; (2) sufficient.

*Quality of Water.*—Good.

**Mrs. L. E. Geldard.**—Supplies part of parish of Rathmell (Settle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Rathmell Fell. The average daily quantity of water obtained is 3,500 gallons.

*Works.*—No filtration. Reservoir at Rathmell Fell, 3,500 gallons.

*Quantity of Water supplied.*—The daily average is 3,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**C. Hare-Gill, Esq.**—Supplies part of parish of Felliscliffe (Knaresborough R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from clay, at Felliscliffe. Yield not known.

*Works.*—No filtration. Reservoir, tank at Felliscliffe, 2,300 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good; moderately hard.

**Capt. C. S. Greenwood.**—Supplies part of parish of Morton (Keighley R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit, Rivoek Edge, Morton Banks, Bingley. Yield not known.

*Works.*—No filtration. Reservoir at West Riddlesden, Morton Banks, 16,000 gallons.

*Quantity of Water supplied.*—The daily average is 5,500 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**F. W. Hadwen, Esq.**—Supplies Sowerby U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Sowerby. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory, and soft.

**The Misses Hammond.**—Supply part of parish of Arncliffe (Settle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Dirgill. Yield not known.

*Works.*—Water is filtered. Reservoir, tank at Dirgill, 520 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Earl of Harewood.**—Supplies parishes of (1) Plompton (Knaresborough R.D.), and (2) Harewood (part) (Wetherby R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from grit, (1) Plompton, (2) Harewood. The average daily quantity of water derived from each source is, respectively, (1) 10,000 gallons, (2) 20,000 gallons; a further 60,000 gallons per day could be obtained from (1) and 15,000 gallons from (2).



*Works.*—No filtration. Reservoirs:—(1) Plompton, 50,000 gallons; (2) Harewood, 52,000 gallons.

*Quantity of Water supplied.*—The daily average is (1) 10,000 gallons, (2) 20,000 gallons. Supply is constant.

*Quality of Water.*—Good; (2) moderately hard.

**J. A. Hellowell, Esq.**—Supplies Sowerby U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Sowerby. Yield not known.

*Works.*—No filtration. No reservoirs.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**Rev. B. Hemsworth.**—Supplies part of parish of Monk Fryston (Pontefract R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in limestone, Monk Fryston Hall. Yield not known.

*Works.*—No filtration. Reservoir, tower at Monk Fryston Hall, 11,200 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**Sir J. C. Horsfall, Bart.**—Supplies Oxenhope U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Uppertown and Bents. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Pure.

**Lord Hothfield.**—Supplies part of parish of Stirton with Thorlby (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Thorlby. The average daily quantity of water obtained is 64,800 gallons; and a further 97,200 gallons per day could be obtained.

*Works.*—No filtration. Reservoir, tank at Thorlby, 1,276 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Sir William Ingilby, Bart.**—Supplies part of parish of Ripley (Knaresborough R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, over clay, two miles from Ripley. The average daily quantity of water obtained is 10,000 gallons.

*Works.*—No filtration. Reservoir at Kettle Spring, 8,000 gallons.

*Quantity of Water supplied.*—The daily average is 10,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Mrs. Heywood Jones.**—Supplies parish of Badsworth (Hemsworth R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Well; (2) Well; (3) Spring and wells; all at Badsworth. The average daily quantity of water derived from each source is, respectively, (1) 8,640 gallons, (2) 1,860 gallons, (3) not known.

*Works.*—No filtration. Reservoirs:—Badsworth, 13,000 gallons; and Upton, 6,300 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Fairly good.

**Messrs. Kershaw Bros.**—Supply Oxenhope U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Smithy Farm, Oxenhope. The average daily quantity of water obtained is 15,600 gallons; and a further 10,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Oxenhope, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,600 gallons. Supply is constant.

*Quality of Water.*—Good.

**T. Foster Knowles, Esq.**—Supplies part of parish of Stainforth (Settle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Billinger Pasture. Yield not known.

*Works.*—No filtration. Reservoir at Giggleswick, 28,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good. Hardness:—total, 11·6°; permanent, 2·18°.



**Col. G. L. Bence Lambert and other property owners.**—Supply part of parish of Morton (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Morton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (13th March 1913) that the water is organically pure. Hardness, 9·5°.

**Sir A. T. Lawson, Bart.**—Supplies part of parish of Bramhope (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring at Otley Chevin; (2) Borehole at Otley Chevin; (3) Well on Bramhope Moor. The average daily quantity of water available from (1) is 8,000 gallons. Yield of (2) and (3) not known.

*Works.*—No filtration. Reservoir at Bramhope, 1,078,000 gallons.

*Quantity of Water supplied.*—The daily average is 8,000 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**Leeds and Liverpool Canal Co.**—Supply parish of Eshton (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Streams at Winterburn. Yield not known.

*Works.*—No filtration. Reservoir at Winterburn, 281,600,000 gallons.

*Quantity of Water supplied.*—The daily average is 3,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**Luddenden and District Industrial Co-operative Society, Ltd.**—Supplies Midgley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone at Luddenden. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good.

**The Manvers Main Collieries, Ltd.**—Supply part of parish of Adwick upon Dearne (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Adwick upon Dearne. Yield not known.

*Works.*—No filtration. Reservoir at Adwick upon Dearne, 25,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Col. W. W. Maude.**—Supplies part of parish of Cracoe (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from sandstone at Cracoe. Yield not known.

*Works.*—No filtration. Reservoir, tank at Cracoe, 1,490 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (13th March 1914) that the water is organically pure. Hardness, 4·2°.

**Messrs. Edwin Merrall, Ltd.**—Supply part of parish of Morton (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs at Morton. The average daily quantity of water obtained is 16,560 gallons.

*Works.*—No filtration. Reservoirs, tanks at Morton, 6,000 gallons.

*Quantity of Water supplied.*—The daily average is 16,560 gallons. Supply is constant.

*Quality of Water.*—Very good; hard.

**M. F. Middleton, Esq.**—Supplies parts of parishes of Middleton and Nesfield with Langbar (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit, Middleton and Langbar Moors. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory.

**Midgley Co-operative Industrial Society, Ltd.**—Supplies Midgley U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring on Midgley Moor. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.



**Midland Railway Company.**—Supplies part of parish of Hellifield (Settle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from gravel, Hellifield. The average daily quantity of water obtained is 130,000 gallons.

*Works.*—Water is filtered. Reservoir, tank at Hellifield, 36,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**F. J. O. Montagu, Esq.**—Supplies part of parish of High Melton (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Ludwell Spring from limestone, Melton. Yield not known.

*Works.*—No filtration. Reservoirs:—Melton Warren, (a) 20,000 gallons, (b) 20,000 gallons; tank at Melton Brand Farm, 1,000 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Trustees of the late William Morris.**—Supply Sowerby U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit at Triangle. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and fairly soft.

**W. Morrison, Esq.**—Supplies part of parish of Malham (Settle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from shale and grit (Yoredale Rocks). Weets and Knoupe Fell. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**J. Murgatroyd, Esq.**—Supplies Midgley U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from moorland at Midgley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Pure.

**New Brighton Property Owners.**—Supply Shipley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring and stream at Stoney Ridge. Yield not known.

*Works.*—Water is filtered. Reservoir at New Brighton, 22,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**North Eastern Railway Company.**—Supplies part of parish of Arthington (Wharfedale R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, near Arthington. The average daily quantity of water obtained is 1,500 gallons, a further 13,500 gallons per day could be obtained.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 1,500 gallons. Supply is constant.

*Quality of Water.*—Satisfactory.

**T. Norton, Esq.**—Supplies Thurstonland U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—(1) Ingwell Spring from Millstone Grit, Thurstonland; (2) Hollowgate Well in Millstone Grit, Thurstonland Bank; (3) Inghead Springs from Millstone Grit. The average daily quantity of water available from each source is, respectively, (1) 4,000 gallons, (2) 1,400 gallons, (3) 150 gallons.

*Works.*—No filtration. Reservoirs:—Ingwell Spring, 1,120 gallons; Inghead Springs, 120 gallons.

*Quantity of Water supplied.*—The daily average is 1,200 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**Executors of the late Walter Norton.\***—Furnish a supply in bulk to Denby and Cumberworth U.D.C. (see page 45).

*Sources of Supply (Nature and Sufficiency).*—Springs in Square Wood, Denby. The average daily quantity of water obtained is 5,000 gallons, and a further 240,000 gallons per day could be obtained.



*Works.*—Reservoir at Square Wood, Denby, 2,000,000 gallons.  
*Quantity of Water supplied.*—The daily average is 5,000 gallons.  
*Quality of Water.*—Very good.

**Messrs. F. E. and C. A. Pawson.**—Supply Oxenhope U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs, (1) Bull Hill, (2) Fern Hill. The average daily quantity of water derived from each source is, respectively, (1) 13,000 gallons, (2) 4,000 gallons; a further 10,000 gallons per day could be obtained from (1) and 3,000 gallons from (2).

*Works.*—No filtration. *Reservoirs:*—Bull Hill, 2,699 gallons; Fern Hill, 731 gallons.  
*Quantity of Water supplied.*—The daily average is 1,920 gallons. Supply is constant.  
*Quality of Water.*—Good.

**J. Peate, Esq.**—Supplies Guiseley U.D. (part) and Yeadon U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from shale, The Banks, Yeadon. The average daily quantity of water obtained is 5,000 gallons, and a further 5,000 gallons per day could be obtained.

*Works.*—No filtration. *Reservoirs at Yeadon,* (a) 15,000 gallons, (b) 294,000 gallons (not in use).

*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.  
*Quality of Water.*—Good.

**A. H. Heber-Percy, Esq.**—Supplies part of parish of Airmyn (Goole R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, half-a-mile from Airmyn. Yield not known.

*Works.*—No filtration. *Reservoir, tank near Airmyn,* 2,680 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Jonas Pickles, Esq.**—Supplies Oxenhope U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Oxenhope. The average daily quantity of water available is 34,560 gallons.

*Works.*—No filtration. *Reservoirs, two tanks at Oxenhope* (a) 225 gallons, (b) 550 gallons.

*Quantity of Water supplied.*—The daily average is 1,820 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (10th October 1905) that the water is organically pure. *Hardness:*—total, 3°; permanent, nil.

**W. A. Proctor, Esq.**—Supplies parish of Rylstone (Skipton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Rylstone Fell. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Messrs. M. and J. H. Pighills.**—Supply Oxenhope U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sand and clay, Hoyle Syke Farm, Oxenhope. The average daily quantity of water available is 2,880 gallons.

*Works.*—No filtration. *Reservoir, tower at Lower Marsh, Oxenhope,* 656 gallons.

*Quantity of Water supplied.*—The daily average is 1,776 gallons. Supply is constant.

*Quality of Water.*—Good.

**Mrs. MacDougall Rawson.**—Supplies Sowerby U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Sowerby. Yield not known.

*Works.*—No filtration. *Reservoir at Sowerby,* capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, and soft.

**J. Selwyn Rawson, Esq.**—Supplies Sowerby U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs and mines, Sowerby. Yield not known.

*Works.*—No filtration. *Reservoirs, underground tanks at Sowerby,* 140,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**John Reddihough, Esq.**—Supplies Oxenhope U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone at Oxenhope. The average daily quantity of water available is 24,000 gallons.

*Works.*—No filtration. Reservoirs, tank at Moorhouse, Oxenhope, 93 gallons.

*Quantity of Water supplied.*—The daily average is 800 gallons. Supply is constant.

*Quality of Water.*—Good, and soft.

**Lord Ribblesdale.**—Supplies part of parish of Gisburn (Bowland R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Little Park, Gisburn. The average daily quantity of water obtained is 7,500 gallons, and a further 100,000 gallons per day could be obtained.

*Works.*—No filtration. Reservoir at Fiddle Case Meadow, Gisburn, 50,000 gallons.

*Quantity of Water supplied.*—The daily average is 7,500 gallons. Supply is constant.

*Quality of Water.*—Good.

**The Ribblesdale Lime Company, Ltd.**—Supplies part of parish of Horton in Ribblesdale (Settle R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Silurian formation, Foredale, Helwith Bridge. Yield not known, but the supply is unlimited.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Riddlesden Water Supply.**—Supplies part of parish of Morton (Keighley R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, Moorcock Farm, Ilkley Moor. Yield not known.

*Works.*—Water is filtered. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (18th March 1913) that the water is organically very pure. Hardness,  $2.8^{\circ}$ . The water is liable to act on lead.

**S. Robertshaw, Esq.**—Supplies Midgley U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit, Midgley Moor. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**Rossington Main Colliery Co., Ltd.**—Supplies part of parish of Rossington (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Well in triassic red marls and sandstones at Rossington. The average daily quantity of water available is 300,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 11,000 gallons. Supply is constant.

*Quality of Water.*—Good—occasional chemical examination. Hardness,  $60^{\circ}$ . (Softened before distribution).

**R. F. Roundell, Esq.**—Supplies parishes of Coates (part) Martons Both (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from freestone, Higher Park Farm, near Barnoldswick; (2) Spring from limestone, Keld Well; (3) Spring from limestone, East Marton. The average daily quantity of water derived from each source is, respectively, (1) not known, (2) 6,000 gallons, (3) 6,000 gallons; and a further 4,000 gallons per day could be obtained from (2).

*Works.*—No filtration. Reservoirs:—Barnoldswick, 3,500 gallons; West Marton, 57,000 gallons; East Marton, 22,500 gallons.

*Quantity of Water supplied.*—The daily average is 14,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Lord St. Oswald.**—Supplies parts of parishes of Hessle and Hill Top, and Huntwick with Foulby and Nostell (Hemsworth R.D.).

*Source of Supply (Nature and Sufficiency).*—Pumped from pit shaft, 180 feet, Nostell Colliery. Yield not known.

*Works.*—Water is filtered. Reservoir, tank at Nostell Colliery, 70,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.



**Messrs. J. and J. Schofield.**—Supply Midgley U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from Millstone Grit and elland Flagstone at Trayroyd and Scotland, Midgley. Yield not known.

*Works.*—No filtration. Reservoir, tank at Scotland, capacity not known.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Rev. T. Sheepshanks.**—Supplies parts of parishes of Arthington and Pool (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from freestone, Arthington Banks. The average daily quantity of water obtained is 17,500 gallons.

*Works.*—No filtration. Reservoirs at Arthington Banks, 8,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Mrs. Skipwith.**—Supplies parish of Loversall (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, St. Catherine's Well. The average daily quantity of water obtained is 6,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Very good.

**W. Spencer, Esq.**—Supplies part of parish of Lothersdale (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Spring from sandstone, Hawshaw, Lothersdale, and (2) Spring from limestone, Knott Field, Lothersdale, (3) Spring at Bent Hall. Yield not known.

*Works.*—No filtration. Reservoirs:—Knott Fields, 156 gallons; Hawshaw, 900 gallons; Wintergappe, 700 gallons; Back Croft, 1,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Capt. J. Stansfeld.**—Supplies Sowerby U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Sowerby. Yield not known.

*Works.*—No filtration. Reservoir, near Triangle, 4,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Mrs. E. Sutcliffe.**—Supplies Midgley U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Midgley. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Pure.

**H. W. Worsley Taylor, Esq., K.C.**—Supplies part of parish of Bashall Eaves (Bowland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs and small streams, Black Hill, Bashall Eaves. The average daily quantity of water obtained is 2,000 gallons.

*Works.*—No filtration. Reservoirs at Bashall Eaves, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Fairly good, and soft.

**Major Tempest.**—Supplies part of parish of Broughton (Skipton R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, at Broughton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Excellent, but hard.

**C. Thellusson, Esq.**—Supplies parish of Brodsworth (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone, Brodsworth. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.



**Mrs. S. Thomas.**—Supplies Midgley U.D. (part).*Source of Supply (Nature and Sufficiency).*—Well at Midgley. Yield not known.*Works.*—No filtration. No reservoir.*Quantity of Water supplied.*—Ample.*Quality of Water.*—Good.**T. B. Clarke-Thornhill, Esq.**—Supplies Calverley U.D. (part).*Sources of Supply (Nature and Sufficiency).*—Springs from Stanningley Rock, and Ganister Beds, Woodhall Hills, Calverley. Yield not known.*Works.*—Water is filtered. Reservoirs:—Harper Hills, Calverley, 300,000 gallons; Mudge Bank, Calverley, 3,375 gallons.*Quantity of Water supplied.*—Adequate.*Quality of Water.*—Good.**G. A. Titterington, Esq.**—Supplies Sowerby U.D. (part).*Source of Supply (Nature and Sufficiency).*—Spring from grit, at Sowerby. Yield not known.*Works.*—No filtration. No reservoir.*Quantity of Water supplied.*—Adequate.*Quality of Water.*—Good, and soft.**Executors of the late T. Titterington.**—Supply Midgley U.D. (part).*Source of Supply (Nature and Sufficiency).*—Spring from grit, at Midgley. Yield not known.*Works.*—No filtration. No reservoir.*Quantity of Water supplied.*—Ample.*Quality of Water.*—Good.**The Towneley Owners.**—Supply parts of parishes of Bowland Forest [High, and Bowland Forest Low (Bowland R.D.).*Source of Supply (Nature and Sufficiency).*—"Witcher Well" spring on Staple Oak Fell. Yield not known.*Works.*—No filtration. Reservoir at Staple Oak Fell, capacity not known.*Quantity of Water supplied.*—Abundant.*Quality of Water.*—Good.**Waddington Property Owners.**—Supply part of parish of Waddington (Bowland R.D.).*Source of Supply (Nature and Sufficiency).*—Waddington Brook. Yield not known.*Works.*—No filtration. Reservoirs at Feaz-or, 50,000 gallons.*Quantity of Water supplied.*—Abundant.*Quality of Water.*—Good, and soft.**Earl of Wharnccliffe.**—Supplies parts of parishes of (1) Thurgoland (Penistone R.D.); (2) Tankersley and Wortley (Wortley R.D.).*Source of Supply (Nature and Sufficiency).*—(1) Spring at Thurgoland; (2) Moorland gathering ground, Wharnccliffe Chase, Wortley. Yield not known.*Works.*—No filtration. Storage reservoir, Wharnccliffe Chase, 25,000,000 gallons. Service reservoirs, Wharnccliffe Chase, 500,000 gallons, "Ashes Pond," Wortley, 350,000 gallons. Pressure is sufficient.*Quantity of Water supplied.*—Adequate.*Quality of Water.*—Good. (2) Hardness 3·8°. No action on lead.**H. G. Whitaker, Esq.**—Supplies Oxenhope U.D. (part).*Source of Supply (Nature and Sufficiency).*—Spring on Goose Green, Lowertown, Oxenhope. Yield not known.*Works.*—No filtration. Reservoir, tank at Goose Green, capacity not known.*Quantity of Water supplied.*—Adequate.*Quality of Water.*—Good.**Messrs. R. Whitaker and Sons, Ltd.**—Supply Midgley U.D. (part).*Sources of Supply (Nature and Sufficiency).*—Spring and stream on Midgley Moor. Yield not known.*Works.*—No filtration. Reservoirs at Towngate, Midgley, 3,900 gallons.*Quantity of Water supplied.*—Adequate.*Quality of Water.*—Good.



**J. L. Whiteley, Esq.**—Supplies Sowerby U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring at Sowerby. The average daily quantity of water available is 500 gallons.

*Works.*—No filtration. Reservoir at Sowerby, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very pure, and soft.

**S. Whitfield Esq.**—Supplies part of parish of Conisbrough (Doncaster R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Mountpleasant. Yield not known.

*Works.*—No filtration. Reservoir at Mountpleasant, 7,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Messrs. Whitworth & Co., Ltd.**—Supply Luddenden Foot U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Sowerby. Yield not known.

*Works.*—No filtration. Reservoirs at Bottoms Farm, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**F. E. Wilkinson, Esq.**—Supplies Otley U.D. (part), and parish of Newall with Clifton (part) (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces and springs, Newall with Clifton. The average daily quantity of water available is 94,500 gallons.

*Works.*—Filtration, 35 gallons per square yard per day. Storage reservoir, Newall with Clifton, 2,000,000 gallons.

*Quantity of Water supplied.*—The daily average is 15,750 gallons. Supply is constant.

*Quality of Water.*—Occasional chemical examination. Analyst remarks that the water is of the highest organic purity. Hardness, 12°. No action on lead.

**J. Wilkinson, Esq.**—Supplies part of parish of Thornton in Craven (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Thornton Moor, Thornton in Craven. Yield not known.

*Works.*—No filtration. Reservoirs, two at Thornton, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**F. J. Wilson, Esq., and other property owners.**—Supply part of parish of Lothersdale (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone, Lothersdale. Yield not known.

*Works.*—No filtration. Reservoir at Lothersdale, 1,500 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Sir M. A. Wilson, Bart.**—Supplies part of parish of Threshfield (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from sandstone and limestone, "Craven Fault," Threshfield Moor. The average daily quantity of water available is 10,000 gallons.

*Works.*—No filtration. Reservoir at Threshfield Moor, 10,000 gallons.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Col. R. H. F. Wilson, D.S.O.**—Supplies part of parish of Kildwick (Skipton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs on Kildwick Moor. The average daily quantity of water obtained is 2,100 gallons.

*Works.*—No filtration. Reservoir at Kildwick Moor, 20,000 gallons.

*Quantity of Water supplied.*—The daily average is 2,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**Trustees of C. B. E. Wright's Settled Estates.**—Supply part of parish of Bolton by Bowland (Bowland R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland streams over limestone and Boulder Clay, in Bolton, Monubent. The average daily quantity of water obtained is 3,000 gallons, and a further 4,000 gallons per day could be obtained.



*Works.*—Water is filtered. Reservoirs:—Springheads, (a) 120,000 gallons; (b) 24,000 gallons; Bolton Hall, 22,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.  
*Quality of Water.*—Good, but hard.

**M. D'Arcy Wyvill, Esq.**—Supplies parish of Denton (Wharfedale R.D.).

*Sources of Supply (Nature and Sufficiency).*—Moorland springs near Constable Burton. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**J. C. Yorke, Esq.**—Supplies part of parish of West Halton (Settle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from gravel over clay: (1) West Halton, (2) Thornber Hill, West Halton; (3) Wells and springs, Scale, West Halton. The average daily quantity of water derived from each source is, respectively, (1) 600 gallons, (2) 250 gallons, (3) 250 gallons. A further 600 gallons per day could be obtained from (1), 200 gallons from (2), and 200 gallons from (3).

*Works.*—No filtration. Reservoirs:—Long Bank, West Halton, 1,500 gallons; Thornber Hill, 2,000 gallons.

*Quantity of Water supplied.*—The daily average is, (1) 600 gallons, (2) 250 gallons, (3) 250 gallons. Supply from (1) and (3) is constant, and from (2) intermittent.

*Quality of Water.*—Good.

#### ANGLESEY.

**Sir R. H. Williams-Bulkeley, Bart.,** *see* Beaumaris T.C., page 13.

#### BRECKNOCKSHIRE.

**Committee of Visitors, Brecon and Radnor Asylum.**—Furnishes supplies in bulk to (1) Hay R.D.C., (2) Cambrian Railways Co. for part of parish of Talgarth (Hay R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) River Enig, (2) Spring from gravel and sand at Talgarth. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

**Lord Glanusk.**—Supplies parts of parishes of (1) Llanhamlach (Brecknock R.D.); (2) Llanfihangel Cwmdru (Crickhowell R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Springs near Slade Farm; (2) Spring at Cwmdru. Yield not known.

*Works.*—No filtration. Reservoirs, four tanks, 230 gallons each.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Lord Glanusk, Lord Tredegar, and H. A. Christy, Esq.**—Supply part of parish of Llysven (Hay R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Old Red Sandstone, Llysven. Yield not known.

*Works.*—No filtration. Reservoir, tank at Llysven, 230 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Very good.

**Llanbedr Village Subscription Supply.**—Supplies part of parish of Llanbedr (Crickhowell R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Old Red Sandstone, at Llanbedr. The average daily quantity of water available is 600 gallons.

*Works.*—No filtration. Reservoir, small intake tank.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Llanfihangel Tallyllyn Water Committee.**—Supplies part of parish of Llanfihangel Tallyllyn (Brecknock R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Llanfihangel Tallyllyn. Yield not known.



*Works.*—No filtration. Reservoir, tank at Llanfihangel Talyllyn, 1,200 gallons.  
*Quantity of Water supplied.*—Fairly ample.  
*Quality of Water.*—Good, but very hard.

**Llyswen Water Committee.**—Supplies part of parish of Llyswen (Hay R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Two springs from Old Red Sandstone, Graig Lay. The average daily quantity of water obtained is 17,280 gallons.  
*Works.*—No filtration. Reservoir at Graig Lay, 4,000 gallons.  
*Quantity of Water supplied.*—Generally adequate.  
*Quality of Water.*—Pure.

**Col. T. Wood.**—Supplies parts of parishes of Aberllynfi, Llanelieu, Pipton, and Tregoyd and Velindre (Hay R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from Old Red Sandstone. Yield not known.  
*Works.*—No filtration. Reservoirs:—Gwernyfed Park, Glasbury (two), and Velindre (two), capacity not known.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

### CARDIGANSHIRE.

**Melindwr Consumers.**—Supply part of parish of Melindwr (Aberystwyth R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Three springs at Penybont. Yield not known.  
*Works.*—No filtration. Reservoir at Penybont, 740 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good, and soft.

**Penrhyncoch Village Supply.**—Supplies part of parish of Trefeirig (Aberystwyth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from shale near Penrhyncoch. Yield not known.  
*Works.*—No filtration. Reservoir at Penrhyncoch, 60 gallons.  
*Quantity of Water supplied.*—The daily average is 600 gallons. Supply is constant.  
*Quality of Water.*—Good, and soft.

**T. J. Waddingham, Esq.**—Supplies part of parish of Upper Llanfihangel y Creuddyn (Aberystwyth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from gravel, Devil's Bridge. Yield not known.  
*Works.*—No filtration. Reservoir, tank at Devil's Bridge, 1,000 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Satisfactory.

### CARMARTHENSHIRE.

**Carmarthenshire Education Authority.**—Supplies part of parish of Conwil Gaio (Llandovery R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from peat and clay,  $\frac{1}{2}$  mile north-east of Gaio. The average daily quantity of water available is 4,000 gallons.  
*Works.*—No filtration. Reservoirs at Gaio, 400 gallons.  
*Quantity of Water supplied.*—The daily average is 600 gallons. Supply is constant.  
*Quality of Water.*—Fairly good, but rather hard.

**I. E. Campbell Davys, Esq.**—Supplies part of parish of Cilycwm (Llandovery R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from gravel, Cilycwm. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Abundant.  
*Quality of Water.*—Good.

**D. W. Drummond, Esq.**—Furnishes a supply in bulk to Carmarthen R.D.C. (see page 33).  
*Source of Supply (Nature and Sufficiency).*—Spring from red sandstone at Broadlay Ferryside. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—The daily average is 450 gallons. Supply is constant.  
*Quality of Water.*—Good; moderately hard.



## CARNARVONSHIRE.

**Aluminium Corporation, Ltd.**—Supplies part of parish of Dolgarrog (Conway R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Dolgarrog. Yield variable.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Intermittent.

*Quality of Water.*—Occasional chemical examination. Analyst remarks (26th February 1914) that it is a water of extreme purity. Hardness:—total, 1·4°; permanent, 0·8°.

**Mrs. Wynne Finch.**—Supplies part of parish of Edeyrn (Lleyn R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Hendre Farm. Yield not known.

*Works.*—No filtration. Reservoir, tank on Hendre Farm, capacity not known.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Llanaelhaiarn Parish Council.**—Supplies part of parish of Llanaelhaiarn (Lleyn R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from gravel at Lime Street and Cae Coch. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Generally ample.

*Quality of Water.*—Good.

**Llanaelhaiarn Village Water Committee.**—Supplies part of parish of Llanaelhaiarn (Lleyn R.D.).

*Source of Supply (Nature and Sufficiency).*—St. Aelhaiarn Well in gravel on shale. Yield not known.

*Works.*—No filtration. Reservoir, tank near St. Aelhaiarn Well, 200 gallons.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Good.

**Governors of St. Andrew's Hospital, Northampton.**—Supply Llanfairfechan U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Spring and stream, with upland gathering ground, Caneg Fawr Mountain. Yield not known.

*Works.*—No filtration. Reservoir at Llys Gwynt, 130,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

## DENBIGHSHIRE.

**James Amphlett, Esq.**—Supplies Colwyn Bay and Colwyn U.D. (part).

*Source of Supply (Nature and Sufficiency).*—Spring on Bryn y Maen Farm. Yield not known.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Trustees of the Coed Coch Estate.**—Supply part of parish of Bettws yn Rhôs or Bettws Abergele (St. Asaph, Denbigh, R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from limestone at Bettws yn Rhôs. Yield not known.

*Works.*—No filtration. Reservoir at Bettws yn Rhôs, 2,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**Denbighshire Education Authority.**—Supplies part of parish of Llanarmon Dyffryn Ceiriog (Llansilin R.D.).

*Source of Supply (Nature and Sufficiency).*—Stream near Llanarmon Dyffryn Ceiriog. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.



**Trustees of the late Canon H. W. Haygarth.**—Supply parts of parishes of Llanellidan and Llanfair Dyffryn Clwyd Rural (Ruthin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Silurian formation. Mynydd Cricor, spring from Carboniferous Limestone, Glas Coed, and spring from Upper Silurian, Caerddinan. Yield not known.

*Works.*—No filtration. Reservoirs:—Tanks at Mynydd, 29,300 gallons; Plas Onn, 1,100 gallons; Cilan, 143,800 gallons; and Caerddinan, 1,550 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**H. Hughes, Esq.**—Supplies part of parish of Llangadwaladr (Llansilin R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from shale rock at Llangadwaladr, near Tregairiog. The average daily quantity of water obtained is 1,440 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Generally sufficient.

*Quality of Water.*—Good.

**D. Jones, Esq.**—Supplies part of parish of Cerrig y Druidion (Uwchaled R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Maes y Llan, Cerrig y Druidion. Yield not known.

*Works.*—No filtration. Reservoir at Maes y Llan, 4,500 gallons.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

**Mrs. E. J. Tudor Jones.**—Supplies part of parish of Llantysilio (Llangollen R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Pentredwr. The average daily quantity of water obtained is 6,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 6,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**J. Jones, Esq.**—Supplies part of parish of Efenechtyd (Ruthin R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring in Efenechtyd. Yield not known.

*Works.*—No filtration. Reservoir, tank in Efenechtyd, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Sir A. E. H. Naylor Leyland, Bart.**—Supplies parts of parishes of Clocaenog, Llanellidan, Llanfair Dyffryn Clwyd Rural (Ruthin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Streams or springs near Llanellidan, Brynclwyd, Nantclwyd Cottage, Gwyrch Bedw, Plasysregol, Tynewydd, and Cricor. Yield not known.

*Works.*—No filtration. Reservoirs:—Siamher Wen, 9,000 gallons; Brynclwyd, 800 gallons; Nantclwyd Cottage, 600 gallons; Gwyrch Bedw, 400 gallons; Plasysregol, (a) 350 gallons, (b) 500 gallons; Tynewydd, 800 gallons; Cricor, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Trustees of Llanrhaiadr Hall Estate.**—Supply part of parish of Llanrhaiadr yn Cimmerch Rural (Ruthin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Pandy; stream, intake at Brynmorfydd; and spring in the Dingle. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Llansilin Water Committee.**—Supplies part of parish of Llansilin (Llansilin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Well and springs from gravel, Plas Newydd. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.



**Col. S. Pare Lynes.**—Supplies part of parish of Llangwm (Uwchaed R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs, intercepted underground, near Llangwm. Yield not known.

*Works.*—No filtration. Reservoir tank near Llangwm, 788 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Good.

**Messrs. R. McAlpine and Sons.**—Supply part of parish of Cerrig y Druidion (Uwchaed R.D.).

*Sources of Supply (Nature and Sufficiency).*—Stream and surface water from moor near Hafod Llan Isa. Yield not known.

*Works.*—Mechanical filters. Reservoir at Hafod Llan Isa, 100,000 gallons.

*Quantity of Water supplied.*—The daily average is 14,000 gallons. Supply is constant.

*Quality of Water.*—Good.

**North Wales Asylum Committee.**—Supplies part of parish of Nantglyn (Ruthin R.D.), and furnishes a supply in bulk to Ruthin R.D.C.

*Powers.*—North Wales Counties Lunatic Asylum (Water Supply) Act, 1896.

*Limits.*—Denbigh B. (part), and parish of Nantglyn (Ruthin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Lake Llyn Bran, moorland gathering ground, 200 acres, and spring in tunnel near the lake. The average daily quantity of water obtained is 51,100 gallons, and an unlimited supply could be obtained.

*Works.*—No filtration. Reservoir at Coed Accas, Denbigh, 90,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 50,000 gallons and 1,100 gallons in bulk. Supply is constant.

*Quality of Water.*—Occasional chemical and bacteriological examination. Analyst remarks (27th December 1913) that the water is of satisfactory organic and bacterial purity. Hardness:—total, 4·1°; permanent, 1·6°. Lead pipes not used.

**A. H. Potts, Esq.**—Supplies part of parish of Llanferras (Ruthin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone at Llanferras. Yield not known.

*Works.*—Water is filtered. Reservoirs:—Llanferras, 1,056 gallons; Glan yr Afon, 1,830 gallons; Tafarny Gelyn, 562 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory.

**W. G. Rigby, Esq.**—Supplies part of parish of Llandyrnog Rural (Ruthin R.D.).

*Sources of Supply (Nature and Sufficiency).*—Streams and springs, Llandyrnog Rural. Yield not known.

*Works.*—Part of the water is filtered. Reservoirs:—Caerfedwen Field, 2,000 gallons; Gader Goch Field, 2,000 gallons.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Col. S. Sandbach.**—Supplies part of parish of Llangerniew (Llanrwst R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from slate, Crel Farm. Yield not known.

*Works.*—No filtration. Reservoirs at Shop Farm and Smithy Field, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

## FLINTSHIRE.

**M. Rowley Conwy, Esq.**—Supplies part of parish of Llanfynydd (Hawarden R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Millstone Grit at Cefnybedd. The average daily quantity of water obtained is 300 gallons, and a further 1,500 gallons per day could be obtained.

*Works.*—Water is filtered. Reservoir tank at Cefnybedd, 1,125 gallons.

*Quantity of Water supplied.*—The daily average is 300 gallons. Supply is constant.

*Quality of Water.*—Good.



**Messrs. G. and F. Ledson.**—Supply part of parish of Sealand (Hawarden R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring at Sealand. Yield not known.  
*Works.*—No filtration. Reservoir at Sealand, 15,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**D. F. Pennant, Esq.**—Supplies part of parish of Bodfari (St. Asaph (Flint) R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs and wells at Bodfari. The average daily quantity of water obtained is 300 gallons.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

### GLAMORGANSHIRE.

**E. Evans Bevan, Esq.**—Supplies part of parish of Dylais Higher (Neath R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Seven Sisters. Yield not known.  
*Works.*—Water is filtered. Reservoir at Bryndulais Farm, 1,000,000 gallons.  
*Quantity of Water supplied.*—The daily average is 50,000 gallons. Supply is constant.  
*Quality of Water.*—Pure.

**Britannic Merthyr Coal Company, Ltd.**—Supplies Ogmore and Garw U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Upland surfaces, Ogwr Fach, Glynllan Mountain. The average daily quantity of water available is 60,500 gallons.  
*Works.*—No filtration. Reservoir at Glynllan Mountain, 59,000 gallons.  
*Quantity of Water supplied.*—The daily average is 36,000 gallons. Supply is intermittent.  
*Quality of Water.*—Good.

**Marquess of Bute.**—Supplies Penarth U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Spring from Lias limestone, Llandough. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Generally adequate.  
*Quality of Water.*—Good, but hard.

**R. Cory, Esq., and Miss Cory.**—Supply part of parish of St. Nicholas (Llandaff and Dinas Powis R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from gravel and clay, near St. Nicholas. The average daily quantity of water available is 93,000 gallons.  
*Works.*—No filtration. Reservoir, on Homri Farm, St. Nicholas, 250,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Occasional chemical examination. Analyst remarks (25th September 1909) that the water is reasonably good and safe. Hardness:—total, 17°; permanent, 5°.

**The Lewis Merthyr Consolidated Collieries, Ltd.**—Supply Caerphilly U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Senghenydd. Yield not known.  
*Works.*—No filtration. Reservoir at Senghenydd, 500,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**Parc Newydd Estate.**—Supplies Caerphilly U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—Springs from rock, at Senghenydd in Eglwysilian. Yield not known.  
*Works.*—No filtration. Reservoir at Senghenydd, 1,000,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good.

**D. Williams, Esq.**—Supplies Caerphilly U.D. (part).  
*Sources of Supply (Nature and Sufficiency).*—(1) Spring from Pennant Grit, Mynydd Mayo, and (2) Nant Cwmbyr Stream, Mynydd Mayo. Yield not known.



*Works.*—No filtration. Reservoirs at Mynydd Mayo, (a) 34,800 gallons, (b) 425,000 gallons.

*Quantity of Water supplied.*—The daily average is 16,000 gallons. Supply is constant.

*Quality of Water.*—Excellent.

**M. E. G. Rhys Wingfield, Esq.**—Supplies part of parish of Pentyrch (Llandaff and Dinas Powis R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from limestone at Pentyrch. The average daily quantity of water available is 6,000 gallons.

*Works.*—No filtration. Reservoirs at Pentyrch, (a) 7,000 gallons, (b) 14,000 gallons.

*Quantity of Water supplied.*—The daily average is 4,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 15·4°.

### MERIONETHSHIRE.

**Great Western Railway Company.**—Supplies part of parish of Corwen (Edeirnion R.D.).

*Source of Supply (Nature and Sufficiency).*—Nant frid isel Brook, intake at Carrog. The average daily quantity of water obtained is 3,000 gallons, and a further 200,000 gallons per day could be obtained.

*Works.*—No filtration. No reservoir. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Occasional examination. Analyst remarks (4th June 1912) that chemically the water is of passable quality for drinking purposes. Hardness:—total, 2·1°; permanent, 2·1°. Slight action on lead.

**Llanaber Parish Council.**—Supplies part of parish of Llanaber (Dolgelly R.D.).

*Source of Supply (Nature and Sufficiency).*—Tyn y cornel stream. Yield not known.

*Works.*—No filtration. Reservoir at Bontddu, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Llangar Commemoration Fountain.**—Supplies part of parish of Llangar (Edeirnion R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from slate, at Llangar. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Generally sufficient.

*Quality of Water.*—Satisfactory.

**W. E. Oakeley, Esq.**—Supplies part of parish of Maentwrog (Deudraeth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Silurian formation at Maentwrog. The average daily quantity of water available is 9,861 gallons.

*Works.*—No filtration. Reservoirs:—Two tanks at Maentwrog, 700 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Excellent.

**P. Peacock, Esq.**—Supplies part of parish of Llangelynnin (Dolgelly R.D.).

*Source of Supply (Nature and Sufficiency).*—Upland surface near Fairbourne. Yield not known.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Executors of the late Mrs. M. Roberts.**—Supply part of parish of Talsarnau (Deudraeth R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Talsarnau. Yield not known.

*Works.*—No filtration. Reservoir at Talsarnau, capacity not known.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Pure, and soft.

**Talyllyn Parish Council.**—Supplies part of parish of Talyllyn (Dolgelly R.D.).

*Sources of Supply (Nature and Sufficiency).*—Upland surfaces, Penrhiw, Tynycennant Bue Cottages, Tyncei, and Garneddwen. Yield not known.

*Works.*—Water is filtered. No reservoir.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Satisfactory.



**Major Tottenham.**—Supplies part of parish of Corwen (Edeirnion R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from slate on Tycerrig Farm.  
 Yield not known.  
*Works.*—No filtration. Reservoir at Tycerrig Farm, 430 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Satisfactory.

**J. Williams, Esq.**—Supplies part of parish of Corwen (Edeirnion R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from disused stone quarry, Corwen. The average daily quantity of water obtained is 400 gallons, and a further 1,500 gallons per day could be obtained.  
*Works.*—No filtration. Reservoir, tank at Corwen, 450 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Satisfactory.

### MONMOUTHSHIRE.

**G. E. Bevan, Esq.**—Supplies part of parish of Grosmont (Abergavenny R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from loam and clay, Graig Hill. The average daily quantity of water obtained is 7,000 gallons.  
*Works.*—No filtration. Reservoirs:—Graig Hill, 200 gallons; Grosmont, 1,000 gallons.  
*Quantity of Water supplied.*—The daily average is 7,000 gallons. Supply is constant.  
*Quality of Water.*—Good.

**E. C. Curre, Esq.**—Supplies parts of parishes of Kilgwrrwg and Newchurch East (Chepstow R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from Old Red Sandstone, at Kilgwrrwg. The average daily quantity of water available is 13,000 gallons.  
*Works.*—No filtration. Reservoir at Kilgwrrwg, 10,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Occasional examination. Analyst remarks (10th February 1912) that the water is very pure. Hardness, 6·4°. No action on lead.

**Great Western Railway Company.**—Furnishes supplies in bulk to Chepstow R.D.C. and Magor R.D.C.  
*Source of Supply (Nature and Sufficiency).*—Spring in the Severn Tunnel. The average daily quantity of water available is 22,000,000 gallons.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—The daily average is 51,281 gallons. Supply is constant.  
*Quality of Water.*—Occasional chemical examination. Analyst remarks (10th March 1911) that the water is excellent. Hardness:—total, 26·6°; permanent, 9·8°. No action on lead.

**Llandogo Parish Council.**—Supplies part of parish of Llandogo (Monmouth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring at Llandogo. Yield not known.  
*Works.*—Water is filtered. No reservoir.  
*Quantity of Water supplied.*—Plentiful.  
*Quality of Water.*—Very good.

**Lord Llangattock.**—Supplies part of parish of Llangattock Vibon Avel (Monmouth R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs and wells, at Llangattock Vibon Avel. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.

**Skenfrith Parish Council.**—Supplies part of parish of Skenfrith (Monmouth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from marl, Skenfrith. The average daily quantity of water obtained is 5,760 gallons.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—The daily average is 5,760 gallons. Supply is constant.  
*Quality of Water.*—Good.



**The Commissioners of H.M. Woods, &c.**—Supply part of parish of Raglan (Monmouth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring,  $1\frac{1}{2}$  miles from Raglan. The average daily quantity of water available is 4,300 gallons.  
*Works.*—No filtration. Reservoir at Raglan, 9,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,600 gallons. Supply is constant.  
*Quality of Water.*—Excellent.

### MONTGOMERYSHIRE.

**David Davies, Esq., M.P.**—Supplies parts of parishes of (1) Llandinam and (2) Tregynon (Newtown and Llanidloes R.D.).

*Sources of Supply (Nature and Sufficiency).*—(1) Mountain stream and gathering ground over rock on Llandinam Hills; (2) Gogwia Lake. The average daily quantity of water available from (1) is 10,000 gallons; yield of (2) not known.

*Works.*—Water from (1) is filtered. Reservoirs:—(1) Near Llandinam, (a) 8,000 gallons, (b) 500 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good, but slightly peaty—occasional chemical examination.

**J. Marshall Dugdale, Esq.**—Supplies Llanfyllin B. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs at Llwyn. Yield not known.

*Works.*—No filtration. Reservoir at Llanfyllin, 5,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Very good.

**Kerry Village Supply.**—Supplies part of parish of Kerry (Newtown and Llanidloes R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring from Silurian formation, Penarran Hill, Kerry. The average daily quantity of water available in winter is 2,500 gallons.

*Works.*—No filtration. Reservoir, near Kerry, 3,000 gallons.

*Quantity of Water supplied.*—Inadequate in summer.

*Quality of Water.*—Good, but hard.

**Richard Williams, Esq.**—Supplies part of parish of Bettws (Newtown and Llanidloes R.D.).

*Source of Supply (Nature and Sufficiency).*—Springs from Silurian formation, at Châlet Bettws. Yield not known.

*Works.*—No filtration. Reservoirs, two tanks at Châlet Bettws, (a) 1,500 gallons, (b) 250 gallons.

*Quantity of Water supplied.*—Generally adequate.

*Quality of Water.*—Good, and soft.

### PEMBROKESHIRE.

**Representatives of the late Percy Arden.**—Supply part of parish of Puncteston (Haverfordwest R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring at Puncteston. Yield not known.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Sufficient.

*Quality of Water.*—Satisfactory.

**Trustees of Earl Cawdor.\***—Supply parishes of Bosherton, Castlemartin, St. Petrox, St. Twynnells, Stackpole Elidor, and Warren (Pembroke R.D.).

*Sources of Supply (Nature and Sufficiency).*—Wells and springs. Yield not known.

*Works.*—No filtration. Reservoirs:—Castlemartin (three), St. Petrox (three), St. Twynnells (two), Stackpole Elidor (three), Warren (one); total capacity, 260,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**Mrs. A. E. Colborne.**—Supplies part of parish of Walton West (Haverfordwest R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring on Swanswell Farm. Yield not known.

*Works.*—No filtration. Reservoir at Swanswell, 12,000 gallons.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.



- Great Western Railway Company.**—Supplies Neyland U.D. (part).  
*Source of Supply (Nature and Sufficiency).*—Spring from red sandstone, near Tiers Cross. The average daily quantity of water obtained is 394,986 gallons.  
*Works.*—No filtration. Reservoir at Westfield Mill, 1,053,500 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.
- T. John, Esq.**—Supplies part of parish of St. Florence (Pembroke R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from red sandstone, Causeway Farm, St. Florence. The average daily quantity of water obtained is 3,000 gallons.  
*Works.*—No filtration. Reservoir at Causeway Farm, 4,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.  
*Quality of Water.*—Good.
- B. G. Johns, Esq.**—Supplies part of parish of Steynton (Haverfordwest R.D.).  
*Source of Supply (Nature and Sufficiency).*—Well, 80 feet, at Steynton. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Good.
- C. Mathias, Esq.**—Supplies part of parish of Lamphey (Pembroke R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Lamphey. Yield not known.  
*Works.*—No filtration. Reservoir at Lamphey, 1,500 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.
- Col. R. W. B. Mirehouse.**—Supplies part of parish of Angle (Pembroke R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs from Old Red Sandstone and limestone, North Hill and the Common. Yield not known.  
*Works.*—No filtration. Reservoirs:—Tanks at North Hill and the Common, Angle; capacity not known.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.
- Col. R. V. Lloyd Philipps.**—Supplies part of parish of Dale (Haverfordwest R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Springs at Hayguard Hay. Yield not known.  
*Works.*—No filtration. Reservoir at Hayguard Hay, 27,000 gallons.  
*Quantity of Water supplied.*—Ample.  
*Quality of Water.*—Good.
- F. L. Phillips, Esq.**—Supplies part of parish of Lawrenny (Pembroke R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring from sandstone, Lawrenny Park. The average daily quantity of water obtained is 5,000 gallons, and a further 5,000 gallons per day could be obtained.  
*Works.*—No filtration. Reservoir at Lawrenny, 65,000 gallons.  
*Quantity of Water supplied.*—The daily average is 5,000 gallons. Supply is constant.  
*Quality of Water.*—Good.
- Saundersfoot Water Committee.**—Supplies part of parish of St. Issells (Narberth R.D.).  
*Source of Supply (Nature and Sufficiency).*—Old colliery level, Saundersfoot. Yield not known.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Satisfactory.

## RADNORSHIRE.

- R. H. Baskerville, Esq.**—Supplies part of parish of Clyro (Painscastle R.D.).  
*Source of Supply (Nature and Sufficiency).*—Spring on Penland Farm. Yield not known.  
*Works.*—No filtration. Reservoir at Penland Farm, 3,200 gallons.  
*Quantity of Water supplied.*—Sufficient.  
*Quality of Water.*—Pure.



**Capt. W. De Winton.**—Supplies parts of parishes of (1) Boughrood, (2) Llanbedr Painscastle (Painscastle R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Silurian formation, (1) Boughrood, (2) near Painscastle. Yield not known.

*Works.*—No filtration. Reservoirs:—Painscastle, 4,000 gallons; Boughrood, capacity not known.

*Quantity of Water supplied.*—Ample.

*Quality of Water.*—Good.

**London and North Western Railway Company.**—Supplies part of parish of Llanellwedd (Colwyn R.D.).

*Source of Supply (Nature and Sufficiency).*—Spring near Dyserth. The average daily quantity of water obtained is 17,500 gallons, and a further 8,500 gallons per day could be obtained.

*Works.*—No filtration. Reservoirs:—Dyserth, (a) 560 gallons, (b) 1,000 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—The daily average is 1,000 gallons. Supply is constant.

*Quality of Water.*—Good. Hardness, 11·4°. No action on lead.

**New Radnor Parish Council.**—Supplies part of parish of New Radnor (New Radnor R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from rock, New Radnor. Yield not known.

*Works.*—Water is filtered. Reservoirs, two tanks at New Radnor, capacity not known.

*Quantity of Water supplied.*—Abundant.

*Quality of Water.*—Excellent.

**Capt. J. M. Gibson Watt.**—Supplies Llandrindod Wells U.D. (part).

*Sources of Supply (Nature and Sufficiency).*—Springs from gravel, Cerrigcroes Farm, Llanyre. The average daily quantity of water obtained is 25,000 gallons.

*Works.*—No filtration. Reservoir at Cerrigcroes Farm, Llanyre, 200,000 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (8th May 1912) that chemically the water is excellent.



PART II.—PARTICULARS AS TO THE WATER SUPPLY OF EVERY DISTRICT IN  
ENGLAND AND WALES.

County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses,		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>BEDFORDSHIRE.</b>							
Amphill U.D.	1,904	2,270	588	432	Amphill U.D.C.	Wells	Satisfactory.
Bedford B.	2,223	39,183	8,674	8,674	Bedford T.C.	—	—
Biggleswade U.D.	4,647	5,375	1,257	1,098	Biggleswade Water Board	Wells	Fair and adequate.
Dunstable B.	802	8,057	1,955	1,939	Dunstable Gas & Water Co.	Do.	Satisfactory.
Empston U.D.	1,255	5,349	1,103	1,075	Biggleswade Water Bd. (bulk)	Do.	Liable to pollution, and occasionally insufficient.
Leighton Buzzard U.D.	2,426	6,782	1,656	1,656	Leighton Buzzard U.D.C.	—	—
Luton B.	3,132	49,978	10,962	10,950	Luton Water Co.	Wells	Satisfactory & adequate.
Amphill R.D.:							
Aspley Guise	1,899	1,277	349	349	Woburn Sands Joint Sewerage & Water Committee.	—	—
Aspley Heath	600	572	118	118	—	—	—
Battlesden	1,149	66	14	—	—	—	—
Clophill	2,425	916	250	2	Amphill U.D.C.	—	—
Cranfield	3,998	1,199	317	—	—	—	—
Eversholt	2,146	609	174	—	—	—	—
Flitton	1,061	463	132	—	—	—	—
Flitwick	2,165	1,424	380	—	—	—	—
Gravenhurst	1,695	377	103	—	—	—	—
Harlington	1,904	609	145	—	—	—	—
Haynes	2,607	676	204	—	—	—	—
Higham Gobion	1,298	76	18	—	—	—	—
Holcot	905	49	12	—	—	—	—
Houghton Conquest	3,431	535	139	—	—	—	—
Husborne Crawley	1,610	365	98	—	—	Wells	Good and generally suffi- cient; Flitton and Mar- ston Moretaine fairly good.
Lidlington	2,544	502	155	134	Duke of Bedford (bulk)	—	—
Marston Moretaine	4,290	1,025	254	—	—	—	—
Maulden	2,605	1,101	316	1	Amphill U.D.C.	—	—
Millbrook	1,784	201	51	—	—	—	—
Milton Bryant	1,552	199	58	—	—	—	—
Potsgrove	1,417	108	24	—	—	—	—
Pulloxhill	1,627	419	109	—	—	—	—
Ridgmont	2,308	540	153	—	—	—	—
Salford	871	136	39	—	—	—	—
Shillington	5,003	1,588	437	—	—	—	—
Silsoe	2,158	561	148	—	—	—	—
Steppingley	1,309	254	72	—	—	—	—
Tingrith	1,119	129	36	36	Capt. Trevor Battye	—	—
Toddington	5,535	1,948	543	—	—	Wells	Good and generally suffi- cient.
Westoning	1,627	494	129	—	—	—	—
Woburn	3,446	1,122	286	286	Woburn Sands Jt. S. & Water Comtee., thro' the Duke of Bedford.	—	—
Bedford R.D.:							
Biddenham	1,586	451	116	20	Bedford T.C.	—	—
Bletsoe	2,250	312	75	—	—	—	—
Bolnhurst	2,333	184	48	—	—	—	—
Bromham	1,827	350	80	45	C. T. Wingfield, Esq.	—	—
Cardington	2,523	423	105	97	Biggleswade Water Bd. (bulk)	—	—
Carlton	1,530	314	98	—	—	—	—
Chellington	549	113	30	—	—	—	—
Clapham	1,995	748	187	—	—	—	—
Colmworth	2,323	276	72	—	—	—	—
Cople	2,132	377	95	—	—	—	—
Eastcotts	2,816	848	203	37	Biggleswade W. Bd., through Kempston U.D.C. & S. Whit- bread, Esq.	—	—
Elstow	1,617	499	115	82	Biggleswade Water Bd. (bulk)	Wells, springs, and ponds.	Doubtful.
Felmersham	1,991	345	94	—	—	—	—
Goldington	2,588	967	241	195	Biggleswade Water Bd. (bulk)	—	—
Great Barford	2,868	726	189	—	—	—	—
Harrold	3,242	851	241	—	—	—	—
Kempston Rural	3,770	648	151	—	—	—	—
Keysoe	3,699	504	129	—	—	—	—
Knotting	1,739	120	32	27	S. Whitbread, Esq.	—	—
Melchbourne	2,638	184	41	—	—	—	—
Milton Ernest	1,599	358	92	—	—	—	—
Oakley	1,786	330	79	—	—	—	—
Odell	2,902	252	66	—	—	—	—
Pavenham	1,370	308	90	—	—	—	—
Podington	3,516	461	120	—	—	—	—
Ravensden	2,290	366	95	—	—	—	—
Renhold	2,211	396	123	123	Biggleswade Water Bd. (bulk)	—	—
Riseley	3,103	663	176	—	—	—	—
Boxton	2,941	396	109	—	—	—	—
Sharnbrook	2,418	755	189	—	—	Wells, springs, and ponds.	Doubtful.
Souldrop	1,076	176	48	—	—	—	—
Stagsden	3,419	435	110	—	—	—	—
Stevington	1,821	479	128	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.		
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.	
1.	2.	3.	4.	5.	6.	7.	8.	
<b>Bedfordshire—cont.</b>								
<b>Bedford R.D.—cont.</b>								
Thurleigh - - -	3,418	433	129	—	Capt. T. C. R. Higgins - -	Wells, springs, and ponds.	Doubtful.	
Turvey - - -	4,011	841	210	40				
Wilden - - -	2,265	303	88	—				
Willington - -	1,660	370	90	—				
Willshamstead -	3,131	587	168	—				
Wootton - - -	3,788	1,394	301	—	Higham Ferrers and Rushden Water Board (bulk).	—	—	
Wymington - -	1,760	493	95	95				
Yelden - - -	1,950	177	53	—	—	Wells, springs, and ponds.	Doubtful.	
<b>Biggleswade R.D.:</b>								
Arlesey - - -	2,344	2,046	551	396	Biggleswade Water Bd. (bulk)	Wells - -	Generally not good.	
Astwick - - -	665	59	13	—	—			
Blunham - - -	1,205	603	156	62	Biggleswade Water Bd. (bulk)			
Campton - - -	969	415	115	91				
Chicksands Priory -	1,439	39	10	—	—			
Clifton - - -	1,422	1,223	348	277	Biggleswade Water Bd. (bulk)	—	—	
Cockayne Hatley - -	1,175	110	25	—	—			
Dunton - - -	2,650	413	113	—	—			
Edworth - - -	1,122	86	19	19	Biggleswade Water Bd. (bulk)			
Everton - - -	1,350	195	53	—	—			
Eyworth - - -	1,254	122	31	—	—	Biggleswade Water Bd. (bulk)	—	
Henlow - - -	2,377	914	222	157				
Langford - - -	2,070	1,205	306	294				
Meppershall - -	1,965	610	172	—	—			
Moggerhanger - -	1,815	430	115	85	Biggleswade Water Bd. (bulk)			
Northill - - -	4,140	1,292	316	289				
Old Warden - -	3,364	406	107	48	—	Wells - -	Generally not good.	
Potton - - -	2,676	2,156	505	—	—			
Sandy - - -	4,276	3,377	783	629	—			
Shefford - - -	144	842	226	194	Biggleswade Water Bd. (bulk)			
Shefford Hardwick	360	79	23	8				
Southill - - -	5,734	989	292	230	Biggleswade Water Bd. (bulk)	—	—	
Stotfold - - -	2,398	3,128	477	297				
Sutton - - -	2,234	217	61	—				
Tempsford - - -	2,352	431	127	103	Biggleswade Water Bd. (bulk)	—	—	
Upper Standon - -	428	51	15	—	—			
Wrestlingworth -	1,700	495	145	—	—			
<b>Eaton Bray R.D.:</b>								
Billington - - -	1,209	247	65	—	St. Neots U.D.C. (bulk) - -	Wells - -	Good and adequate.	
Chalgrave - - -	2,430	573	148	—				
Eaton Bray - - -	2,417	979	279	—				
Egginton - - -	1,372	236	59	—				
Heath and Reach -	2,390	1,028	265	—				
Hockliffe - - -	1,028	255	66	—				
Stanbridge - - -	1,514	368	85	—				
Tilsworth - - -	1,246	206	52	—				
<b>Eaton Socon R.D.:</b>								
Dean - - -	2,472	342	101	—	—	Wells, ponds, and brooks.	Fair and sufficient.	
Eaton Socon - - -	7,602	2,319	581	65	St. Neots U.D.C. (bulk) - -	Do. - -	Good and sufficient.	
Little Barford - -	1,200	151	32	—	—	Do. - -	Do.	
Little Staughton -	1,746	262	86	—	—	Do. - -	Fair and sufficient.	
Pertenhall - - -	1,615	237	64	—	—	Do. - -	Fair.	
Shelton - - -	946	93	29	—	—	Do. - -	Fair, but inadequate.	
Swineshead - - -	1,354	138	54	—	—	Do. - -	Fair.	
<b>Luton R.D.:</b>								
Barton in the Clay	2,319	746	201	—	Dunstable Gas & Water Co. -	Wells - -	Fair.	
Caddington - - -	3,703	1,508	355	—		Do. - -	Good.	
Houghton Regis - -	4,042	1,369	399	*		Do. - -	Fair.	
Hyde - - -	4,426	649	142	—		Do. - -	Good.	
Kensworth - - -	2,553	528	163	—		Wells and rain- water.	Fair.	
Leagrave - - -	1,127	1,270	300	201		Wells - -	Fair.	
Limbury - - -	2,454	972	225	185		Luton Water Co. - -	Do. - -	Not very good, but fair sufficient.
Stopsley - - -	4,296	943	199	178			Do. - -	Good.
Stratley - - -	2,500	248	67	—	Luton Water Co. - -	Do. - -	Do.	
Studham - - -	3,026	320	88	—		Do. - -	Do.	
Sundon - - -	2,150	358	85	—		Do. - -	Do.	
Totternhoe - - -	2,321	450	121	—		Do. - -	Do.	
Whipsnade - - -	928	113	38	—		Do. - -	Do.	
<b>BERKSHIRE.</b>								
Abingdon B. - -	728	6,809	1,561	1,557	Abingdon T.C. - - -	Wells - -	Good.	
Maidenhead B. -	2,125	15,219	3,377	3,257	Maidenhead Waterworks Co. -			
Newbury B. - -	1,828	12,107	2,227	2,918	Newbury Dist. Water Co., Ltd.			
New Windsor B. -	2,717	12,681	2,502	2,441	New Windsor T.C. - - -	Wells - -	Good.	
Reading C.B. - -	9,106	87,693	18,905	18,879	Reading T.C. - - -	Do. - -	Good and ample.	
Wallingford B. -	380	2,716	618	618	Wallingford T.C. - - -	Wells & springs -	Good.	
Wantage U.D. - -	2,478	3,628	755	446	Wantage Water Co., Ltd. - -			
Wokingham B. - -	557	4,352	1,022	979	Wokingham District Water Co., Ltd.	Wells - -	Satisfactory & adequate	

\* Houghton Regis.—Connections with the piped service are now being made.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Berkshire—cont.</b>							
<b>Abingdon R.D.:</b>							
Abingdon, St. Helen	2,744	326	71	16	Abingdon T.C.		
Without.							
Appleford	862	233	62	—	—		
Appleton - with	2,077	493	122	—	—		
Baton.							
Besselsleigh	906	68	21	—	—		
Cumnor	5,962	1,103	205	—	—		
Draycott Moor	1,054	190	48	—	—		
Drayton	1,851	513	143	—	—		
Frilford	1,238	132	29	—	—		
Fyfield	1,604	251	66	50	St. John's College, Oxford		
Garford	1,057	127	35	—	—		
Kingston Bagpuize	1,109	188	53	—	—		
Lyford	773	109	46	—	—	Wells	Good and adequate.
Marcham	2,424	692	169	—	—		
Milton	1,466	363	105	93	Abingdon R.D.C.		
North Hinksey	797	225	45	30	Rt. Hon. Lewis Harcourt, M.P.		
Radley	3,706	927	148	—	—		
South Hinksey	779	226	40	—	—		
Steventon	2,401	811	206	180	Abingdon R.D.C.		
Sunningwell	1,331	425	104	60	E. Norton Disney, Esq.*		
Sutton Courtenay	2,154	790	214	100	Capt. H. E. A. Lindsay and Trustees of the late Mrs. Mary Goodson.		
Sutton Wick	1,247	218	57	8	Abingdon T.C.		
Tubney	1,152	155	43	—	—		
Wootton	1,524	463	110	60	Mrs. A. Ruffer & R. Furner, Esq.		
Wytham	1,992	222	50	44	Earl of Abingdon		
<b>Bradfield R.D.:</b>							
Aldermaston	3,742	559	124	—	—		
Ashampstead	2,082	351	86	5	Bradfield Water Works		
Basildon	3,139	596	127	—	—		
Beech Hill	949	208	55	—	—		
Beenhams	1,817	528	120	—	—		
Bradfield	4,360	1,606	272	87	Bradfield Water Works		
Bucklebury	6,131	1,136	279	—	—		
Burghfield	4,309	1,343	310	—	—		
Englefield	1,437	299	67	—	—		
Frilsham	978	219	57	12	Bradfield Water Works		
Grazeley	519	31	6	—	—		
Padworth	1,188	263	62	—	—		
Pangbourne	1,940	1,677	355	84	Tilehurst, Pangbourne and District Water Co., Ltd.		
Purley	1,166	238	41	27	—		
Stanford Dingley	964	139	31	—	—		
Stratfield Mortimer.	3,031	1,423	353	14	Bradfield R.D.C.	Wells	Satisfactory.
Streatley	3,655	732	179	160	South Oxfordshire Water and Gas Co.		
Sulham	711	116	30	—	—		
Sulhamstead	1,417	264	60	—	—		
Abbots.							
Sulhamstead Ban-	576	125	28	—	—		
nister Lower End.							
Sulhamstead Ban-	555	138	31	—	—		
nister Upper End.							
Theale	1,619	1,032	232	8	—		
Tidmarsh	785	158	38	2	Tilehurst, &c. Water Co. Ltd.		
Tilehurst	1,548	480	109	67	—		
Ufton Nervet	2,189	267	59	—	—		
Wokefield	666	128	33	—	—		
Yattendon	1,400	293	64	29	Bradfield Waterworks		
<b>Cookham R.D.:</b>							
Bisham	2,478	761	190	61	Maidenhead Waterworks Co. Great Marlow Water Co., Ltd.		
Bray	7,820	3,400	860	591	—		
Cookham	5,666	4,915	1,360	1,213	—	Wells	Variable, but generally sufficient.
Hurley	4,159	1,290	300	100	—		
Shottesbrooke	1,395	181	40	20	Maidenhead Waterworks Co.		
Waltham St. Lawrence.	3,640	937	240	91	—		
White Waltham	2,643	818	200	128	—		
<b>Easthampstead R.D.</b>							
Binfield	3,489	1,912	473	402	Wokingham D. Water Co., Ltd. (Frimley & Farnboro' D. W. Co.)		
Crowthorne	2,050	3,936	611	506	Broadmoor Asylum Estate		
Easthampstead	5,295	1,959	397	340	Wokingham D. Water Co., Ltd. (Frimley & Farnboro' D. W. Co.)		
Sandhurst	2,506	3,265	626	351	Royal Military College, Cam- berley.	Wells and springs.	Doubtful, but fairly ade- quate.
Warfield	3,435	2,283	557	375	Wokingham D. Water Co., Ltd. Maidenhead Waterworks Co.		
Winkfield	10,278	4,193	926	636	South West Suburban Water Co.		
<b>Faringdon R.D.:</b>							
Ashbury	5,609	660	141	—	—		
Balking	1,580	190	43	—	—		
Bourton	1,260	296	70	50	Faringdon R.D.C.	Wells	Good.
Buckland	4,505	682	129	3	Sir Maurice FitzGerald, Bart.		

\* Sunningwell.—This undertaking will shortly be transferred to Abingdon R.D.C.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Berkshire—cont.</b>							
<b>Faringdon R.D.— cont.</b>							
Buscot - - -	2,887	429	114	80	Sir A. Henderson, Bart.	Wells - - -	Good.
Charney Bassett - -	1,209	164	53	—	—		
Coleshill - - -	2,014	312	80	—	—		
Compton Beau- champ.	1,812	125	31	—	—		
Eaton Hastings - -	1,570	149	32	—	—		
Fernham - - -	1,016	215	56	—	—		
Great Coxwell - -	1,435	284	76	—	—		
Great Faringdon - -	5,897	3,079	711	220	Faringdon R.D.C. - - -		
Hatford - - -	993	106	28	—	—		
Hinton Waldrist - -	2,016	272	59	—	—		
Kingston Lisle - -	2,040	263	64	19	Faringdon R.D.C. - - -		
Lechlade (Glos.) - -	3,870	1,167	279	200			
Little Coxwell - -	887	225	68	—	—		
Longcot - - -	1,894	334	77	—	—		
Longworth - - -	2,291	507	123	—	—		
Pusey - - -	1,040	113	25	—	—		
Shellingford - - -	1,761	237	43	33	Major Henderson - - -		
Shrivenham - - -	2,695	602	166	—	—		
Stanford in the Vale	2,927	859	220	—	—		
Uffington - - -	2,929	523	133	124	Faringdon R.D.C. - - -		
Watchfield - - -	1,517	291	79	—	—		
Woolstone - - -	1,942	158	46	—	—		
<b>Hungerford R.D.:</b>							
Avington - - -	1,185	113	22	—	—	Wells - - -	Satisfactory.
Combe - - -	2,212	64	16	—	—		
East Garston - - -	4,409	408	95	—	—		
East Shefford - - -	1,069	80	20	—	—	Wells and springs Wells - - -	Generally satisfactory. Satisfactory.
Hungerford - - -	6,729	3,040	671	293	Hungerford Waterwks.Co.,Ltd.		
Inkpen - - -	2,886	693	159	—	—		
Kintbury - - -	7,778	1,737	406	—	—		
Lambourn - - -	14,873	2,336	544	—	—		
West Shefford - - -	2,243	398	102	—	—		
West Woodhay - - -	1,432	138	33	—	—		
<b>Newbury R.D.:</b>							
Boxford - - -	2,819	516	125	—	—	Wells and springs.	Satisfactory and sufficien
Brimpton - - -	1,705	430	100	—	—		
Chieveley - - -	5,328	1,066	282	14	W. A. Mount, Esq. - - -		
Cold Ash - - -	1,929	986	230	—	—		
Enborne - - -	2,501	483	118	3	Newbury District Water Co., Ltd.		
Greenham - - -	2,348	642	160	9			
Hampstead Mar- shall.	1,852	239	65	—	—		
Leckhampstead - -	1,777	261	74	—	—		
Midgham - - -	1,436	308	62	1	Woolhampton P.C. - - -		
Sandleford - - -	520	37	7	—	—		
Shaw cum Don- nington.	1,996	626	180	90	Newbury Dist. Water Co., Ltd.	Wells - - -	Good.
Speen - - -	3,491	1,255	319	126	Sir R. V. Sutton, Bart. - -		
Thatcham - - -	5,937	2,416	590	7	Newbury Dist. Water Co., Ltd.		
Wasing - - -	690	54	14	—	Newbury Dist. Water Co., Ltd.		
Welford - - -	5,228	722	195	—	—		
Winterbourne - - -	2,112	227	67	—	—	Wells and springs.	Satisfactory and sufficien
Woolhampton - - -	719	489	106	16	Woolhampton P.C. - - -		
<b>Wallingford R.D.:</b>							
Aston Tirrold - - -	1,753	320	50	—	—	Wells - - -	Generally good.
Aston Upthorpe - -	1,322	120	28	—	—		
Brightwell - - -	2,064	724	120	24	Wallingford U.D.C. - - -		
Cholsey - - -	4,438	2,248	362	—	—		
Clapcot - - -	876	126	29	6	G. D. Faber, Esq. - - -		
Didcot - - -	1,120	707	329	274	G.W. Railway Co. (bulk) - -		
East Hagbourne - -	1,758	1,287	334	—	—		
Little Wittenham - -	888	129	22	22	Trustees of the late Gen. A. Cherry Garrard, Esq.		
Long Wittenham - -	2,275	472	84	—	—		
Moulsoford - - -	1,441	186	40	11	A. W. Mayo-Robson, Esq. - -	Wells - - -	Generally good.
North Moreton - - -	1,102	256	50	—	—		
Sotwell - - -	708	225	41	—	—		
South Moreton - - -	1,350	302	50	—	—		
West Hagbourne - -	1,057	143	50	—	—		
<b>Wantage R.D.:</b>							
Aldworth - - -	1,806	234	53	—	—	Wells - - -	Good and plentiful.
Ardington - - -	2,693	471	120	—	—		
Beeton - - -	2,012	238	58	—	—		
Blewbury - - -	4,246	564	138	—	—		
Brightwalton - - -	2,054	310	75	—	—		
Catmore - - -	710	78	18	—	—		
Chaddelworth - - -	3,400	349	101	—	—		
Charlton - - -	1,884	346	76	4	Wantage Water Co., Ltd. - -		
Childrey - - -	2,929	500	122	—	—		
Chilton - - -	1,448	224	54	—	—		
Compton - - -	3,863	665	158	—	—		
Denchworth - - -	1,041	182	43	—	—		
East Challow - - -	1,657	490	129	34	Wantage R.D.C. - - -		



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<b>Berkshire—cont.</b>							
<b>Wantage R.D.</b>							
—cont.							
East Hanney -	2,200	378	115	—	—	Wells -	Good and plentiful.
East Hendred -	3,198	728	187	—	—		
East Ilsley -	3,017	445	120	—	—		
East Lockinge -	2,083	264	64	—	—		
Farnborough -	1,886	152	33	—	—		
Fawley -	2,190	176	39	—	—	Wants Water Co., Ltd.	—
Goosey -	968	128	31	—	—		
Grove -	1,791	590	145	145	—		
Hamstead Norris -	6,046	1,217	291	—	—		
Harwell -	2,521	663	162	—	—		
Letcombe Bassett -	1,631	174	53	—	—	Wells -	Good and plentiful.
Letcombe Regis -	2,155	439	109	—	—	Do. -	Unsatisfactory, but plentiful.
Peasemore -	2,049	237	58	—	—	Lady Wantage -	Good and plentiful.
Sparsholt -	3,329	335	85	—	—		
Upton -	1,413	209	54	—	—		
West Challow -	1,070	209	43	28	—		
West Hanney -	1,334	323	78	—	—		
West Hendred -	2,002	338	75	—	—	Do. -	Good and plentiful.
West Ilsley -	3,037	313	69	—	—		
West Lockinge -	837	56	19	—	—		
<b>Windsor R.D.:</b>							
Clewer Without -	1,900	6,356	1,495	1,391	New Windsor T.C. -	Wells -	Generally satisfactory and sufficient.
Old Windsor -	4,321	2,142	414	408	Commissioners of H.M. Woods, &c. -	Wells -	
Sunningdale -	1,211	1,537	349	349	S.W. Suburban Water Co. -	Wells -	
Sunninghill -	3,135	5,335	1,216	1,206	Do. do. -	Wells -	Generally satisfactory and sufficient.
<b>Wokingham R.D.:</b>							
Arboretfield -	1,469	234	64	—	—	Reading T.C. -	Fair and adequate.
Barkham -	1,388	261	59	—	—		
Earley -	1,917	456	110	53	—		
Finchampstead -	3,943	866	201	—	—		
Hurst, St. Nicholas -	2,988	1,069	262	—	—		
Newland -	1,227	298	70	—	—	Henley on Thames Water Co. -	Fair and adequate.
Remenham -	1,573	498	120	19	—		
Ruscombe -	1,294	332	72	—	—		
Shinfield -	4,313	2,372	561	262	Reading T.C. (bulk) -	Wells -	
Sonning Town -	1,247	418	102	100	Wokingham R.D.C. -	Wells -	
Swallowfield -	3,745	1,533	382	40	Reading T.C. (bulk) -	Wells -	Fair and adequate.
Twyford -	694	1,157	301	245	Wokingham R.D.C. -	Wells -	
Wargrave -	4,461	2,112	527	510	—	Wells -	
Winnersh -	2,045	679	160	—	—	Wells -	
Wokingham With- out.	7,931	3,333	744	328	Wokingham District Water Co., Ltd. -	Wells -	
Woodley and Sandford.	3,609	1,034	247	—	—	Wells -	Fair and adequate.
<b>BUCKINGHAMSHIRE.</b>							
Aylesbury U.D. -	3,288	11,048	2,515	2,495	Chiltern Hills Spring Water Co. -	Wells -	Generally good.
Beaconsfield U.D. -	4,504	2,511	573	553	Amersham, Beaconsfield and District Waterwks. Co., Ltd. -	Do. -	Good.
Bletchley U.D. -	3,714	5,166	1,209	1,164	Bletchley U.D.C. -	Do. -	Satisfactory.
Buckingham B. -	5,006	3,282	789	748	Buckingham T.C. -	Wells -	Good and adequate.
Chepping	1,620	20,387	4,550	3,736	Chepping Wycombe T.C. -	(a) Wells, (b) rain-water.	(a) Good, (b) variable.
Wycombe B.	—	—	—	—	—	(a) Wells & springs, (b) rain-water.	(a) Satisfactory, (b) fair.
Chesham U.D. -	1,386	8,204	1,875	1,858	Chesham U.D.C. -	Wells -	Satisfactory.
Eton U.D. -	299	3,192	493	492	New Windsor T.C. -	Well -	Good.
Linslade U.D. -	1,693	2,262	550	542	Linslade U.D.C. -	Wells -	Fair, but liable to pollution in some cases; adequate.
Marlow U.D. -	968	4,683	1,115	1,065	Great Marlow Water Co., Ltd. -	Do. -	(a) Generally good; (b) good and adequate.
Newport Pagnell U.D. -	3,432	4,238	1,030	991	Newport Pagnell U.D.C. -	(a) Wells, (b) rivers & streams (filtered).	(a) Doubtful, (b) fair and abundant.
Slough U.D. -	1,684	14,982	3,294	2,304	Slough U.D.C. -	(a) Wells, (b) Chalvey Brook.	—
<b>Amersham R.D.:</b>							
Amersham -	6,119	3,392	799	470	Amersham, &c., Waterwks. Co. -	Wells, springs, ponds and rain-water.	Satisfactory, but frequently inadequate.
Ashley Green -	3,291	587	124	5	Great Berkhamstead W'wks. Co. -		
Chalfont St. Giles -	3,726	1,762	414	187	Amersham, &c., Waterwks. Co. -		
Chalfont St. Peter -	4,362	2,802	656	440	Rickmansworth and Ux- bridge Valley Water Co. -		
Chartridge -	4,992	712	186	29	—		
Chenies -	1,779	361	90	—	—	Amersham, &c., Waterwks. Co. -	Satisfactory, but frequently inadequate.
Chesham Bois -	910	1,253	335	177	—		
Coleshill -	1,850	570	138	48	Rickmansworth, &c., Water Co. -		
Great Missenden -	5,315	2,555	654	298	—	—	—



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<b>Buckinghamshire</b> <i>—cont.</i>									
<b>Amersham R.D.</b> <i>—cont.</i>									
Latimer - - -	3,080	609	144	—	{ Rickmansworth and Ux- bridge Valley Water Co. Amersham, Beaconsfield, and Dist. Waterwks. Co., Ltd.	Wells, springs, ponds, and rain-water.	Satisfactory, but f requently inadequate.		
Lee - - -	2,201	775	190	16					
Little Missenden -	3,214	1,293	349	80					
Penn - - -	3,992	1,472	338	40					
Seer Green - - -	889	371	93	—	—	{ Wells and springs.	Satisfactory		
<b>Aylesbury R.D.</b>									
Ashendon - - -	2,128	227	53	—	—				
Aston Abbots - - -	2,198	312	70	—	—				
Aston Clinton - - -	3,809	1,178	308	264	Chiltern Hills Spring Water Co.				
Aston Sandford - - -	679	41	12	—	—				
Bierton - with Broughton. - - -	2,477	633	159	—	—				
Buckland - - -	1,609	689	180	13	Chiltern Hills S. Water Co. -				
Chearsley - - -	943	276	68	—	—				
Cholesbury - - -	178	107	28	—	—				
Creslow - - -	887	8	1	—	—				
Cublington - - -	1,223	178	55	—	—				
Cuddington - - -	1,308	479	114	—	—				
Dinton - - -	3,897	616	160	—	—				
Drayton Beau- champ. - - -	1,319	147	42	7	Chiltern Hills S. Water Co. -				
Fleet Marston - - -	934	50	11	—	—				
Grendon Under- wood. - - -	2,565	303	91	—	—				
Haddenham - - -	3,274	1,409	363	—	—				
Halton - - -	1,456	195	41	35	Chiltern Hills S. Water Co. -				
Hardwick - - -	1,213	167	49	—	—				
Hartwell - - -	918	139	30	13	Chiltern Hills S. Water Co. -				
Hawridge - - -	696	239	60	—	—				
Hulcott - - -	741	113	24	—	—				
Kingswood - - -	261	22	7	—	—				
Lower Winchendon	1,554	208	53	—	—				
Ludgershall - - -	2,732	301	85	—	—				
Oving - - -	990	318	84	—	—				
Pitcheott - - -	925	32	7	—	—				
Quainton - - -	5,346	895	220	220	Aylesbury R.D.C. - - -				
Quarrendon - - -	1,948	73	17	—	—				
Stoke Mandeville -	1,499	309	80	80	Chiltern Hills S. Water Co. (bulk)				
Stone - - -	2,642	1,610	230	51	{ Chiltern Hills Spring Water Co.				
Upper Winchendon	1,202	172	32	26	{ Do. Do.				
Waddesdon - - -	5,003	1,569	323	323	{ Do. Do.				
Weedon - - -	1,796	332	97	10	{ Do. Do.				
Westcott - - -	1,411	253	70	3	{ Do. Do.				
Weston Turville - -	2,323	737	145	16	—				
Whitechurch - - -	1,717	625	152	—	—				
Wingrave - - -	2,884	774	188	—	—				
Woodham - - -	838	64	14	—	—				
Wotton Underwood	2,600	223	53	—	—				
<b>Buckingham R.D.:</b>									
Addington - - -	1,303	149	28	—	—	Wells - - -	Satisfactory.		
Adstock - - -	1,166	286	81	—	—				
Akeley - - -	1,325	297	85	30	Buckingham R.D.C. - - -				
Barton Hartshorn -	892	83	23	13	Do. - - -				
Beachampton - - -	1,528	193	39	—	—	Spring - - -	Do.		
Biddlesden - - -	3,201	114	36	—	—				
Charndon - - -	1,911	240	54	52	Buckingham R.D.C. - - -				
Chetwode - - -	1,171	142	33	—	—				
Edgcott - - -	1,140	127	32	32	R. H. B. Marsham, Esq. -	Spring and wells	Good.		
Foscott - - -	719	54	17	—	—				
Hillesden - - -	2,606	205	34	—	—				
Leckhamstead - - -	2,571	243	54	—	—				
Lillingstone Dayrell	1,873	248	48	—	—	Do. - - -	Fair.		
Lillingstone Lovell	1,667	131	30	22	Major J. B. Delap - - -				
Luffield Abbey - -	216	7	2	—	—				
Malds' Moreton - -	1,366	371	113	—	—				
Marsh Gibbon - - -	2,818	587	152	41	Ewelme Almshouses Trustees	Wells - - -	Fair.		
Middle Claydon - -	2,640	257	54	—	—				
Padbury - - -	2,029	442	133	110	Buckingham R.D.C. - - -				
Poundon - - -	980	95	17	17	J. P. Heywood-Lonsdale, Esq.				
Preston Bissett - -	1,523	285	77	12	Buckingham R.D.C. - - -	Wells - - -	Fair.		
Ratclive - - -	1,186	294	83	—	—				
Shalstone - - -	1,383	166	40	—	—				
Steeple Claydon - -	3,329	840	211	121	Buckingham R.D.C. - - -				
Stowe - - -	3,088	251	52	—	—	Wells and spring	Excellent.		
Thornborough - - -	2,392	443	142	—	—				
Thornton - - -	1,347	86	17	—	—				
Tingewick - - -	2,178	663	197	—	—				
Turweston - - -	1,295	243	61	—	—	Wells - - -	Fair, but inadequate.		
Twyford - - -	1,567	358	89	85	—				
Water Stratford - -	1,102	135	28	22	{ Buckingham R.D.C. - - -				
Westbury - - -	1,381	287	72	72	{ Sir S. E. Scott, Bart., M.P. -				
<b>Eton R.D.:</b>									
Boveny - - -	483	583	146	—	—	Wells - - -	Good and ample.		
Burnham - - -	6,810	3,715	876	594	Burnham Dorney and Hitcham Waterworks Co., Ltd.				



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<b>Buckinghamshire</b> <i>—cont.</i>							
<b>Eton R.D.—cont.</b>							
Datchet - - -	1,386	2,056	465	356	Slough U.D.C. - - -	Wells - - -	Good and ample.
Denham - - -	3,939	1,290	303	57	Rickmansworth and Ux- bridge Valley Water Co.		
Dorney - - -	1,133	262	64	—	—		
Eton Wick - -	628	522	122	93	New Windsor T.C. - - -		
Farnham Royal -	1,664	1,632	365	258	Burnham, &c., Waterwks. Co.		
Fulmer - - -	1,370	255	61	15	Slough U.D.C. - - -		
Gerrard's Cross -	2,116	1,612	354	317	Rickmansworth, &c. Water Co.		
Hedgerley - - -	1,097	135	32	—	Amersham, Beaconsfield and Dist. Waterworks Co., Ltd.		
Hedgerley Dean -	551	200	53	—	—		
Hitcham - - -	1,484	646	161	58	Burnham, &c., Waterworks Co.		
Horton - - -	1,367	871	206	111	Slough U.D.C. - - -		
Iver - - -	5,531	2,767	609	396	Rickmansworth, &c., Water Co.		
Langley Marish -	3,750	3,120	676	436	Do. do. - - -		
Stoke Poges - -	3,194	1,433	341	117	Slough U.D.C. - - -		
Taplow - - -	1,762	1,127	251	183	Burnham, &c., Waterworks Co.		
Wexham - - -	1,061	253	55	8	Lord Desborough - - -		
Wyndisbury - -	1,679	956	222	61	Slough U.D.C. - - -		
<b>Hambleden R.D.:</b>							
Fawley - - -	2,213	218	65	—	—	Wells and rain-water.	Good and plentiful.
Hambleden - -	6,598	1,367	353	—	—		
Medmenham - -	2,442	390	109	—	—		
<b>Long Crendon R.D.:</b>							
Boarstall - - -	3,078	160	36	—	—	Wells - - -	Generally good and adequate.
Brill - - -	2,939	1,121	272	—	—	Wells and springs	
Chilton - - -	2,069	280	64	—	—	Wells - - -	
Dorton - - -	1,477	139	31	—	—	Springs - - -	
Ickford - - -	1,025	279	74	—	—	Wells - - -	
Long Crendon -	3,348	1,082	261	—	—	Wells and springs	
Oakley - - -	2,806	411	99	—	—	Wells - - -	
Shabbington - -	1,630	245	63	—	—	Do. - - -	
Towersey - - -	1,380	265	72	—	—	Do. - - -	
Worminghall -	1,510	253	71	—	—	Do. - - -	
<b>Newport Pagnell R.D.:</b>							
Astwood - - -	1,281	140	40	—	—	Ponds and wells	Impure, but adequate.
Bow Brickhill -	1,848	432	111	100	Newport Pagnell R.D.C.	Wells - - -	Not good and inadequate.
Bradwell - - -	917	3,938	989	689	L. & N.W. Railway Co.	Do. - - -	Not good and generally insufficient.
Bradwell Abbey -	447	34	5	—	—	Do. - - -	Good and adequate.
Broughton - - -	937	127	27	—	—	Do. - - -	Do.
Castle Thorpe -	1,372	514	128	—	—	Wells and springs	Good and adequate.
Chicheley - - -	2,070	230	46	—	—	Wells - - -	Impure, but adequate.
Clifton Keynes -	1,454	135	32	—	—	Do. - - -	Impure and inadequate.
Cold Brayfield -	744	95	20	—	—	Do. - - -	Impure, but adequate.
Emberton - - -	1,887	458	124	—	—	Do. - - -	Do. do.
Gayhurst - - -	1,351	108	34	—	—	Do. - - -	Do. do.
Great Brickhill -	2,383	430	125	120	Bletchley U.D.C. - - -	Do. - - -	Not good, but adequate.
Great Linford -	1,836	577	126	120	W. Uthwatt, Esq. - - -	Do. - - -	Do. do.
Great Woolstone -	514	33	14	—	—	Do. - - -	Not good, but adequate.
Hanslope - - -	5,801	1,398	338	298	Newport Pagnell R.D.C.	Do. - - -	Good and adequate.
Hardmead - - -	1,211	63	17	—	—	Do. - - -	Not good, but adequate.
Haversham - - -	1,634	185	53	—	—	Wells and springs	Good and adequate.
Lathbury - - -	1,056	128	30	30	Newport Pagnell U.D.C.	—	—
Lavendon - - -	2,353	687	173	—	—	Wells - - -	Impure, but adequate.
Little Brickhill -	1,367	241	62	60	Bletchley U.D.C. - - -	Do. - - -	Not good, but adequate.
Little Linford -	727	64	23	23	J. M. Knapp, Esq. - - -	—	—
Little Woolstone -	631	56	18	—	—	Wells - - -	Not good, but adequate.
Loughton - - -	1,536	359	88	—	—	Do. - - -	Do. do.
Milton Keynes -	1,909	208	63	—	—	Do. - - -	Good, but inadequate.
Moulsoe - - -	1,654	202	40	—	—	Do. - - -	Not good and generally insufficient.
Newton Blossom- ville. - - -	1,014	153	40	—	—	Do. - - -	Impure, but adequate.
Newton Longville -	1,735	435	114	50	Newport Pagnell R.D.C.	Do. - - -	Not good, but adequate.
North Crawley -	3,366	546	141	—	—	Wells - - -	Impure, but adequate.
Olney - - -	2,153	2,871	754	—	—		
Olney Park Farm -	206	20	5	—	—		
Petsoe Manor - -	411	3	2	—	—	Springs - - -	Not good, but adequate.
Ravenstone - - -	2,075	193	70	—	—		
Shenley Church End. - - -	1,662	217	53	—	—	Wells - - -	Do. do.
Sherington - - -	1,805	496	140	—	—	Do. - - -	Impure, but adequate.
Stantonbury - -	806	37	8	—	—	Do. - - -	Good, but inadequate.
Stoke Goldington -	2,352	529	160	90	Stoke Goldington Water Comm.	Do. - - -	Good and adequate.
Tyringham with Filgrave. - - -	1,792	198	55	—	—	Wells and springs	Do. do.
Walton - - -	772	105	26	24	Bletchley U.D.C. - - -	Wells - - -	Not good, but adequate.
Warrington - - -	1,008	54	18	—	—	Wells and springs	Good and adequate.
Water Eaton - -	1,016	160	38	—	—	Wells - - -	Not good and inadequate.
Wavendon - - -	1,832	514	165	—	—	Do. - - -	Do. do.
Weston Underwood	1,873	275	80	71	Lieut.-Col. W. G. Bowyer	Do. - - -	Good and adequate.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service,	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Buckinghamshire</b>							
<i>—cont.</i>							
<b>Newport Pagnell R.D.—cont.</b>							
Willen - - -	678	81	21	18	Trustees of Dr. Busby's Charity	Wells - -	Not good, but adequate
Woburn Sands -	360	1,086	356	356	Woburn Sands Joint Sewerage and Water Committee.	—	—
Woughton on the Green.	1,224	209	49	40	Bletchley U.D.C. - - -	Wells - -	Not good, but adequate
<b>Stratford and Wolverton R.D.:</b>							
Calverton - -	1,981	1,075	210	135	Stratford & Wolverton R.D.C.	Wells - -	Good and sufficient.
Stony Stratford, East.	69	756	226	226	Do. do.	—	—
Stony Stratford, West.	84	1,212	323	323	Do. do.	—	—
Wolverton - -	2,325	7,384	1,853	1,811	(L. & N.W. Railway Co. ) Stratford & Wolverton R.D.C.	Wells - -	Good and sufficient.
<b>Wing R.D.:</b>							
Cheddington - -	1,126	547	150	130	Cheddington Waterworks Trustees.	—	—
Edlesborough -	3,781	916	250	—	—	—	—
Grove - - -	437	30	5	—	—	—	—
Ivinghoe - - -	4,787	827	209	—	—	—	—
Marsworth - -	1,212	384	100	—	—	—	—
Mentmore - - -	1,575	299	74	—	—	Wells - -	Good and adequate.
Pitstone - - -	1,644	435	97	—	—	—	—
Slapton - - -	1,413	211	42	—	—	—	—
Soulbury - - -	4,226	474	135	—	—	—	—
Stoke Hammond -	1,566	271	58	—	—	—	—
Wing - - -	5,703	1,695	480	206	Wing R.D.C. - - -	—	—
<b>Winslow R.D.:</b>							
Drayton Parslow -	1,750	333	95	—	—	—	—
Dunton - - -	1,197	89	14	—	—	—	—
East Claydon - -	2,396	334	81	—	—	—	—
Grandborough - -	1,580	276	67	—	—	—	—
Great Horwood -	3,271	584	163	—	—	Wells - -	Good and adequate.
Hoggeston - - -	1,571	138	34	—	—	—	—
Hogshaw - - -	1,322	57	12	—	—	—	—
Little Horwood -	1,948	293	66	36	Winslow R.D.C. - - -	—	—
Mursley - - -	2,975	383	95	—	—	—	—
Nash - - -	1,247	264	62	—	—	—	—
North Marston -	1,983	465	109	109	Winslow R.D.C.	—	—
Shenley Brook End	1,659	167	40	—	—	—	—
Stewkley - - -	3,982	1,130	280	—	—	—	—
Swanbourne - -	2,552	427	93	—	—	Wells - -	Good and adequate.
Tattenhoe - - -	647	43	9	—	—	—	—
Whaddon - - -	2,525	314	81	—	—	—	—
Winslow - - -	1,920	1,698	379	—	—	—	—
<b>Wycombe R.D.:</b>							
Bledlow - - -	4,169	954	221	—	—	Wells & rain-water	Good and sufficient.
Bradenham - - -	1,101	142	37	—	—	Wells - -	Good.
Chepping Wycombe Rural.	4,855	2,424	602	108	(Great Marlow Water Co., Ltd. Chepping Wycombe T.C. Amersham, &c. Waterworks Co.)	Wells and rain- water.	Good and sufficient.
Ellesborough - -	3,595	519	146	—	—	Wells - -	Good.
Fingest - - -	1,285	334	84	—	—	—	—
Great and Little Hampden.	2,414	424	108	—	—	Wells and rain- water.	Good and sufficient.
Great and Little Kimble.	3,415	478	141	—	—	—	—
Great Marlow - -	5,732	1,193	299	48	Great Marlow Water Co., Ltd.	Wells & rain- water.	Good and sufficient.
Hedsor - - -	542	171	39	—	—	Wells - -	Good.
Horsenden - - -	535	18	7	—	—	Wells and rain- water.	Good and sufficient.
Hughenden - - -	5,828	2,134	539	39	(Rickmansworth and Ux- bridge Valley Water Co. Chepping Wycombe T.C.)	Wells and rain- water.	Good and sufficient.
Ibstone - - -	1,121	222	67	—	—	Rain-water - -	Good and sufficient.
Ilmer - - -	698	58	15	—	—	Wells - -	Good.
Little Marlow - -	3,328	1,001	267	116	Great Marlow Water Co., Ltd.	Wells and rain- water.	Good and sufficient.
Monks Risborough	2,873	650	195	—	—	Do. do.	Good and sufficient.
Princes Risborough	4,697	2,322	658	—	—	Do. do.	Do. do.
Radnage - - -	1,369	316	96	—	—	Do. do.	Good and sufficient.
Saunderton - - -	1,725	443	52	—	—	Wells - -	Good.
Stokenchurch - -	5,920	1,592	416	—	—	—	—
Turville - - -	2,328	328	98	—	—	—	—
Wendover - - -	4,594	1,856	504	192	Chiltern Hills Spring Water Co.	Wells & rain- water.	Good and sufficient.
West Wycombe - -	6,453	2,931	699	21	Chepping Wycombe T.C.	—	—
Wooburn - - -	3,139	1,047	989	557	Great Marlow Water Co., Ltd.	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>CAMBRIDGE-SHIRE.</b>							
Cambridge B.	5,457	55,812	13,150	13,120	Cambridge University and Town Waterworks Co.	Wells	Satisfactory and adequate.
<b>Caxton &amp; Arrington R.D. :</b>							
Arrington	1,407	215	54	—	—	Wells	Good and sufficient.
Bourn	4,175	665	184	161	East Hunts Water Co.	Do.	Do. do.
Caldecote	948	160	44	—	—	Do.	Do. do.
Caxton	2,242	433	93	—	—	Pond	Very indifferent and insufficient.
Croxton	1,909	244	59	—	—	Wells	Indifferent, but sufficient.
Croydon cum Clapton.	2,734	321	70	—	—	Do.	Fairly good and sufficient.
East Hatley	1,189	78	19	—	—	Do.	Satisfactory and ample.
Elsworth	3,839	566	139	—	—	Do.	Very indifferent.
Eltisley	1,970	326	90	—	—	Do.	Good, but distant from some houses.
Gamlingay	4,460	1,797	444	—	—	Do.	Very good and ample.
Graveley	1,582	178	55	—	—	Do.	Indifferent, but ample.
Great Eversden	1,400	201	56	—	—	Do.	Good.
Hardwick	1,438	113	38	—	—	Weir	Very indifferent, but ample.
Hatley St. George	1,011	76	18	—	—	Wells	Fair and adequate.
Kingston	1,907	190	48	—	—	Do.	Very good and ample.
Knapwell	1,236	129	33	33	East Hunts Water Co.	—	—
Little Eversden	790	186	52	—	—	Wells	Good and ample.
Little Gransden	1,920	219	60	—	—	Do.	Do. do.
Long Stowe	1,544	258	64	50	East Hunts Water Co.	Do.	Very good and ample.
Orwell	2,083	507	141	—	—	Do.	Very good and sufficient.
Papworth Everard	1,157	165	47	—	—	Pond	Indifferent & inadequate.
Papworth St. Agnes	1,298	123	33	—	—	Do.	Do. do.
Tallow	1,743	159	38	—	—	Wells	Very good and ample.
Toft	1,285	228	55	—	—	—	—
Wimpole	2,468	238	63	—	—	—	—
<b>Chesterton R.D. :</b>							
Barton	1,834	276	70	—	—	—	—
Cherry Hinton	1,671	1,008	215	162	Cambridge, &c. Waterwks. Co.	—	—
Childerley	1,069	26	6	—	—	—	—
Comberton	1,954	438	97	—	—	—	—
Coton	970	316	62	—	—	—	—
Cottenham	7,224	2,416	630	500	New Cottenham Gas and Water Co., Ltd.	Wells	Good.
Dry Drayton	2,421	434	80	—	—	—	—
Fen Ditton	1,915	759	200	58	—	—	—
Fulbourn	5,263	1,901	324	250	—	—	—
Girton	1,681	534	107	2	Cambridge &c., Waterwks. Co.	—	—
Grantchester	1,391	510	129	74	—	—	—
Great Shelford	2,258	1,466	370	230	—	—	—
Great Wilbraham	2,921	467	116	—	—	—	—
Harlton	1,261	216	57	—	—	Wells & springs	Good.
Harston	1,741	671	163	—	—	Wells	Do.
Haslingfield	2,373	533	147	—	—	Wells & springs	Do.
Hauxton	601	244	52	—	—	—	—
Histon	2,162	1,385	300	280	Cambridge, &c. Waterwks. Co.	—	—
Horningsea	1,647	361	94	—	—	—	—
Impington	1,668	742	170	105	Cambridge, &c. Waterwks. Co.	—	—
Landbeach	2,225	389	99	—	—	—	—
Little Shelford	1,196	465	113	—	—	—	—
Little Wilbraham	1,990	341	82	—	—	—	—
Long Stanton, All Saints.	1,938	331	82	70	Chesterton R.D.C.	—	—
Long Stanton, Saint Michael.	841	81	20	—	—	—	—
Madingley	1,768	201	52	40	Col. Harding	Wells	Good.
Milton	3,038	740	113	—	—	—	—
Newton	994	276	48	—	—	—	—
Oakington	1,692	447	103	—	—	—	—
Rampton	1,372	209	56	50	New Cottenham G. & W. Co.	—	—
Stapleford	1,835	501	108	—	—	—	—
Stow cum Quay	1,879	327	80	—	—	—	—
Teversham	1,221	242	57	—	—	—	—
Trumpington	1,815	742	188	175	Cambridge, &c. Waterwks. Co.	—	—
Waterbeach	5,750	1,430	324	—	—	—	—
Westwick	333	62	14	—	—	—	—
Willingham	4,659	1,695	407	300	Willingham Water & General Supply Co., Ltd.	—	—
<b>Linton R.D. :</b>							
Babraham	2,387	291	65	—	—	Wells	Unsatisfactory.
Balsam	4,550	804	195	—	—	Do.	—
Bartlow	377	90	24	—	—	Do.	—
Carlton cum Willingham.	2,415	279	62	—	—	Wells, spring, & ponds.	Fairly satisfactory.
Castle Camps	3,184	670	170	—	—	Do. do.	Satisfactory in parts.
Duxford	3,239	764	180	—	—	Wells	—
Great Abington	1,588	255	65	—	—	Do.	—
Hildersham	1,511	201	46	—	—	Do.	—
Hinxton	1,564	325	80	—	—	Do.	Fairly satisfactory.
Horseheath	1,922	411	93	—	—	Spring and pond (filtered).	—



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Cambridgeshire</b> <i>—cont.</i>							
<b>Linton R.D.—cont.</b>							
Ickleton -	2,700	637	150	—	—	Wells -	Fairly satisfactory.
Linton -	3,817	1,501	375	—	—	Do. -	Satisfactory.
Little Abington -	1,309	247	60	—	—	Do. -	Fairly satisfactory.
Pampisford -	1,607	243	69	—	—	Do. -	Satisfactory.
Sawston -	1,898	1,578	405	—	—	Do. -	Do.
Shudy Camps -	2,362	287	70	—	—	Well & ponds -	Not very satisfactory.
Weston Colville -	3,235	458	105	—	—	Wells, spring, ponds, & rain- water.	Fairly satisfactory.
West Wickham -	2,931	336	86	—	—	Well, spring, & ponds.	Fairly satisfactory in parts
West Wrating -	3,543	470	115	—	—	Well and ponds -	Do. do.
Whittlesford -	1,976	720	185	—	—	Wells -	Fairly satisfactory.
<b>Melbourn R.D.:</b>							
Abington Pigotts -	1,237	143	41	—	—	Wells -	Good and adequate.
Barrington -	2,282	487	129	—	—	Do. -	Do. do.
Bassingbourn -	3,204	1,105	318	11	Royston Water Co., Ltd.	Do. -	Fairly good & adequate.
Fowlmere -	2,272	478	139	—	—	Do. -	Fair and ample.
Foxton -	1,752	481	131	—	—	Do. -	Good and adequate.
Great Chishall -	2,542	361	100	—	—	Wells and pond (filtered).	Wells good; pond in- different.
Guilford Morden -	2,599	682	185	—	—	Wells -	Fairly good.
Heydon -	1,425	166	54	—	—	Spring -	Good.
Kneesworth -	879	96	26	—	—	Wells -	Good and adequate.
Littleton -	2,172	458	132	—	—	Do. -	Fairly good & adequate.
Little Chishall -	1,216	119	32	—	—	Do. -	Good.
Melbourn -	4,480	1,422	401	—	—	Do. -	Fair and adequate.
Meldreth -	2,513	596	178	—	—	Wells & springs -	Good and fairly adequate.
Shepreth -	1,318	426	116	—	—	Wells & stream -	Good and adequate.
Shingay -	768	45	13	—	—	Wells -	Good and abundant.
Steeple Morden -	3,846	704	192	—	—	Do. -	Fairly good.
Thriplow -	2,501	426	98	—	—	Do. -	Moderate and sufficient.
Wendy -	1,023	93	28	—	—	Do. -	Good and abundant.
Whaddon -	1,515	250	67	—	—	Do. -	Do. do.
<b>Newmarket R.D.:</b>							
Ashley cum Sil- verley.	2,225	561	130	—	—	Do. -	Fairly adequate.
Bottisham -	2,854	704	160	—	—	Do. -	Fairly satisfactory.
Brinkley -	1,303	246	55	—	—	Do. -	Do. do.
Burrough Green -	2,272	444	90	—	—	Wells & springs -	Do. do.
Burwell -	7,446	2,144	540	—	—	Wells -	Do. do.
Cheveley -	2,559	724	160	4	Newmarket Waterwks. Co., Ltd.	Wells & springs -	Not satisfactory.
Chippenham -	4,301	513	120	—	—	Wells -	Not very satisfactory.
Dullingham -	3,387	765	170	—	—	Wells, springs & ponds.	Fairly satisfactory.
Fordham -	4,204	1,410	350	—	—	Wells and stream (occasional).	Not satisfactory.
Isleham -	5,230	1,643	390	—	—	Wells and River Lark.	Liable to pollution, but adequate.
Kennett -	1,431	182	40	—	—	Wells -	Fairly satisfactory.
Kirtling -	3,126	627	145	—	—	Wells -	Fairly satisfactory.
Landwade -	127	22	4	—	—	River and wells -	Not very satisfactory.
Lode -	3,133	679	150	—	—	Wells & springs -	Satisfactory.
Snailwell -	2,034	207	43	—	—	Wells -	Generally unsatisfactory, but fairly adequate.
Soham -	12,999	4,682	1,100	—	—	Do. -	Satisfactory.
Stetchworth -	2,891	776	175	127	Newmarket R.D.C.	Do. -	Do.
Swaffham Bulbeck -	4,110	714	160	—	—	Do. -	Fairly satisfactory.
Swaffham Prior -	5,587	934	240	—	—	Do. -	Do. do.
Westley Waterless -	1,149	208	46	—	—	Do. -	Do. do.
Wicken -	3,965	682	180	—	—	Do. -	Do. do.
Woodditton -	4,768	997	220	26	Newmarket Waterwks. Co., Ltd.	Do. -	Not satisfactory.
<b>Swavesey R.D.:</b>							
Boxworth -	2,602	233	62	—	—	Do. -	Fair.
Conington -	1,522	127	26	13	East Hunts. Water Co. -	Do. -	Do.
Fen Drayton -	1,492	237	79	—	—	Wells and ponds -	Do.
Lolworth -	1,110	184	47	—	—	Wells -	Do.
Over -	3,737	899	248	—	—	Do. -	Do.
Swavesey -	3,982	904	268	125	East Hunts. Water Co. (bulk)	Do. -	Impure and inadequate.
<b>CHESHIRE.</b>							
Alderley Edge U.D.	678	3,143	699	693	Stockport T.C. -	Wells -	Satisfactory.
Alsager U.D. -	2,241	2,743	634	600	Alsager U.D.C. and Stafford- shire Potteries Waterworks Co. (bulk).	Wells & springs -	Satisfactory and suffi- cient.
Altrincham U.D. -	662	17,813	3,877	3,877	Manchester T.C., through North Cheshire Water Co.	—	—
Ashton upon Mer- sey U.D.	1,623	7,294	1,634	1,609	Do. do.	Wells & spring -	Satisfactory and plentiful



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Cheshire—cont.</b>							
Birkenhead C.B. -	3,848	130,794	24,343	24,343	Birkenhead T.C., and Wirral Waterworks Co.	—	—
Bollington U.D. -	1,291	5,224	1,200	1,143	Bollington U.D.C. - - -	Wells - - -	Satisfactory.
Bowdon U.D. -	850	3,044	641	634	Manchester T.C., through North Cheshire Water Co.	Do. - - -	Good.
Bredbury and Romiley U.D.	3,990	8,683	2,103	2,001	Stockport T.C. (bulk); The Calico Printers' Association, Ltd.	Wells, springs, ponds, & rain-water.	Satisfactory and sufficient.
Bromborough U.D.	1,678	1,974	393	393	West Cheshire Water Co. -	—	—
Buglawton U.D. -	2,911	1,438	337	297	Buglawton U.D.C. - - -	Wells, springs, & rain-water.	Satisfactory, but scarcely adequate.
Cheadle and Gatley U.D.	5,087	9,913	2,152	2,140	Stockport T.C. - - -	Wells - - -	Satisfactory.
Chester C.B. -	2,862	39,028	8,386	8,386	Chester Waterworks Co. -	—	—
Compstall U.D. -	903	908	223	161	Calico Printers' Association, Ltd.	Wells - - -	Satisfactory & adequate.
Congleton B. -	2,572	11,309	2,662	2,586	Congleton T.C. - - -	Wells & springs -	Good.
Crewe B. -	2,184	44,960	9,831	9,831	L. & N.W. Railway Co. (bulk)	—	—
Dukinfield B. -	1,407	19,422	4,571	4,571	Ashton under Lyne, Stalybridge, and Dukinfield (District) Waterworks Joint Committee.	—	—
EllesmerePort and Whitby U.D.	3,451	10,366	1,757	1,750	West Cheshire Water Co. -	Wells - - -	Doubtful, but sufficient.
Hale U.D. -	1,288	8,351	1,896	1,888	Manchester T.C., through North Cheshire Water Co.	Do. - - -	Satisfactory and adequate.
Handforth U.D. -	1,311	934	211	199	Stockport T.C. - - -	Do. - - -	Good.
Hazel Grove and Bramhall U.D.	5,447	9,631	2,252	2,217	Do. - - -	Wells & springs -	Fairly good.
Higher Bebington U.D.	699	1,689	352	352	West Cheshire Water Co. -	—	—
Hollingworth U.D.	2,086	2,580	628	550	Manchester T.C. (bulk) -	Wells, springs, and brook.	Generally good.
Hoole U.D. -	534	5,929	1,214	1,214	Chester Waterworks Co. -	—	—
Hoyle and West Kirby U.D.	2,066	14,029	2,801	2,798	Hoyle and West Kirby Gas and Water Co., Ltd.	Wells - - -	Fairly good.
Hyde B. -	3,079	33,437	7,990	7,932	Manchester T.C. (bulk) -	Do. - - -	Good.
Knutsford U.D. -	1,760	5,760	1,099	1,092	Knutsford Light & Water Co. -	Do. - - -	Satisfactory & adequate.
Lower Bebington U.D.	1,051	11,401	2,259	2,259	West Cheshire Water Co. -	—	—
Lymm U.D. -	4,374	4,989	1,098	998	Lymm U.D.C. - - -	Wells - - -	Potable and adequate.
Macclesfield B. -	3,214	34,797	8,360	8,224	Macclesfield T.C. & Col. W. B. Brocklehurst.	(a) Wells, (b) springs, (c) rivers, & streams, (d) ponds, and (e) rain-water.	(a) Mostly shallow. (b) good, (c) liable to pollution, (d) poor; sufficient.
Marple U.D. -	3,055	6,483	1,572	1,511	Stockport T.C. (bulk) -	Wells & springs -	Satisfactory.
Middlewich U.D. -	1,082	4,909	1,057	1,046	Middlewich U.D.C. - - -	Wells - - -	Generally satisfactory.
Mottram in Longdendale U.D.	1,084	3,049	750	705	Manchester T.C. (bulk) and Col. W. Sidebottom.	Wells & springs -	Generally good.
Nantwich U.D. -	703	7,815	1,683	1,674	Nantwich U.D.C. - - -	Wells - - -	Satisfactory.
Neston and Parkgate U.D.	3,267	4,596	913	909	Neston and Parkgate U.D.C. and W. Cheshire Water Co.	Wells & springs -	Satisfactory & adequate.
Northwich U.D. -	1,398	18,151	3,794	3,794	Northwich U.D.C. - - -	—	—
Runcorn U.D. -	1,275	17,353	3,693	3,693	Runcorn U.D.C. & Liverpool T.C. (bulk).	—	—
Sale U.D. -	2,006	15,044	3,526	3,516	Manchester T.C., through N. Cheshire Water Co.	Wells - - -	Satisfactory.
Sandbach U.D. -	2,694	5,723	1,280	1,210	Sandbach U.D.C. - - -	Wells & springs -	Satisfactory & abundant.
Stalybridge B. -	3,132	26,513	6,373	6,373	Ashton under Lyne, Stalybridge, &c., Jt. Comtee.	—	—
*Stockport C.B. -	7,059	119,862	29,566	29,548	Stockport T.C. & Manchester T.C. (bulk).	Wells & springs -	Generally good and sufficient.
Tarporley U.D. -	6,195	2,604	596	339	Liverpool T.C. (bulk) - -	Do. - - -	Fairly satisfactory and adequate.
Wallasey C.B. -	3,349	78,504	16,324	16,324	Wallasey T.C. & Liverpool T.C. (bulk).	—	—
Wilmslow U.D. -	5,090	8,153	1,936	1,659	Stockport T.C. - - -	Wells - - -	Fair and adequate.
Winsford U.D. -	5,779	10,770	2,352	2,348	Winsford U.D.C. - - -	Wells & springs -	Good, but hard.
Yeardsley cum Whaley U.D.	1,323	1,659	388	350	Yeardsley cum Whaley U.D.C.	Springs - - -	Satisfactory & abundant.
<b>Bucklow R.D. :</b>							
Agden - - -	607	102	18	2	Lymm U.D.C. - - -	Wells - - -	Satisfactory and generally adequate.
Ashley - - -	2,263	418	75	40	Manchester T.C., through North Cheshire Water Co.		
Aston by Budworth Baguley - - -	2,957	406	80	128	Manchester T.C., through North Cheshire Water Co.		
Bexton - - -	635	101	16	6	Knutsford Light & Water Co.		
Bollington - -	647	193	44	—	—	Wells - - -	Satisfactory and generally adequate.
Carrington - -	2,340	522	116	15	Manchester T.C. - - -		
Dunham Massey -	3,713	2,928	640	383	Manchester T.C., through North Cheshire Water Co.		
High Legh - -	4,522	778	149	—	—		

\* Stockport C.B.—As extended from 9th November 1913.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Cheshire—cont.</b>							
<b>Bucklow R.D.—</b>							
<i>cont.</i>							
Marshall cum War-	1,799	524	40	16	Stockport T.C.	-	
ford.							
Mere -	2,519	467	87	23	W. P. Langford Brooke, Esq.	-	
Millington -	747	233	59	-	-	-	
Mobberley -	5,206	1,406	324	-	-	-	
Northenden -	1,439	3,097	805	748	Manchester T.C., through North Cheshire Water Co.	-	
Northern Etchells -	2,322	823	191	35	Stockport T.C.	-	
Ollerton -	1,224	259	62	-	-	-	
Partington -	808	758	149	86	Manchester T.C.	-	
Peover Inferior -	300	148	26	-	-	-	
Peover Superior -	2,974	573	126	-	-	-	
Pickmere -	1,061	235	47	3	Northwich R.D.C.	-	
Plumley -	1,695	359	80	-	-	-	
Ringway -	2,436	452	93	6	Manchester T.C., through North Cheshire Water Co.	-	
Rostherne -	1,524	382	92	47	Lord Egerton of Tatton	-	
Styal -	1,523	1,309	181	140	Stockport T.C.	-	
Tabley Inferior -	1,206	148	26	-	-	-	
Tabley Superior -	2,671	478	81	9	Knutsford Light & Water Co.	-	
Tatton -	1,890	119	25	9	Lord Egerton of Tatton	-	
Timperley -	1,638	4,090	1,019	986	Manchester T.C., through North Cheshire Water Co.	-	
Toft -	1,312	187	35	1	Knutsford Light & Water Co.	-	
Warburton -	1,872	403	93	-	-	-	
<b>Chester R.D. :</b>							
Bache -	96	402	4	4	Chester Waterworks Co.	-	
Backford -	765	155	20	20	Do.	-	
Blacon cum Crab-	1,175	267	57	40	Do.	-	
wall.							
Bridge Trafford -	273	53	20	-	-	-	
Capenhurst -	1,204	146	35	27	West Cheshire Water Co.	-	
Caulhall -	348	23	4	4	Chester Waterworks Co.	-	
Chester Castle -	10	224	2	2	West Cheshire Water Co.	-	
Chorlton by Back-	544	70	19	4	West Cheshire Water Co.	-	
ford.							
Christleton -	1,502	937	181	86	Chester Waterworks Co.	-	
Claverton -	264	Nil.	Nil.	-	-	-	
Croughton -	281	36	7	-	-	-	
Dodleston -	1,673	303	68	62	Wrexham and East Denbigh- shire Water Co.	-	
Dunham on the Hill	1,404	284	62	-	-	-	
Eaton -	999	204	40	40	Wrexham & E.D. Water Co.	-	
Eccleston -	1,392	321	71	71	Do.	-	
Elton -	1,143	208	42	-	-	-	
Great Boughton -	723	1,336	345	345	Chester Waterworks Co.	-	
Great Saughall -	1,082	819	174	174	West Cheshire Water Co.	-	
Hapsford -	562	107	19	-	-	-	
Hoole Village -	415	251	48	37	Chester Waterworks Co.	-	
Ince -	1,780	271	64	-	-	-	
Lea by Backford -	697	104	21	3	Chester Waterworks Co.	-	
Little Saughall -	576	148	30	18	West Cheshire Water Co.	-	
Little Stanney -	831	163	34	7	Do.	-	
Littleton -	274	276	60	60	Chester Waterworks Co.	-	
Lower Kinnerton -	537	120	28	28	Wrexham & E.D. Water Co.	-	
Marlston - cum	998	113	28	3	Do.	-	
Lache.							
Mickle Trafford -	1,163	274	60	-	-	-	
Mollington -	1,082	246	54	31	Chester Waterworks Co.	-	
Moston -	303	53	11	1	Do.	-	
Newton by Chester	441	1,852	445	445	Do.	-	
Picton -	860	90	21	-	-	-	
Poulton -	1,405	155	33	33	Wrexham & E.D. Water Co.	-	
Pulford -	1,183	254	66	66	Do.	-	
Shotwick -	566	77	18	4	West Cheshire Water Co.	-	
Shotwick Park -	987	29	2	2	Do.	-	
Stoke -	653	74	40	40	Do.	-	
Thornton le Moors-	1,232	178	29	-	-	-	
Upton by Chester -	1,154	1,559	120	120	Chester Waterworks Co.	-	
Wervin -	743	94	22	-	-	-	
Wimbolds Trafford	724	86	20	-	-	-	
Woodbank -	222	85	16	9	West Cheshire Water Co.	-	
<b>Congleton R.D. :</b>							
Arcold -	552	397	37	5	Sandbach U.D.C. (bulk)	-	
Betchton -	2,665	714	171	92	Do.	-	
Blackden -	749	119	26	-	-	-	
Bradwall -	2,117	1,245	270	244	Sandbach U.D.C. (bulk)	-	
Brereton - cum	4,599	529	107	-	-	-	
Smethwick.							
Church Hulme -	905	926	224	70	Middlewich U.D.C. (bulk)	-	
Church Lawton -	1,504	849	192	129	Staffordshire Potteries Water- works Co. (bulk).	-	
Cotton -	375	24	5	-	-	-	
Crangan -	1,975	410	84	-	-	-	
Davenport -	770	87	18	-	-	-	
Elton -	1,084	374	86	65	Sandbach U.D.C. (bulk).	-	
Goostree cum Barn	1,795	495	94	-	-	-	
shaw.							



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Cheshire—cont.</b>							
<b>Congleton R.D.—</b>							
<i>cont.</i>							
Hassall - - -	1,045	301	73	21	Sandbach U.D.C. (bulk)-	Wells & springs	Variable.
Hulme Walfield - -	1,058	84	18	—	—		
Kermincham - - -	1,232	152	28	—	—		
Leese - - -	547	113	26	—	—		
Moreton cum Al- cumlow. - - -	1,095	132	25	—	—		
Moston - - -	714	145	36	—	—		
Newbold Astbury -	2,907	527	124	—	—		
Odd Rode - - -	3,750	3,326	736	291	Congleton R.D.C. - -		
Smallwood - - -	2,186	548	129	—	—		
Somerford - - -	1,520	119	21	—	—		
Summerford Booths	1,305	172	36	—	—	Middlewich U.D.C. -	Satisfactory and generally adequate.
Swettenham - - -	1,010	181	38	—	—		
Tetton - - -	1,050	150	33	4	Middlewich U.D.C. -		
Twemlow - - -	953	120	25	—	—		
Wheelock - - -	690	672	162	137	Sandbach U.D.C. (bulk)	Wells & springs	Satisfactory and generally adequate.
<b>Disley R.D.:</b>							
Disley - - -	2,466	2,958	816	585	Stockport T.C. - -	Wells & springs	Satisfactory and generally adequate.
<b>Macclesfield R.D.:</b>							
Adlington - - -	3,899	683	144	—	—	Wells & springs	Generally satisfactory; some indifferent.
Birtles - - -	599	55	9	—	—		
Bosley - - -	3,197	388	82	42	Earl of Harrington -		
Butley - - -	1,810	461	127	65	Macclesfield T.C. (bulk)		
Capesthorpe - - -	744	83	26	—	—	Wells	Generally satisfactory; some indifferent.
Chelford - - -	1,182	384	72	—	—		
Chorley - - -	850	439	105	43	Stockport T.C. - -	Wells & springs	Generally satisfactory; some indifferent.
Eaton near Congle- ton. - - -	1,229	333	104	29	Buglawton U.D.C. - -		
Fallibroome - - -	242	39	9	—	—	Wells & springs	Generally satisfactory; some indifferent.
Gawsworth - - -	5,704	567	112	—	—		
Great Warford - -	1,313	622	97	32	Stockport T.C. - -	Wells & springs	Generally satisfactory; some indifferent.
Henbury cum Pex- all. - - -	1,934	360	90	1	Macclesfield T.C. - -		
Hurdsfield - - -	626	447	120	80	Col. W. B. Brocklehurst	Wells & springs	Generally satisfactory; some indifferent.
Kettleshulme - - -	1,233	358	100	—	—		
Lower Withington -	2,393	533	122	—	—	Wells & springs	Generally satisfactory; some indifferent.
Lyme Handley - - -	3,747	241	58	—	—		
Macclesfield Forest	3,499	181	37	—	—	Wells & springs	Generally satisfactory; some indifferent.
Marton - - -	2,194	282	53	—	—		
Mottram St. And- rew. - - -	1,792	386	93	—	—	Wells & springs	Generally satisfactory; some indifferent.
Nether Alderley - -	2,773	614	114	3	Stockport T.C. - -		
Newton - - -	267	44	9	—	—	Wells & springs	Generally satisfactory; some indifferent.
North Rode - - -	1,566	274	49	—	—		
Old Withington - -	1,115	148	27	—	—	Wells & springs	Generally satisfactory; some indifferent.
Over Alderley - - -	2,204	366	82	—	—		
Pott Shrigley - - -	1,706	326	80	—	—	Wells & springs	Generally satisfactory; some indifferent.
Poynton - with -	2,967	2,793	661	556	( Lord Vernon - - -		
Worth. - - -					( Stockport T.C. - - -	Wells & springs	Generally satisfactory; some indifferent.
Prestbury - - -	746	314	81	62	Macclesfield T.C. (bulk)		
Rainow - - -	5,744	1,175	288	53	A. E. Allen, Esq. - -	Wells & springs	Generally satisfactory; some indifferent.
Siddington - - -	2,159	383	73	—	—		
Snelson - - -	427	201	46	—	—	Wells & springs	Generally satisfactory; some indifferent.
Sutton - - -	5,095	1,257	327	104	W. Whiston, Esq. - -		
Taxal - - -	3,799	568	143	130	Macclesfield R.D.C. -	Wells & springs	Generally satisfactory; some indifferent.
Tytherington - - -	938	336	73	23	Macclesfield T.C. (bulk)		
Upton - - -	480	217	46	42	—	Wells & springs	Generally satisfactory; some indifferent.
Wildboareclough -	5,066	182	45	—	—		
Windle - - -	2,792	248	54	—	—	Wells & springs	Generally satisfactory; some indifferent.
Woodford - - -	1,464	338	79	19	Stockport T.C. - -		
<b>Malpas R.D.:</b>							
Agden - - -	547	73	18	—	—	Wells & springs	Generally good and ample.
Bickley - - -	2,473	394	78	56	Liverpool T.C. through Nant- wich R.D.C. - - -		
Bradley - - -	890	117	26	—	—	Wells & springs	Generally good and ample.
Chidlow - - -	157	16	2	—	—		
Chorlton - - -	468	90	22	—	—	Wells & springs	Generally good and ample.
Cuddington - - -	1,354	271	58	—	—		
Duckington - - -	671	62	11	—	—	Wells & springs	Generally good and ample.
Edge - - -	1,601	251	50	—	—		
Hampton - - -	1,243	346	81	—	—	Wells & springs	Generally good and ample.
Larkton - - -	403	46	6	—	—		
Macefen - - -	340	73	12	—	—	Wells & springs	Generally good and ample.
Malpas - - -	1,988	1,166	281	230	Liverpool T.C. (bulk) -		
Marbury - with -	2,166	317	66	—	—	Wells & springs	Generally good and ample.
Quoisley. - - -					—		
Newton by Malpas -	226	15	4	—	—	Wells & springs	Generally good and ample.
Norbury - - -	1,553	322	74	—	—		
Oldcastle - - -	845	88	18	—	—	Wells & springs	Generally good and ample.
Overton - - -	736	112	21	—	—		
Stockton - - -	271	24	4	—	—	Wells & springs	Generally good and ample.
Thrapwood - - -	249	275	79	—	—		
Tushingham with Grindley. - - -	1,351	252	54	—	—	Wells & springs	Generally good and ample.
					—		



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<b>Cheshire—cont.</b>							
<b>Malpas R.D.—cont.</b>							
Wigland - - -	569	154	32	—	—	Springs & wells	{ Generally good and ample.
Wirswall - - -	973	162	31	—	—	{ Wells - - -	
Wychough - - -	332	17	2	—	—		
<b>Nantwich R.D.:</b>							
Acton - - -	771	226	56	48	{ Liverpool T.C. (bulk) - L. & N.W. Railway Co. (bulk)	Wells, springs & rain-water.	{ Fair and adequate.
Alpraham - - -	1,624	407	92	90			
Aston juxta Mondrum. - - -	1,257	200	42	42		—	—
Audlem - - -	2,348	1,480	375	—	—	{ Wells, springs and rain-water.	Fair, inadequate at times
Austerson - - -	950	54	6	—	—		Do.
Baddiley - - -	1,777	237	53	9	Liverpool T.C. (bulk) - - -		Fair and adequate.
Baddington - - -	1,446	142	30	—	—		Do.
Barthomley - - -	1,961	295	70	—	—	Good and adequate.	
Basford - - -	671	70	12	—	—	Fair and adequate.	
Batherton - - -	428	28	12	11	L. & N.W. Railway Co. (bulk)	Do.	
Bickerton - - -	1,694	326	71	—	—	Good and adequate.	
Blakenhall - - -	1,644	227	40	—	—	Fair and adequate.	
Bridgemere - - -	1,130	163	35	—	—	Do.	
Brindley - - -	1,250	154	31	13	Liverpool T.C. (bulk) - - -	Do.	
Broomhall - - -	1,332	131	22	—	—	Do.	
Buerton - - -	2,981	459	95	—	—	Good and adequate.	
Bulkeley - - -	975	152	33	31	{ Liverpool T.C. (bulk) - - -		
Bunbury - - -	1,160	943	231	230			
Burland - - -	1,610	636	153	94			
Calveley - - -	1,545	316	60	59			
Checkley - cum - Wrinehill. - - -	1,429	240	50	—	—	Do. do.	Fair and adequate.
Cholmondeley - - -	2,657	287	62	48	{ Liverpool T.C. (bulk) - - - L. & N.W. Railway Co. (bulk)		
Cholmondeston - - -	1,749	170	36	33			
Chorley - - -	1,400	140	28	26			
Chorlton - - -	839	92	15	14			
Church Coppenhall - - -	794	731	180	180	Do. do.	—	—
Church Minshall - - -	2,346	314	70	60	{ Liverpool T.C. (bulk) - L. & N.W. Railway Co. (bulk)	Wells, springs & rain-water.	{ Fair and adequate.
Coolo Pilate - - -	715	62	12	—	—	Do. do.	Doubtful and inadequate
Crewe - - -	2,033	365	71	40	L. & N.W. Railway Co. (bulk)		
Dodcote cum Wilkesley. - - -	5,758	626	124	—	—	Wells, springs & rain-water.	Fair and adequate.
Doddington - - -	597	61	16	—	—		
Edleston - - -	640	73	16	14	{ Liverpool T.C. (bulk) - - - Do. - - -		
Egerton - - -	942	106	24	7			
Faddiley - - -	1,217	232	50	18			
Hankelow - - -	712	224	51	—			
Haslington - - -	3,789	2,359	565	539	L. & N.W. Railway Co. (bulk)		
Hatherton - - -	1,666	280	75	—	—		
Haughton - - -	1,087	218	43	42	{ Liverpool T.C. (bulk) - - - L. & N.W. Railway Co. (bulk)	Do. do.	Fair and adequate.
Henhall - - -	509	120	26	15			
Hough - - -	987	327	70	62			
Hunston - - -	1,570	180	44	—			
Hurleston - - -	1,375	123	24	24	Liverpool T.C. (bulk) - - -	—	—
Lea - - -	427	51	10	—	—	Wells, springs & rain-water.	Fair and adequate.
Leighton - - -	1,266	136	32	32	L. & N.W. Railway Co. (bulk)	—	—
Minshall Vernon - - -	2,736	288	60	59	Do.	{ Wells, springs & rain-water.	Fair and adequate.
Newhall - - -	4,156	764	170	—	—	Do. do.	Good and adequate.
Peckforton - - -	1,754	183	47	—	—		
Poole - - -	762	131	33	31	L. & N.W. Railway Co. (bulk)		
Ridley - - -	1,458	137	19	11	Liverpool T.C. (bulk) - - -		
Rope - - -	613	74	13	12		Do. do.	Fair and adequate.
Shavington cum Gresty. - - -	1,090	1,270	294	291	{ L. & N.W. Railway Co. (bulk)		
Sound - - -	1,089	246	53	—	—		
Spurstow - - -	1,832	373	79	79	Liverpool T.C. (bulk) - - -		
Stapeley - - -	1,250	652	161	130	L. & N.W. Railway Co. (bulk)	Wells, springs & rain-water.	Fair and adequate.
Stoke - - -	662	211	48	48	Liverpool T.C. (bulk) - - -	—	—
Walgherton - - -	883	151	35	—	—		
Wardle - - -	1,062	154	37	36	Liverpool T.C. (bulk) - - -		
Warrington - - -	2,121	247	47	42	{ L. & N.W. Railway Co. (bulk) Liverpool T.C. (bulk) - - - L. & N.W. Railway Co. (bulk)	Wells, springs & rain-water.	Fair and adequate.
Weston - - -	1,943	530	119	86			
Wettenhall - - -	1,976	219	39	35			
Willaston - - -	1,010	2,715	634	617			
Wistaston - - -	1,431	697	162	154	{ L. & N.W. Railway Co. (bulk)		
Woodcote - - -	162	26	5	—	—		
Woolstanwood - - -	612	131	27	27	L. & N.W. Railway Co. (bulk)	—	—
Worleston - - -	1,773	540	94	73	Do.		
Wrenbury cum Frith. - - -	2,184	494	115	—	—	Wells, springs & rain-water.	Fair and adequate.
Wybunbury - - -	850	599	148	142	L. & N.W. Railway Co. (bulk)		
<b>Northwich R.D.:</b>							
Acton - - -	1,177	533	120	72	Northwich R.D.C. - - -	Wells - - -	Good and adequate.
Allostock - - -	3,017	499	106	—	—	Wells & rain-water	Do.
Anderton - - -	526	353	67	67	Northwich R.D.C.	—	—



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Cheshire—cont.</b>							
<b>Northwich R.D.— cont.</b>							
Barnton	760	3,051	679	669	Northwich R.D.C. Messrs. Brunner, Mond & Co. (bulk).	Wells	Good and adequate.
Bostock	1,165	196	36	14	Middlewich U.D.C. (bulk)	Wells	Bad and inadequate.
Byley	1,731	178	34	—	—	Wells	—
Clive	482	145	35	26	Winsford U.D.C. (bulk)	Wells	—
Cogshall	590	84	24	6	Messrs. Brunner, Mond & Co.	Wells	—
Comberbach	370	380	92	—	—	Wells	—
Crowton	1,738	487	110	—	—	Wells	—
Cuddington	1,151	503	114	97	Northwich R.D.C.	Wells	—
Darnhall	2,709	285	53	22	W. H. Verdin, Esq.	Wells	—
Davenham	496	616	150	147	Winsford U.D.C. (bulk)	Wells	—
Delamere	1,969	666	162	51	Northwich R.D.C. & Middle- wich U.D.C. (bulk).	Wells	—
Eaton	456	20	4	2	C. W. Tomkinson, Esq.	Wells	Good and adequate.
Eddisbury	2,085	304	58	—	Liverpool T.C. (bulk)	Wells	—
Hartford	917	883	199	194	Northwich R.D.C.	Wells	—
Kinderaton	1,999	457	90	64	Middlewich U.D.C. (bulk)	Wells	—
Lach Dennis	1,619	164	33	—	—	Wells	—
Leftwich	721	846	194	180	Northwich R.D.C. & Middle- wich U.D.C. (bulk).	Wells	—
Little Budworth	3,868	554	122	—	—	Wells	—
Little Leigh	1,595	352	82	—	—	Wells	—
Lostock Grahame	1,731	2,196	416	402	Northwich R.D.C.	Wells	—
Marbury	385	51	12	8	Do.	Wells	—
Marston	841	807	164	164	Do.	Wells	—
Marton	2,750	598	129	10	Winsford U.D.C. (bulk)	Wells	—
Moulton	475	1,210	246	243	Northwich U.D.C.	Wells	—
Nether Peover	969	220	45	—	Northwich R.D.C. & Middle- wich U.D.C. (bulk).	Wells	Good and adequate.
Oakmere	2,962	421	87	52	Northwich R.D.C.	Wells	—
Radheath	2,297	950	207	135	Liverpool T.C. (bulk)	Wells	—
Sproston	1,284	172	40	20	Northwich U.D.C.	Wells and rain- water.	Bad and inadequate.
Stanthorne	1,113	191	43	22	Middlewich U.D.C. (bulk)	Wells	—
Weaverham cum Milton.	3,623	1,989	472	423	Winsford U.D.C. (bulk)	Wells	Good and adequate.
Wharfedale	1,246	136	23	2	Middlewich U.D.C. (bulk)	Wells	—
Wimboldsley	1,732	194	38	8	Northwich R.D.C.	Wells	—
Wincham	1,246	1,091	228	224	Messrs. Brunner, Mond & Co., Ltd., and Northwich U.D.C.	Do.	—
Winnington	579	1,503	361	358	—	Do.	Fair, but inadequate
<b>Runcorn R.D.:</b>							
Acton Grange	971	142	34	16	Warrington T.C.	Wells	Good and fairly adequate.
Alvanley	1,513	306	69	—	—	Do.	Fairly good & adequate, but distant from houses.
Antrobus	2,114	387	97	—	—	Do.	Not good, but adequate; distant from houses.
Appleton	3,186	794	194	76	G. E. J. Charlton Parr, Esq. Warrington T.C.	Do.	Good and fairly adequate.
Aston by Sutton	1,408	276	56	29	Liverpool T.C. thro' A. H. Talbot, Esq.	Do.	—
Aston Grange	458	48	7	—	Liverpool T.C. (bulk)	Do.	Good and adequate.
Bartington	312	71	16	—	—	Spring and well	Good and adequate, but distant from houses.
Clifton	657	204	39	—	—	Springs	Good and adequate.
Crowley	1,400	172	34	—	—	Wells	—
Daresbury	607	135	36	23	Warrington T.C.	Wells	—
Dutton	2,089	484	53	23	Liverpool T.C. (bulk)	Wells	—
Frodsham	2,517	3,049	676	596	Runcorn R.D.C.	Wells	—
Frodsham Lordship	2,630	1,637	358	310	Do.	Wells	—
Grappenhall	1,610	1,803	436	366	G. E. J. Charlton Parr, Esq. Warrington T.C.	Wells	Fairly good and adequate.
Great Budworth	903	486	108	69	P. E. Warburton, Esq.	Wells	—
Halton	1,852	1,294	324	280	Runcorn U.D.C.	Wells	—
Hatton	1,049	303	76	20	Warrington T.C.	Wells	—
Helsby	1,320	1,891	420	365	Runcorn R.D.C.	Wells	—
Higher Whitley	1,020	336	82	—	—	Do.	Good and fairly adequate.
Keckwick	528	64	16	—	—	Do.	Fairly good and adequate.
Kingsley	2,709	1,014	256	—	—	Springs & wells	Very good and abundant.
Kingswood	1,918	463	63	3	Runcorn R.D.C.	Wells	Good and adequate, but distant from houses.
Latchford Without	184	755	202	193	Warrington T.C.	Wells	—
Lower Whitley	1,136	171	43	—	—	Wells	—
Manley	1,337	327	73	56	Runcorn R.D.C.	Wells	—
Moore	916	440	110	87	Warrington T.C.	Wells	—
Newton by Dares- bury.	785	160	33	15	Do.	Do.	Good and fairly adequate.
Newton by Frod- sham.	442	311	32	—	—	Do.	—
Norley	1,411	740	192	156	Liverpool T.C. (bulk)	Wells	—
Norton	2,236	277	69	16	Liverpool T.C. thro' Sir Richard Brooke, Bart.	Wells	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Cheshire—cont.</b>							
<b>Runcorn R.D.—cont.</b>							
Preston on the Hill	1,154	440	106	86	Liverpool T.C. (bulk)	Wells	Good and fairly adequate
Seven Oaks	631	149	38	—	—		
Stockham	331	32	6	—	—	—	—
Stockton Heath	189	4,370	1,076	1,076	Warrington T.C.	—	—
Stretton	1,133	346	82	46	Do.	—	—
Sutton	1,197	409	91	73	Liverpool T.C. (bulk)	—	—
Thelwall	1,256	517	117	68	—	—	—
Walton Inferior	540	1,068	268	249	Warrington T.C.	Wells	Good and fairly adequate
Walton Superior	437	200	44	35	—		
Weston	1,025	2,145	458	425	Runcorn U.D.C.	—	—
<b>Tarvin R.D.:</b>							
Aldersey	802	109	21	—	—	—	—
Aldford	1,276	431	90	88	Wrexham and East Denbigh- shire Water Co.	—	—
Ashton	1,324	421	85	67	R. C. Parr, Esq.	Wells & springs	Satisfactory and sufficient
Barrow	3,033	699	149	—	—		
Barton	530	105	22	—	—	—	—
Beeston	1,966	308	62	50	Tarvin R.D.C.; Liverpool T.C. thro' Nantwich R.D.C.	—	—
Broxton	2,132	541	116	—	—	—	—
Bruen Stapleford	754	118	25	—	—	—	—
Buerton	673	62	16	16	Wrexham and E.D. Water Co.	—	—
Burton by Tarvin	345	41	10	—	—	—	—
Burwardsley	1,058	318	82	—	—	—	—
Caldecott	665	56	9	—	—	—	—
Carden	830	158	33	—	—	Wells & springs	Satisfactory and sufficient
Chowley	798	52	7	—	—		
Church Shocklach	1,278	159	30	—	—	—	—
Churton by Aldford	574	220	55	17	Wrexham and E.D. Water Co.	—	—
Churton by Farndon	445	136	29	—	—	—	—
Churton Heath	133	16	1	1	Wrexham and E.D. Water Co.	—	—
Clotton Hoofield	1,552	360	73	—	—	—	—
Clutton	632	60	14	—	—	—	—
Coddington	1,422	108	24	—	—	—	—
Cotton Abbots	292	11	1	—	—	—	—
Cotton Edmunds	622	66	10	—	—	—	—
Crewe	292	54	12	—	—	—	—
Doddon	662	203	65	5	C. W. Tomkinson, Esq.	—	—
Edgerley	121	12	2	—	—	—	—
Farndon	1,071	546	113	—	—	—	—
Foulk Stapleford	1,332	238	45	—	—	—	—
Golborne Bellow	608	85	17	—	—	—	—
Golborne David	660	62	14	—	—	—	—
Grafton	395	7	1	—	—	—	—
Guilden Sutton	974	397	65	—	—	—	—
Handley	1,351	246	59	—	—	—	—
Harthill	493	101	26	—	—	—	—
Hatton	1,465	131	25	—	—	—	—
Hockenhull	344	28	4	—	—	—	—
Horton	807	129	26	—	—	—	—
Horton cum Peel	343	42	5	2	R. C. Parr, Esq.	—	—
Huntington	1,448	117	22	4	Wrexham and E.D. Water Co.	Wells & springs	Satisfactory and sufficient
Huxley	1,555	283	66	—	—		
Iddinshall	479	12	6	—	—	—	—
Kelsall	1,241	709	169	75	R. C. Parr, Esq., Trustees of the late John C. Needham, B. Dutton, Esq.	—	—
King's Marsh	823	65	12	5	J. Williams, Esq.	—	—
Lea Newbold	729	47	9	4	Wrexham & E.D. Water Co.	—	—
Mouldsworth	886	167	37	30	R. C. Parr, Esq.	—	—
Newton by Tatten- hall.	622	219	36	—	—	—	—
Prior's Heys	106	9	2	—	—	—	—
Rowton	591	165	25	1	Chester Waterworks Co.	—	—
Saighton	1,777	327	69	55	Wrexham and E.D. Water Co.	—	—
Shocklach Oviatt	1,048	193	35	—	—	—	—
Stretton	937	80	16	—	—	—	—
Tarvin	2,044	1,137	390	2	C. W. Tomkinson, Esq.	—	—
Tattenhall	2,925	1,043	210	—	—	—	—
Tilston	799	382	77	—	—	—	—
Tilstone Fearnall	889	175	27	11	—	—	—
Tiverton	1,705	544	110	94	Tarvin R.D.C.	—	—
Waverton	1,186	538	119	30	Duke of Westminster	—	—
Willington	1,030	139	32	18	C. W. Tomkinson, Esq.	—	—
<b>Tintwistle R.D.:</b>							
Hattersley	1,059	256	67	—	—	Springs & wells	Good and sufficient.
Matley	705	289	89	44	Trustees of the late Earl of Stamford & Warrington.		
Tintwistle	11,855	1,648	416	350	Tintwistle Waterworks Co., (1911), Ltd.	—	—
<b>Wirral R.D.:</b>							
Arrowe	758	111	21	21	West Cheshire Water Co.	Wells	Good and adequate.
Barnston	1,108	641	135	127	Do.	—	—
Bidston cum Ford	1,713	969	168	168	Birkenhead T.C.	—	—
Brimstage	1,019	189	32	32	—	—	—
Burton	1,963	264	55	55	West Cheshire Water Co.	—	—
Caldy	754	187	43	43	Hoylake & West Kirby Gas & Water Co., Ltd.	—	—



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<b>Cheshire—cont.</b>							
<b>Wirral R.D.—cont.</b>							
Childer Thornton -	746	688	155	155	West Cheshire Water Co. -	—	—
Eastham -	1,608	1,084	218	218	—	—	—
Frankby -	571	270	48	45	Hoylake, &c., Gas & Water Co. -	Wells -	Good, but occasionally insufficient.
Gayton -	707	238	47	47	West Cheshire Water Co. -	—	—
Grange -	1,388	445	103	103	Hoylake, &c., Gas & Water Co. -	—	—
Greasby -	809	476	104	98	Co. Ltd. -	Wells -	Good, but occasionally insufficient.
Great Sutton -	1,151	414	78	78	—	—	—
Heswall cum Old-field.	1,330	3,616	772	772	West Cheshire Water Co. -	—	—
Hooton -	1,194	226	42	42	—	—	—
Irby -	842	161	31	26	Do. -	Wells -	Good, but occasionally insufficient.
Landican -	626	80	13	13	—	—	—
Ledsham -	825	152	31	31	Do. -	—	—
Little Sutton -	1,130	1,327	280	280	—	—	—
Moreton -	1,202	970	237	237	Hoylake, &c., Gas & Water Co. -	—	—
Ness -	1,434	451	114	114	—	—	—
Noctorum -	330	203	23	23	—	—	—
Pensby -	354	74	16	16	—	—	—
Poulton cum Spital	856	551	49	49	West Cheshire Water Co. -	—	—
Prenton -	640	1,303	267	267	—	—	—
Puddington -	1,391	205	50	50	—	—	—
Raby -	1,758	351	71	71	—	—	—
Saugbhall Massie -	942	210	40	40	Hoylake, &c., Gas & Water Co. -	—	—
Storeton -	1,372	280	50	50	—	—	—
Thingwall -	377	200	36	36	—	—	—
Thornton Hough -	1,536	602	123	123	—	—	—
Thurstaston -	946	138	27	27	West Cheshire Water Co. -	—	—
Upton by Birkenhead.	943	1,006	198	198	—	—	—
Willaston -	1,994	806	180	180	—	—	—
Woodchurch -	338	138	32	32	—	—	—
<b>CORNWALL.</b>							
Bodmin B. -	2,797	5,734	1,012	962	Bodmin Waterworks Co. -	Springs -	Satisfactory.
Callington U.D. -	2,531	1,712	427	350	Callington Waterworks Co., Ltd. -	Wells -	Good and adequate.
Camborne U.D. -	6,932	15,829	3,844	2,906	Camborne Water Co. -	Wells & springs	Good and sufficient.
Falmouth B. -	791	13,132	2,426	2,426	Falmouth Waterworks Co. -	—	—
Fowey B. -	1,954	2,276	500	400	Fowey T.C. -	Wells -	Good and adequate.
Hayle U.D. -	247	1,028	241	241	Hayle U.D.C. -	—	—
Helston B. -	309	2,937	699	420	Helston & Porthleven Water Co. -	Wells & springs	Satisfactory.
Launceston B. -	2,182	4,117	944	884	Launceston T.C. -	Wells -	Fair.
Liskeard B. -	2,704	4,371	1,049	1,011	Liskeard T.C. -	Wells & springs	Good.
Looe U.D. -	590	2,718	666	659	Looe U.D.C. -	Springs & rain-water.	Good and fairly adequate.
Lostwithiel B. -	389	1,373	365	357	Lostwithiel T.C. -	Wells & springs	Good.
Ludgvan U.D. -	4,543	2,213	546	60	Long Rock Water Supply Joint Committee.	Wells, springs & streams.	Good and plentiful.
Madron U.D. -	5,571	3,710	819	744	Madron U.D.C. -	Wells, springs, rivers, & streams.	Generally good and adequate.
Newquay U.D. -	865	4,415	992	977	Newquay & District Water Co. -	Wells -	Fairly good.
Padstow U.D. -	191	2,480	429	429	Padstow U.D.C. -	—	—
Paul U.D. -	3,446	6,014	1,359	659	Paul U.D.C.; The R.R. Bath & Newlyn Ice Co., Ltd. (occasionally part in bulk).	Wells & springs	Satisfactory.
Penryn B. -	286	3,092	775	749	Falmouth Waterworks Co. -	Wells -	Satisfactory and adequate.
Penzance B. -	362	13,478	3,002	3,002	Penzance T.C. -	—	—
Phillack U.D. -	2,909	3,611	880	800	Phillack U.D.C. -	Wells -	Good and ample.
Redruth U.D. -	4,006	10,814	2,611	2,058	Redruth U.D.C. -	Wells & springs	Satisfactory.
St. Austell U.D. -	196	3,365	812	798	St. Austell U.D.C. -	Wells -	Good and adequate.
St. Ives B. -	1,889	7,170	1,796	1,665	St. Ives T.C. -	Wells & springs	Satisfactory.
St. Just U.D. -	7,634	5,753	1,380	320	St. Just U.D.C. -	Do.	Satisfactory, but many inadequate.
Saltash B. -	193	4,130	708	658	Saltash T.C. & Plymouth T.C. (bulk).	Wells -	Good and sufficient.
Stratton and Bude U.D. -	1,882	2,976	674	619	Stratton and Bude U.D.C. -	Wells & springs	Satisfactory.
Torpoint U.D. -	975	4,282	794	789	Torpoint U.D.C. -	Wells, springs and ponds.	Good.
Truro B. -	1,139	11,325	2,680	2,550	Truro Water Co. -	Wells -	Generally unsatisfactory.
Wadebridge U.D. -	864	2,339	575	570	Wadebridge U.D.C. -	Do.	Good.
<b>Bodmin R.D.:</b>							
Blisland -	6,445	539	130	1	Bodmin Waterworks Co. -	—	—
Bodmin -	3,417	305	78	3	Do. -	—	—
Cardinham -	9,634	583	132	—	—	—	—
Egloskayle -	5,299	430	113	—	—	—	—
Helland -	2,493	209	43	1	Bodmin Waterworks Co. -	Wells -	Good and sufficient.
Lanhydrock -	1,786	256	48	—	—	—	—
Lanivet -	5,426	970	249	—	—	—	—
Lanlivery Rural -	6,497	607	153	—	—	—	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Cornwall—cont.</b>							
<b>Bodmin R.D.—cont.</b>							
Luxulian - - -	5,432	1,016	252	—	—	Wells - -	Good and sufficient
St. Endellion - -	3,777	1,049	335	—	—	Do. - -	Good, but inadequate.
St. Kew - - -	7,559	884	255	—	—		
St. Mabyn - - -	4,101	522	157	—	—		
St. Minver High- lands. - - -	5,325	491	130	—	—		
St. Minver Low- lands. - - -	2,288	437	125	—	—	Wells - -	Good and sufficient.
St. Tudy - - -	3,283	499	112	—	—		
St. Winnow - - -	6,249	958	250	120	Bodmin R.D.C. - -		
Temple - - -	822	31	8	—	—		
Warleggan - - -	2,163	216	52	—	—		
Withiel - - -	3,091	355	85	—	—		
<b>Calstock R.D.:</b>							
Calstock - - -	5,830	4,880	1,495	938	Calstock R.D.C. - -	Wells, streams, & springs.	Good and ample.
<b>Camelford R.D.:</b>							
Advent - - -	4,091	205	45	—	—	Wells & springs	Good and adequate.
Davidstow - - -	6,853	384	84	—	—		
Forrabury - - -	539	313	126	95	Camelford R.D.C. - -	Wells - -	Do.
Lanteglos - - -	4,000	1,404	406	210	Leschallas Trustees - -	Wells and springs	Good and adequate.
Lesnewth - - -	2,024	71	26	—	Camelford R.D.C. - -	Do.	Good and generally sufficient.
Michaelstow - - -	1,635	191	52	—	—		
Minster - - -	3,342	399	120	74	Leschall as Trustees - -	Wells & springs	Good and adequate
Otterham - - -	3,295	209	39	—	Camelford R.D.C. - -		
St. Breward - - -	9,435	845	282	41	Bodmin Waterworks Co. -	Wells - -	Do.
St. Clether - - -	2,966	172	45	—	—	Wells & springs	Do.
St. Juliot - - -	2,712	230	50	—	—		
St. Teath - - -	5,905	1,892	542	—	—		
Tintagel - - -	4,422	989	322	84	Sir Robert Harvey - -	Do.	Good, but occasionally inadequate.
Trevalga - - -	1,325	81	29	—	—	Do.	Good and adequate.
<b>East Kerrier R.D.:</b>							
Budock Rural - -	3,589	1,551	337	126	Falmouth Waterworks Co. -	Springs - -	
Constantine - - -	8,024	1,615	442	150	East Kerrier R.D.C. - -	Wells - -	Satisfactory.
Mabe - - -	2,574	624	155	—	—		
Mawnan - - -	2,117	493	94	35	East Kerrier R.D.C. - -	Do. - -	Generally satisfactory.
Mylor - - -	3,593	1,979	550	217	Do. - - -	Wells and spring	
Perranarworthal -	1,782	896	270	50	Do. - - -		Satisfactory.
St. Gluvias - - -	2,550	851	222	110	Do. - - -	Wells - -	
<b>Helston R.D.:</b>							
Breage - - -	7,265	2,349	670	95	Helston & Porthleven Water Co.		
Crowan - - -	7,496	2,066	569	220	Camborne Water Co. - -		
Cury - - -	2,822	359	83	—	—		
Germoe - - -	1,331	392	105	—	—		
Grade - - -	1,959	328	89	—	—		
Gunwalloe - - -	1,472	152	42	—	—		
Landewednack - -	2,050	595	140	—	—		
Manaccan - - -	1,746	357	95	—	—		
Mawgan in Meneage	5,453	690	172	—	—		
Mullion - - -	5,015	732	165	—	—	Wells & springs	Generally satisfactory
Ruan Major - - -	2,533	88	18	—	—		
Ruan Minor - - -	704	250	75	—	—		
St. Anthony in Meneage. - - -	1,420	196	45	—	—		
St. Keverne - - -	10,299	1,913	450	—	—		
St. Martin in Meneage. - - -	2,372	341	85	—	—		
Sithney - - -	5,824	2,691	750	300	Helston and P. Water Co. -		
Wendron - - -	13,259	3,693	1,008	42	Helston and P. Water Co. -		
<b>Launceston R.D.:</b>							
Altarnun - - -	15,018	879	230	—	—		
Boyton - - -	4,206	286	59	—	—		
Egloskerry - - -	3,262	366	86	—	—		
Lancast - - -	2,555	185	48	—	—		
Lawhitton Rural -	2,339	256	65	—	—		
Lewannick - - -	4,065	466	123	—	—		
Lezant - - -	4,841	638	156	—	—		
North Hill - - -	7,260	771	210	—	—		
St. Stephens by Launceston Rural	3,425	308	79	2	—		
St. Thomas the Apostle Rural.	1,944	237	58	3	Launceston T.C. - - -	Wells - -	Good and adequate.
South Petherwin -	5,075	647	170	—	—		
Stoke Chinsland -	8,856	1,651	430	52	Callington Waterworks Co., Ltd.		
Tremaine - - -	1,062	80	20	—	—		
Trenglos - - -	2,760	131	28	—	—		
Tresmeer - - -	1,374	191	41	—	—		
Trewen - - -	994	108	30	—	—		
Warbstow - - -	4,151	344	88	—	—		
<b>Liskeard R.D.</b>							
Bocennoc - - -	2,065	249	62	—	—	Spring	
Broad oak - - -	3,404	264	50	—	—	Wells - -	Good.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.		
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.	
1.	2.	3.	4.	5.	6.	7.	8.	
<b>Cornwall—cont.</b>								
<b>Liskeard R.D.—</b>								
<i>cont.</i>								
Duloe - - -	5,829	687	162	—	—	Spring - - -	Good and sufficient.	
Laureath - -	4,966	446	102	—	—	Wells - - -		
Lansallos - -	3,068	607	143	2	Thomas Mills, Esq. - -	Wells & springs - -		
Lanteglos - -	3,249	1,360	347	160	Polruan Town Charity - -	Wells - - -	Good.	
Linkinhorne -	7,924	1,450	391	—	—	Wells & springs - -		
Liskeard - - -	5,925	938	235	—	—	Wells - - -		
Menheniot - -	7,002	1,126	278	100	Liskeard R.D.C. - - -	Wells - - -	Good and sufficient.	
Morval - - -	3,568	548	147	15	Looe U.D.C. - - -	Wells - - -		
Pelynt - - -	4,676	494	122	—	—	Wells & springs - -		
St. Cleer - - -	10,943	1,648	459	40	Viscount Clifden - - -	Wells & springs - -	Good.	
St. Dominick -	3,182	728	172	—	—	Wells - - -		
St. Ives - - -	5,899	1,267	351	—	—	Wells & springs - -		
St. Keyne - - -	942	136	30	—	—	Wells - - -	Good and sufficient.	
St. Martin - -	3,070	290	71	—	—	Springs - - -		
St. Neot - - -	14,165	1,074	242	—	—	Wells - - -		
St. Pinnock - -	3,488	376	84	—	—	Wells - - -	Good and sufficient.	
St. Veep - - -	3,114	487	113	—	—	Springs - - -		
South Hill - -	3,349	444	106	—	—	Wells - - -		
Talland - - -	2,190	730	186	163	Liskeard R.D.C. - - - Thomas Mills, Esq. - - -	Wells - - -	Good except at Carnkie, Illogan; inadequate in parts.	
<b>Redruth R.D.:</b>								
Gwennap - - -	6,630	5,467	1,483	112	Lanner Village Supply - -	Wells, streams & rainwater.		Good except at Carnkie, Illogan; inadequate in parts.
Gwinear - - -	4,647	1,327	326	—	—	Wells, streams & rainwater.		
Gwithian - - -	2,418	741	179	—	—	Wells, streams & rainwater.		
Illogan - - -	8,490	8,883	2,161	965	A. F. Basset, Esq. - - - Camborne Water Co. - - -	Wells, streams & rainwater.	Good and adequate.	
Stithians - - -	4,361	1,584	410	—	—	Wells, streams & rainwater.		
<b>St. Austell R.D.:</b>								
Creed - - -	2,666	239	50	—	—	Wells, streams & rainwater.	Good and adequate.	
Grampond - - -	198	430	117	80	Grampond P.C. - - -	Wells, streams & rainwater.		
Mevagissey - -	1,378	1,849	472	—	—	Wells, streams & rainwater.		
Roche - - -	6,471	1,827	362	—	—	Wells, streams & rainwater.	Good and adequate.	
St. Austell Rural -	12,028	10,244	2,004	1,708	St. Austell R.D.C. - - - R. E. Pearce Martyn, Esq. - - - St. Austell U.D.C. - - -	Wells, streams & rainwater.		
St. Blazey - - -	1,792	3,086	800	755	St. Austell R.D.C. - - -	Wells, streams & rainwater.		
St. Dennis - - -	3,240	2,030	361	—	—	Wells, streams & rainwater.	Good and adequate.	
St. Ewe - - -	5,953	921	238	22	St. Austell R.D.C. - - -	Wells, streams & rainwater.		
St. Goran - - -	4,961	729	186	—	—	Wells, streams & rainwater.		
St. Mewan - - -	2,652	1,327	262	68	St. Austell R.D.C. - - -	Wells, streams & rainwater.	Good, but occasionally inadequate.	
St. Michael Caer- hays. - - -	861	147	33	—	—	Wells, streams & rainwater.		
St. Sampson - -	1,483	349	60	—	—	Wells, streams & rainwater.		
St. Stephens in Brannel. - - -	9,292	4,831	899	—	—	Wells, streams & rainwater.	Good, but occasionally inadequate.	
Tywardreath - -	3,387	2,414	527	457	St. Austell R.D.C. - - -	Wells, streams & rainwater.		
<b>St. Columb Major R.D.:</b>								
Colan - - -	2,049	181	40	4	Newquay & District Water Co. -	Wells, streams & rainwater.	Good, but occasionally inadequate.	
Crantock Rural -	2,062	308	81	—	—	Wells, streams & rainwater.		
Cubert - - -	2,510	317	74	—	—	Wells, streams & rainwater.		
Little Petherick -	1,224	175	34	1	Padstow U.D.C. - - -	Wells, streams & rainwater.	Good, but occasionally inadequate.	
Mawgan in Pyder -	5,524	718	138	—	—	Wells, streams & rainwater.		
Newlyn - - -	8,371	1,119	262	—	—	Wells, streams & rainwater.		
Padstow Rural -	3,152	399	97	54	Padstow U.D.C. - - -	Wells, streams & rainwater.	Good, but occasionally inadequate.	
St. Breock - - -	7,478	730	161	—	—	Wells, streams & rainwater.		
St. Columb Major -	12,884	2,860	605	270	St. Columb Major R.D.C. - - - Newquay & Dist. Water Co. - - - Do. - - -	Wells & springs - -		
St. Columb Minor Rural. - - -	5,298	1,290	278	64	—	Wells & springs - -	Good, but occasionally inadequate.	
St. Enoder - - -	7,275	1,412	292	—	—	Wells, streams & rainwater.		
St. Ervan - - -	3,142	265	60	—	—	Wells, streams & rainwater.		
St. Eval - - -	2,918	205	48	—	—	Wells, streams & rainwater.	Good, but occasionally inadequate.	
St. Issey - - -	4,500	441	97	—	—	Wells, streams & rainwater.		
St. Merryn - - -	3,946	464	119	—	—	Wells, streams & rainwater.		
St. Wenn - - -	4,695	378	81	—	—	Wells, streams & rainwater.	Good, but occasionally inadequate.	
<b>St. Germans R.D.:</b>								
Antony - - -	2,323	671	167	35	Lt.-Gen. Sir R. Pole-Carew, M.P. (bulk). - - -	Springs - - -		Good.
Botus Fleming -	1,145	276	50	—	—	Wells - - -		
Landrake with St. Erney. - - -	3,610	654	162	—	—	Wells - - -		
Landulph - - -	2,116	478	126	—	—	Wells - - -	Fair.	
Maker - - -	1,297	1,238	258	200	St. Germans R.D.C. - - -	Springs - - -		
Millbrook - - -	1,093	2,013	500	448	Do. - - -	Upland surfaces - -		
Pillaton - - -	2,901	405	86	—	—	Wells - - -	Good.	
Quethlock - - -	4,562	407	103	—	—	Wells - - -		
Rame - - -	1,272	681	155	133	St. Germans R.D.C. - - -	Springs - - -		
St. Germans - -	10,151	2,050	553	100	Do. - - -	Wells - - -	Fair.	
St. John - - -	733	175	43	—	—	Springs - - -		
St. Mellion - - -	2,984	287	59	—	—	Wells - - -		
St. Stephens - -	5,142	2,422	598	320	Saltash T.C. (bulk) - - -	Do. - - -	Good.	
Shevick - - -	2,434	516	124	18	St. Germans R.D.C. - - -	Springs & wells - -		
<b>Stratton R.D.:</b>								
Jacobstow - - -	4,471	372	86	—	—	Wells - - -	Good and adequate.	
Kilkhampton - -	8,206	825	180	—	—	Wells - - -		
Launcells - - -	6,186	517	110	—	—	Wells - - -		
Marhamchurch -	2,716	466	130	—	—	Wells - - -		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
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1.	2.	3.	4.	5.	6.	7.	8.
<b>Cornwall—cont.</b>							
<b>Stratton R.D.—</b>							
<i>cont.</i>							
Morwenstow -	8,197	603	120	—	—	Stratton and Bade U.D.C. -	
Poughill -	1,630	293	90	22	—		
Poundstock -	4,799	423	110	6	—		
St. Gennys -	6,067	434	104	—	—		
Stratton -	1,069	105	30	—	—		
Week St. Mary -	6,123	522	145	—	—		
Whitstone -	3,931	364	81	—	—		
<b>Truro R.D.:</b>							
Cornelly -	1,368	79	17	—	—	Wells -	Good and adequate.
Cuby -	2,316	134	27	—	—		
Feock -	2,963	1,725	450	150	Viscount Clifden -		
Gerrans -	2,642	747	227	—	—		
Kea -	6,761	1,687	490	—	—		
Kenwyn Rural -	8,374	2,557	706	—	—		
Ladock -	5,828	977	256	—	—		
Lamorrnan -	1,264	53	15	—	—		
Merther -	1,797	215	47	—	—		
Perranzabuloe -	10,894	2,366	710	150	Truro R.D.C. -	Do.	Good, but inadequate in Rose and Goonhavern.
Philleigh -	2,403	213	60	—	—		
Probus -	8,096	1,259	297	—	—	Do.	Good and adequate.
Ruan Laniorne -	2,208	248	69	—	—		
St. Agnes -	8,442	3,886	1,075	875	Truro R.D.C. -	Wells, springs, & rain-water.	Good.
St. Allen -	3,506	400	118	—	—		
St. Anthony in Roseland.	753	105	32	—	—		
St. Clement Rural -	3,306	814	140	12	Truro Water Co. -		
St. Erme -	4,552	414	117	—	—		
St. Just in Roseland -	2,651	985	306	200	Truro R.D.C. -	Wells -	Good and adequate.
St. Michael Pen- kevil.	1,213	171	41	—	—		
Tregavethan -	1,002	43	8	—	—		
Tregoney -	141	467	162	—	—		
Veryan -	5,716	970	297	—	—	Wells & springs -	Do.
<b>West Penwith</b>							
<b>R.D.:</b>							
Gulval -	4,358	1,322	328	328	West Penwith R.D.C. - Long Rock Water Supply Joint Committee.	—	—
Marazion -	719	1,237	318	318	West Penwith R.D.C. -	—	—
Morrah -	1,271	105	27	—	—	Wells -	Good.
Perranuthnoe -	1,101	798	222	—	—	Rain-water -	
St. Buryan -	6,975	1,236	274	—	—	Spring -	
St. Erth Rural -	3,805	1,210	293	—	—	—	
St. Hilary -	2,923	728	187	—	—	Wells -	
St. Levan -	2,405	731	147	—	—	—	
St. Michael's Mount	21	74	15	15	West Penwith R.D.C. -	—	—
Sancroed -	4,608	805	184	—	—	Wells -	Good.
Sennen -	2,290	644	181	53	West Penwith R.D.C. -	Wells -	Good and adequate.
Towednack -	2,842	381	102	—	—	Wells -	
Uny Lelant -	3,524	1,599	363	195	R. W. G. Tyringham, Esq. -	Wells & springs -	Good.
Zennor -	4,360	294	74	—	—	Wells -	
<b>CUMBERLAND.</b>							
Arleedon and Friz- ington U.D.	5,554	5,183	1,078	1,054	Arleedon & Frizington U.D.C.	Wells & springs -	Fairly good, but occasion- ally insufficient.
Aspatria U.D.	3,552	3,339	686	675	Aspatria, Silloth and District Joint Water Board.	Wells & springs -	Satisfactory and adequate.
*Carlisle C.B.	4,488	52,225	12,122	12,100	Carlisle T.C. -	Wells -	Variable, but plentiful.
Cleator Moor U.D.	2,947	8,301	1,619	1,619	Cleator Moor U.D.C. and S. L. Burns Lindow, Esq. -	—	—
Cockermouth U.D.	2,425	5,203	1,167	1,167	Workington T.C. (bulk) -	—	—
Egremont U.D.	2,769	6,305	1,271	1,258	Arleedon & Frizington U.D.C. (bulk).	Wells & springs -	Doubtful.
Harrington U.D.	2,390	4,338	836	813	Workington T.C. thro' Har- rington & Distington Joint Water Committee.	(a) Wells & springs (b) rain-water.	(a) Satisfactory; (b) fair.
Holme Cultram U.D.	25,489	4,494	996	476	Aspatria, Silloth and District Joint Water Board (bulk)	Wells & springs -	Frequently poor and deficient.
Keswick U.D.	1,166	4,403	1,048	1,038	Keswick U.D.C. -	Wells -	Satisfactory & sufficient.
Maryport U.D.	1,515	11,418	2,448	2,448	Major E. W. Spedding -	—	—
Millom U.D.	1,463	8,612	1,789	1,789	Maryport U.D.C. -	—	—
Penrith U.D.	7,585	8,973	2,069	2,000	Millom U.D.C. -	—	—
					Penrith U.D.C. -	(a) Wells & spring (b) rivers & streams (c) rain-water.	(a) Good and generally sufficient; (b) liable to pollution.
Whitehaven B.	1,810	19,044	3,893	3,890	Whitehaven T.C. -	Springs -	Satisfactory.
Wigton U.D.	1,002	3,687	831	818	Wigton U.D.C. -	Wells -	Fair.
Workington B.	2,466	25,092	5,045	5,045	Workington T.C. -	—	—

\* Carlisle C.B.—The piped service is being extended.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Cumberland—cont.</b>							
<b>Alston with Garrigill R.D. :</b>							
Alston with Garrigill.	36,971	3,075	875	470	Alston with Garrigill R.D.C.	Springs - -	Liable to pollution, but generally ample.
<b>Bootle R.D. :</b>							
Birker and Austhwaite.	8,245	62	15	—	—	Rivers, springs, and wells.	Satisfactory.
Bootle - - -	6,856	746	154	104	Bootle R.D.C.		
Corney - - -	4,354	195	33	—	—		
Drigg and Carleton	3,827	447	97	93	Bootle R.D.C.		
Eskdale & Wasdale	17,421	358	81	—	—		
Irton with Santon	6,181	481	98	14	Bootle R.D.C.		
Millom Rural	12,373	1,200	256	118	Millom U.D.C. (bulk)		
Muncaster - - -	7,239	529	116	92	Lord Muncaster		
Seascale - - -	1,441	699	146	134	Bootle R.D.C.		
Ulpha - - -	13,090	208	45	—	—		
Waberthwaite -	1,850	194	44	—	—		
Whicham - - -	4,909	391	80	67	{ Millom U.D.C. - - - { Bootle R.D.C. - - -		
Whitbeck - - -	4,536	154	28	—	—		
<b>Brampton R.D. :</b>							
Askerton - - -	11,303	235	52	—	—	Wells & springs -	Good.
Brampton - - -	6,466	2,392	832	786	{ Carlisle T.C. (bulk) - - - { Brampton R.D.C. - - -	Wells - - -	Doubtful and deficient.
Burtholme - - -	2,683	241	62	—	—	Wells & springs -	Good.
Carlton - - -	1,462	57	9	—	—	Wells - - -	Doubtful and deficient.
Castle Carrock -	3,031	287	70	43	Carlisle T.C. (bulk)	Springs - - -	Good.
Cumrew - - -	2,773	94	21	—	—	Wells - - -	Doubtful and in part deficient.
Cumwhitton - -	5,823	429	101	42	Brampton R.D.C.	Do. - - -	Doubtful and deficient.
Farlam - - -	5,310	1,022	312	248	Do. - - -	Do. - - -	Good.
Geltsdale - - -	5,247	12	2	—	—	Do. - - -	Doubtful and in part deficient.
Hayton - - -	7,844	1,068	318	180	Carlisle T.C. (bulk)	Do. - - -	Doubtful and deficient.
Irthington - - -	7,391	708	180	90	Do. - - -	Wells & springs -	Fairly good.
Kingwater - - -	18,770	233	72	—	—	Wells - - -	Doubtful and deficient.
Midgeholme - -	5,147	223	60	44	Brampton R.D.C.	Do. - - -	Good.
Nether Denton -	4,981	265	86	—	—	Do. - - -	Doubtful and deficient.
Upper Denton -	1,037	149	31	27	Brampton R.D.C.	Do. - - -	Good.
Walton - - -	3,813	303	77	—	—	Do. - - -	Doubtful and deficient.
Waterhead - - -	4,616	264	53	—	—	Wells & springs -	Good.
<b>Carlisle R.D. :</b>							
Beaumont - - -	1,580	214	49	5	Carlisle T.C.	Wells & springs -	Satisfactory.
Burgh by Sands -	6,060	777	199	40	Do. - - -	Do. do. - -	Unsatisfactory.
Crosby upon Eden	2,410	252	62	—	—	Do. do. - -	Satisfactory.
Cummersdale - -	1,582	522	120	68	Carlisle T.C.	Do. do. - -	Unsatisfactory.
Dalston - - -	12,417	1,700	408	—	—	Do. do. - -	Satisfactory.
Grinsdale - - -	1,440	143	38	4	Carlisle T.C.	Do. do. - -	Unsatisfactory.
Kingmoor - - -	3,018	950	234	161	{ Carlisle R.D.C. - - - { Carlisle T.C. - - -	Do. do. - -	Satisfactory.
Kirkandrews upon Eden.	1,019	132	33	10	Carlisle T.C.	Do. do. - -	Unsatisfactory.
Orton - - -	4,286	443	87	—	—	Do. do. - -	Unsatisfactory, except in part of Gt. Orton village.
Rockcliffe - - -	5,089	545	152	—	—	Do. do. - -	Unsatisfactory.
St. Outhbert With- out.	7,040	2,040	211	41	Carlisle T.C.	Do. do. - -	Satisfactory in parts.
Stanwix - - -	3,950	958	168	67	Carlisle T.C.	Do. do. - -	Satisfactory.
Warwick - - -	1,857	257	69	40	Carlisle R.D.C.	Do. do. - -	Satisfactory in parts.
Wetheral - - -	11,735	3,228	814	651	{ Carlisle R.D.C. - - - { Carlisle T.C. - - -	Do. do. - -	Doubtful in parts.
Wresay - - -	1,110	167	35	—	—	Do. do. - -	Doubtful.
<b>Cockermouth R.D. :</b>							
Above Derwent -	14,753	1,047	228	166	{ Cockermouth R.D.C. - - - { Keswick U.D.C. (bulk)	Surface water -	Good.
Bassenthwaite -	6,915	428	105	—	—	Stream - - -	Polluted.
Bewaldeth and Snittlegarth.	1,608	61	12	—	—	Wells - - -	Good.
Blindbothel - -	1,261	88	16	—	—	Do. - - -	Doubtful.
Blinderake, Isel and Redmaine.	4,251	262	65	—	—	Do. - - -	Polluted.
Borrowdale - -	16,663	446	100	18	J. Simpson, Esq. - - -	(a) Springs; (b) R. Derwent.	(a) Some good; (b) liable to pollution.
Bothel and Threap- land.	3,390	350	79	—	—	Springs & wells	Popplespring polluted.
Brackenthwaite -	4,384	93	19	—	—	Wells - - -	Doubtful.
Bridekirk - - -	1,044	113	25	—	—	Do. - - -	Do.
Brigham - - -	1,759	659	175	175	Workington T.C. (bulk)	—	—
Broughton - - -	1,360	1,363	305	305	Do. do.	Surface water -	Good.
Broughton Moor -	1,736	997	194	190	—	—	—
Battermere - -	6,848	131	19	—	—	—	—
Camerton - - -	787	258	59	59	Workington T.C. (bulk)	—	—
Castlerigg, St. John's and Wythburn.	19,589	735	142	—	—	Springs & rivulets	Good.
Crosscanonby -	2,393	758	177	177	Aspatia, S. & D. Jt. Water Bd. (bulk).	—	—
Dean - - -	6,529	666	150	54	Cockermouth R.D.C.	Wells - - -	Some bad and scarce.
Dearham - - -	2,149	2,127	478	478	Maryport U.D.C.	Wells - - -	Doubtful.
Dovenby - - -	1,764	216	42	35	—	Wells - - -	Some polluted.
Eaglesfield - -	1,998	226	57	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Cumberland—cont.</b>							
<b>Cockermouth R.D.</b>							
Embleton - -	3,951	377	82	—	—	Wells and surface water.	Doubtful.
Flimby - -	1,685	2,487	501	501	Maryport U.D.C. - -	—	—
Gilerux - -	2,017	415	95	—	—	(a) Wells and springs; (b) surface water.	(a) Good and plentiful (b) bad and inadequate
Great Clifton - -	997	1,191	217	213	Workington T.C. (bulk) -	—	—
Greysouthen - -	1,646	535	110	81	—	—	—
Isell Old Park - -	1,844	77	13	—	—	Wells - -	Some good.
Little Clifton - -	1,080	494	104	102	Workington T.C. (bulk) -	Do. - -	Doubtful.
Lorton - -	5,501	311	77	—	—	Do. - -	Doubtful and poor.
Lowseswater - -	9,410	256	64	—	—	Do. - -	Some good.
Mosser - -	1,491	73	12	—	—	Do. - -	Good.
Oughterside and Allerby.	2,203	559	117	108	Aspatria, S. & D. Jt. Water Bd. (bulk).	Do. - -	Doubtful.
Papcastle - -	1,241	556	145	145	Workington T.C. & Maryport U.D.C. through Papcastle Water Co., Ltd.	—	—
Plumbland - -	2,568	568	129	2	Aspatria, S. & D. Jt. Water Bd.	Wells & springs -	Doubtful.
Ribton - -	615	23	2	2	—	—	—
Seaton - -	2,040	1,801	413	413	Workington T.C. (bulk) -	—	—
Setmurthy - -	2,780	198	41	—	—	(a) Surface water; (b) Bassenthwaite Lake.	(a) Good; (b) filtered.
Skiddaw - -	2,967	3	1	—	—	—	—
Stainburn - -	1,227	270	61	61	Workington T.C. (bulk) -	—	—
Sunderland - -	806	55	13	—	—	Wells & spring -	Spring polluted.
Tallentire - -	1,991	200	48	48	Cockermouth R.D.C. - -	—	—
Underskiddaw - -	5,747	242	55	8	F. Green, Esq. - -	(a) Surface water; (b) wells and springs.	(a) Liable to pollution (b) good.
Whinfell - -	1,747	67	15	—	—	Wells - -	Good.
Winscales - -	975	99	17	—	—	Wells, springs and rivulets.	Doubtful.
Workington Rural -	1,715	248	52	9	Workington T.C. thro' Harrington and D. Jt. Water Committee (bulk).	Do. - -	Do.
Wythop - -	3,353	102	20	—	—	—	—
<b>Longtown R.D.:</b>							
Arthuret - -	12,949	2,255	568	512	Longtown R.D.C. - -	Wells - -	Doubtful and inadequate in parts.
Bellbank - -	1,445	70	13	—	Sir R. J. Graham, Bart.	Wells & springs -	Satisfactory.
Bewcastle - -	28,559	618	149	5	Sir R. J. Graham, Bart., and others.	Do. - -	Doubtful and inadequate in parts.
Hethersgill - -	5,466	530	132	—	—	Do. - -	Doubtful and inadequate in some parts.
Kirkandrews Middle -	4,309	198	48	48	Longtown R.D.C. - -	—	—
Kirkandrews Moat -	1,701	124	34	21	Longtown R.D.C. - -	Wells - -	Good and sufficient.
Kirkandrews Nether -	5,114	280	55	53	Messrs. Dodd - -	Well - -	Fair and ample.
Kirkcubbin Middle -	3,044	331	76	6	Longtown R.D.C. - -	Do. - -	—
Nichol Forest - -	8,493	485	123	9	Messrs. G. G. Kirkcubbin and E. Norman.	Wells - -	Doubtful and inadequate in parts.
Scaleby - -	3,647	330	93	—	Various property owners	Wells & springs	Do. do.
Solport - -	3,236	174	36	12	Captain I. S. Irwin - -	Wells - -	Doubtful in parts; but adequate.
Stapleton - -	4,743	296	76	2	J. Kyle, Esq. - -	Do. - -	Doubtful, but adequate.
Trough - -	2,337	79	22	—	—	Wells & springs	Doubtful and inadequate in parts.
Westlinton - -	3,432	397	95	9	—	Wells - -	Satisfactory, except Trough Head Farm.
<b>Penrith R.D.:</b>							
Ainstable - -	4,433	376	87	57	Longtown R.D.C. - -	Do. - -	Impure and inadequate in parts.
Berrier and Murrab	2,554	91	17	15	Penrith R.D.C. - -	—	—
Bowscale - -	1,261	27	6	—	Do. - -	—	—
Castle Sowerby - -	8,646	609	151	—	—	—	—
Catterlen - -	1,560	119	21	12	Penrith R.D.C. - -	Wells, springs and streams.	Fair and generally adequate.
Croglin - -	7,113	221	59	29	—	—	—
Culgaith - -	2,910	313	67	66	Penrith R.D.C. - -	—	—
Dacre - -	7,395	890	194	130	—	—	—
Edenhall - -	3,431	256	52	35	Sir R. G. Musgrave, Bart.	—	—
Gamblesby - -	5,392	193	49	49	Penrith R.D.C. - -	—	—
Glassonby - -	1,580	144	29	24	—	—	—
Great Salkeld - -	3,707	415	104	86	—	—	—
Greystoke - -	7,510	545	124	63	—	—	—
Hesket - in - the Forest.	16,399	1,872	394	160	—	—	—
Hunsonby and Winskill.	1,687	276	70	50	Do. - -	Wells, springs, and streams.	Fair and generally adequate.
Hutton - in - the Forest.	2,462	234	42	13	—	—	—
Hutton John - -	556	26	4	4	Do. - -	—	—
Hutton Roof - -	2,641	125	27	15	—	—	—
Hutton Soil - -	4,483	334	84	58	—	—	—
Kirkland and Blencarn.	4,064	134	30	27	Do. - -	—	—
Kirkoswald - -	5,739	526	124	82	—	Wells, springs, and streams.	Fair and generally adequate.
Langwathby - -	2,086	349	77	76	—	—	—



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1.	2.	3.	4.	5.	6.	7.	8.		
<b>Cumberland—cont.</b>									
<b>Penrith R.D.—cont.</b>									
Lazonby - - -	8,378	715	148	108	Penrith R.D.C. - - -	Wells, springs, and streams.	Fair and generally ade- quate.		
Little Salkeld - -	1,142	96	23	12					
Matterdale - - -	7,223	249	59	—					
Melmerby - - -	5,358	209	45	43					
Middlecough and Braithwaite.	2,091	117	23	—					
Mosedale - - -	2,421	43	9	—	Penrith R.D.C. - - -	—	—		
Mungrisdale - - -	6,594	169	31	—					
Newton Reigny - -	1,013	148	38	38					
Ousby - - -	7,470	232	54	53					
Plumpton Wall - -	3,052	301	55	30					
Renwick - - -	4,299	205	49	40	Do. - - -	Wells, springs, and streams.	Fair and generally ade- quate.		
Skelton - - -	7,417	611	136	98					
Skirwith - - -	5,251	252	54	37					
Staffield - - -	5,634	197	36	10					
Threlkeld - - -	5,957	521	106	73					
Watermillock - -	9,797	418	95	—	—	Do.	Do.		
<b>Whitehaven R.D.:</b>									
Beckermest St. Bridget.	5,077	684	140	77	Executors of the late T. H. Rymer. Whitehaven R.D.C. - - - Do. do.	Springs & wells	Good and plentiful.		
Beckermest John.	2,941	760	159	118					
Distington - - -	3,065	2,159	407	340	Moresby Coal Co. - - -				
Ennerdale and Kin- nisdale.	22,407	409	82	25	Workington T.C. thro' Har- rington & D. Jt. Water Comtee (bulk).				
Gosforth - - -	7,124	931	218	68	Whitehaven T.C. - - -				
Hale - - -	2,673	259	56	13	Messrs. Ainsworth - - -				
Hensingham - - -	2,249	2,269	486	483	Whitehaven R.D.C. - - -				
Lamplugh - - -	6,343	1,089	232	155	Whitehaven T.C. - - -				
Lowside Quarter - -	1,964	355	81	34	Do. - - -				
Moresby - - -	2,116	1,086	203	141	Arlecdon & Frizington U.D.C.				
Nether Wasdale - -	8,574	150	33	—	Whitehaven R.D.C. - - -				
Parton - - -	63	1,595	310	309	Do. - - -				
Ponsonby - - -	2,429	146	28	12	Whitehaven T.C. (bulk) - -				
Preston Quarter - -	1,265	171	28	19	Whitehaven R.D.C. - - -				
Rottingham - - -	647	64	14	13	Whitehaven T.C. - - -				
St. Bees - - -	2,081	1,436	270	257	Cleator Moor U.D.C. (bulk) -				
Salter and Eskett - -	638	193	34	32	Whitehaven R.D.C. - - -				
Sandwith - - -	1,365	347	69	66	Arlecdon & Frizington U.D.C. through Egremont U.D.C.				
Weddicar - - -	1,151	44	7	—	Whitehaven T.C. (bulk) - -				
<b>Wigton R.D.:</b>									
Aikton - - -	6,178	620	131	—	Aspatria, S. & D. Jt. Water Bd.			Wells - - -	Good, except part of Aikton.
Allhallows - - -	1,692	968	205	190	Do. do. (bulk)				
Allonby - - -	1,350	426	159	159	—	Wells - - -	Generally good except in Blencogo, Bowness, Dundraw, Kirkbride, Langrigg and Mealrigg, Oulton, and part of Westnewton.		
Blencogo - - -	1,778	137	31	—	Aspatria, S. & D. Jt. Water Bd.				
Blennerhasset and Kirkland.	1,262	455	91	25	Do. do. (part in bulk)				
Boltons - - -	8,458	887	190	62	Wigton U.D.C. - - -				
Bowness - - -	11,439	1,088	265	—	—				
Bromfield - - -	3,027	355	79	—	—				
Caldbeck - - -	18,743	821	231	104	Wigton R.D.C. - - -				
Dundraw - - -	2,367	218	49	—	—				
Hayton and Mealo -	1,872	340	74	70	Aspatria, S. & D. Jt. Water Bd. (bulk).				
High Ireby - - -	2,733	94	26	—	—				
Kirkhampton - - -	3,733	391	83	—	—				
Kirkbride - - -	1,692	387	96	—	—				
Langrigg and Meal- rigg.	2,138	281	53	—	—				
Low Ireby - - -	1,199	281	75	69	Wigton R.D.C. - - -				
Oulton - - -	2,882	284	65	—	Aspatria, S. & D. Jt. Water Bd.				
Sebergham - - -	5,555	412	89	—	—				
Thursby - - -	3,140	507	117	—	—				
Torpenhow and Whitrigg.	2,742	270	61	—	—				
Uldale - - -	5,813	236	55	24	Wigton R.D.C. - - -				
Waverton - - -	4,169	422	87	—	—				
Westnewton - - -	2,411	308	72	55	Aspatria, S. & D. Jt. Water Bd. (part in bulk).				
Westward - - -	13,232	862	223	11	Wigton R.D.C. - - -				
Woodside - - -	3,972	333	83	7	Wigton U.D.C. - - -				
					Do. - - -				



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<b>DERBYSHIRE.</b>							
Alfreton U.D.	4,626	19,046	4,118	4,115	Alfreton U.D.C. - - -	Wells - -	Satisfactory.
Alvaston and Boulton U.D.	1,591	1,398	331	87	The Butterley Co. Ltd. - -	Wells & springs	Fairly good and plentiful
Ashbourne U.D.	573	4,059	920	847	Ashbourne U.D.C. - - -	Wells & springs	Fair and adequate.
Bakewell U.D.	3,061	3,078	628	600	Bakewell U.D.C. - - -	(a) Wells & springs; (b) ponds & rain-water; (c) surface water.	(a) Good and adequate (b) fair and adequate (c) doubtful.
Baslow and Bubenell U.D.	5,634	858	194	183	Duke of Rutland - - - Duke of Devonshire - - -	Springs - -	Ample.
Belper U.D.	3,183	11,640	2,486	2,436	Belper U.D.C. - - - G. Herbert Strutt, Esq. - -	Wells - -	Fair.
Bolsover U.D.	4,955	11,214	2,093	1,793	Bolsover and District Water Co. Ltd. (part in bulk). Sheepbridge Coal & Iron Co. Ltd.	Wells & springs	Generally good.
Bonsall U.D.	2,447	1,248	298	268	Bonsall U.D.C. - - -	(a) Springs, rivers & streams; (b) rain-water.	(a) Satisfactory and sufficient; (b) doubtful.
Brampton and Walton U.D.	9,734	2,125	485	215	Chesterfield Gas & Water Bd.	Wells, springs, streams and rain-water.	Satisfactory.
Buxton U.D.	1,310	10,024	1,843	1,843	Buxton U.D.C. - - -	—	—
Chesterfield B.	2,643	37,406	7,609	7,609	Chesterfield Gas & Water Bd.	—	—
Clay Cross U.D.	1,467	8,365	1,733	1,704	Clay Cross U.D.C. - - -	Wells & springs	Fairly good and adequate
Derby C.B.	5,272	123,410	27,405	27,355	Derwent Valley Water Bd. (bulk). Derby T.C. - - -	Wells - -	Not very good.
Dronfield U.D.	1,045	3,943	931	930	Chesterfield R.D.C. (bulk) - -	Do. - -	Satisfactory.
Fairfield U.D.	3,457	4,114	865	843	Fairfield U.D.C. - - - Chapel en le Frith R.D.C. - -	Springs - -	Good and ample.
Glossop B.	3,052	21,688	5,169	5,080	Glossop T.C. - - - Lord Howard of Glossop - -	Wells & springs	Fairly good.
Heage U.D.	2,367	3,474	722	682	Whitfield Wells Water Co. - - Belper U.D.C. (bulk) - -	Do. - -	Generally good and sufficient.
Heanor U.D.	3,509	19,851	4,164	4,130	Ilkeston & Heanor Water Bd. (bulk).	Wells, springs, and rain-water.	Fair and sufficient.
Ilkeston B.	2,526	31,657	6,418	6,396	Ilkeston and Heanor Water Bd. (bulk).	Wells - -	Satisfactory.
Long Eaton U.D.	2,099	19,207	4,111	4,094	Long Eaton U.D.C. - - -	Do. - -	Ample.
Matlock U.D.	4,205	6,745	1,406	1,276	Matlock U.D.C. - - -	Wells & springs	Generally satisfactory.
Matlock Bath and Scarthin Nick U.D.	335	1,802	420	406	Matlock Bath and Scarthin Nick U.D.C. - - -	Springs - -	Satisfactory and generally adequate.
New Mills U.D.	5,204	8,998	2,027	1,832	New Mills U.D.C. - - - J. Moul, Esq. - - - W. Jowett, Esq. - - -	Wells & springs	Satisfactory and adequate
North Darley U.D.	5,142	3,317	696	567	North Darley U.D.C. - - - Duke of Rutland - - - Derwent Valley W.Bd. (bulk)	(a) Wells; (b) springs. (a) Wells and springs; (b) rain-water.	(a) Liable to pollution (b) good. (a) Satisfactory.
Ripley U.D.	2,815	11,848	2,506	2,206	Ripley U.D.C. - - - The Butterley Co., Ltd. (bulk)	Wells, springs & rain-water.	Satisfactory and fairly adequate.
South Darley U.D.	2,008	809	192	164	South Darley U.D.C. - - -	Wells, springs & rain-water.	—
Swadlincote District U.D.	3,670	18,674	3,858	3,858	Swadlincote and Ashby de la Zouch Jt. Water Committee.	Wells & springs	—
Whittington and Newbold U.D.	4,179	17,213	3,536	3,508	Chesterfield Gas & Water Bd.	Wells & springs	—
Wirksworth U.D.	3,027	3,888	958	873	Wirksworth U.D.C. - - -	Wells, springs & rain-water.	Satisfactory.
<b>Ashbourne R.D.:</b>							
Alkmonton - -	715	67	14	—	—	Wells - -	—
Atlow - -	1,277	118	23	—	—	Wells & springs	—
Ballidon - -	1,947	86	14	—	—	Wells - -	—
Biggin - -	643	94	27	—	—	Wells & springs	—
Bradbourne - -	1,445	134	30	—	—	—	—
Bradley - -	2,423	191	47	—	—	—	—
Brailsford - -	4,366	644	139	22	G. Herbert Strutt, Esq. - -	—	Good.
Brassington - -	4,222	638	156	—	—	Wells - -	—
Callow - -	1,259	79	13	—	—	—	—
Carsington - -	1,141	181	40	—	—	—	—
Clifton & Compton - -	967	570	129	22	J. H. Smith, Esq. - - -	—	—
Eaton and Alsop - -	1,527	69	11	6	Lord Hindlip - - -	—	—
Edlaston & Wyaston - -	1,379	196	44	—	—	Wells & rainwater	—
Fenny Bentley - -	1,038	201	50	—	—	Wells & springs	Good and adequate.
Hartington, Nether Quarter. - -	3,898	374	82	—	—	Wells & rainwater	Good.
Hartington, Town Quarter. - -	3,394	400	97	—	—	—	—
Hognaston - -	1,410	225	63	—	—	—	—
Hollington - -	1,034	172	42	18	W. Hall, Esq. - - -	Wells - -	Good.
Hopton and Griff Grange. - -	1,450	85	19	13	Lieut. Col. H. A. Chandos Pole Gell - - -	—	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Derbyshire—cont.</b>							
<b>Ashbourne R.D.—</b>							
<i>cont.</i>							
Hulland - - -	1,080	198	45	—	—	Wells & springs	Doubtful and occasion-
Hulland Ward - -	2,040	333	84	—	—	Wells - - -	ally inadequate.
Hulland Ward	451	25	5	—	—	Wells & spring	Good and adequate.
Intakes.							
Hungry Bentley -	1,086	67	11	—	—	Do.	Do.
Ible - - -	424	47	13	—	—	Rainwater and	Good and adequate.
						springs.	
Kirk Ireton - - -	1,952	452	112	100	Ashbourne R.D.C. - -	Wells - - -	Good, but occasionally in-
Kniveton - - -	2,077	268	61	—	—	Do. - - -	adequate.
Lea Hall - - -	455	27	3	—	—	Spring - - -	Good and adequate.
Longford - - -	3,006	302	67	—	—	Wells - - -	Good.
Mapleton - - -	809	182	40	—	—	Do. - - -	Occasionally inadequate.
Mercaston - - -	1,158	89	16	—	—	Spring - - -	
Middleton - by -	991	989	249	240	Ashbourne R.D.C. - -	Wells & rainwater	Fair.
Wirksworth.						Wells - - -	Good, and adequate.
Newton Grange -	1,414	63	11	5	Lord Hindlip - - -	Wells & rainwater	Good.
Offcote & Underwood	1,606	254	50	—	—	Wells - - -	Good.
Osmaston - - -	1,268	291	66	—	—	Wells and spring	Good.
Parwich - - -	3,264	517	105	—	—	Wells - - -	Fair.
Rodley - - -	820	122	27	—	—	Do. - - -	
Shirley - - -	1,630	221	55	—	—	Wells - - -	
Snelston - - -	2,175	290	63	—	—	Wells and spring	
Sturston - - -	824	209	40	—	—	Wells - - -	
Thorpe - - -	1,125	178	42	10	Messrs. Marston, Thompson & Evershed, Ltd.	Do. - - -	Fair.
Tissington - - -	2,307	266	60	20	Sir H. M. FitzHerbert, Bart. -	Do. - - -	Good, and adequate.
Yeaveley - - -	1,378	205	39	—	—	Do. - - -	
Yeldersley - - -	1,505	172	30	—	—	Do. - - -	
<b>Bakewell R.D.:</b>							
Abney and Abney	1,350	55	14	—	—	Springs - - -	Very good and adequate.
Grange.							
Aldwark - - -	967	37	8	—	—	Springs and rain-	Good, but moderate.
						water.	
Ashford - - -	2,554	703	173	152	Bakewell R.D.C. - - -	Wells and meres	Good and fairly adequate.
Beeley - - -	3,237	313	65	—	—	Springs - - -	Very good and adequate.
Birchover - - -	761	99	25	—	—	Springs & wells	Good, but limited.
Blackwell - - -	1,083	61	8	—	—	Springs - - -	Good and fairly adequate.
Bradwell - - -	2,174	1,325	390	370	Bakewell R.D.C. - - -	Do. - - -	Good and abundant.
Brushfield - - -	649	20	4	—	—	Do. - - -	Hard, but fairly adequate.
Calver - - -	775	386	96	96	Bakewell R.D.C. - - -	Do. - - -	
Chatsworth - - -	1,292	70	12	—	—	Spring - - -	Good and adequate.
Chelmorton - - -	2,028	372	82	82	Bakewell R.D.C. - - -	Do. - - -	
Cromford - - -	1,324	1,015	234	234	F. C. Arkwright, Esq. - - -	Do. - - -	
Curbar - - -	1,153	300	72	72	Duke of Rutland - - -	Do. - - -	
Edensor - - -	2,336	224	57	36	Duke of Devonshire - - -	Wells, rainwater, and meres.	Good and adequate.
Elton - - -	1,464	440	125	—	—	Wells & springs	Fairly good and adequate.
Eyam - - -	2,543	1,224	332	36	Bakewell R.D.C. - - -	Springs and sur- face water.	Good, but inadequate.
Eyam Woodlands -	1,020	403	122	100	Do. - - -	Do. do.	Good and fairly adequate.
Fiagg - - -	1,805	219	44	—	—	Wells & old mine	Mine hard & inadequate.
Foolow - - -	978	130	48	—	—	Wells, springs and rainwater.	Good and fairly adequate.
Froggatt - - -	446	89	22	22	Bakewell R.D.C. - - -	Do. - - -	
Gratton - - -	910	30	6	—	—	Do. - - -	
Great Hucklow -	1,113	118	41	—	—	Springs - - -	Good and adequate.
Great Longstone -	2,934	501	127	115	Bakewell R.D.C. - - -	Meres, wells, and rainwater.	Good and fairly adequate.
Great Rowsley -	700	335	71	71	Duke of Rutland - - -	Do. - - -	
Grindlow - - -	296	29	14	—	—	Springs - - -	Hard, but adequate.
Hartbill - - -	920	64	14	—	—	Do. - - -	Good and adequate.
Hartington, Middle Quarter.	5,049	437	93	—	—	Wells and meres	
Hassop - - -	1,363	99	21	21	C. S. Leslie, Esq. - - - Bakewell R.D.C. - - -	Do. - - -	
Hathersage - - -	3,419	1,624	407	268	A. A. Shuttleworth, Esq. -	Streams & wells	Good and adequate.
Hazlebadge - - -	822	44	10	—	—	Springs - - -	Good and plentiful.
Highlow - - -	421	44	10	—	—	Do. - - -	Excellent and adequate.
Ivonbrook Grange -	417	28	6	—	—	Do. - - -	Good & generally adequate.
Little Hucklow -	590	140	42	—	—	Wells & springs	Good and fairly adequate.
Little Longstone -	1,038	126	29	26	Bakewell R.D.C. - - -	Meres, wells and rainwater.	
Litton - - -	1,640	867	209	80	Tideswell Water Committee -	Streams & wells	Good and adequate.
Middleton & Smerrill	2,956	191	41	—	—	Springs - - -	Hard, but adequate.
Monyash - - -	3,146	341	92	—	—	Do. - - -	Good and ample.
Nether Haddon -	1,499	34	5	—	—	Do. - - -	
Nether Padley -	308	108	19	—	—	Springs at Frog- gatt Edge.	
Offerton - - -	621	20	5	—	—	Springs - - -	Good and adequate.
Outcote - - -	4,315	258	78	30	A. A. Shuttleworth, Esq. -	Springs & wells	
Over Haddon - - -	1,513	228	51	—	—	Springs and Lathkill River.	
Pilsley - - -	465	195	51	51	Duke of Devonshire - - -	Do. - - -	
Rowland - - -	303	46	12	12	Bakewell R.D.C. - - -	Do. - - -	
Sheldon - - -	1,070	128	30	27	Do. - - -	Meres, surface and rain water.	Good and adequate.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Derbyshire—cont.</b>							
<b>Bakewell R.D.—</b>							
<i>cont.</i>							
Stanton - - -	1,928	896	210	—	—	Springs, wells & surface water.	Good and adequate.
Stoke - - -	512	60	18	12	M. J. Hunter, Esq. - - -	Meres, wells and rain water.	
Stony Middleton -	1,181	508	121	106	Bakewell R.D.C. - - -	Do. do.	Good and fairly adequate.
Taddington - - -	3,098	370	97	89	Do. - - -	Meres, surface & rain water.	Good and adequate.
Tansley - - -	1,137	781	182	147	Do. - - -	Springs and rain-water.	Good and abundant.
Tideswell - - -	3,231	1,985	506	461	Tideswell Water Committee -	Streams & wells	Good and adequate.
Wardlow - - -	626	138	26	—	—	Springs, wells, rainwater & meres	
Wheston - - -	1,322	51	12	—	—	Rainwater -	Sufficient.
Winster - - -	1,123	791	212	198	Winster Water Committee -	Springs -	Very good & abundant.
Youghreave - - -	2,398	1,157	272	240	Duke of Rutland - - -	Meres, wells and rainwater.	Good and adequate.
<b>Belper R.D.:</b>							
Alderwasley - - -	3,156	368	78	—	—	Wells - - -	Satisfactory.
Allestree - - -	1,163	569	138	—	—	—	
Ashleyhay - - -	1,393	170	44	—	—	—	Satisfactory.
Crich - - -	3,531	3,070	725	570	Belper R.D.C. - - -	Springs & wells	
Darley Abbey - -	368	870	200	176	J. B. M. Smedley, Esq. (bulk)	Wells - - -	Satisfactory.
					Derby T.C. - - -		
Denby - - -	2,437	1,791	357	320	Exors. of the late W. Evans	Springs & wells	(a) Good and adequate; (b) good, but inadequate.
Dethick, Lea and Holloway. - - -	2,038	1,332	322	257	Belper U.D.C. (bulk) - - -		
Duffield - - -	2,310	2,136	549	518	J. B. M. Smedley, Esq. (bulk)	Wells - - -	(a) Good and adequate; (b) good, but inadequate.
Hazlewood - - -	1,232	341	92	—	Duffield Parochial Committee	(a) Spring and (b) Wells.	
Holbrook - - -	887	1,261	272	246	Belper U.D.C. (bulk) - - -	Wells - - -	Satisfactory.
Horsley - - -	1,296	347	76	70	Do. - - -		
Horsley Woodhouse	627	1,324	282	230	Do. - - -	Wells - - -	Satisfactory.
Idridgehay & Alton	1,552	297	70	—	—		
Kedleston - - -	959	101	22	—	—	Wells - - -	Satisfactory.
Kilbourne - - -	905	1,672	370	330	Belper U.D.C. (bulk) - - -		
Kirk Langley - -	2,552	527	123	—	—	Do. - - -	Satisfactory, but inadequate.
Mackworth - - -	1,407	218	44	—	—		
Mapperley - - -	982	417	90	56	E. M. Mundy, Esq. - - -	Do. - - -	Satisfactory.
Markeaton - - -	1,866	179	34	—	—	Do. - - -	Satisfactory, but inadequate.
Milford - - -	1,111	1,161	267	182	Duffield Parochial Comtee. -	Do. - - -	Satisfactory.
Morley - - -	1,853	358	72	—	Belper U.D.C. (bulk) - - -	Do. - - -	Satisfactory, but inadequate.
Pentrich - - -	1,256	290	56	43	J. B. M. Smedley, Esq. (bulk)	Do. - - -	Satisfactory.
Quarnston - - -	803	432	107	54	Lord Scarsdale - - -		
Ravensdale Park -	635	52	8	—	—	Do. - - -	Satisfactory.
Shottle and Postern	3,808	410	81	—	—		
Smalley - - -	1,718	1,402	279	250	Belper U.D.C. (bulk) - - -	Do. - - -	Satisfactory, but insufficient.
South Wingfield -	3,364	1,647	343	291	J. B. M. Smedley, Esq. (bulk)		
Turnditch - - -	812	270	72	—	—	Do. - - -	Satisfactory.
Weston Underwood	3,178	362	82	—	—	Do. - - -	Satisfactory.
Windley - - -	1,158	212	42	—	—	Do. - - -	Satisfactory.
<b>Blackwell R.D.:</b>							
Ault Hucknall - - -	4,428	1,953	374	220	Sheepbridge Coal & Iron Co., Ltd	Wells - - -	Doubtful.
Blackwell - - -	1,738	4,662	907	895	Sutton in Ashfield U.D.C. (bulk)		
Glapwell - - -	774	93	19	—	Mansfield T.C. (bulk) - - -	Wells - - -	Doubtful.
Pinxton - - -	1,253	5,105	1,042	971	Pinxton Collieries, Ltd. - -		
Pleasley - - -	1,807	2,416	442	434	Basford R.D.C. (bulk) - -	Wells - - -	Doubtful.
					Mansfield T.C. (bulk) - -		
Searcliffe - - -	3,954	2,882	545	339	Mansfield T.C. thro' Mansfield Woodhouse U.D.C. -	Wells - - -	Doubtful.
					F. W. Verney, Esq. - - -		
Shirebrook - - -	1,468	11,116	1,983	1,947	Duke of Devonshire - - -	Wells - - -	Doubtful.
					Bolsover & Dist. Water Co., Ltd.		
South Normanton -	1,934	6,511	1,271	1,233	Sheepbridge Coal & Iron Co. Ltd.	Wells & springs	Fairly good and adequate.
Tibshelf - - -	2,371	3,926	759	749	Messrs. W. & S. Burkitt -		
Upper Langwith -	1,510	642	110	77	Shirebrook Colliery Co. (part in bulk).	Do.	Liable to pollution and inadequate in summer.
<b>Chapel en le Frith R.D.:</b>							
Aston - - -	710	76	22	—	Sutton in Ashfield U.D.C. (bulk)	Do.	Fairly good and adequate.
Bamford - - -	1,770	989	220	180	Mansfield T.C. (bulk) - -		
Brough and Shatton	1,040	73	18	—	Bolsover & Dist. Water Co., Ltd.	Do.	Fairly good and adequate.
Castleton - - -	2,910	581	160	130	Messrs. W. & S. Burkitt -		
Chapel en le Frith	9,752	5,140	1,200	935	Castleton (Derbys.) Waterworks Co.	Do.	Fairly good and adequate.
Chinley, Bugsworth and Brownside.	3,831	1,761	430	321	Chapel en le Frith R.D.C. -		
Derwent - - -	3,526	273	45	—	Do. do. - - -	Do.	Fairly good and adequate.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
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1.	2.	3.	4.	5.	6.	7.	8.		
<b>Derbyshire—cont.</b>									
<b>Chapel en le Frith R.D.—cont.</b>									
Edale - - -	7,043	451	110	35	Midland Railway Co. - - -	Wells & springs	Fairly good and adequate.		
Fernilee - - -	2,763	1,588	370	343	{ Buxton U.D.C. - - -				
Hartington, Upper Quarter. - - -	9,983	1,710	336	101	{ Chapel en le Frith R.D.C. - -	Springs, meres & rain water.	Generally bad and inade- quate in summer.		
Hope - - -	2,849	579	154	110	{ Buxton U.D.C. - - -				
Hope Woodlands -	20,614	1,078	138	96	Chapel en le Frith R.D.C. -	Wells & springs	Fairly good and adequate.		
Kingsterndale -	1,369	178	35	—	Derwent Valley Water Board (bulk).				
Peak Forest - - -	5,299	433	102	—	—	Wells, springs & rain water.	Generally bad and inade- quate in summer.		
Thornhill - - -	610	152	35	—	—	Wells - - -	Liable to pollution and distant from houses.		
Wormhill - - -	4,654	1,495	320	169	Chapel en le Frith R.D.C. -	Wells & springs	Fairly good and adequate.		
<b>Chesterfield R.D.:</b>									
Ashover - - -	9,564	2,396	556	121	{ Chesterfield R.D.C. - - -	Wells & springs	Satisfactory.		
Barlow - - -	3,932	882	201	108					
Beighton - - -	3,137	4,748	1,136	1,090	{ Alfreton U.D.C. - - -	Do.	Unsatisfactory.		
Brackenfield - -	1,551	327	68	2					
Brimington - - -	1,343	5,299	1,228	1,162	Chesterfield Gas & Water Bd.	Do.	Satisfactory.		
Calow - - -	1,267	1,166	249	7	Do.				
Coal Aston - - -	1,535	655	157	140	{ Chesterfield R.D.C. - - -	Do.	Satisfactory.		
Dronfield Wood- house. - - -	1,544	831	208	195					
Eckington - - -	7,125	12,164	2,600	2,537	{ Chesterfield Gas & Water Board	—	—		
Hasland - - -	1,092	3,372	679	679					
Heath - - -	1,676	2,132	376	292	{ Chesterfield R.D.C. - - -	Wells & springs	Satisfactory.		
Holmesfield - - -	4,699	484	124	69					
Killamarsh - - -	1,662	4,544	976	955	{ Chesterfield R.D.C. - - -	Wells & springs	Satisfactory.		
Morton - - -	1,125	989	246	220					
North Wingfield -	1,551	4,667	950	889	{ Chesterfield R.D.C. - - -	Do.	—		
Pilsley - - -	1,493	2,746	591	543					
Shirland & Higham	2,956	4,126	827	792	{ Do.	—	—		
Staveley - - -	6,872	12,018	2,375	2,356					
Stretton - - -	1,574	640	135	65	{ Chesterfield Gas & Water Board	Wells & springs	Satisfactory.		
Sutton cum Duck- manton. - - -	4,369	1,475	265	265					
Tapton - - -	699	441	92	57	{ Chesterfield Gas & Water Board	Do.	—		
Temple Normanton	520	717	142	103					
Tupton - - -	735	2,010	423	423	{ Staveley Coal & Iron Co., Ltd.	Wells & springs	Satisfactory.		
Unstone - - -	2,003	2,117	501	466					
Wessington - - -	973	714	134	27	{ Chesterfield R.D.C. - - -	Do.	—		
Wingerworth - -	2,958	354	76	49					
Woodthorpe - - -	1,031	263	53	43	Chesterfield Gas & Water Board	{ Chesterfield R.D.C. - - -	Satisfactory.		
<b>Clowne R.D.:</b>									
Barlborough - - -	3,454	2,080	433	205	{ Wigan Coal & Iron Co., Ltd. (bulk)	Wells & spring -	{ Not satisfactory.		
Clowne - - -	1,913	6,037	1,213	639					
Elmton - - -	2,830	5,361	1,071	965	{ J. H. Eastwood, Esq. - - -	Wells - - -	{ Doubtful, but fairly adequate.		
					{ Duke of Portland - - -				
Whitwell - - -	5,231	4,366	890	464	{ Wigan Coal & Iron Co., Ltd. (bulk)	Do. - - -	{ Fairly good and plentiful, except at Baxton Moor.		
					{ H. S. Hodding, Esq.; J. Mink- ley, Esq.; Duke of Portland; Wigan Coal & Iron Co., Ltd. (bulk).				
<b>Glossop Dale R.D.:</b>									
Charlesworth - -	15,380	1,919	502	429	{ Lord Howard of Glossop - -	Wells & springs	Good and sufficient.		
Chisworth - - -	865	364	97	80					
Ludworth - - -	1,646	1,726	460	448	{ Do.	{ Calico Printers' Association	{		
<b>Hartshorn and Seals R.D.:</b>									
Calke - - -	682	54	12	—	—	{ Swadlincote and Ashby de la Zouch Joint Water Committee	{ Satisfactory.		
Hartshorn - - -	2,626	1,384	305	143	{ Hartshorn and Seals R.D.C.				
Netherseal - - -	2,612	704	177	—	—	Do.	Do.		
Overseal - - -	1,182	1,809	406	30	{ Moira Colliery Co., Ltd. - -	Do.	{ Generally satisfactory.		
Smisby - - -	1,270	319	76	—					
The Boundary - -	4	64	15	—	—	Wells - - -	{ Unsatisfactory.		
* Ticknall - - -	2,639	734	206	—	—				
Woodville - - -	464	2,871	628	592	Swadlincote, &c., Jt. Water Committee (bulk).	Do.	Satisfactory.		
<b>Hayfield R.D.:</b>									
Hayfield - - -	7,920	3,459	707	553	{ Hayfield R.D.C. - - -	Wells & springs	Fairly good.		
Mellor - - -	2,362	1,711	496	338					
				{ Trustees of the late F. J. Sumner. F. C. Arkwright, Esq.; W. Jowett, Esq.; J. Moulton, Esq.; A. Potts, Esq.; Exe- cutors of the late J. Wild					
<b>Norton R.D.:</b>									
Beauchief - - -	439	43	6	3	{ Sheffield T.C. - - -	Do.	Variable.		
Dore - - -	3,603	1,656	391	381					
Norton - - -	2,844	1,256	312	270	{ Norton R.D.C. - - -	{ Sheffield T.C. - - -	{		
Totley - - -	1,852	964	244	240	{ Do.				

\* Ticknall.—Hartshorn and Seals R.D.C. are about to supply.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Derbyshire—cont.</b>							
<b>Repton R.D. :</b>							
Ash - - -	703	77	13	—	—	Wells - -	Fair and ample.
Barton Blount - -	1,201	47	8	—	—		
Bearwardcote - -	463	43	7	—	—		
Bretby - - -	2,317	414	92	74	Swadlincote, &c. Jt. Water Committee. Earl of Carnarvon - - South Staffs. Water Works Co. Burton upon Trent T.C. - -		
Burnaston - - -	979	239	54	7	—		
Caldwell - - -	1,055	150	29	—	—		
Castle Gresley - -	614	1,353	285	—	—		
Catton - - -	1,099	111	21	—	—		
Church Broughton -	2,216	451	107	—	—		
Coton in the Elms -	1,192	498	107	—	—		
Dalbury Lees - -	1,192	142	32	—	—		
Drakelow - - -	1,884	99	20	2	South Staffs. Water Works Co.		
Egginton - - -	2,406	431	96	9	Burton upon Trent T.C. - -		
Etwell - - -	2,081	694	171	11	Do. - -		
Findern - - -	1,679	360	87	—	—		
Foremark - - -	1,207	57	13	—	—		
Foston and Scropton	2,850	636	146	—	—		
Hatton - - -	874	900	203	—	—		
Hilton - - -	1,835	816	197	—	—		
Hoon - - -	789	52	9	—	—		
Ingleby - - -	925	84	20	—	—		
Linton - - -	966	1,103	219	67	Swadlincote, &c. Jt. Water Committee.	Wells - -	Fair and ample.
Lullington - - -	1,822	226	47	—	—		
Marston on Dove - -	1,009	87	16	—	—		
Mickleover - - -	2,422	2,389	376	15	Derby T.C. - - -		
Newton Solney - -	1,865	476	110	—	—		
Olestone and Thurstaston.	1,745	298	67	—	—		
Radbourne - - -	2,183	191	42	—	—		
Repton - - -	4,042	1,858	341	64	Swadlincote, &c. Jt. Water Committee; The Governors of Sir John Port's Charity.		
Rosliston - - -	1,220	418	93	—	—		
Sutton on the Hill -	880	112	24	—	—		
Trusley - - -	1,086	113	20	—	—		
Twyford and Stenson	1,770	167	36	—	—		
Walton upon Trent	2,377	100	93	—	—		
Willington - - -	1,325	641	155	—	—		
<b>Shardlow R.D. :</b>							
Aston upon Trent -	1,899	525	135	—	—		
Barrow upon Trent	1,204	231	64	—	—		
Breadsall - - -	2,441	524	129	36	Derby T.C. - - -		
Breaston - - -	1,493	1,260	315	—	—		
Chaddesden - - -	2,077	571	122	—	—		
Chellaston - - -	851	795	206	—	—		
Dale Abbey - - -	1,599	396	89	4	Mapperley Colliery Co. Ltd. -	Wells - -	Good.
Derby Hills - - -	323	32	8	—	—		
Draycott and Church Wilne.	1,452	2,218	545	—	—		
Elvaston - - -	2,655	463	112	—	—		
Hopwell - - -	617	36	8	—	—		
Kirk Hallam - - -	755	103	18	—	—		
Little Eaton - - -	573	1,058	269	129	Derby T.C. - - -	Do. - -	Fair.
Littleover - - -	1,465	1,385	388	288	Do. - - -	Do. - -	Good.
Melbourne - - -	3,506	3,722	916	714	Long Eaton U.D.C. (bulk) -	Do. - -	Fair.
Normanton - - -	984	565	163	83	Derby F.C. - - -		
Ockbrook - - -	1,853	2,807	694	—	—	Wells - -	Good.
Risley - - -	1,152	269	68	—	—		
Sandiacre - - -	1,224	3,317	849	501	Stapleford & Sandiacre Water Co. Ltd.	Wells - -	Fair.
Sawley and Wils- thorpe.	1,860	3,288	780	50	—		
Shardlow and Great Wilne.	1,204	1,001	207	1	Long Eaton U.D.C. (bulk) -	Do. - -	Good.
Sinfin and Arleston	810	35	8	—	—		
Sinfin Moor - - -	1,151	59	12	—	—		
Spondon - - -	2,859	2,787	701	136	Derby T.C. - - -	Do. - -	Fair.
Stanley - - -	1,129	1,435	302	279	Mapperley Colliery Co., Ltd. -	Do. - -	Not satisfactory.
Stanton by Bridge -	1,433	133	30	20	Long Eaton U.D.C. (bulk) -		
Stanton by Dale - -	1,462	661	146	96	Ilkeston, Heanor Water Bd., thru' Ilkeston T.C.	Do. - -	Good.
Swarkeston - - -	996	166	42	—	—		
West Hallam - - -	1,360	728	162	146	Mapperley Colliery Co., Ltd. -	Do. - -	Not satisfactory.
Weston upon Trent	1,971	330	81	—	—	Do. - -	Good.
<b>Sudbury R.D. :</b>							
Boyleston - - -	1,361	231	38	—	—		
Cubley - - -	2,388	276	53	—	—		
Doveridge - - -	4,466	811	163	12	Lord Vernon - - - Uttoxeter U.D.C. - - -		
Marston Montgo- mery.	2,475	383	69	—	—	Wells and springs.	Good.
Norbury and Roston	2,298	350	76	—	—		
Somershall Herbert	672	85	18	—	—		
Sudbury - - -	2,639	547	103	64	Lord Vernon - - -		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>DEVONSHIRE.</b>							
Ashburton U.D.	6,963	2,494	594	494	Ashburton U.D.C.	Wells & springs	Generally good and satis- factory.
Bampton U.D.	7,799	1,572	359	218	Bampton U.D.C.	Wells	Good and ample.
Barnstaple B.	2,235	14,485	3,404	3,380	Barnstaple Water Co.	Wells & springs	Satisfactory and adequate.
Bideford B.	3,416	9,078	1,927	1,882	Bideford T.C.	Wells	Good.
Brixham U.D.	5,626	7,954	1,854	1,751	Brixham U.D.C. & Paignton U.D.C. (bulk).	(a) Wells, (b) springs.	(a) Not satisfactory, (b) good.
Buckfastleigh U.D.	1,365	2,430	590	540	Buckfastleigh U.D.C.	Wells & springs	Satisfactory.
Budleigh Salter- ton U.D.	975	2,170	513	473	Budleigh Salterton U.D.C.	Wells	Do.
Crediton U.D.	1,087	3,640	935	930	Crediton U.D.C.	Do.	Good.
Dartmouth B.	1,925	7,005	1,290	1,268	Dartmouth T.C.	Springs & wells	Good and ample.
Dawlish U.D.	1,486	4,099	987	948	Trustees of St. Petrox Trust Lands.	Wells & springs	Good and adequate.
Devonport C.B.	3,152	81,678	9,927	9,927	Dawlish U.D.C.	Wells & springs	Good and adequate.
East Stonehouse U.D.	193	13,748	1,481	1,481	Devonport T.C.	—	—
*Exeter C.B.	4,728	59,664	12,783	12,740	Plymouth T.C.	—	—
Exmouth U.D.	4,630	11,962	2,751	2,731	Plymouth T.C. (bulk)	Wells	Fair.
Great Torrington B.	3,592	3,041	705	639	Exmouth U.D.C.	Wells & stream	Satisfactory.
Holsworthy U.D.	703	1,499	305	232	Great Torrington T.C.	Wells	Poor and inadequate.
Honiton B.	3,134	3,191	733	668	Holsworthy U.D.C.	Wells & springs	Good and generally suffi- cient.
Ilfracombe U.D.	5,627	8,935	2,069	1,986	Honiton T.C.	Wells & springs	Good.
Ivybridge U.D.	651	1,730	380	368	Ilfracombe U.D.C.	Wells, springs, & rain-water.	Good.
Kingsbridge U.D.	1,046	3,049	705	620	Ivybridge U.D.C.	Wells	Satisfactory.
Lynton U.D.	7,202	1,770	411	321	Miss Deane	Wells	Satisfactory.
Newton Abbot U.D.	4,153	13,711	5,071	3,007	J. J. MacAndrew, Esq.	Wells & springs	Good.
Northern U.D.	3,088	5,500	1,252	1,102	Kingsbridge U.D.C.	Wells & springs	Fairly satisfactory.
Okehampton B.	503	3,174	627	624	Lynton U.D.C. (works leased from Lynton Water Co.).	Do.	Satisfactory.
Ottery St. Mary U.D.	10,008	3,699	909	549	Torquay T.C.	Wells	Satisfactory and adequate.
Paignton U.D.	5,188	11,241	2,500	2,421	Okhampton T.C.	(a) Wells and springs; (b) rivers & streams.	(a) Satisfactory and suffi- cient, (b) Doubtful.
Plymouth C.B.	2,374	112,030	16,507	16,507	Ottery St. Mary U.D.C.	Wells	Generally good.
Salcombe U.D.	1,181	2,032	487	437	Paignton U.D.C.	Wells	Good.
Seaton U.D.	1,178	1,694	358	338	Plymouth T.C.	Wells & springs	Satisfactory.
Sidmouth U.D.	1,572	5,612	1,162	1,007	Salcombe U.D.C.	Wells	Do.
South Molton B.	5,910	2,742	702	702	Lord Clinton (part in bulk)	Wells & springs	Satisfactory.
Tavistock U.D.	1,562	4,392	881	849	Sidmouth Water Co.	Wells & springs	Do.
Teignmouth U.D.	1,589	9,215	2,134	2,134	South Molton T.C.	Wells & springs	Satisfactory and adequate.
Tiverton B.	17,679	10,205	2,437	2,044	Tavistock U.D.C.	Wells & springs	Good and adequate.
Torquay B.	3,906	38,771	7,423	7,416	Teignmouth U.D.C. & Paignton U.D.C. (bulk).	Wells	Fair.
Totnes B.	1,422	4,128	856	850	Tiverton T.C.	Wells & springs	Satisfactory.
<b>Axminster R.D.:</b>							
Axminster	6,867	3,009	581	512	Torquay T.C.	Do.	Satisfactory.
Axmouth	4,245	595	129	42	Totnes T.C.	Wells	Satisfactory.
Beer	1,735	1,125	245	245	Axminster R.D.C.	Wells	Satisfactory.
Chardstock	5,362	1,033	200	—	Lord Clinton	—	—
Colyton	6,368	1,948	389	320	The Feoffees of Colyton	Wells	Doubtful and inadequate.
Combpyne	791	104	21	—	—	Wells	Do.
Dalwood	1,755	361	69	20	Axminster R.D.C.	Do.	Satisfactory.
Hawkechurch	4,088	524	93	—	—	Wells & springs	Doubtful and inadequate.
Kilmington	1,797	527	105	—	—	Wells	Satisfactory.
Membury	4,394	644	127	16	Axminster R.D.C.	Wells & springs	Satisfactory.
Musbury	2,229	410	85	37	Do.	Wells & springs	—
Rousdon	255	83	10	10	Sir W. Peck, Bart.	Wells	Satisfactory.
Shute	2,739	440	93	—	—	Wells & springs	Doubtful and inadequate.
Stockland	5,918	702	155	—	—	Wells	Satisfactory.
Uplyme	3,584	833	165	54	Axminster R.D.C.	Wells	Satisfactory.
<b>Barnstaple R.D.:</b>							
Arlington	2,590	197	44	—	—	Springs	Fair and sufficient.
Ashford	367	120	26	—	—	Wells	—
Atherington	3,337	487	103	—	—	Wells	—
Berrynarbor	4,982	594	144	109	Mrs. H. M. Basset	Wells	—
Bishop's Tawton	3,879	780	213	143	Barnstaple R.D.C.	Springs	Good.
Bittadon	1,050	49	11	—	Barnstaple Water Co.	Upland surface	Fair and sufficient.
Bratton Fleming	5,893	480	121	—	—	(a) Springs; (b) wells;	(a) Good; (b) fair.
Braunton	10,355	2,328	597	375	Barnstaple R.D.C. Exors. of the late W. L. Christie.	(a) Springs; (b) wells;	(a) Good; (b) fair.

\* Exeter C.B.—As extended from 9th November 1913.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Devonshire—cont.</b>							
<b>Barnstaple R.D.—</b>							
<i>cont.</i>							
Brendon - - -	6,780	251	50	—	—	Springs - - -	Fair and sufficient.
Challacombe - -	5,499	197	45	—	—	Wells - - -	Fair, but inadequate.
Combe Martin - -	3,670	1,733	387	—	—	Springs - - -	Fair and sufficient.
Countisbury - -	2,958	302	65	45	Lynton U.D.C. - - -	Do. - - -	Good.
East Down - - -	3,677	275	76	—	—	Springs - - -	Doubtful, but ample.
Fremington - - -	6,119	1,200	266	43	Barnstaple Water Co. - -	Do. - - -	Fair and sufficient.
Georgeham - - -	4,056	755	166	—	—	Springs - - -	Good.
Goodleigh - - -	1,167	255	56	—	—	Do. - - -	Fair and sufficient.
Heanton Panchardon.	2,447	441	89	—	—	Wells - - -	Fair and sufficient.
High Bray - - -	4,013	215	43	—	—	Springs - - -	Good.
Horwood - - -	875	119	26	—	—	Wells - - -	Fair and sufficient.
Instow - - -	1,700	648	140	100	Barnstaple Water Co. - -	Springs - - -	Very doubtful & scarcely adequate.
Kentisbury - - -	3,149	285	64	—	—	Do. - - -	Fair and sufficient.
Landkey - - -	3,188	624	150	—	—	Springs & wells - - -	Good.
Loxhore - - -	1,553	159	51	—	—	Do. - - -	Fair and sufficient.
Martinhoe - - -	2,583	150	34	—	—	Springs - - -	Good.
Marwood - - -	5,375	654	165	—	—	Do. - - -	Fair and sufficient.
Morthoe - - -	3,811	908	170	130	Ilfracombe U.D.C. - - -	Wells - - -	Satisfactory and sufficient.
Newton Tracey - -	338	116	29	—	—	Do. - - -	Good.
Parnacombe - - -	4,451	347	66	—	—	Springs - - -	Fair and sufficient.
Shirwell - - -	4,759	351	76	—	—	Do. - - -	Fair and sufficient.
Stoke Rivers - - -	2,445	193	34	—	—	Springs - - -	Good.
Swimbridge - - -	7,146	1,089	272	84	Barnstaple R.D.C. - - -	Do. - - -	Fair and sufficient.
Tawstock - - -	6,381	832	187	—	—	Springs - - -	Doubtful, but sufficient.
Trentishoe - - -	1,599	87	15	—	—	Do. - - -	Good and sufficient.
West Down - - -	4,082	467	121	—	—	Springs - - -	Good and sufficient.
Westleigh - - -	2,466	431	96	34	E. R. Berry Torr, Esq. - -	Do. - - -	Good and sufficient.
West Pilton - - -	1,028	110	20	2	Barnstaple Water Co. - -	Springs - - -	Good and sufficient.
<b>Bideford R.D.:</b>							
Abbotsham - - -	1,878	400	94	42	Northam U.D.C. - - -	—	—
Alwington - - -	2,682	355	78	—	—	—	—
Buckland Brewer -	6,111	641	140	—	—	—	—
Bulkworthy - - -	1,504	102	24	—	—	—	—
Clovelly - - -	3,395	623	183	90	Mrs. C. L. Hamlyn - - -	—	—
East Putford - - -	2,379	155	31	—	—	—	—
Hartland - - -	17,307	1,570	364	—	—	Wells - - -	Good.
Landcross - - -	355	78	15	—	—	—	—
Littleham - - -	1,324	309	70	—	—	—	—
Monkleigh - - -	2,176	385	96	—	—	—	—
Newton St. Petrock	1,986	211	47	—	—	—	—
Parkham - - -	5,925	701	161	—	—	—	—
Welcombe - - -	1,787	147	36	—	—	—	—
Woolfardisworthy -	6,119	629	139	—	—	—	—
<b>Broadwood Widger R.D.:</b>							
Broadwood Widger	10,655	764	178	—	—	—	—
Northcott - - -	686	48	8	—	—	—	—
North Petherwin -	8,208	639	150	—	—	—	—
St. Giles on the Heath.	3,147	279	59	—	—	Wells - - -	Good and adequate.
Virginatow - - -	1,293	104	27	—	—	—	—
Werrington - - -	5,305	556	130	—	—	—	—
<b>Crediton R.D.:</b>							
Bow - - -	2,867	569	156	100	Bow P.C. (as Trustees under Charity Commissioners).	—	—
Brushford - - -	923	54	12	—	—	—	—
Chawleigh - - -	5,532	601	138	—	—	—	—
Cheriton Bishop -	4,940	451	112	—	—	—	—
Cheriton Fitzpaine	4,855	598	148	—	—	—	—
Clannaborough - -	1,008	78	17	—	—	—	—
Coldridge - - -	3,676	348	83	—	—	—	—
Colebrooke - - -	4,778	631	150	—	—	—	—
Crediton Hamlets -	11,243	1,207	269	3	Crediton U.D.C. - - -	—	—
Down St. Mary - -	2,129	332	81	—	—	—	—
Eggestord - - -	1,329	104	24	—	—	—	—
Hittisleigh - - -	1,983	137	34	—	—	—	—
Kennerleigh - - -	731	68	16	—	—	—	—
Lapford - - -	3,581	456	118	—	—	Wells - - -	Generally good and ample; occasional surface pollution
Morchard Bishop -	7,173	962	248	—	—	—	—
Newton St. Cyres -	4,436	677	162	—	—	—	—
Nymet Rowland - -	606	78	16	—	—	—	—
Poughill - - -	1,735	223	55	—	—	—	—
Puddington - - -	1,385	157	39	—	—	—	—
Sandford - - -	7,962	1,141	274	1	Crediton U.D.C. - - -	—	—
Shobrooke - - -	4,259	587	140	—	—	—	—
Stockleigh English	1,105	57	11	—	—	—	—
Stockleigh Pomeroy	1,277	160	36	—	—	—	—
Thelbridge - - -	4,006	283	66	—	—	—	—
Upton Hellions - -	819	83	19	—	—	—	—
Washford Pyne - -	1,144	119	28	—	—	—	—
Wembworthy - - -	2,439	288	67	—	—	—	—
Woolfardisworthy -	2,136	172	33	—	—	—	—
Zeal Monachorum -	3,313	298	78	28	Zeal Monachorum Waterworks Committee.	Wells - - -	Generally good and ample.



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<b>Devonshire—cont.</b>							
<b>Culmstock R.D.:</b>							
Burlescombe -	3,645	693	166	—	—	Wells	Generally good & sufficient.
Clayhidon -	4,741	457	118	—	—		
Culmstock -	3,657	811	213	—	—		
Hemyock -	5,901	884	215	—	—		
Holcombe Rogus -	3,028	501	138	30	Mrs. Rayer -		
<b>Holsworthy R.D.:</b>							
Abbots Bickington -	1,097	57	12	—	—	Wells & springs	Good and adequate.
Ashwater -	8,710	679	165	—	—		
Black Torrington -	5,681	586	137	—	—		
Bradford -	4,133	402	91	—	—		
Bradworthy -	9,792	882	195	—	—		
Clawton -	5,387	360	81	—	—		
Cookbury -	2,736	146	31	—	—		
East Bridgerule -	1,618	109	19	—	—		
Halwill -	3,472	410	90	—	—		
Hollacombe -	1,230	59	13	—	—		
Holsworthy Hamlets	8,262	721	156	—	—		
Luffincott -	1,477	83	18	—	—		
Milton Damerel -	4,416	449	111	—	—		
North Tamerton (Cornwall) -	5,302	325	77	—	—		
Pancrasweek -	4,639	327	69	—	—		
Pyworthy -	5,700	488	108	—	—		
Sutcombe -	2,878	285	67	—	—		
Tetecott -	1,721	165	39	—	—		
Thornbury -	2,848	322	74	—	—		
West Bridgerule -	1,016	276	66	—	—		
West Putford -	2,705	216	49	—	—		
<b>Honiton R.D.:</b>							
Awliscombe -	2,626	419	120	—	—	Wells & springs	Good and satisfactory.
Branscombe -	3,429	606	194	—	—		
Broadhembury -	4,822	611	140	—	—		
Buckerell -	1,340	214	59	—	—		
Combe Raleigh -	1,623	209	44	—	—		
Cotleigh -	1,270	160	36	—	—		
Dunkeswell -	4,588	330	76	—	—		
Farway -	2,587	237	58	—	—		
Feniton -	1,846	374	92	—	—		
Gittisham -	2,344	348	80	—	—		
Harpford -	1,536	201	51	—	—		
Luppitt -	5,072	441	116	—	—		
Monkton -	1,441	132	29	—	—		
Northleigh -	1,172	167	44	—	—		
Offwell -	2,038	278	70	—	—		
Payhembury -	2,737	426	100	—	—		
Plymtree -	2,222	398	93	—	—		
Salcombe Regis -	2,565	541	130	56	Sidmouth Water Co. -		
Sheldon -	1,700	117	26	—	—		
Sidbury -	6,766	1,374	345	206	{ Sir C. D. Cave, Bart. - Sidmouth Water Co. -		
Southleigh -	3,396	196	53	—	—		
Talaton -	2,411	419	105	—	—		
Upottery -	5,898	574	149	—	—		
Venn Ottery -	913	81	18	—	—		
Widworthy -	1,463	148	31	—	—		
Yarcombe -	5,238	599	140	—	—		
<b>Kingsbridge R.D.:</b>							
Aveton Gifford -	3,946	668	177	—	—	Wells	Generally good & suffi- cient.
Bigbury -	2,884	309	96	59	{ Norringtons Estate; Bigbury Bay Land Development Co.; Kingsbridge R.D.C. -		
Blackawton -	6,560	966	266	34	Kingsbridge R.D.C. -		
Buckland Tout Saints -	1,872	230	64	29	H. F. Brunskill, Esq. -		
Charleton -	1,099	224	54	45	Marquess of Northampton -		
Chivelstone -	2,716	439	96	10	J. S. Hurrell, Esq. (Trustee) -		
Churchstow -	2,685	259	71	—	—		
East Allington -	3,702	350	101	44	Lord Ashcombe -		
East Portlemouth -	1,981	221	67	2	Mr. Tod Heatly's Trustees -		
Kingston -	2,180	358	95	50	—		
Loddiswell -	3,597	678	172	40	Kingsbridge R.D.C. -		
Malborough -	3,926	616	154	110			
Modbury -	5,876	1,203	321	212			
Ringmore -	1,295	182	51	—	—		
Sherford -	2,345	322	85	—	—		
Slapton -	3,343	539	143	40	Kingsbridge R.D.C. -		
South Huish -	1,166	318	79	32	{ Do. - R. Rogers, Esq. -		
South Milton -	1,550	332	83	23	Capt. G. Dowglass and others -		
South Pool -	1,991	257	74	17	Mrs. A. Froude -		
Stoke Fleming -	3,155	592	152	60	Kingsbridge R.D.C. -		
Stokenham -	5,940	1,374	347	161	{ A. F. Holdsworth, Esq. - Trustees of the late A. J. B. Knight; Kingsbridge R.D.C. -		
					H. F. Brunskill, Esq. -		
					Kingsbridge R.D.C. -		
Thurlestone -	1,743	419	104	50	—		
West Alvington -	2,611	535	133	126	—		
Woodleigh -	2,655	254	52	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Devonshire—cont.</b>							
<b>Newton Abbot R.D.:</b>							
Abbotskerswell -	1,486	474	100	94	Torquay T.C. (bulk) -	Wells & springs -	Fair and sufficient.
Bickington -	1,403	219	50	—	—	Wells -	Satisfactory, but scarcely sufficient.
Bishopsteignton -	4,449	1,108	220	158	Newton Abbot R.D.C. -	Wells & springs -	Fair.
Bovey Tracey -	7,567	2,809	630	503	Teignmouth U.D.C. (bulk) -	Do. -	Do.
Broadhempston -	2,200	437	110	—	Newton Abbot R.D.C. -	Wells -	Satisfactory & abundant.
Buckland in the Moor.	1,493	80	18	—	—	Do. -	—
Chudleigh -	6,125	2,005	450	417	Newton Abbot R.D.C. -	Wells & springs -	Fair.
Cockington -	1,471	299	65	40	Torquay T.C. -	Wells -	Fair and sufficient.
Coffinswell -	1,152	168	42	—	—	Do. -	Good.
Hacombe with Combe.	1,983	376	90	—	—	Do. -	Satisfactory & sufficient.
Hennock -	3,299	733	155	77	Torquay T.C. (bulk) -	Spring -	—
Ideford -	1,440	239	58	20	Newton Abbot R.D.C. -	Wells & springs -	Fair.
Isington -	7,843	989	210	—	—	Stream -	Unsatisfactory, but sufficient.
Ipplepen -	2,887	753	180	145	Paignton U.D.C. (bulk) -	Wells -	Good and sufficient.
Kingskerswell -	1,797	989	255	226	Torquay T.C. (bulk) -	—	—
Kingsteignton -	3,972	2,246	530	440	Newton Abbot R.D.C. -	Wells & springs -	Good.
Lastleigh -	2,978	434	100	69	Do. -	—	—
Manaton -	6,422	286	68	—	—	Do. -	Satisfactory & sufficient.
Moreton Hampstead	7,910	1,561	370	280	Newton Abbot R.D.C. -	Do. -	Good.
North Bovey -	5,589	380	82	—	—	Wells -	Doubtful, but sufficient.
Ogwell -	2,089	236	50	36	Newton Abbot R.D.C. -	Wells & springs -	Fair.
Stokeinteighend -	2,167	461	100	—	—	Wells -	Satisfactory & sufficient.
Teigngrace -	1,496	165	38	—	—	Do. -	Moderate and sufficient.
Torbryan -	3,002	431	105	74	Newton Abbot R.D.C. -	Wells & springs -	Good.
Trusham -	625	175	38	—	—	Do. -	Not very satisfactory.
West Dawlish -	3,908	663	150	84	Newton Abbot R.D.C. -	Wells and rain-water.	Fair.
Widcombe in the Moor.	10,786	633	150	—	—	Springs -	Good and abundant.
Woodland -	1,634	158	34	—	—	Wells -	Abundant.
<b>Okehampton R.D.:</b>							
Ashbury -	1,748	58	13	—	—	Wells -	Fair, but acts slightly or lead.
Beaworthy -	3,824	253	64	—	—	—	—
Belstone -	1,790	277	82	39	Okehampton R.D.C. -	Do. -	Good and sufficient.
Bondleigh -	1,633	129	36	—	—	Do. -	Good, but scarcely sufficient.
Bratton Clovelly -	7,254	413	102	34	Okehampton R.D.C. -	—	—
Bridestowe -	5,687	523	130	50	Bridestowe P.C. -	Do. -	Good and sufficient.
Broadwood Kelly -	3,012	228	56	—	—	—	—
Chagford -	7,459	1,548	381	230	Okehampton R.D.C. -	Wells & springs -	Do.
Drewsteignton -	6,189	747	189	24	Do. -	Wells -	—
Exbourne -	2,135	351	96	—	—	Do. -	Good, but scarcely sufficient.
Germansweek -	2,625	207	49	—	—	—	—
Gidleigh -	3,507	111	30	—	—	—	—
Hatherleigh -	7,168	1,240	332	238	Okehampton R.D.C. -	—	—
Highampton -	3,815	241	54	—	—	—	—
Iddesleigh -	2,986	324	79	—	—	Do. -	Good and sufficient.
Inwardleigh -	6,108	409	100	—	—	—	—
Jacobstowe -	2,893	174	38	—	—	—	—
Meeth -	2,582	230	45	—	—	—	—
Monk Okehampton	1,145	171	40	—	—	—	—
Northlew -	7,179	655	169	—	—	Do. -	Fair, but scarcely sufficient.
North Tawton -	5,967	1,455	374	237	Okehampton R.D.C. -	—	—
Okehampton Hamlets.	12,456	933	158	22	Okehampton T.C. -	—	—
Sampford Courtenay.	8,671	759	200	70	The Provost and Scholars of King's College, Cambridge	Do. -	Good and sufficient.
Sourton -	5,046	354	87	—	Sticklepath Village Supply -	—	—
South Tawton -	10,988	1,173	314	165	Okehampton R.D.C. -	Springs -	Good, but distant from houses.
Spreyton -	3,644	353	83	—	—	Wells -	Good and sufficient.
Throwleigh -	2,981	284	71	—	—	—	—
<b>Plympton St. Mary R.D.:</b>							
Bickleigh -	2,370	309	71	54	Plymouth T.C. -	Wells & springs -	Good.
Brixton -	3,128	674	158	—	—	Do. -	Good, but doubtful & inadequate at Brixton village.
Compton Gifford -	166	358	87	87	Plymouth T.C. -	—	—
Cornwood -	10,117	1,056	232	150	Plympton St. Mary R.D.C. -	Wells & springs -	Good.
Egg Buckland -	3,275	2,076	272	114	Plymouth T.C. (part in bulk) -	Do. -	Satisfactory.
Ermington -	4,945	842	205	—	—	Do. -	Fair.
Harford -	3,331	127	26	—	—	Do. -	Good.
Holbeton -	4,635	795	194	100	Plympton St. Mary R.D.C. -	Wells -	—
Newton Ferrers -	3,326	742	175	100	Do. -	Wells & springs -	Doubtful and insufficient.
Plympton St. Maurice	232	1,103	265	265	J. Ford Esq. -	—	—
Plympton St. Mary	10,391	3,940	897	667	Plympton St. Mary R.D.C. -	—	—
Plymstock -	3,566	3,857	867	774	Do. -	Springs & wells -	Good.
Revelstoke -	1,544	400	97	80	Do. -	Do. -	Fair and sufficient.
					Do. -	Wells -	Good.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Devonshire—cont.</b>							
<b>Plympton St. Mary R.D.—cont.</b>							
St. Budeaux -	1,725	1,711	365	360	Plymouth T.C. - - -	Wells - - -	Good.
Shaugh Prior -	8,862	761	177	100	Messrs. Martin Bros., Ltd. -	Springs and up- land surface.	
Tamerton Foliot -	4,772	1,076	260	150	Plymouth T.C. - - -	Wells - - -	Some good, some in- different.
Wembury -	3,133	522	111	—	—	Wells & springs	Some good, some doubtful.
Weston Peverell -	701	186	34	24	Plymouth T.C. and Devonport T.C.	Wells - - -	Generally satisfactory.
Yealmpton -	3,194	901	211	130	Plympton St. Mary R.D.C. -	Do. - - -	Doubtful & insufficient.
<b>St. Thomas R.D. :</b>							
Alphington -	2,743	1,131	264	75	Exeter T.C. - - -	Wells - - -	Satisfactory.
Ashcombe -	1,971	135	30	—	—		
Ashton -	2,182	176	48	—	—	—	—
Aylesbeare -	2,878	281	57	—	—		
Bicton -	1,305	129	30	30	Lord Clinton - - -	—	—
Brampford Speke -	1,163	296	80	—	—		
Bridford -	4,151	414	72	—	—	—	—
Broad Clyst -	9,326	1,904	483	—	—		
Christow -	3,263	564	143	—	—	—	—
Clyst Honiton -	1,786	270	64	—	—		
Clyst Hydon -	1,764	298	67	—	—	—	—
Clyst St. George -	1,040	212	53	—	—		
Clyst St. Lawrence -	1,027	114	26	—	—	—	—
Clyst St. Mary -	589	131	37	—	—		
Colaton Raleigh -	3,979	452	119	68	Colaton Raleigh Water Com- mittee.	Wells - - -	Satisfactory.
Doddicombsleigh -	2,441	220	49	—	—		
Dunchidcock -	968	134	30	—	—	—	—
Dunsford -	6,042	570	128	—	—		
East Budleigh -	2,394	767	195	84	Lord Clinton - - -	—	—
Exminster -	4,844	2,711	279	17	Exmouth U.D.C. - - - Committee of Visitor Devon County Asylum.		
Farringdon -	1,466	198	48	—	—	—	—
Holcombe Burnell -	1,853	178	40	—	—		
Huxham -	779	116	26	—	—	—	—
Ide -	1,712	647	187	—	—		
Keen -	5,331	794	205	—	—	—	—
Kenton -	5,192	1,711	339	187	St. Thomas R.D.C. - - - Earl of Devon - - -		
Lympstone -	973	999	288	—	—	Do. - - -	Unsatisfactory.
Mamhead -	1,182	171	30	—	—	—	—
Nether Exe -	685	73	15	—	—		
Newton Poppleford	544	450	135	—	—	—	—
Otterton -	3,446	617	164	110	St. Thomas R.D.C. - - -		
Pinhoe -	2,903	1,141	265	135	Exeter T.C. - - -	Do. - - -	Satisfactory.
Poltimore -	1,740	291	58	21	—		
Powderham -	1,485	189	47	—	—	—	—
Rewe -	1,335	212	51	—	—		
Rockbeare -	2,334	434	103	—	—	—	—
Shillingford -	415	46	12	—	—		
Sowton -	1,699	446	105	—	—	—	—
Stoke Canon -	1,265	380	84	—	—		
Telburn St. Mary -	4,527	468	132	—	—	Do. - - -	Unsatisfactory.
Topsham -	2,833	3,278	771	33	Topsham and District Water Co., Ltd., and Exeter T.C.		
Upton Pyne -	2,446	394	120	—	—	Do. - - -	Satisfactory.
Whimple -	3,038	730	173	—	—		
Whitestone -	5,738	562	132	4	Exeter T.C. - - -	—	—
Woodbury -	6,720	1,603	419	—	—		
<b>South Molton R.D.:</b>							
Bishops Nympton -	9,623	870	196	—	—	—	—
Burrington -	5,349	662	43	—	—		
Charles -	2,410	213	53	—	—	—	—
Cheldon -	1,116	53	13	—	—		
Chittlehamholt -	1,999	273	54	—	—	—	—
Chittlehampton -	5,954	911	211	—	—		
Chulmleigh -	8,906	1,264	287	131	South Molton R.D.C. - - -	—	—
Creacombe -	1,145	63	11	—	—		
East Anstey -	3,303	236	51	—	—	—	—
East Buckland -	1,612	107	22	—	—		
East Worlington -	5,348	324	67	—	—	—	—
Filleigh -	2,102	288	72	—	—		
George Nympton -	1,706	165	36	—	—	Wells and springs.	Generally good, but occa- sionally inadequate.
King's Nympton -	5,586	483	108	—	—		
Knowstone -	5,144	352	71	—	—	—	—
Mariansleigh -	2,030	212	51	—	—		
Meshaw -	2,095	183	43	—	—	—	—
Molland -	6,262	370	87	—	—		
North Molton -	15,046	1,067	250	26	South Molton R.D.C. - - -	—	—
Queen's Nympton -	544	31	7	—	—		
Rackenford -	4,011	349	72	—	—	—	—
Romansleigh -	2,502	134	29	—	—		
Rose Ash -	5,058	429	92	—	—	—	—
Satterleigh and Warkleigh.	2,976	289	60	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Devonshire—cont.</b>							
<b>South Molton R.D.:</b>							
—cont.							
Twitchen - -	3,002	141	35	—	—	Wells and springs.	Generally good, but occa- sionally inadequate.
West Anstey - -	3,010	202	45	—	—		
West Buckland - -	2,592	442	75	—	—		
Witheridge - -	7,001	795	185	103	South Molton R.D.C.		
<b>Tavistock R.D.:</b>							
Bere Ferrers - -	6,161	1,803	496	85	Tavistock R.D.C.	Wells - -	Satisfactory.
Bradstone - -	1,284	103	21	—	—	Do. - -	Good and ample.
Brentor - -	3,563	507	127	—	—	Do. - -	Very good and abundant.
Buckland Monachorum -	6,715	2,050	521	204	Tavistock R.D.C.	Do. - -	Good and ample.
Coryton - -	1,520	159	45	—	Plymouth T.C.	Do. - -	Satisfactory.
Dunterton - -	1,206	85	20	—	—	Do. - -	Good and ample.
Kelly - -	1,773	188	41	—	—	Do. - -	Very good and abundant.
Lamerton - -	5,019	635	153	—	—	Do. - -	Good and sufficient.
Lewtrenchard - -	2,238	242	56	—	—	Do. - -	Good and ample.
Lifton - -	5,376	819	232	—	—	Do. - -	Unsatisfactory.
Lydford - -	50,861	3,030	463	37	Tavistock R.D.C.	Do. - -	Very good and ample.
Marystow - -	2,927	237	71	—	—	Do. - -	Good and sufficient.
Marytavy - -	4,267	725	191	—	—	Do. - -	Very satisfactory.
Meavy - -	3,422	289	67	6	Plymouth T.C.	Do. - -	Good and ample.
Milton Abbot - -	6,748	650	178	56	Duke of Bedford	Do. - -	Good and sufficient.
Petertavy - -	9,460	359	82	25	Tavistock R.D.C.	Do. - -	Good and plentiful.
Sampford Spiney -	1,601	426	108	15	Do.	Do. - -	Good and abundant.
Sheepstor - -	3,424	83	18	—	—	Do. - -	Very good and ample.
Stowford - -	2,080	299	86	—	—	Do. - -	Good and ample.
Sydenham Damerel -	1,396	271	86	—	—	Do. - -	Very good and sufficient.
Tavistock Hamlets -	9,979	847	184	30	Tavistock U.D.C.	Wells & springs	Good and ample.
Thrushelton - -	4,378	307	86	—	—	Wells - -	Good and sufficient.
Walkhampton - -	10,011	630	147	37	Tavistock R.D.C.	Do. - -	Good and ample.
					Plymouth T.C.		
					Tavistock U.D.C.		
					Tavistock R.D.C.	Wells & springs	Very good and sufficient.
<b>Whitechurch - - -</b>							
	6,207	1,484	398	124			
<b>Tiverton R.D.:</b>							
Bickleigh - -	1,827	200	51	—	—	Wells & springs	Generally good and suffi- cient; but poor in Cul- lampton.
Bradninch - -	4,399	1,494	376	269	Tiverton R.D.C.		
Butterleigh - -	485	83	30	—	—		
Cadbury - -	1,880	173	38	—	—		
Cadeleigh - -	2,182	189	50	—	—		
Clayhanger - -	2,120	162	33	—	—		
Crowys Morchard -	6,044	517	111	—	—		
Cullompton - -	8,175	2,923	740	—	—		
Halberton - -	7,553	1,280	298	—	—		
Hockworthy - -	2,732	275	60	—	—		
Huntsham - -	1,737	223	43	—	—		
Kentisbeare - -	4,501	751	169	—	—		
Loxbeare - -	1,343	159	33	—	—		
Morebath - -	3,474	450	98	—	—		
Oakford - -	5,793	466	96	—	—		
Sampford Peverell -	2,221	613	143	—	—		
Silverton - -	4,729	1,141	266	169	Tiverton R.D.C.		
Stoodleigh - -	4,473	389	74	—	—		
Templeton - -	1,906	159	35	—	—		
Thorverton - -	4,104	734	191	—	—		
Uffculme - -	6,158	1,595	396	—	—		
Uplowman - -	3,210	374	81	—	—		
Washfield - -	3,310	352	75	—	—		
Willand - -	1,012	424	90	—	—		
<b>Torrington R.D.:</b>							
Alverdiscott - -	2,364	236	52	—	—	Wells - -	Good and sufficient.
Ashreigney - -	5,723	558	138	—	—		
Beaford - -	3,295	427	101	—	—		
Buckland Filleigh -	3,014	173	38	—	—		
Dolton - -	3,616	550	148	—	—		
Dowland - -	1,747	127	24	—	—		
Frithelstock - -	3,669	404	86	—	—		
High Bickington -	4,053	558	124	—	—		
Huish - -	1,015	116	23	—	—		
Huntshaw - -	2,082	144	32	—	—		
Langtree - -	4,741	589	131	—	—		
Little Torrington -	3,140	390	90	—	—		
Merton - -	4,090	475	112	—	—		
Peters Marland - -	2,539	323	66	—	—		
Petrockstow - -	4,295	400	95	—	—		
Roborough - -	3,214	301	69	—	—		
St. Giles in the Wood - -	5,014	539	124	—	—		
Shebbear - -	5,758	802	165	—	—		
Sheepwash - -	2,032	284	80	—	—		
Weare Giffard - -	1,714	306	73	—	—		
Winkleigh - -	9,218	1,013	248	—	—		
Yarncombe - -	3,470	255	52	—	—		
<b>Totnes R.D.:</b>							
Ashprington - -	2,256	424	96	—	—	Wells - -	Good.
Berry Pomeroy - -	4,235	387	85	—	—		
Churston Ferrers -	2,538	577	139	139	T. B. Bolitho, Esq. Lord Churston Brixham U.D.C.		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Devonshire—cont.</b>							
<b>Totnes R.D.—cont.</b>							
Cornworthy -	2,626	386	94	41	Totnes R.D.C. -	Wells -	Good.
Dartington -	3,056	544	136	—	—	—	—
Dean Prior -	4,136	264	56	48	Totnes R.D.C. -	Spring -	Good and adequate.
Diptford -	4,107	453	99	25	Mrs. Cornish Bowden -	—	—
Dittisham -	2,950	540	163	163	Totnes R.D.C. -	—	—
Halwell -	3,335	291	69	—	—	—	—
Harberton -	5,606	1,139	229	86	Totnes R.D.C. -	Wells -	Good.
Holne -	5,101	244	66	23	Do. -	—	—
Kingswear -	101	819	207	207	—	—	—
Little Hempston -	1,249	174	42	—	—	Wells -	Good.
Marldon -	2,547	475	128	83	Paignton U.D.C. (bulk) C. Hellyer, Esq. -	Do. -	Good and adequate.
Moreleigh -	1,186	100	27	—	—	Wells -	—
North Huish -	2,733	282	52	—	—	Wells & springs -	Good.
Rattery -	2,926	318	71	—	—	—	—
South Brent -	9,422	1,624	287	204	Totnes R.D.C. -	Springs -	Good and adequate.
Staverton -	5,204	668	155	—	—	Wells & springs -	Good.
Stoke Gabriel -	2,366	591	152	152	Totnes R.D.C. -	—	—
Ugborough -	8,781	1,739	439	439	—	—	—
West Buckfastleigh	4,517	254	64	—	—	Wells -	Good, but insufficient.
<b>DORSETSHIRE.</b>							
Blandford Forum B.	145	3,477	821	658	Blandford Waterworks Co., Ltd.	Wells -	Unsatisfactory, but adequate.
Bridport B. -	672	5,919	1,475	1,410	Bridport Water Works Co. -	Do. -	Potable.
Dorchester B. -	1,646	9,842	2,014	2,014	Dorchester T.C. -	—	—
Lyme Regis B. -	1,237	2,772	540	505	Lyme Regis T.C. -	Wells & springs; rainwater. -	Satisfactory and adequate; variable.
Poole B. -	7,964	38,885	8,205	8,205	Poole T.C. -	—	—
Portland U.D. -	2,905	17,011	2,001	1,995	Bournemouth Gas & Water Co. Portland U.D.C. -	Rainwater -	Variable.
Shaftesbury B. -	156	1,873	467	455	Lord Stalbridge -	Wells -	Satisfactory.
Sherborne U.D. -	923	5,953	1,294	1,284	Sherborne U.D.C. -	Do. -	Satisfactory.
Swanage U.D. -	2,659	4,689	1,059	1,009	Swanage U.D.C. -	Wells, springs, ponds, rainwater. -	Doubtful, but adequate.
Wareham B. -	250	2,002	459	458	Wareham T.C. -	Well -	Good and sufficient.
Weymouth and Melcombe Regis B.	1,317	22,324	4,298	4,298	Weymouth Waterworks Co. -	—	—
Wimborne Minster U.D.	523	3,711	890	505	Bournemouth Gas & Water Co.	Wells -	Good.
<b>Beaminster R.D.:</b>							
Beaminster -	5,190	1,860	470	240	Beaminster R.D.C. -	(a) Wells and (b) springs. -	(a) Not good, (b) good; adequate.
Bettiscombe -	650	37	11	—	—	Wells -	Good.
Broadwindsor -	6,303	930	248	—	—	Wells & springs -	Satisfactory in parts.
Burstock -	931	123	34	—	—	Springs -	—
Cheddingington -	785	136	31	—	—	Wells -	—
Corscombe -	5,008	437	136	—	—	Springs and wells -	—
East Chelborough -	967	92	17	—	—	Wells -	Good and adequate.
Evershot -	1,569	325	86	—	—	—	—
Halstock -	3,216	305	82	—	—	Springs & Wells -	—
Hooke -	1,255	141	39	—	—	—	—
Mapperton -	821	48	12	—	—	Wells -	Satisfactory, but insufficient.
Marshwood -	3,530	314	72	—	—	—	—
Melbury Osmond -	1,222	284	75	75	Earl of Ichester -	—	—
Melbury Sampford -	1,041	100	21	—	—	Springs and wells -	—
Mosterton -	975	197	52	—	—	Wells -	—
Netherbury -	6,274	1,261	314	—	—	Springs and wells -	—
North Poorton -	684	50	10	—	—	—	—
Pilsdon -	660	33	12	—	—	Wells -	—
Powerstock -	4,146	668	158	—	—	—	—
Rampisham -	2,095	225	48	—	—	Springs and wells -	Good and adequate.
Seaborough -	585	83	15	—	—	Wells -	—
South Perrott -	1,488	205	60	—	—	—	—
Stoke Abbott -	2,327	430	105	—	—	Wells & springs -	—
Thorncombe -	5,416	787	220	50	Thorncombe Voluntary Water Committee. -	—	—
West Chelborough	587	58	15	—	—	Wells -	—
Wraxall -	968	84	12	—	—	Wells and springs -	—
<b>Blandford R.D.:</b>							
Anderson -	597	56	14	—	—	—	—
Blandford St. Mary	1,894	355	81	50	Blandford Waterworks Co., Ltd.	—	—
Bryanston -	1,925	315	60	42	Do. -	—	—
Charlton Marshall	2,300	499	135	—	Viscount Portman -	—	—
Chettle -	1,126	116	25	—	—	—	—
Darweston -	1,850	381	88	66	Viscount Portman -	—	—
Farnham -	1,421	263	65	—	Blandford Waterworks Co., Ltd.	Wells -	Good and sufficient.
Hilton -	3,044	517	124	34	—	—	—
Iwerne Courtney	1,968	451	114	—	Sir E. A. Hambro -	—	—
Langton Long Blandford.	1,811	255	53	4	Blandford Waterworks Co., Ltd.	—	—
Milbourne St. Andrew.	1,747	229	60	—	—	—	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Dorsetshire—cont.</b>							
<b>Blandford R.D.—</b>							
<i>cont.</i>							
Milbourne Stileham	885	205	35	—	—		
Milton Abbas	4,880	639	164	57	S'r E. A. Hambro - - -		
Pimperne	3,252	769	148	146	Blandford Waterworks Co., Ltd.		
Spettisbury	2,250	441	108	—	—		
Steepleton Iwerne	823	40	9	—	—		
Stourpaine	2,375	462	126	—	—		
Tarrant Crawford	543	48	10	—	—		
Tarrant Gunville	3,469	292	74	—	—		
Tarrant Hinton	2,321	187	45	—	—		
Tarrant Keynston	1,348	208	52	—	—		
Tarrant Launceston	1,659	83	16	—	—		
Tarrant Monkton	2,176	179	39	—	—	Wells - -	Good and sufficient
Tarrant Rawston	697	43	11	—	—		
Tarrant Rushton	2,073	137	36	—	—		
Turnworth	1,176	128	26	—	—		
Winterborne Cien- ston.	1,312	79	20	11	Sir E. A. Hambro - - Col. Mansel Pleydell - -		
Winterborne Houghton.	1,974	187	50	—	—		
Winterborne King- ston.	2,559	383	105	—	—		
Winterborne Stick- land.	2,111	341	80	80	Sir E. A. Hambro - - Viscount Portman - -		
Winterborne Toma- son.	477	22	6	—	—		
Winterborne Whit- church.	2,922	322	89	18	Col. Mansel Pleydell - -	Wells - -	Good and sufficient.
Winterborne Zel- stone.	848	137	35	—	—		
<b>Bridport R.D.:</b>							
Allington	806	254	62	23	Bridport Water Works Co. Pymore Mill Co., Ltd.	Wells & river -	
Askerswell	1,724	218	42	31	Bridport R.D.C. & several property owners.	Wells, springs, stream, and rainwater.	
Bothenhampton	960	481	137	102	Bridport Water Works Co. - J. Gundry, Esq., W. J. Coburn, Esq., and others.	Wells, spring and stream -	Good and adequate.
Bradpole	797	524	120	24	Bridport Water Works Co. - G.W. Railway Co. - - Pymore Mill Co., Ltd.	Wells - -	
Burton Bradstock	2,714	522	155	120	Bridport Water Works Co. -	Do. - -	
Catherston	245	32	6	6	Bridport R.D.C.	—	
Leweston							
Charmouth	445	575	154	154	—	—	
Chideock	1,978	535	152	104	Chideock Waterworks Co., Ltd. H. F. Weld, Esq.	Wells & stream	
Chilcombe	451	21	5	—	—	Rainwater -	
Litton Cheney	2,028	297	89	28	Bridport Water Works Co. - H. Gladwyn, Esq., & others	Wells, spring, and river.	
Loders	2,279	576	155	14	H. K. Colville Esq., & others	Wells & stream -	
Puncknowle	2,576	371	51	—	—	Wells, springs, and stream.	
Shipton Gorge	1,464	203	58	—	—	Do. do.	Good and adequate.
Stanton St. Gabriel	1,070	51	10	—	—	Stream - -	
Swyre	1,129	139	37	6	Duke of Bedford - - - Col. Colfox - - -	Wells - -	
Symondsbury	3,856	823	202	60	W. J. Cousins, Esq., & others	Well, spring, and stream -	
Whitechurch Canoni- corum.	4,253	657	176	58	Mrs. U. B. Wallis and numer- ous property owners - -	Wells & spring -	
Wootton Fitzpaine	3,389	452	89	22	A. Douglas Pass, Esq. - -	Wells & spring -	
<b>Cerne R.D.:</b>							
Alton Pancras	2,280	168	37	—	—		
Batcombe	1,120	65	21	—	—		
Buckland Newton	6,250	694	204	—	—		
Cattistock	3,073	457	131	—	—		
Cerne Abbas	3,149	585	170	—	—	Wells - -	Good and sufficient.
Cheselbourne	3,031	233	55	—	—		
Frome St. Quintin	1,032	165	42	—	—		
Godmanstone	1,172	119	28	—	—		
Gorewood	51	—	—	—	—		
Hermitage	756	88	24	6	T. W. Dampier Bide, Esq. -		
Hillfield	1,599	109	29	8	Lord Digby - - -		
Mappowder	1,901	168	46	—	—		
Melbury Bubb	1,243	108	23	13	Yeovil T.C. - - -		
Melcombe Horsey	2,157	151	40	—	—		
Milborne Magna	2,206	300	77	30	Lord Digby - - -	Wells - -	
Nether Cerne	850	69	16	—	—		
Piddletrenthide	4,497	540	155	—	—		
Pulham	2,416	200	55	—	—		
Sydling St. Nicholas	5,130	417	113	—	—		
Up Cerne	1,123	68	19	—	—	Wells and	
Wootton Glanville	1,705	271	55	8	Col. the Hon. E. Digby -	springs.	Good and sufficient.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.		
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.	
1.	2.	3.	4.	5.	6.	7.	8.	
<b>Dorsetshire—cont.</b>								
<b>Dorchester R.D. :</b>								
Athelhampton -	477	62	18	—	—	Wells - - -	Very good and sufficient.	
Bradford Peverell -	2,932	283	70	—	—			
Broadmayne -	997	365	78	—	—			
Burleston -	366	64	15	—	—			
Charminster -	4,381	1,857	300	—	—			
Chilfrome -	971	94	20	—	—			
Compton Abbas -	857	42	10	—	—			
Compton Valence -	1,322	83	22	—	—			
Dewlish -	2,134	298	62	—	—			
Frampton -	3,295	356	75	—	—			
Frome Vauchurch -	488	120	23	2	Dorchester R.D.C. - - -			
Kingston Russell -	1,166	42	15	4	Duke of Bedford - - -			
Little Bredy -	1,613	178	40	—	—			
Long Bredy -	3,466	265	85	30	Duke of Bedford - - -			
Malden Newton -	2,893	600	156	128	Dorchester R.D.C. - - -			
Piddlehinton -	2,221	326	60	—	—	Do. - - -	Inferior, but sufficient.	
Puddletown -	7,186	928	190	—	—			
Stinsford -	3,338	378	74	—	—			
Stratton -	1,716	304	62	—	—			
Tincleton -	900	177	32	—	—			
Toller Fratrum -	506	50	10	6	Lord Wynford - - -			
Toller Porcolum -	3,173	335	67	7	Mrs. Pope and Mrs. Symonds			
Tollpiddle -	2,053	232	56	—	—			
Warmwell -	1,698	155	27	—	—			
Watercombe -	435	44	7	—	—			
West Knighton -	2,225	360	66	—	—			
West Stafford -	1,015	206	43	—	—			
Whitcombe -	745	60	15	—	—			
Winterborne Abbas	1,514	225	35	—	—			
Winterborne Came	1,544	112	20	—	—			
Winterborne Her- ringstone.	587	76	13	—	—		Do. - - -	Very good and sufficient.
Winterborne Monk- ton.	1,246	78	18	—	—			
Winterborne St. Martin.	3,546	457	80	—	—			
Winterborne Steep- leton.	1,831	103	27	18	C. H. Stilwell, Esq. - - -			
Woodsford -	1,761	138	30	—	—			
Wynford Eagle -	1,788	161	25	—	—			
<b>Poole R.D. :</b>								
Canford Magna -	7,855	2,031	485	305	{ Lord Wimborne - - - Poole T.C. - - -	{ Do. - - -	{ Good and adequate.	
Kinson -	2,769	2,752	550	510	Bournemouth Gas & Water Co.	Wells and stream	Fair.	
Lytchett Matravers	3,413	647	193	—	—	{ Wells - - -	{ Fairly good and adequate.	
Lytchett Minster	3,325	875	236	—	—	{ Wells - - -	{ Indifferent.	
<b>Shaftesbury R.D. :</b>								
Alcester -	51	275	47	12	Lord Stalbridge - - -	Wells - - -	Bad and inadequate.	
Ashmore -	2,376	205	51	—	—	Pond and rain- water.	Fair and usually plentiful.	
Bourton -	922	724	193	170	E. S. Hindley, Esq. - - -	Wells and springs	{ Doubtful and inadequate in parts.	
Beckhorn Weston -	1,705	395	90	—	—	Wells - - -	Generally fair & sufficient.	
Cann -	3,002	723	180	30	Lord Stalbridge - - -	Wells and springs	Very indifferent and in- adequate.	
Compton Abbas -	1,491	256	72	—	—	Wells - - -	Indifferent.	
East Orchard -	839	120	22	—	—	Do. - - -	Indifferent and inadequate in parts.	
East Stour -	1,786	402	105	—	—	Wells and springs	Good and adequate.	
Fontmell Magna -	2,896	533	135	80	Sir R. G. Glyn, Bart. - - -	{ Do. - - -	{ Fair and usually plentiful.	
*Gillingham -	7,739	3,570	888	30	Messrs. Sparks and Blake -	{ Do. - - -	{ Very indifferent and in- adequate.	
Iwerne Minster -	2,865	531	135	—	—	Do. - - -	Doubtful, but generally sufficient.	
Kington Magna -	1,990	399	102	34	Kington Magna Property Owners.	Springs and wells	Fair, but inadequate.	
Margaret Marsh -	552	54	13	—	—	Wells & surface soakage pits.	Good and adequate.	
Melbury Abbas -	2,374	226	41	—	—	Wells and springs	Fair in parts.	
Motcombe -	5,063	1,192	293	212	Lord Stalbridge - - -	Do. - - -	Good and adequate.	
Silton -	1,225	208	48	—	—	Wells - - -	Very indifferent and in- adequate.	
Stour Provost -	2,815	522	150	—	—	Do. - - -	Doubtful, but generally sufficient.	
Sutton Waldron -	1,153	184	52	—	—	Do. - - -	Fair, but inadequate.	
Todber -	379	156	30	—	—	Do. - - -	Doubtful, but adequate.	
West Orchard -	669	95	25	—	—	Do. - - -	Doubtful and inadequate.	
West Stour -	1,040	140	39	—	—	Wells and springs	Good.	
<b>Sherborne R.D. :</b>								
Beer Hackett -	918	77	21	—	—	Well - - -	Satisfactory, but insuffi- cient.	
Bishop's Caundle -	956	247	62	—	—	Wells and springs	Well - - -	
Bradford Abbas -	1,216	428	88	—	—	Well - - -	Good.	
Castleton -	5,607	440	80	—	—	Wells and springs	Do. - - -	
Caundle Marsh -	950	111	26	—	—	Do. - - -	Satisfactory, but insuffi- cient.	
Chetnole -	732	207	56	39	Yeovil T.C. - - -	Spring - - -	Good.	
Clifton Maybank -	1,296	92	18	8	Do. - - -	Well - - -		
Folke -	2,120	330	79	—	—	Wells and springs		
Goathill -	298	41	12	—	—	Well - - -		
Haydon -	468	89	18	—	—	Do. - - -		
Holnest -	2,270	125	29	—	—	Do. - - -		

\* Gillingham.—A supply is about to be provided in this parish by the Mere and Shaftesbury R.D.C.s (jointly).



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Dorsetshire—cont.</b>							
<b>Sherborne R.D.—</b>							
—cont.							
Holwell - - -	2,423	361	107	7	Col. the Hon. E. Digby -	Wells and springs	Satisfactory, but insuffi- cient.
Leigh - - -	2,025	324	91	—	—	Wells - - -	Not good.
Leweston - - -	314	37	7	—	—	Do. - - -	Good.
Lillington - - -	1,830	125	32	—	—	Do. - - -	Satisfactory, but insuffi- cient.
Long Burton - - -	1,041	292	74	—	—	Do. - - -	Good.
Nether Compton - - -	956	245	58	—	—	Do. - - -	Very good.
North Wootton - - -	668	73	17	—	—	Do. - - -	Good.
Osborne - - -	607	115	29	—	—	Do. - - -	Very good.
Over Compton - - -	688	117	23	—	—	Do. - - -	Good.
Poyntington - - -	1,020	109	23	—	—	Do. - - -	Very good.
Purse Caundle - - -	1,558	170	39	—	—	Wells and springs	Good.
Ryme Intrinseca - - -	1,162	167	43	1	Yeovil T.C. - - -	Well - - -	Good.
Sandford Orcas - - -	1,104	194	49	—	—	Wells - - -	Fair.
Stockwood - - -	698	31	10	10	Earl of Ilchester - - -	Wells and springs	Good.
Thornfont - - -	1,465	362	99	—	—	Wells - - -	Very good.
Trent - - -	1,618	389	94	—	—	Do. - - -	Very good.
Yetminster - - -	1,480	620	162	26	Yeovil T.C. - - -	Do. - - -	Very good.
<b>Sturminster R.D.:</b>							
Child Okeford - - -	1,573	602	174	—	—	Springs and wells	Fairly good, but man wells unsatisfactory.
Fifehead Maghelen - - -	973	118	33	33	Mrs. P. J. Browne - - -	—	—
Fifehead Neville - - -	1,355	157	41	—	—	—	—
Hammoon - - -	693	51	18	—	—	—	—
Hanford - - -	601	48	9	—	—	—	—
Haselbury Bryan - - -	2,415	549	170	—	—	—	—
Hinton St. Mary - - -	1,069	237	60	—	—	—	—
Ibberton - - -	1,384	117	38	20	Sturminster R.D.C. - - -	—	—
Lydfinch - - -	3,398	300	84	—	—	—	—
Manston - - -	1,373	155	40	—	—	Springs & wells	Fairly good, but man wells unsatisfactory.
Marnhull - - -	3,833	1,292	352	—	—	—	—
Okeford Fitzpaine - - -	3,742	686	163	100	Sturminster R.D.C. - - -	—	—
Shillingstone - - -	2,272	565	145	18	Viscount Portman - - -	—	—
Stalbridge - - -	5,882	1,383	361	—	—	—	—
Stoke Wake - - -	1,087	78	24	—	—	—	—
Stourton Caundle - - -	2,004	239	75	—	—	—	—
Sturminster New- ton. - - -	4,546	1,787	454	364	Sturminster R.D.C. - - -	—	—
Woolland - - -	1,137	140	29	29	M. Scott Williams, Esq. - - -	—	—
<b>Wareham and Purbeck R.D.:</b>							
Affpuddle - - -	3,630	340	62	—	—	—	—
Arne - - -	6,034	733	132	—	—	—	—
Bere Regis - - -	8,312	1,059	208	—	—	—	—
Bloxworth - - -	2,827	203	44	—	—	—	—
Chaldon Herring - - -	3,095	246	54	3	R. J. Weld, Esq. - - -	—	—
Church Knowle - - -	2,922	472	110	—	—	—	—
Coombe Keynes - - -	2,011	109	24	20	R. J. Weld, Esq. - - -	—	—
Corfe Castle - - -	8,921	1,406	250	8	Trustees of Bankes Settled Estates. - - -	—	—
East Holme - - -	1,070	71	15	—	—	—	—
East Lulworth - - -	2,304	301	79	47	R. J. Weld, Esq. - - -	Wells & springs	Mostly good and suffi- cient.
East Stoke - - -	4,631	358	81	—	—	—	—
Kimmeridge - - -	995	117	24	—	—	—	—
Langton Matravers - - -	2,316	878	165	65	Swanage U.D.C. (bulk) - - -	—	—
Morden - - -	3,677	473	100	—	—	—	—
Moreton - - -	2,157	341	79	—	—	—	—
Steeple - - -	3,368	208	46	—	—	—	—
Studland - - -	5,073	543	94	72	Trustees of Bankes Settled Estates. - - -	—	—
Turnerspuddle - - -	1,999	68	16	—	—	—	—
Tyneham - - -	2,967	209	60	—	—	—	—
Wareham St. Martin. - - -	8,385	506	109	—	—	—	—
West Lulworth - - -	2,575	478	127	127	R. J. Weld, Esq. - - -	—	—
Winfrith Newburgh - - -	5,015	768	196	44	Do. - - -	Wells and springs	Mostly good and suffi- cient.
Wool - - -	2,587	463	103	103	Do. - - -	—	—
Worth Matravers - - -	2,712	217	48	—	—	Wells and springs	Mostly good and suffi- cient.
<b>Weymouth R.D.:</b>							
Abbotsbury - - -	4,270	664	177	177	Earl of Ilchester - - -	—	—
Binecombe - - -	982	146	39	—	—	Wells - - -	Good.
Broadway - - -	1,051	854	245	155	Weymouth Waterworks Co. - - -	Wells and spring	Good.
Chickerell - - -	1,580	970	269	139	Do. (part in bulk) - - -	Wells - - -	Good.
Fleet - - -	966	110	34	—	—	—	—
Langton Herring - - -	974	172	37	37	E. A. Sparks, Esq. - - -	—	—
Osmington - - -	2,208	331	94	94	R. H. Brutton, Esq. - - -	—	—
Owermoigne - - -	4,044	331	84	—	—	Spring and wells	Good.
Portisham - - -	4,511	550	139	139	Portisham P.C. - - -	—	—
Poxwell - - -	834	68	16	—	—	Wells - - -	Good.
Preston - - -	2,618	691	184	184	Weymouth Waterworks Co. - - -	—	—
Radipole - - -	2,017	310	76	23	Do. - - -	Wells - - -	Good.
Upway - - -	1,792	871	242	91	Weymouth Waterworks Co. - - -	Wells and springs	Good.
Wyke Regis - - -	1,154	2,330	523	504	Portland U.D.C. - - -	Wells - - -	Good.
					Weymouth Waterworks Co. - - -	Spring - - -	Good.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1	2.	3.	4.	5.	6.	7.	8.
<b>Dorsetshire—cont.</b>							
<b>Wimborne and Cranborne R.D.:</b>							
Alderholt - - -	3,769	741	193	—	—		
Almer - - -	1,170	127	30	—	—		
Chalbury - - -	818	133	36	—	—		
Colehill - - -	1,605	1,174	295	97	Bournemouth Gas & Water Co.		
Corfe Mullen - -	3,231	939	241	—	—		
Cranborne - - -	4,421	702	174	—	—		
East Woodlyates -	279	—	—	—	—		
Edmondsham - -	1,803	214	53	—	—		
Gussage All Saints	2,473	299	76	—	—		
Gussage St. Michael	2,461	159	43	—	—		
Hampreston - - -	5,351	2,130	516	22	Bournemouth Gas & Water Co.		
Handley - - -	6,014	850	218	—	—		
Hinton Martell -	1,554	328	83	60	W. Bart, Esq.		
Hinton Parva - -	472	67	20	—	—		
Holt - - -	5,562	828	218	—	—	Wells - -	Good and adequate.
Horton - - -	2,761	405	100	—	—		
Long Critchel - -	2,018	142	31	—	—		
More Critchel - -	1,991	287	83	—	—		
Pamphill - - -	5,703	747	189	16	Bournemouth Gas & Water Co.		
Pentridge - - -	1,774	153	52	—	—		
Shapwick - - -	2,683	318	71	—	—		
Sturminster Mar- shall. - - -	3,995	740	199	—	—		
Verwood - - -	3,679	1,146	310	—	—		
West Parley - - -	3,954	834	222	84	Bournemouth Gas & Water Co.		
West Woodlyates -	817	48	8	—	—		
Wimborne St. Giles	5,947	597	144	—	—		
Witchampton - -	2,111	472	135	—	—		
Woodlands - - -	2,594	384	100	—	—		
<b>DURHAM.</b>							
<b>Annfield Plain U.D.</b>	3,489	16,552	2,922	2,906	Weardale & Consett Water Co.	Wells - -	Satisfactory and adequate.
<b>Barnard Castle U.D.</b>	560	4,757	1,032	1,029	Barnard Castle U.D.C. - -	Do. - -	Satisfactory.
<b>Benfieldside U.D.</b>	1,525	8,355	1,675	1,667	Weardale & Consett Water Co.	Do. - -	Satisfactory (soft).
<b>Bishop Auckland U.D.</b>	691	13,834	2,906	2,906	Bishop Auckland U.D.C. and Weardale & Consett Water Co. (bulk).	—	—
<b>Blaydon U.D.</b>	9,314	31,139	5,636	5,470	Newcastle & Gateshead Water Co.	(a) Wells and springs, (b) colliery workings.	(a) Some liable to pollution, (b) hard; sufficient.
<b>Brandon and Byshottles U.D.</b>	6,669	17,667	3,374	3,359	Weardale & C. Water Co. - Weardale & Consett Water Co.	Springs - -	Satisfactory.
<b>Chester le Street U.D.</b>	2,511	14,712	2,861	2,861	Do.	—	—
<b>Consett U.D.</b>	1,005	11,207	2,169	2,169	Do.	Wells - -	Good.
<b>Crook U.D.</b>	4,056	12,308	2,476	2,462	Do.	—	—
<b>Darlington B.</b>	3,956	55,631	11,918	11,918	Darlington T.C. - - -	—	—
<b>Durham B.</b>	1,066	17,550	2,722	2,722	Weardale & Consett Water Co.	—	—
<b>Felling U.D.</b>	2,684	25,026	4,085	4,079	Newcastle & Gateshead W. Co.	Springs - -	Satisfactory.
<b>Gateshead C.B.</b>	3,132	116,917	15,968	15,968	Do. do.	—	—
<b>Hartlepool B.</b>	735	20,615	3,789	3,789	Hartlepool Gas and Water Co.	—	—
<b>Hebburn U.D.</b>	1,241	21,763	3,147	3,143	Sunderland and South Shields Water Co.	Wells - -	Satisfactory and plentiful.
<b>Hetton U.D.</b>	1,617	15,678	3,083	3,083	Hetton le Hole and Easington Lane Water Co., Ltd.	—	—
<b>Houghton le Spring U.D.</b>	1,551	9,753	1,858	1,844	Sunderland, &c., Water Co. (bulk) Lambton & Hetton Collieries, Ltd. (bulk).	Springs - -	Doubtful.
<b>Jarrow B.</b>	783	33,726	4,606	4,606	Sunderland, &c., Water Co. -	—	—
<b>Leadgate U.D.</b>	1,836	4,990	1,025	1,015	Weardale & Consett Water Co.	Wells - -	Satisfactory & sufficient.
<b>Ryton U.D.</b>	5,169	12,948	2,525	2,475	Newcastle & Gateshead W. Co.	Wells & springs -	Satisfactory.
<b>Seaham Harbour U.D.</b>	1,101	15,757	2,147	2,147	Sunderland, &c., Water Co. -	—	—
<b>Shildon U.D.</b>	1,066	13,488	3,009	3,009	Weardale & Consett Water Co.	—	—
<b>South Shields C.B.</b>	2,399	108,647	13,768	13,768	Sunderland, &c., Water Co. -	—	—
<b>Southwick on Wear U.D.</b>	856	13,784	2,256	2,256	Do.	—	—
<b>Spennymoor U.D.</b>	3,388	17,909	3,556	3,544	Weardale & Consett Water Co.	Springs - -	Fair and adequate.
<b>Stanhope U.D.</b>	216	2,010	438	438	Stanhope U.D.C. - - -	—	—
<b>Stanley U.D.</b>	3,593	23,294	3,966	3,963	Weardale & Consett Water Co.	(a) Wells and (b) springs.	(a) Good, (b) fairly good.
<b>*Stockton on Tees B.</b>	5,355	58,657	11,841	11,797	Tees Valley Water Board -	Wells - -	Potable and adequate.
<b>Sunderland C.B.</b>	3,357	151,159	23,546	23,546	Sunderland, &c., Water Co. -	—	—
<b>Tanfield U.D.</b>	4,779	10,101	1,922	1,922	Weardale & Consett Water Co.	—	—
<b>Tow Law U.D.</b>	477	4,324	928	928	Do.	—	—
<b>West Hartlepool C.B.</b>	2,684	63,923	12,930	12,900	Hartlepool Gas and Water Co.	Wells - -	Satisfactory.

\* Stockton on Tees B.—As extended from 9th November 1913.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Durham—cont.</b>							
Whickham U.D.	5,914	18,332	3,153	3,149	Newcastle and Gateshead Water Co.	Springs -	Variable.
Willington U.D.	3,793	8,731	1,715	1,705	Weardale & Consett Water Co. Weardale & Consett Water Co.	Do. -	Satisfactory.
<b>Auckland R.D.:</b>							
Auckland St. And- rew.	1,275	5,605	1,233	1,233	Bishop Auckland U.D.C. Weardale & Consett Water Co.	—	—
Auckland St. Helen	1,510	1,622	345	341	Do.	Wells & springs -	Good and generally adequate.
Binchester -	596	50	10	8	Weardale & Consett Water Co.	Spring -	
Bolam -	1,013	124	27	—	—	Wells & springs -	
Byers Green -	935	2,349	490	489	Weardale & Consett Water Co.	Springs -	—
Coundon -	794	6,912	1,430	1,430	Do.	—	—
Coundon Grange -	669	3,627	781	780	Do.	Spring -	Good and generally adequate.
Eldon -	1,421	1,657	313	297	Do.	Springs -	
Escomb -	1,029	2,783	706	706	Do.	—	
Evenwood and Barony.	5,437	4,987	1,000	960	Do. (part in bulk)	Wells & springs	—
Hamsterley -	2,985	425	106	—	—	Do.	—
Helmington Row -	1,303	4,841	948	935	Weardale & Consett Water Co.	Springs -	Good and generally adequate.
Hunwick and Hel- mington.	1,977	2,464	580	573	Do.	Springs & River Wear.	
Lynessack and Softley.	3,742	2,706	587	547	Barnard Castle R.D.C. (bulk) Weardale & Consett Water Co.	Springs & wells	
Merrington -	1,646	882	190	187	Do.	Well -	Good and generally adequate.
Middlestone -	893	1,984	392	385	Do.	Spring & surface water.	
Middridge -	1,132	452	122	116	Do.	Springs & wells-	
Middridge Grange -	977	79	14	11	Do.	Springs -	—
Newfield -	341	1,340	249	247	Do. (part in bulk)	Springs & wells-	—
Newton Cap -	1,304	1,192	237	230	Weardale & Consett Water Co.	Springs -	—
North Bedburn -	2,843	2,542	516	498	Do.	Springs & wells-	—
Old Park -	414	885	154	149	Do.	Springs -	—
Pollard's Lands -	1,896	1,123	215	215	Do.	—	—
South Bedburn -	10,039	226	56	—	Weardale & Consett Water Co.	Wells and springs.	Good and generally adequate.
West Auckland -	3,407	4,471	940	936	Do.	—	
Westerton -	699	521	94	94	Do.	—	
Whitworth With- out.	583	77	16	16	Do.	—	—
Windlestone -	1,188	188	39	10	Do.	Springs and wells.	Good and generally adequate.
Witton le Wear -	3,192	2,271	458	439	Do.	—	
<b>Barnard Castle R.D.:</b>							
Cleatham -	1,124	78	20	20	Tees Valley Water Board	—	—
Cockfield -	1,606	2,672	540	540	Barnard Castle R.D.C.	—	—
Eggleston -	8,042	461	133	—	—	Springs -	Good and plentiful.
Forest and Frith -	17,699	537	123	—	—	Wells -	Fair, but plentiful.
Gainford -	2,345	1,172	201	164	Tees Valley Water Board	Do.	Good and plentiful.
Headlam -	808	90	17	7	Do.	Do.	Moderate, but plentiful.
Hilton -	1,096	119	20	—	—	Do.	—
Ingleton -	847	322	79	—	—	Do.	—
Langleydale with Shotton.	4,600	195	40	—	—	Do.	—
Langton -	1,085	94	18	1	Tees Valley Water Board	—	—
Marwood -	7,225	378	76	4	Do.	—	—
Middleton in Tees- dale.	10,495	1,863	498	395	Barnard Castle R.D.C.	Springs -	—
Morton Timmouth -	416	33	7	—	—	Wells -	—
Newbiggin -	4,640	316	92	—	—	Springs -	—
Raby with Kever- stone.	2,814	259	51	—	—	Springs & wells-	Good and plentiful.
Staindrop -	2,006	1,380	335	127	Tees Valley Water Board	Wells -	
Streatlam and Stainton.	2,938	313	73	—	—	Springs & wells-	—
Wackerfield -	751	132	30	—	—	Wells -	—
Westwick -	1,467	78	12	—	—	Springs & wells-	—
Whorlton -	1,969	220	49	2	Tees Valley Water Board	Wells -	—
Winston -	3,044	312	87	65	—	—	—
Woodland -	2,884	657	130	130	Barnard Castle R.D.C.	—	—
<b>Chester le Street R.D.:</b>							
Barnston -	919	492	102	94	Sunderland and South Shields Water Co. (bulk).	Wells -	Fair.
Birtley -	1,429	8,409	1,662	1,655	Newcastle, &c., Water Co.	—	—
Bourn Moor -	513	1,320	258	258	Lambton & Hetton Collieries, Ltd.	—	—
Cocken -	464	190	34	32	Weardale & Consett Water Co. (part in bulk).	Wells -	Fair.
Edmondsley -	2,104	2,222	456	449	Weardale & Consett Water Co.	Do.	Mostly fair, some doubtful
Great Lumley -	1,642	2,177	448	425	Do. (bulk)	Do.	
Harraton -	3,002	3,399	664	648	Weardale & Consett Water Co. Lambton, &c. Collieries, Ltd.	Do.	Fair.
Lambton -	691	130	30	27	Newcastle, &c., Water Co. (bulk) Newcastle, &c., Water Co.	Wells -	Fair, some insufficient.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Durham—cont.</b>							
<b>Chester le Street R.D.—cont.</b>							
Lamesley - - -	7,177	6,369	1,325	1,264	Weardale & Consett Water Co. (part in bulk). Newcastle & Gateshead Water Co.; & Messrs. John Bowes & Partners, Ltd.	Wells - - -	Fair, but some insufficient.
Little Lumley - -	867	1,239	325	318	Weardale & Consett Water Co. (bulk).		
Ouston - - -	641	942	165	157	Weardale & Consett Water Co.	Do. - - -	Fair.
Pelton - - -	1,078	8,118	1,785	1,783			
Plawsworth - - -	1,320	1,333	291	286			
South Biddick - -	352	57	20	17	Newcastle, &c., Water Co.		
Urpeth - - -	1,860	3,320	713	672	Weardale & Consett Water Co.		
Usworth - - -	2,134	7,986	1,552	1,540	Newcastle, &c., Water Co. (bulk)	Do. - - -	Do.
Waldrige - - -	680	1,256	283	274	Weardale & Consett Water Co.		
Washington - - -	1,973	7,821	1,549	1,491	Sunderland & South Shields Water Co. (bulk); & Newcastle, &c., Water Co. (bulk).	Do. - - -	Fair, but some insufficient.
Witton Gilbert - -	3,255	7,098	1,562	1,555	Weardale & Consett Water Co.	Do. - - -	Fair.
<b>Darlington R.D.:</b>							
Archdeacon Newton	1,064	48	8	—	—		
Barnpton - - -	1,545	87	20	—	—	Wells - - -	Good.
Blackwell - - -	1,564	405	87	36	Darlington T.C. - - -	Do. - - -	Some good.
Brafferton - - -	2,428	144	40	—	—		
Coatham Mundeville	1,745	129	34	—	—		
Cockerton - - -	1,421	1,099	250	227	Darlington T.C. - - -	Do. - - -	Do.
Denton - - -	987	96	18	—	—		
Great Aycliffe - -	2,078	750	175	149	Darlington R.D.C. - - -	Do. - - -	Bad.
*Great Burdon - -	605	94	21	—	—	Do. - - -	Doubtful.
Haughton le Skerne	1,743	1,349	329	292	Darlington T.C. - - -		
Heighington - - -	2,209	658	179	—	—	Springs and wells	
High Coniscliffe - -	2,140	312	75	32	Tees Valley Water Board	Wells - - -	Some good.
Houghton le Side - -	1,065	82	16	—	—	Spring and wells	
Hurworth - - -	2,438	1,452	380	286	Tees Valley Water Board		
Killerby - - -	635	70	20	—	—		
Low Coniscliffe - -	1,037	149	30	—	—		
Low Dinsdale - - -	1,174	252	40	21	—		
Middleton St. George.	2,516	1,531	345	313	Tees Valley Water Board		
Morton Palms - - -	1,359	71	14	7	—		
*Neasham - - -	1,637	336	83	—	—		
Piercebridge - - -	973	209	51	46	Tees Valley Water Board	Wells - - -	Some good.
Redworth - - -	1,886	451	93	44	Weardale & Consett Water Co.		
Sadberge - - -	2,088	412	95	93	Tees Valley Water Board		
School Aycliffe - -	540	21	3	—	—		
Sockburn - - -	712	61	12	—	—		
Summerhouse - - -	830	131	31	—	—		
Walworth - - -	2,156	147	30	—	—		
Whessoe - - -	1,444	368	75	62	Darlington T.C. - - -		
<b>Durham R.D.:</b>							
Bearpark - - -	1,137	1,758	304	302	Weardale, &c., Water Co. -	Wells - - -	Good and adequate.
Belmont - - -	1,604	3,246	680	677			
Brancepeth - - -	3,752	384	73	50	Do. - - -		
Broom - - -	1,086	3,260	694	694			
Cassop cum Quar- rington. {	3,257	2,967	565	525	Weardale, &c., Water Co. - Messrs. Walter Scott, Ltd. (part in bulk).		
Coxhoe - - -	1,058	3,833	726	724	Do. do. - - - The Steeley Lime Co. - Weardale, &c., Water Co. -	Wells - - -	Good and adequate.
Framwellgate Moor	3,745	2,552	503	450			
Hett - - -	1,279	369	80	65	Do. - - -		
Kimblesworth - -	626	1,221	244	238			
Neville's Cross - -	305	962	220	220	Do. - - -		
Pittington - - -	2,371	2,130	459	431	Weardale, &c., Water Co. - Hetton le Hole & Easington Lane Water Co. Ltd.		
St. Oswald's - - -	2,227	631	141	130	Weardale & Consett Water Co. Weardale, &c., Water Co. (bulk) & thro' Lambton & Hetton Collieries, Ltd.		
Shadforth - - -	2,904	1,744	416	396	Weardale Steel, Coal & Coke Co. Ltd.		
Sherburn - - -	1,310	2,918	635	626	Weardale, &c., Water Co. & through Lambton & Hetton Collieries, Ltd.	Wells - - -	Good and adequate.
Sherburn House - -	740	217	37	33	Master & Governors of Sher- burn Hospital.		
Shincliffe - - -	1,378	1,015	275	260	Weardale, &c., Water Co. (bulk). Weardale, &c., Water Co. - Master & Governors of Sher- burn Hospital.		

\* Great Burdon and Neasham.—Tees Valley Water Board is about to furnish supplies in these parishes.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Durham—cont.</b>							
<b>Durham R.D.—cont.</b>							
Sunderland Bridge	1,438	1,431	282	277	Weardale & Consett Water Co.	Wells	Good and adequate.
Whitwell House	643	152	31	26	Master & Governors of Sherburn Hospital.		
<b>Easington R.D.:</b>							
Burdon	1,135	124	25	10	Sunderland and South Shields Water Co.	Wells	Satisfactory.
Castle Eden	1,949	1,829	400	370	Wingate and District Water Co., Ltd.; also through Messrs. J. Nimmo & Son, Ltd.		
Cold Hesleden	1,030	833	130	112	Sunderland, &c., Water Co.	Wells & spring	Good.
Dalton le Dale	812	472	90	82	Do.		
Easington	5,073	2,711	650	493	Do.	Wells & spring	Good.
East Murton	1,496	7,721	1,500	1,500	Do. (part in bulk)		
Haswell	3,224	5,860	1,240	1,240	Haswell and Shotton Water Co., Ltd.	Wells	Satisfactory.
Hawthorn	1,520	412	90	67	South Hetton Coal Co., Ltd.		
Hutton Henry	2,017	3,247	700	616	Sunderland &c., Water Co. (bulk)	Wells	Satisfactory.
Kelroe	1,596	996	185	185	Messrs. Walter Scott, Ltd.		
Monk Hesleden	2,540	2,093	500	433	The Horden Collieries, Ltd.	Wells	Satisfactory.
Nesbitt	333	19	2	—	Wingate, &c., Water Co. Ltd. (bulk).		
Seaham	1,525	6,342	1,115	1,115	Do.	Do.	Satisfactory.
Seaton with Slingley.	1,392	388	80	68	Sunderland, &c., Water Co.		
Sheraton and Hulam.	2,346	162	35	—	Do.	Wells	Satisfactory.
Shotton	3,707	12,561	2,210	2,182	Messrs. T. Brough, B. M. Brough, H. W. Brough, and Representatives of the late John Brough.		
Thornley	1,148	3,380	709	636	Do.	Wells & springs	Good.
Wingate	4,175	10,890	1,940	1,940	Sunderland, &c., Water Co. (bulk).		
<b>Hartlepool R.D.:</b>							
Brierton	762	29	6	—	The Horden Collieries, Ltd.	Wells	Satisfactory.
Claxton	881	67	11	—	Weardale Steel, Coal and Coke Co., Ltd. (part in bulk).		
Dalton Piercy	1,006	86	22	—	Wingate, &c., Water Co. Ltd.	Wells	Satisfactory.
Elwick	1,537	188	60	—	Weardale Steel, &c., Co., Ltd. (part in bulk).		
Elwick Hall	4,438	185	39	—	Messrs. Walter Scott, Ltd.	Wells	Satisfactory.
Greatham	2,491	972	230	188	Do.		
Hart	2,373	276	58	32	Do.	Wells & springs	Satisfactory.
Seaton	2,831	347	75	7	Hartlepool Gas & Water Co.		
Stranton	826	149	29	11	Do.	Wells & springs	Satisfactory.
Thorpe Bulmer	852	21	4	—	Do.		
Throston Rural	1,093	1,035	25	15	Hartlepool Gas & Water Co.	Wells & springs	Satisfactory.
<b>Houghton le Spring R.D.:</b>							
East and Middle Herrington	998	248	56	48	Sunderland, &c., Water Co. (bulk).	Springs	Satisfactory.
East Rainton	1,091	1,503	318	280	Weardale & Consett Water Co.		
Great Eppleton	706	73	13	9	Hetton le Hole and Easington Lane Water Co. Ltd.	Do.	Fairly satisfactory.
Little Eppleton	337	30	7	7	Do.		
Moor House	282	71	18	18	Do.	Springs & wells	Some satisfactory.
Moorsley	603	1,038	227	227	Weardale & Consett Water Co.		
Morton Grange	462	1,190	210	240	North Hetton Coal Co.	Springs	Fairly satisfactory.
Newbottle	1,454	7,191	1,402	1,402	Lambton & Hetton Collieries		
Offerton	926	318	61	56	Sunderland, &c., Water Co.	Springs & wells	Some satisfactory.
Painshaw	1,087	6,431	1,360	1,360	Lambton, &c., Collieries (bulk)		
Silksworth	1,993	1,161	250	240	Sunderland, &c., Water Co.	Springs	Fairly satisfactory.
Warden Law	499	91	17	10	Hetton le Hole, &c., Water Co.		
West Herrington	979	3,828	720	720	Lambton, &c., Collieries, Ltd.	Springs & well	Satisfactory.
West Rainton	1,775	2,354	513	500	Weardale & Consett Water Co.		
<b>Lanchester R.D.:</b>							
Cornsay	3,039	2,069	407	401	Lambton, &c., Collieries, Ltd.	Wells & springs	Good and generally adequate.
Craghead	1,242	3,896	706	700	Do.		
Elcheater	599	510	140	134	Do.	Wells & springs	Good and generally adequate.
Esh	3,148	10,175	1,995	1,975	Do.		
Greencroft	1,676	381	75	68	Do.	Wells & springs	Good and generally adequate.
Healeyfield	2,168	904	204	184	Do.		
Hedleyhope	1,607	808	241	237	Do.		

\* Lambton and Heslton Collieries, Ltd., convey the water to Warden Law by rail.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Durham—cont.</b>							
<b>Lanchester R.D.—</b>							
<i>cont.</i>							
Knitsley - - -	2,201	881	187	165	Weardale & Consett Water Co.	Wells & springs	Good and generally ade- quate.
Lanchester - - -	13,483	5,208	929	849			
Langley - - -	2,404	513	118	112			
Medomsley - - -	3,769	6,221	1,267	1,153			
Muggleswick - -	12,465	367	83	3			
Satley - - -	3,350	302	69	—	—	Do.	Do. do.
<b>Sedgefield R.D.:</b>							
Bishop Middleham	2,087	688	156	156	Weardale & Consett Water Co.	—	—
Bishopthorpe - -	2,178	349	77	77	Tees Valley Water Board	—	—
Bradbury - - -	2,111	229	36	26	Weardale & Consett Water Co. (bulk).	—	—
Butterwick and Oldacres.	1,543	50	9	—	—	Wells - -	Good and adequate.
Chilton - - -	2,422	6,070	1,087	1,087	Weardale & Consett Water Co.	—	—
Cornforth - - -	1,758	5,895	1,352	1,352			
East and West Newbiggin.	852	48	7	—	—	Wells - -	Good and adequate.
Elstob - - -	738	61	12	—	—		
Embleton - - -	3,425	128	25	—	—		
Ferryhill - - -	2,196	10,133	2,007	2,007	Weardale & Consett Water Co. (part in bulk).		
Fishburn - - -	2,126	331	67	67	Do. (bulk).		
Foxton and Shotton	1,803	61	10	—	—	Wells - -	Good and adequate.
Garmondsway Moor	1,149	125	26	20	Weardale & Consett Water Co. thru' Raisby Hill Quarries.		
Little Stainton - -	1,145	58	12	4	Tees Valley Water Board		
Mainsforth - - -	652	147	49	49	Weardale & Consett Water Co.	—	—
Morden - - -	1,572	140	26	—	—	Wells - -	Good and adequate.
Preston le Skerne	2,680	134	20	—	—		
Sedgefield - - -	5,259	3,327	348	348	Weardale, &c. Water Co. (bulk)	—	—
Stainton le Street or Great Stainton	1,258	92	18	—	—	Wells - -	Good and adequate.
Stillington - - -	1,153	87	12	—	—	Wells - -	Good and adequate.
Thrislington - - -	595	105	20	20	Weardale & Consett Water Co.		
Trimdon - - -	2,495	5,259	991	991	Messrs. Walter Scott, Ltd.		
Woodham - - -	3,809	180	24	—	—	Wells - -	Good and adequate.
<b>South Shields</b>							
<b>R.D.:</b>							
Boldon - - -	2,483	2,982	689	686	Sunderland and South Shields Water Co.	Wells - -	Satisfactory.
Boldon Colliery - -	1,851	4,374	845	845	Do. do.	—	—
Harton - - -	1,029	2,064	198	198			
Monkton - - -	2,750	655	135	131	Do. do.	Wells - -	Satisfactory.
Whitburn - - -	3,960	4,106	873	870			
<b>Stockton R.D.:</b>							
Aislaby - - -	1,810	99	17	—	Tees Valley Water Board	Wells - -	Good and adequate.
Billingham - - -	3,036	4,463	915	883			
Carlton - - -	1,500	251	56	25			
Cowpen Bewley - -	3,348	965	175	127			
Egglescliffe - - -	1,523	1,383	365	329			
Elton - - -	1,889	184	36	15			
Grindon - - -	3,511	428	98	30			
Longnewton - - -	4,311	305	63	31			
Newsham - - -	1,561	67	15	—			
Newton Bewley - -	1,564	132	31	—			
Norton - - -	2,790	301	67	30	Tees Valley Water Board	—	—
Preston upon Tees -	1,117	775	213	203			
Redmarshall - - -	875	55	13	1			
Whitton - - -	784	1,113	224	195			
Wolviston - - -	2,446	655	158	58			
<b>Sunderland R.D.:</b>							
<i>Without.</i>							
Bishopwearmouth	460	346	33	33	Sunderland and South Shields Water Co.	—	—
Ford - - -	1,029	3,113	645	645			
Fulwell - - -	649	5,075	1,047	1,047			
Hylton - - -	2,593	3,038	544	544			
Ryhope - - -	1,441	11,185	1,838	1,838			
Tunstall - - -	808	6,245	1,102	1,102			
<b>Weardale R.D.:</b>							
Edmondbyers - - -	5,103	221	61	20	Weardale R.D.C. - - -	Springs - -	Good.
Hunstonworth - - -	8,039	247	67	—	—		
Stanhope - - -	60,620	5,769	1,441	478	Weardale R.D.C. - - -		
Wolsingham - - -	21,909	3,414	686	553	Weardale & Consett Water Co. Weardale R.D.C. - - -		
<b>ELY, ISLE OF.</b>							
Chatteris U.D. - -	13,719	5,259	1,257	924	Wisbech Waterwks. Co. (bulk)	Wells - -	Fair.
Ely U.D. - - -	16,742	7,917	1,844	1,602	Ely U.D.C. - - -	Rivers Ouse and Lark at Ade- laide & Prick- willow; rain- water at Chet- tisham.	Suitable for domestic purposes after being boiled, filtered at Ade- laide; abundant.



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Ely, Isle of—cont.</b>								
March U.D. - -	19,777	8,403	2,018	1,558	Wisbech Waterworks Co.	Rainwater -	Adequate.	
Whittlesey U.D. -	362	4,207	1,047	—	—	(a) Wells; (b) rivers & streams; (c) rainwater.	(a) Some fairly good; (b) & (c) doubtful; adequate.	
Wisbech B. - -	6,477	10,822	12,640	2,610	Wisbech Waterworks Co.	Rainwater -	Moderate.	
<b>Ely R.D. :</b>								
Coveney - -	2,170	445	118	—	—	Wells, springs, & pond (filtered).	Satisfactory.	
Downham - -	10,154	1,887	439	—	—	Rain-water, wells, springs, river, & Fen drains.		
Grunt Fen - -	1,793	88	15	—	—	Rain-water -		
Haddenham - -	8,925	1,678	433	20	Ely R.D.C. - -	Wells, springs, Fen drains, & rain-water.		
Littleport - -	17,208	4,477	1,016	—	—	Wells, R. Ouse (some filtered), Fen drains, & rain-water.		
Mepal - -	1,708	341	93	—	—	Wells, river, rain-water, & Fen drains.		
Redmere - -	632	50	8	—	—	Rain-water -		
Stretham - -	4,019	961	265	—	—	Springs, stream, rain - water, wells, & Fen drains.		
Sutton - -	7,145	1,531	384	—	—	Wells, rain-water, river, & Fen drains.		
Thetford - -	1,078	209	42	—	—	Wells, spring, rain - water, & River Ouse.		
Wentworth - -	1,369	116	26	—	—	Wells -	Doubtful, but adequate.	
Wilburton - -	2,437	475	128	—	—	Wells, springs, & rain-water.		
Witcham - -	2,205	268	76	—	—	Springs, rain-water, wells, & Fen drains.		
Witchford - -	2,156	390	105	—	—	—		
<b>North Witchford R.D. :</b>								
Benwick - -	3,208	862	212	—	—	Rain-water and River Nene (filtered).		
Doddington - -	7,054	1,486	323	114	Wisbech Waterworks Co.	Rain-water & wells.	Fair and adequate in Doddington; unfit, but sufficient in Manea.	
Manea - -	5,676	1,473	342	225	Do. (bulk)	—		
Welches Dam -	2,388	156	29	—	—	Rain-water & Old Bedford River.	Doubtful, but adequate.	
Wimblington -	7,762	1,238	272	55	Wisbech Waterworks Co.	Rain-water and wells.	Fair, but scarce in parts.	
<b>Thorney R.D. :</b>								
Stanground North-Thorney - -	1,117	31	5	—	—	Rain-water and drains.	Fairly satisfactory.	
<b>Whittlesey R.D. :</b>								
Whittlesey Rural -	25,837	3,380	744	—	—	Wells, rain-water, river, stream, & dyke.	Liable to pollution, but sufficient.	
<b>Wisbech R.D. :</b>								
Elm - -	11,402	2,140	515	307	Wisbech Waterworks Co.	Rain-water & wells.	Good and generally sufficient.	
Leverington - -	4,298	1,424	362	110	Do.			
Newton - -	3,103	494	122	—	—			
Outwell - -	591	376	110	23	Wisbech Waterworks Co.			
Parson Drove -	4,096	786	195	—	—			
Tydd St. Giles -	4,761	907	191	—	—			
Upwell - -	7,675	1,505	350	96	Wisbech Waterworks Co.			
Wisbech St. Mary -	10,187	2,099	535	—	—	—	—	
<b>ESSEX.</b>								
Barking Town U.D. -	3,805	31,294	5,714	5,698	South Essex Waterworks Co.	Wells -	Satisfactory and adequate.	
Braintree U.D. -	2,224	6,168	1,499	1,468	Metropolitan Water Board -	(a) Wells, springs, (b) rain-water.	(a) Fairly satisfactory, (b) unsatisfactory.	
Brentwood U.D. -	460	6,923	1,314	1,295	South Essex Waterworks Co.	Wells & springs -	Satisfactory.	
Brightlingsea U.D. -	2,867	4,403	1,166	1,125	Brightlingsea U.D.C. -	Wells -	Moderately good and adequate.	
Buckhurst Hill U.D. -	873	4,886	1,012	1,012	Metropolitan Water Board -	—	—	
Burnham on Crouch U.D. -	4,517	3,190	787	725	Burnham on Crouch U.D.C. -	Wells -	Fair.	
Chelmsford B. -	3,112	18,008	3,911	3,875	Chelmsford T.C. -	Wells & springs -	Satisfactory and sufficient.	
Chingford U.D. -	2,808	8,184	1,628	1,627	Chelmsford R.D.C. (bulk) -	Well -	Good.	
					Metropolitan Water Board -	—	—	



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<b>Essex—cont.</b>								
Clacton U.D.	4,069	9,777	2,098	2,057	Clacton U.D.C.	Wells	Fairly good.	
Colchester B.	11,333	43,452	8,699	8,637	Colchester T.C.	(a) Wells, (b) springs.	(a) Fair and abundant, (b) satisfactory & plentiful.	
East Ham B.	3,324	133,487	24,263	24,263	Metropolitan Water Board	—	—	
Epping U.D.	1,420	4,253	950	916	Herts and Essex Waterworks Co., Ltd.	Wells, springs, & pond.	Generally doubtful.	
Frinton on Sea U.D.	422	1,510	313	313	Tendring Hundred Waterworks Co.	—	—	
Grays Thurrock U.D.	1,359	15,998	2,936	2,936	South Essex Waterworks Co.	—	—	
Halstead U.D.	647	6,264	1,575	1,573	Halstead U.D.C.	Wells	Fair and adequate.	
Harwich B.	1,541	13,622	1,964	1,964	Tendring H. Waterworks Co.	—	—	
Ilford U.D.	8,496	78,188	15,832	15,779	South Essex Waterworks Co. Metropolitan Water Board	Wells	Satisfactory.	
Leyton U.D.	2,594	124,735	22,101	22,101	Metropolitan Water Board	Well	Doubtful.	
Loughton U.D.	3,961	5,433	1,178	1,177	Maldon T.C.	—	—	
Maldon B.	3,028	6,253	1,407	1,407	South Essex Waterworks Co.	Wells, springs, ponds, & rainwater.	Satisfactory and ample.	
Romford U.D.	5,630	16,970	3,560	3,308	—	(a) Wells, springs and (b) ponds.	(a) Satisfactory; (b) bad.	
Saffron Walden B.	7,502	6,311	1,450	1,428	Saffron Walden T.C.	Wells	Fair and adequate.	
Shoeburyness U.D.	1,036	5,004	801	801	Shoeburyness U.D.C.	Wells, springs and rainwater.	Good.	
Southend on Sea C.B.	7,082	70,626	17,204	17,176	Southend Waterworks Co. Shoeburyness U.D.C.	(a) Wells, (b) springs and (c) rainwater.	(a) Very poor; (b) satisfactory; (c) serviceable.	
Tilbury U.D.	1,855	6,429	799	747	South Essex Waterworks Co.	—	—	
Waltham Holy Cross U.D.	11,017	6,795	1,489	1,347	Metropolitan Water Board	—	—	
Walthamstow U.D.	4,343	124,580	20,683	20,683	Metropolitan Water Board	—	—	
Walton on the Naze U.D.	2,046	2,172	515	515	Tendring Hundred Waterworks Co.	—	—	
Wanstead U.D.	1,679	13,830	2,843	2,843	Metropolitan Water Board	—	—	
West Ham C.B.	4,683	289,030	44,336	44,336	Witham U.D.C.	Wells, springs, rivers, streams & ponds.	Satisfactory.	
Witham U.D.	3,713	3,480	830	736	—	(a) Wells and (b) springs.	(a) Good; (b) fair and adequate.	
Wivenhoe U.D.	1,564	2,375	621	522	Wivenhoe U.D.C.	—	—	
Woodford U.D.	2,161	18,496	3,816	3,816	Metropolitan Water Board	—	—	
<b>Belchamp R.D.:</b>								
Alphamstone	1,709	176	68	—	—	Wells & springs	Good (generally hard) and adequate.	
Belchamp Otton	1,737	198	68	—	—			
Belchamp St. Paul	2,554	482	161	—	—			
Belchamp Walter	2,194	391	122	—	—			
Borley	794	176	38	—	—			
Bulmer	2,801	661	177	—	—			
Bures	1,846	463	139	—	—			
Foxearth	1,724	335	91	48	Messrs. Ward and Son			
Gestingthorpe	2,708	488	177	—	—			
Great Henny	1,034	183	71	—	—			
Lamarsh	940	198	62	—	—			
Liston	627	100	22	—	—			
Little Henny	419	51	13	—	—			
Middleton	876	133	40	—	—			
North Wood	261	4	3	—	—			
Pentlow	1,898	224	68	—	—			
Twinstead	1,153	170	57	—	—			
Wickham St. Paul	1,225	243	92	—	—			
<b>Billericay R.D.:</b>								
Basildon	1,615	505	160	35	Southend Waterworks Co.	Wells & filtered rainwater.	Generally good and adequate.	
Bowers Gifford	2,496	222	65	32	South Essex Waterworks Co.			
Childerditch	1,635	221	44	4	Southend Waterworks Co.			
Downham	2,204	443	107	36	—	Wells		
Dunton	2,310	246	30	6	—			
East Horndon	1,530	420	93	—	—	Wells & filtered rainwater.		
Great Burstead	3,709	2,116	474	212	South Essex Waterworks Co.			
Hutton	1,699	1,774	198	123	—	Wells		
Ingrave	1,822	512	134	—	—	Wells & filtered rainwater.		
Laindon	2,049	738	195	59	—			
Lee Chapel	475	56	16	2	Southend Waterworks Co.			
Little Burstead	1,839	382	41	29	—			
Little Warley	1,595	1,007	35	6	South Essex Waterworks Co.			
Mountnessing	4,206	959	230	10	—			
Nevedon	1,012	223	56	30	—			
North Benfleet	1,601	229	60	42	—			
Pitsea	1,693	721	175	139	Southend Waterworks Co.			
Ramsden Bellhouse	2,737	576	154	63	—			
Ramsden Crays	1,458	256	70	39	—			



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<b>Essex—cont.</b>							
<b>Billerica R.D.—</b>							
<i>cont.</i>							
Shenfield	2,459	2,311	524	460	South Essex Waterworks Co.	Wells & filtered rainwater.	Generally good & adequate
South Weald	4,632	5,670	827	707			
Vange	1,411	817	201	114			
West Horndon	1,397	123	19	8			
Wickford	1,810	1,028	237	224	Southend Waterworks Co.		
<b>Braintree R.D.:</b>							
Black Notley	2,309	815	131	—	Braintree R.D.C.		
Bocking	4,639	3,448	669	84			
Bradwell	1,205	259	43	—			
Cressing	2,595	574	113	—			
Fairsted	1,963	242	50	—	Braintree R.D.C.		
Faulkbourne	1,151	176	29	—			
Feering	3,204	830	212	1			
Finchingfield	8,430	1,340	266	—			
Great Coggeshall	2,632	2,365	576	377	Braintree R.D.C.		
Great Saling	1,599	264	56	—			
Hatfield Peverel	4,866	1,332	242	—			
Kelvedon	3,212	1,597	314	31			
Little Coggeshall	1,020	329	82	28	Braintree R.D.C.	Wells	Good and plentiful
Markshall	813	33	8	—			
Panfield	1,498	261	45	—			
Pattiswick	1,337	281	59	—			
Rayne	1,707	389	77	—	C. Sebag Montefiore, Esq. Terling P.C.		
Rivenhall	3,428	639	125	—			
Shalford	2,472	508	103	—			
Stisted	3,035	564	146	116			
Terling	3,142	821	198	121	Terling P.C.		
Wethersfield	4,223	1,055	229	—			
White Notley	1,868	341	67	—			
<b>Bumpstead R.D.:</b>							
Ashen	1,500	254	60	—		Springs and wells Wells Wells & filtered pond water. Well	Fairly satisfactory.
Birdbrook	2,072	432	120	—			
Hellon Bumpstead	2,853	558	140	—			
Orvington	688	113	30	—			
Steeple Bumpstead	3,766	916	226	—		Well	
Sturmer	995	321	80	—			
<b>Chelmsford R.D.:</b>							
Boreham	3,801	881	203	—		Wells & springs	Good and sufficient.
Broomfield	2,332	1,209	304	—			
Buttsbury	2,113	697	166	—			
Chignall	2,027	370	94	—			
Danbury	3,495	1,008	253	177	Chelmsford R.D.C.	Wells & springs	Good, but insufficient.
East Hanningfield	2,682	453	96	85			
Good Easter	1,988	454	103	—	Chelmsford R.D.C.	Wells, spring, and pond Wells	Good and sufficient.
Great Baddow	3,911	2,582	652	393			
Great Leighs	3,146	643	171	—			
Great Waltham	7,451	2,063	513	63			
Ingatestone and Fryerning.	4,133	1,915	465	280	Chelmsford R.D.C.	Wells & springs	
Little Baddow	2,756	545	147	66			
Little Leighs	1,079	116	33	—	Chelmsford R.D.C.	Wells	Good, but insufficient.
Little Waltham	2,310	640	167	54			
Margaretting	2,284	677	136	—	Chelmsford R.D.C.	Wells & springs	Good and sufficient.
Mashbury	898	159	41	—			
Pleshey	732	262	71	—			
Rettendon	3,708	835	189	168			
Roxwell	4,782	714	180	—	Chelmsford R.D.C.	Do.	Good, but insufficient.
Ranwell	2,070	316	87	65			
Sandon	2,408	524	127	55			
South Hanningfield	1,488	230	50	—			
Springfield	2,268	482	110	—	Southend Waterworks Co. Chelmsford R.D.C. Do.	Wells and rain- water Wells	Good and sufficient.
Stock	2,724	587	151	—			
West Hanningfield	2,839	441	112	—			
Widford	680	355	80	54			
Woodham Ferrers	4,482	984	250	241	Chelmsford T.C.	Wells	Good and sufficient.
Writtle	8,458	2,649	630	250			
<b>Dunmow R.D.:</b>							
Aythorpe Roding	1,394	202	49	—		Wells	
Bardfield Saling	1,198	270	58	—			
Barnston	1,349	163	38	—			
Broxted	3,179	548	129	—			
Chickney	713	32	7	—	Dunmow R.D.C.	Wells	
Feisted	6,426	1,969	490	50			
Great Bardfield	3,668	858	197	—			
Great Canfield	2,490	305	63	—			
Great Dunmow	6,795	2,792	700	217	Dunmow R.D.C.	Spring & wells	Very variable.
Great Easton	2,559	648	155	—			
Hatfield Broad Oak	8,810	1,672	418	162			
High Easter	4,902	669	158	—			
High Roding	1,778	414	94	—	Herts. and Essex Waterworks Co., Ltd., thro' Hatfield Broad Oak Water Co., Ltd.	Wells	
Leaden Roding	913	175	40	—			



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<b>Essex—cont.</b>							
<b>Dunmow R.D.—</b>							
<i>cont.</i>							
Lindsell - - -	1,986	202	40	—	Metropolitan Water Board	Wells & ponds -	Very variable.
Little Bardfield - -	1,806	244	55	—			
Little Canfield - -	1,492	231	60	—			
Little Dunmow - -	1,728	320	60	—			
Little Easton - -	1,602	274	76	—			
Margaret Roding - -	1,285	214	47	—			
Stebbing - - -	4,383	976	222	—			
Takeley - - -	3,188	811	197	—			
Thaxted - - -	6,251	1,672	406	—			
Tilty - - -	1,068	85	20	—			
White Roding - -	2,540	338	87	—			
<b>Epping R.D.:</b>							
Chigwell - - -	4,136	2,742	645	584	Herts. and Essex Water- works Co.	Wells - -	Fairly satisfactory.
Epping Upland - -	4,743	806	205	48			
Great Parndon - -	2,231	556	142	14			
Harlow - - -	4,015	2,980	763	636			
Lutton - - -	1,625	269	59	36			
Little Parndon - -	524	76	21	12			
Magdalen Laver - -	1,239	143	34	12			
Matching - - -	2,417	554	134	9			
Nazeing - - -	3,952	847	210	128			
Netteswell - - -	1,552	633	154	38			
North Weald Bassett -	3,422	1,146	295	276			
Roydon - - -	3,031	1,138	291	103			
Sheering - - -	1,646	664	171	127			
Theydon Bois - -	2,121	1,134	285	273			
Theydon Garnon - -	2,401	271	67	38			
<b>Halstead R.D.:</b>							
Castle Hedingham - -	2,436	988	268	—	Messrs. R. Hunt and Co., Ltd.*	Wells - -	Good and adequate.
Colne Engaine - -	2,429	583	147	—			
Earl's Colne - -	2,965	1,871	477	139			
Gosfield - - -	3,033	463	134	—			
Great Maplestead - -	1,824	411	82	—			
Great Yeldham - -	1,871	600	150	—			
Halstead Rural - -	4,986	776	192	—			
Little Maplestead - -	1,212	234	69	—			
Little Yeldham - -	1,009	279	61	—			
Pebmarsh - - -	2,062	392	124	—			
Ridgewell - - -	1,410	455	144	—			
Sible Hedingham - -	5,372	1,789	483	—			
Stambourne - - -	2,204	326	108	—			
Tilbury juxta Clare -	1,026	176	44	—			
Toppesfield - -	3,360	604	173	—			
White Colne - -	1,513	385	100	—		Do. - -	Unsatisfactory in parts.
<b>Lexden and Wins- tree R.D.:</b>							
Abberton - - -	1,068	179	54	—	Lexden and Winstree R.D.C.	Wells - -	Poor and uncertain.
Aldham - - -	1,865	383	100	—			
Birch - - -	3,413	772	182	—			
Boxted - - -	3,177	1,015	189	—			
Chapel - - -	1,149	390	90	—			
Copford - - -	2,135	711	156	—			
Dedham - - -	2,568	1,500	390	—			
East Donyland - -	1,377	1,395	432	290			
Easthorpe - - -	991	108	19	—			
East Mersea - - -	1,991	216	70	—			
Fingringhoe - - -	2,560	525	129	—			
Fordham - - -	2,522	626	166	—			
Great Horkesley - -	3,204	779	177	—			
Great Tey - - -	2,798	601	157	—			
Great Wigborough -	2,157	205	53	—			
Inworth - - -	1,688	806	164	—			
Langenhoe - - -	2,091	197	49	—			
Langham - - -	2,977	594	162	—			
Laver Breton - -	1,260	250	61	—			
Laver de la Haye -	2,695	653	187	—			
Laver Marney - -	2,200	298	61	—			
Little Horkesley - -	1,026	184	36	—			
Little Tey - - -	343	73	15	—			
Little Wigborough -	1,105	45	18	—			
Marks Tey - - -	1,180	586	126	—			
Messing - - -	2,615	770	165	—			
Mount Bures - -	1,293	241	54	—			
Peldon - - -	2,252	409	106	—			
Salcott - - -	274	187	48	—			
Stanway - - -	3,327	1,302	235	126	Colchester T.C. (bulk) C. Moy, Esq.	Wells - -	Unsatisfactory.
Virley - - -	346	68	18	—			

\* Earl's Colne.—This supply is about to be discontinued and one furnished by Halstead R.D.C.



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<b>Essex—cont.</b>							
<b>Lexden and Wins- tree R.D.—cont.</b>							
Wakes Colne -	2,059	501	113	—	—	Wells and stream	Fair.
West Bergholt -	2,287	1,156	258	—	—	Wells and springs	Uncertain.
West Mersea -	3,185	1,600	337	—	—	Do. do.	Unsatisfactory.
Wormingford -	2,307	361	103	—	—	Wells and spring	Very fair.
<b>Maldon R.D. :</b>							
Althorne -	2,242	339	104	103	Maldon R.D.C.	Well	Good.
Asheldham -	1,309	189	44	17	Do.	Wells	Generally good.
Bradwell near the Sea.	5,239	831	225	—	—	Do.	Fair.
Cold Norton -	1,692	233	59	59	Maldon R.D.C.	—	—
Crecksea -	866	98	25	10	Burnham on Crouch U.D.C.	—	—
Dengie -	2,856	224	49	—	—	—	—
Goldhanger -	1,802	369	97	—	—	Wells	Fair.
Great Braxted -	2,635	285	85	—	—	—	—
Great Totham -	3,351	727	198	—	—	—	—
Hazeleigh -	992	127	26	26	Maldon R.D.C.	—	—
Heybridge -	1,833	1,922	487	326	(Messrs. E. H. Bentall & Co., Ltd. (part in bulk).	Wells	Generally good.
Langford -	1,047	205	43	—	—	Do.	Good.
Latchingdon -	4,005	450	112	103	Maldon R.D.C.	Do.	Do.
Little Braxted -	622	97	23	—	—	Do.	Fair.
Little Totham -	1,292	402	76	—	—	Wells and spring	—
Mayland -	1,875	363	80	71	(Maldon R.D.C. - Joseph Fels, Esq.	Rain-water	Generally good.
Mundon -	3,091	255	64	—	—	Wells	Fair.
North Fambridge -	1,249	144	45	44	Maldon R.D.C.	Rain-water	Generally fair.
Purleigh -	5,794	821	206	200	Do.	Wells	Good.
St. Lawrence -	2,131	144	43	—	—	Wells & rainwater	Poor.
Southminster -	6,520	1,567	427	357	Maldon R.D.C.	Do. do.	Poor in parts
Steeple -	2,726	353	106	—	—	Wells	Fair.
Stow Maries -	1,618	170	44	32	Maldon R.D.C.	Well	Fair.
Tillingham -	4,927	787	232	—	—	Wells	Poor.
Tollesbury -	5,027	1,858	480	—	—	Do.	Bad.
Tolleshunt D'Arcy -	4,442	852	220	26	Maldon R.D.C.	Do.	Fair.
Tolleshunt Knights -	2,246	591	182	127	Do.	Wells & rainwater	Generally fair.
Tolleshunt Major -	2,265	350	89	—	—	Wells	Poor in parts.
Ulting -	1,034	163	43	9	Maldon R.D.C.	Spring and wells.	Generally good.
Wickham Bishops -	1,607	518	142	—	—	Do. do.	Fair.
Woodham Mortimer -	1,386	267	66	40	Maldon R.D.C.	Do.	Fair.
Woodham Walter -	2,621	463	123	8	(Do. Chelmsford R.D.C. (bulk)	Wells	Generally good.
<b>Ongar R.D. :</b>							
Abbess Roding -	1,619	206	49	—	—	Wells and ponds	—
Beauchamp Roding -	1,262	193	49	—	—	—	—
Berners Roding -	1,073	96	20	—	—	—	—
Blackmore -	2,588	613	140	—	—	—	—
Bobbingworth -	1,642	309	54	23	Herts and Essex Waterworks Co., Ltd.	Springs, wells, and ponds.	—
Chipping Ongar -	511	1,392	198	161	Do. do.	Wells	—
Doddington -	1,917	346	80	—	—	Springs, wells, and ponds.	—
Fyfield -	2,451	534	105	—	—	Springs, wells, & River Roding.	—
Greensted -	683	92	23	9	Herts, &c. Waterworks Co., Ltd.	Wells	—
High Laver -	1,894	387	85	—	—	Wells and ponds	—
High Ongar -	4,519	1,176	268	132	(Herts, &c. Waterworks Co., Ltd. J. Newall, Esq.	Springs, wells, and ponds.	—
Kelvedon Hatch -	1,684	384	105	—	—	Wells	—
Lambourne -	2,470	811	192	83	(Herts, &c. Waterworks Co., Ltd. Col. A. R. M. Lockwood Metropolitan Water Board	Springs and wells.	Fair and sufficient.
Little Laver -	965	108	25	—	—	Wells	—
Moreton -	1,475	398	90	—	—	Springs, wells, Crispy Brook, and land-drains.	—
Navestock -	4,518	740	165	—	—	Wells and ponds	—
Norton Mandeville -	775	122	27	—	—	—	—
Shelley -	609	232	53	21	Herts, &c. Waterworks Co., Ltd.	—	—
Shellow Bowells -	469	86	22	—	—	Springs, wells, and ponds.	—
Stanford Rivers -	4,414	864	178	46	Herts, &c. Waterworks Co., Ltd.	—	—
Stapleford Abbots -	2,365	433	108	17	Lord O'Hagan	—	—
Stapleford Tawney -	1,657	216	34	—	—	Wells and ponds	—
Stondon Massey -	1,126	240	58	—	—	Springs, wells, and ponds.	—
Theydon Mount -	1,564	156	40	3	Herts, &c. Waterworks Co., Ltd.	Wells and ponds	—
Willingale Doe -	1,766	318	72	—	—	Springs, wells, River Roding, and ponds.	—
Willingale Spain -	1,220	192	34	—	—	Wells and ponds	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Essex—cont.</b>							
<b>Orsett R.D.:</b>							
Aveley - - -	2,968	1,226	248	223	South Essex Waterworks Co. -	Wells, springs, & rain-water.	Good and sufficient.
Bulphan - - -	1,713	447	99	—	—	Wells - - -	
Corringham - -	3,365	693	208	187	{ S. Essex Waterworks Co. -	Wells, springs, and rain- water.	
East Tilbury - -	2,121	424	78	70			
Fobbing - - -	2,140	423	133	70	Southend Waterwks. Co. (bulk)	Wells, springs, and rain- water.	
Horndon on the Hill - - -	2,615	617	152	129	South Essex Waterworks Co. -		
Laindon Hills -	1,816	567	158	76	Do.	—	
Little Thurrock -	1,349	2,094	421	421	Do.		
Mucking - - -	2,029	440	116	92	Do.	Wells, springs, & rain-water.	
North Ockendon -	1,709	309	69	62			
Orsett - - -	4,246	1,452	329	279			
South Ockendon -	2,935	1,329	294	279	Do.	—	
Stanford le Hope -	2,627	2,545	544	544			
Stifford - - -	1,594	1,617	300	300	Do.	—	
West Thurrock -	2,996	3,849	716	716	Do.	—	
West Tilbury -	1,861	411	88	79	Do.	Wells, springs, & rain-water.	Good and sufficient.
<b>Rochford R.D.:</b>							
Ashingdon - - -	1,166	243	58	—	—	{ Wells - - -	Fairly good.
Barling - - -	1,291	334	77	—	—		
Canewdon - - -	5,234	511	127	—	—	Wells and rain- water.	Do.
Canvey Island -	4,400	583	136	—	—		
Eastwood - - -	3,236	1,617	348	237	Southend Waterworks Co. -	Wells - - -	Do.
Foulness - - -	6,133	479	99	—	—		
Great Stambridge -	2,463	314	72	—	—		
Great Wakering -	2,771	1,842	436	353	Southend Waterwks. Co. (bulk)		
Hadleigh - - -	1,824	1,707	387	231	Southend Waterworks Co. -		
Havengore - - -	298	10	2	—	—		
Hawkwell - - -	1,365	565	124	86	{ Southend Waterworks Co. -		
Hockley - - -	4,474	932	212	151			
Little Stambridge -	606	171	39	—	—		
Little Wakering -	2,403	396	92	—	—		
North Shoebury -	1,098	277	68	—	—	Wells - - -	Do.
Paglesham - - -	2,038	405	95	—	—		
Rawreth - - -	2,372	441	102	—	—	Southend Waterworks Co. -	Do.
Rayleigh - - -	2,906	2,471	582	395			
Rochford - - -	1,867	1,821	376	303			
Shopland - - -	1,055	65	13	—	—		
South Benfleet -	1,950	1,305	324	241	Southend Waterworks Co. -		
South Fambridge -	1,192	247	52	—	—		
Sutton - - -	699	205	45	1	Southend Waterworks Co. -		
Thundersley - -	2,545	1,434	257	106	Do.		
<b>Romford R.D.:</b>							
Cranham - - -	1,879	489	80	59	South Essex Waterworks Co. -	Springs - - -	Good and adequate.
Dagenham - - -	6,556	7,930	2,063	1,517	Metropolitan Water Board -		
Great Warley - -	2,888	2,051	400	374	South Essex Waterworks Co.	Wells - - -	Village—good; elsewhere not very good.
Havering - atte Bower. - - -	2,093	399	90	5	Do.		
Hornchurch - - -	6,783	2,461	2,000	1,893	Do.	Do. - - -	Good and adequate.
Noak Hill - - -	1,594	222	55	4	Do.	Wells, ponds, and rain-water.	Indifferent & insufficient.
Rainham - - -	3,251	1,972	382	373	Do.	Wells & springs	Good and adequate.
Upminster - - -	3,375	2,468	506	484	Do. (part in bulk)		
Wennington - - -	1,301	364	53	53	South Essex Waterworks Co. -	—	—
<b>Saffron Walden R.D.:</b>							
Arkesden - - -	2,181	290	70	—	—	Wells and ponds	Fairly satisfactory.
Ashdon - - -	3,950	594	150	—	—	Wells, spring, and ponds.	
Bartlow End - -	1,070	121	33	15	Saffron Walden R.D.C. -	Ponds - - -	
Chrishall - - -	2,789	497	110	—	—	Wells, springs, & ponds (filtered).	
Clavering - - -	3,831	836	220	—	—	Wells, springs, and ponds.	
Debden - - -	4,653	641	166	—	—	Wells and ponds	
Elmdon - - -	3,461	533	130	62	Saffron Walden R.D.C. -	Ponds & springs	
Great Chesterford -	2,917	825	190	—	—	Wells - - -	
Great Sampford -	1,737	391	101	—	—	Wells & springs -	
Hadstock - - -	1,731	383	90	—	—	Spring & ponds -	
Hempstead - - -	3,591	509	130	37	Saffron Walden R.D.C. -	Ponds - - -	Good and adequate.
Langley - - -	1,660	302	78	—	—	Wells & ponds -	
Littlebury - - -	3,537	595	146	—	—	Fairly satisfactory.	
Little Chesterford -	1,207	235	55	—	—		Wells - - -
Little Sampford -	3,322	353	90	—	—		Spring & ponds -
Newport - - -	1,730	918	240	—	—		Wells - - -
Quendon - - -	657	179	40	—	—		Wells and ponds
Radwinter - - -	3,876	641	165	—	—		Spring & wells -
Rickling - - -	1,392	339	93	—	—		Wells and ponds
Strethall - - -	629	50	13	—	—		Spring.



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<b>Essex—cont.</b>								
<b>Saffron Walden R.D.—cont.</b>								
Wenden Lofts -	799	72	12	—	—	Well and ponds	Fairly satisfactory.	
Wendens Ambo -	1,439	390	87	—	—	Wells -		
Wicken Bonhunt -	850	163	40	—	—	Wells -		
Widdington -	2,046	352	90	51	Saffron Walden R.D.C. -	Rain-water and ponds.		
Wimbish -	4,920	601	150	—	—	Wells and ponds	Good and sufficient.	
<b>Stansted R.D.:</b>								
Bardon -	1,800	296	75	—	—	Wells -	Satisfactory.	
Birchanger -	1,066	919	206	7	Stansted Water Co., Ltd.			
Elsenham -	1,852	422	105	—	—			
Farnham -	2,021	391	98	—	—			
Great Hallingbury -	2,688	490	117	—	—	Wells -	Satisfactory.	
Henham -	2,995	741	181	—	—			
Little Hallingbury -	1,656	552	123	—	—			
Manuden -	2,531	576	152	—	—			
Stansted Mount- fitchet.	4,224	2,344	600	464	Stansted Water Co., Ltd.			
Ugley -	2,121	335	91	3				
<b>Tendring R.D.:</b>								
Alresford -	1,436	246	64	—	—	Wells -	Fair.	
Ardleigh -	5,062	1,420	382	—	—	Do. -	Some doubtful and inade- quate.	
Beaumont with Moze -	2,890	394	110	9	Tendring Hundred Water- works Co.	Do. -	Fair.	
Bradfield -	2,153	758	199	17		Do. -	Fair, some poor.	
Elmstead -	3,711	839	218	5	Wivenhoe U.D.C. -	Do. -	Fair.	
Frating -	1,185	216	53	—	—	Wells and brook	Fair.	
Great Bentley -	3,236	1,106	289	2	Clacton U.D.C. (bulk) -	Wells -	Many poor & inadequate.	
Great Bromley -	2,996	689	175	—	—	Do. -	Fair.	
Great Holland -	2,155	483	135	13	Tendring &c., Waterworks Co.			
Great Oakley -	3,329	801	215	20	Do. do.			
Kirby le Soken -	3,854	1,094	290	86	Do. do.			
Lawford -	2,711	896	233	50	Do. do.	Wells and spring	Fair.	
Little Bentley -	2,094	308	84	—	—	Wells -		
Little Bromley -	1,844	361	89	—	—			
Little Clacton -	3,009	712	199	91	Tendring &c., Waterworks Co.			
Little Holland -	648	131	39	—	—	Wells -	Bad in many cases.	
Little Oakley -	1,224	293	71	—	—			
Manningtree -	22	887	226	182	Tendring &c., Waterworks Co.			
Mistley -	2,125	1,781	461	100	Do. do.			
Ramsey -	3,987	3,277	552	359	Do. do.	Wells and spring	Fair.	
St. Osyth -	8,993	1,391	374	—	—	Wells -		
Tendring -	2,873	833	159	1	Tendring &c., Waterworks Co.	Do. -		
Thorpe le Soken -	3,315	1,144	306	56	Do. do.	Do. -		
Thorrington -	2,058	391	118	—	—	Do. -	Fair, insufficient in village.	
Weeley -	1,984	587	167	—	—			
Wix -	3,129	624	157	58	Tendring &c., Waterworks Co.			
Wrabness -	1,108	295	71	—	—			
<b>GLOUCESTER-SHIRE.</b>								
Awre U.D. -	4,317	1,070	264	—	—	Wells & springs	Good.	
Bristol C.B. -	17,460	357,048	67,426	67,426	Bristol Waterworks Co. -	—	—	
Charlton Kings U.D.	3,399	4,495	1,094	744	Cheltenham T.C. -	(a) Wells, (b) springs, rivers, and streams.	(a) Mostly good, (b) Good.	
Cheltenham B. -	4,726	48,942	10,623	10,573	Cheltenham T.C. -	Wells -	Doubtful.	
Cirencester U.D. -	5,286	7,631	1,687	858	Cirencester U.D.C. -	Do. -	Good and generally adequate.	
Coleford U.D. -	2,060	2,604	599	368	Coleford U.D.C. -	(a) Wells, (b) springs, and (c) rain-water.	(a) Generally very good, (b) good and (c) un- satisfactory.	
Gloucester C.B. -	2,318	50,035	10,781	10,781	Gloucester T.C. -	—	—	
Kingswood U.D. -	1,530	12,700	2,709	2,662	West Gloucestershire Water Co.	Wells and springs	Fairly satisfactory.	
Nailsworth U.D. -	1,596	3,031	769	361	Stroud Water Co. -	(a) Wells, (b) springs, and (c) rain-water.	(a) and (c) Variable, (b) generally good.	
Newnham U.D. -	1,937	1,021	250	76	Exors. of the late S. W. Woods.	Wells & springs -	Excellent.	
Stow on the Wold U.D.	45	1,301	334	334	Stow on the Wold U.D.C. -	—	—	
Stroud U.D. -	1,168	8,767	2,024	1,834	Stroud U.D.C. -	(a) Wells and (b) springs.	(a) Variable, (b) fair.	



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<b>Gloucestershire— cont.</b>							
Tetbury U.D.	114	1,758	445	445	Tetbury U.D.C.	—	—
Tewkesbury B.	2,532	5,287	1,204	894	Cheltenham T.C. (bulk)	Wells & springs	Generally not suitable for drinking purposes.
Westbury on Severn U.D.	8,257	1,812	400	—	—	Do.	Good.
<b>Campden R.D.:</b>							
Admington	1,479	115	33	28	Campden R.D.C.	Wells	Good and sufficient.
Batsford	972	118	20	20	Lord Redesdale	—	—
Bourton on the Hill	2,975	379	105	105	H. D'Este East, Esq.	—	—
Chipping Campden	4,699	1,680	396	201	Campden R.D.C.	Wells & spring	Good and sufficient.
Clopton	600	34	7	7	S. G. Hamilton, Esq.	—	—
Ebrington	2,974	505	125	—	—	Wells & spring	—
Hidcote Bartrim	613	48	11	10	Mrs. G. C. Winthrop	—	—
Lower Lemington	859	78	13	12	Lord Redesdale	—	—
Mickleton	2,600	604	149	143	S. G. Hamilton, Esq.	—	—
Moreton in Marsh	1,014	1,406	375	368	Campden R.D.C.	Wells	Good and sufficient.
Quinton	2,460	368	98	81	(Magdalen College, Oxford)	—	—
Todenham	2,481	262	78	—	Campden R.D.C.	—	—
<b>Cheltenham R.D.:</b>							
Badgeworth	3,336	831	209	72	Cheltenham R.D.C.	Wells & springs	Uncertain.
Cuberley	3,639	376	74	8	J. Sheffield, Blakeway, Esq.	—	—
Cowley	1,898	317	66	66	Cheltenham T.C.	Do.	Variable.
					H. Bubb, Esq.	—	—
					I. Horleek, Esq.	—	—
Great Witcombe	942	115	26	24	Cheltenham and Cirencester R.D.C.s	—	—
					Do. Do.	Wells	Doubtful but adequate.
					W. F. Hicks-Bench, Esq.	—	—
Leckhampton	1,289	428	100	8	The Misses H.C. & C.S. Barnard	Wells & springs	—
Prestbury	3,054	1,806	406	35	Cheltenham T.C.	—	—
Shurdington	1,069	402	97	6	Do.	Wells	Variable.
Staverton	1,022	409	99	57	Archdeacon Sinclair	Wells & springs	—
Swindon	730	297	62	10	Cheltenham T.C.	Wells	—
Uckington	884	147	40	40	Do.	Do.	Variable, but ample.
Up Hatherley	538	126	30	20	Do.	Wells	Doubtful.
<b>Chipping Sodbury R.D.:</b>							
Acton Turville	1,015	298	66	66	West Gloucestershire Water Co.	—	—
Alderley	818	92	20	20	Alderley Private Subscription Supply.	—	—
Chipping Sodbury	107	977	268	196	W. Gloucestershire Water Co.	Wells & springs	Good and adequate.
Cold Ashton	2,289	293	69	—	—	Do.	Good and plentiful.
Dodington	1,496	80	20	10	W. Gloucestershire Water Co.	—	—
Doynton	1,728	324	76	40	Do.	—	—
Dyrham and Hinton.	3,020	337	78	—	—	Do.	Good and adequate.
Filton	1,025	658	158	155	W. Gloucestershire Water Co.	—	—
Frampton Cotterell	1,927	2,068	488	219	Do.	—	—
Great Badminton	1,794	475	108	108	Do.	—	—
Hawkesbury	9,912	1,597	407	46	Hillesley Water Supply	Wells & springs	Doubtful, but fairly sufficient.
Horton	3,582	365	79	5	W. Gloucestershire Water Co.	Do.	Good and plentiful.
Iron Acton	2,943	1,048	270	—	—	Do.	Poor.
Little Sodbury	1,093	147	33	—	—	Do.	Good, but insufficient.
Marshfield	5,907	1,189	300	—	—	Do.	Good and plentiful.
Old Sodbury	3,729	763	176	121	W. Gloucestershire Water Co.	Do.	Good and adequate.
Packlechurch	2,261	1,298	298	44	Bedminster, Easton, Kingswood & Parkfield Collieries, Ltd.	Wells, springs, and rain-water.	Poor and scarce in summer.
Stoke Gifford	2,397	806	95	70	W. Gloucestershire Water Co.	Wells & springs	—
Tormarton	2,656	327	73	52	Do.	Do.	Good and adequate.
Wapley and Codrington	2,598	242	57	—	—	Do.	Good and generally plentiful.
Westerleigh	4,466	1,128	258	184	W. Gloucestershire Water Co.	Do.	Poor and insufficient.
West Littleton	1,013	77	19	—	—	Do.	Good & generally sufficient.
Wick and Abson	2,321	1,006	226	82	W. Gloucestershire Water Co.	Do.	Good and plentiful.
Wickwar	2,328	860	212	116	—	—	—
Winterbourne	3,030	3,191	763	657	Do.	Do.	Good and adequate.
Yate	4,081	1,309	303	97	—	—	—
<b>Cirencester R.D.:</b>							
Ampney Crucis	2,621	436	112	35	F. W. B. Cripps, Esq.	Wells	Good.
Ampney St. Mary	1,604	183	36	—	—	Do.	Good, but inadequate.
Ampney St. Peter	625	203	46	—	—	Do.	Good and adequate.
Bagendon	1,146	179	40	—	—	Do.	—
Barnsley	2,163	240	58	—	—	Do.	Good, but short in dry weather.
Baunton	1,367	108	24	17	Col. T. W. Chester-Master	Do.	Good, but inadequate in summer.
Brimpsfield	2,729	338	83	15	Cheltenham and Cirencester R.D.C.s	Do.	—
Coates	2,568	360	77	62	Cirencester R.D.C.	Do.	Good.
Colesborne	2,198	235	56	56	Lord Biddulph	—	—
					J. H. Taylor, Esq.	—	—
					H. J. Elwes, Esq.	—	—
Daglingworth	1,923	300	78	70	Corpus Christi College, Oxford	Wells	Good, but short in dry weather.



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<b>Gloucestershire— cont.</b>							
<b>Cirencester R.D.— cont.</b>							
Down Ampney -	2,777	347	74	—	—	{ Wells - -	}
Driffield -	1,264	111	29	—	—		
Duntisbourne Abbots.	2,332	232	63	—	—	Spring - -	}
Duntisbourne House	2,260	111	27	—	—	Springs & wells -	
Edgeworth -	1,598	129	29	5	A. J. James, Esq. - -	{ Wells - -	} Good and adequate
Elkstone -	2,116	219	51	—	—	{ Wells - -	
Fairford -	4,012	1,410	347	57	R. R. Barker, Esq. - -	Wells & R. Coln	}
Harnhill -	708	82	17	—	—	Wells - -	
Hatherop -	2,123	298	73	73	Trustees of the late G. S. Bazley	—	} —
Kemble -	3,322	528	120	65	Great Western Railway Co. through Lord Biddulph.	—	
Kempsford -	4,963	752	201	—	—	{ Wells - -	} Good and adequate.
Meysay Hampton -	2,022	264	80	3	J. Joicey, Esq. - -	{ Wells - -	
North Cerney -	4,176	603	134	101	{ J. H. Taylor, Esq. - -	Spring - -	} Good and adequate.
Poole Keynes -	1,216	143	27	27	{ Earl Bathurst - -	—	
Poulton -	1,600	385	110	17	Lord Biddulph - -	Wells - -	} Very good and adequate.
Freston -	2,042	249	48	—	J. Joicey, Esq. - -	Do. - -	
Quenington -	1,996	388	93	93	{ Trustees of the late G. S. Bazley	—	} —
Rendcomb -	2,586	253	59	52	{ Hon. M. H. Hicks-Beach, M.P.	—	
Rodmarton -	4,145	446	104	84	J. H. Taylor Esq. - -	Spring - -	} Good.
Sapperton -	3,960	468	120	16	Lord Biddulph - -	Wells - -	
Siddington -	2,137	524	118	—	Earl Bathurst - -	Wells & spring -	} Good, but short in dry weather.
Somerford Keynes -	2,087	300	70	—	—	—	
South Cerney -	3,062	866	235	—	—	{ Do. - -	} Good and adequate.
Stratton -	1,424	802	203	98	Cirencester U.D.C. - -	—	
Syde -	628	44	10	10	T. Crewdson, Esq. - -	—	} —
Winstone -	1,491	210	43	—	—	Wells - -	
<b>Dursley R.D.:</b>							
Cam -	3,301	1,834	430	—	—	{ Dursley R.D.C. - -	}
Coaley -	2,498	673	160	108	—		
Dursley -	1,055	2,601	700	519	—	{ Wells, springs, and streams.	} Generally good & adequate.
Kingswood -	2,365	876	200	40	—		
North Nibley -	3,283	745	180	—	—	{ Wells, springs, and streams.	}
Nympsfield -	1,546	293	60	—	—		
Owlpen -	811	77	20	—	—	{ Wells, springs, and streams.	}
Slimbridge -	3,879	808	180	—	—		
Stinchcombe -	1,676	332	70	—	—	{ Wells, springs, and streams.	}
Uley -	1,512	973	250	—	—		
Wotton under Edge	4,950	3,021	800	632	Dursley R.D.C. - -	—	} —
<b>East Dean and United Parishes R.D.:</b>							
Abinghall -	763	188	45	4	Mitcheldean Waterwks. Co., Ltd.	{ Wells - -	} Good and sufficient.
Blaisdon -	950	230	50	—	—		
Bulley -	963	136	37	—	—	{ Wells - -	}
Churcham -	2,275	362	93	—	—		
East Dean -	13,265	14,594	3,219	2,228	East Dean and United Parishes R.D.C.	—	} —
Flaxley -	1,066	91	21	—	—		
Huntley -	1,439	435	101	—	—	{ Wells - -	}
Little Dean -	718	823	186	120	East Dean & U. P. R.D.C. -		
Longhope -	3,153	864	226	—	—	{ Wells - -	}
Minsterworth -	1,825	330	83	—	—		
Mitcheldean -	579	626	157	90	Mitcheldean Waterwks. Co., Ltd.	{ Wells - -	}
*Ruardean -	1,630	1,273	279	—	—		
<b>Gloucester R.D.:</b>							
Ashleworth -	1,766	385	90	—	—	{ Gloucester T.C. - -	}
Barnwood -	1,341	1,337	250	67	—		
Brockworth -	1,957	467	100	18	—	{ Wells & springs	} Generally good and ade- quate.
† Churchdown -	2,692	1,126	266	—	—		
Down Hatherley -	855	213	40	—	—	{ Gloucester T.C. - -	}
Elmore -	1,821	334	82	—	—		
Hempsted -	1,290	513	80	19	—	{ Wells & springs	}
Highnam Over and Linton.	2,038	341	61	3	—		
Hucclecote -	1,487	1,103	220	176	—	{ Wells & springs	}
Lassington -	546	44	15	—	—		
Longford -	914	690	130	19	Gloucester T.C. - -	{ Wells, springs, and Sudbrook.	} Do. do.
Maisemore -	2,055	462	103	—	—		
Matson -	501	47	15	2	Gloucester T.C. - -	{ Wells, springs, and Sudbrook.	}
Norton -	1,968	369	84	—	—		
Prinknash Park -	223	8	3	—	—	{ Wells, springs, and Sudbrook.	}

\* Ruardean.—East Dean and United Parishes R.D.C. are about to provide a supply.

† Churchdown.—Gloucester T.C. are about to provide a supply.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Gloucestershire— cont.</b>							
<b>Gloucester R.D.— cont.</b>							
Quedgeley - -	1,599	740	190	—	—	Wells & springs	Generally good and ade- quate.
Sandhurst - -	2,175	436	90	—	—		
Twiggworth - -	493	181	40	—	—		
Upton St. Leonards	2,863	1,124	240	12	Gloucester T.C. - -	Wells, springs, and Sudbrook.	
Whaddon - -	914	453	80	—	—	Wells & springs	
Wotton St. Mary Without.	1,140	1,497	391	283	Gloucester T.C. - -		
Wotton Vill - -	42	745	7	5	Do. - -		
<b>Lydney R.D.:</b>							
Alvington - -	1,582	366	83	53	Alvington P.C. - -	Wells - -	Generally good.
Aylburton - -	1,872	817	179	102	Aylburton Water Committee.		
Hewelsfield - -	1,592	419	110	—	—	Do. - -	Good.
Lancaut - -	218	10	2	—	—		
Lydney - -	5,185	3,776	772	578	Lydney R.D.C. - -		
St. Briavels - -	4,777	1,128	206	—	—	Wells & rainwater	Fairly good.
Tidenham - -	6,345	1,710	440	110	Tidenham Waterworks Co., Ltd.		
Woolaston - -	2,983	779	197	90	Lydney R.D.C. - -	Wells - -	Doubtful and scarce in summer.
<b>Marston Sica R.D.:</b>							
Clifford Chambers -	1,725	357	83	—	—	Wells - -	Good and adequate.
Dorsington - -	989	96	15	—	—		
*Long Marston - -	1,580	284	72	—	—	Ponds - -	Bad and inadequate
Preston on Stour -	1,769	267	68	—	—		
Welford on Avon -	1,843	516	117	—	—	Wells - -	Good and adequate
Weston on Avon -	917	89	16	—	—		
<b>Newent R.D.:</b>							
Bromsberrow - -	1,810	269	60	18	Malvern U.D.C. (bulk) - -	Wells - -	Generally good and ade- quate.
Corse - -	2,220	367	100	—	—		
Dymock - -	7,009	1,297	328	43	Malvern U.D.C. (bulk) - -		
Hartpury - -	3,670	691	173	—	—	Wells - -	
Highleadon - -	647	96	22	—	—		
Kempley - -	1,593	222	54	—	—	Wells - -	
Newent - -	8,091	2,485	591	74	Gloucester T.C. (bulk) - -		
Oxenhall - -	2,250	220	51	—	—		
Pauntley - -	1,630	154	33	—	—		
Preston - -	897	86	19	—	—		
Rudford - -	566	109	25	—	—		
Taynton - -	2,521	501	115	—	—		
Tibberton - -	1,406	285	71	—	—		
Upleadon - -	1,230	182	53	—	—		
<b>Northleach R.D.:</b>							
Aldsworth - -	3,350	312	73	—	—	Wells & springs	Good and adequate.
Aston Blank - -	2,360	254	56	—	—	Wells - -	
Bibury - -	5,198	688	183	—	—	Wells & R. Coln	
Chedworth - -	4,781	719	204	—	—	Wells - -	
Coln Rogers - -	1,574	111	24	—	—	River Coln - -	
Coln St. Aldwyn -	2,666	343	87	—	—	Wells - -	
Coln St. Dennis -	1,798	167	48	—	—	Springs - -	Satisfactory, but deficient in dry weather.
Compton Abdale -	2,188	142	41	—	—		
Dowdeswell - -	2,413	267	61	—	—	Springs - -	Satisfactory, but occa- sionally deficient.
Eastington - -	3,954	353	69	—	—		
Eastleach Martin -	1,877	135	36	—	—	Wells & springs	Good and adequate.
Eastleach Turville	2,784	341	93	—	—		
Farmington - -	2,261	212	63	—	—		
Hampnett - -	1,431	126	31	—	—	Springs - -	Good and adequate.
Hazleton - -	1,566	100	25	—	—	Wells & springs	Satisfactory, but occa- sionally deficient.
Little Barrington -	1,113	114	37	—	—	Springs - -	Good and adequate.
Northleach - -	43	639	191	191	Northleach R.D.C. - -		
Salperton - -	1,401	140	36	—	—	Springs - -	Good and adequate.
Sevenhampton - -	3,377	413	111	—	—		
Sherborne - -	4,567	527	124	—	—	Springs and River Windrush.	Good and adequate.
Shipton - -	2,816	317	78	—	—		
Southrop - -	1,582	272	66	—	—	Wells - -	Good and adequate.
Stowell - -	851	73	18	—	—		
Turkdean - -	2,178	134	42	—	—	Springs and wells	Good and adequate.
Whittington - -	1,479	200	48	—	—		
Windrush - -	1,835	211	58	—	—	River Windrush	Doubtful and river supply turbid in dry weather.
Winson - -	1,216	125	35	—	—		
Withington - -	6,105	522	158	—	—	Springs & River Coln.	Good and adequate.
Yanworth - -	1,263	108	25	—	—	Wells - -	
<b>Pebworth R.D.:</b>							
Ashton under Hill -	1,664	350	83	75	Pebworth R.D.C. - -	Wells - -	Good and sufficient.
Aston Somerville -	1,004	126	27	25	Evesham & Pebworth R.D.C.'s		
Aston Subedge - -	728	117	28	27	Earl of Harrowby - -		
Childs Wickham -	1,898	492	112	110	Evesham T.C. (bulk) - -		

\* Long Marston.—A supply is about to be provided by Evesham and Pebworth R.D.C.'s.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Gloucestershire—</b>									
<i>—cont.</i>									
<b>Pebworth R.D.—</b>									
<i>cont.</i>									
Cow Honeybourne	1,377	476	116	114	Evesham & Pebworth R.D.C.'s	Wells	Good and sufficient.		
Hinton on the Green.	2,291	232	55	54					
Pebworth	3,056	539	140	136	J. R. West, Esq.				
Saintbury	1,379	125	29	26	Earl of Harrowby				
Weston Subedge	2,658	330	75	72	Pebworth R.D.C.				
Willersey	1,271	452	103	100	Do.				
<b>Stow on the Wold R.D.:</b>									
Adlestrop	1,306	156	41	41	Lord Leigh	Wells	Good and ample.		
Bledington	1,539	403	90	—	—				
Bourton on the Water.	2,470	1,153	281	—	—				
Broadwell	1,817	329	96	88	Stow on the Wold R.D.C.	Wells & springs	Good and ample.		
Church Icomb	513	120	36	34					
Clapton	819	140	28	—	—	Springs	—		
Condicote	1,250	125	31	—	—				
Daylesford (Worc.)	670	88	25	25	C. E. B. Young, Esq.				
Donnington	1,053	116	32	—	—	Wells	Good and ample.		
Evenlode (Worc.)	1,619	223	67	—	—				
Eyford	1,241	82	22	—	—				
Great Barrington	2,990	400	108	108	M. E. R. Wingfield, Esq.	Wells & springs	Good and ample.		
Great Bissington	2,493	335	82	80	Stow on the Wold R.D.C.				
Icomb	671	38	7	7	G. H. S. Hayward, Esq.	Wells & springs	Good and ample.		
Little Bissington	1,475	201	49	40	A. M. Streatfeild Moore, Esq.				
Longborough	3,036	470	127	127	Lord Leigh				
Lower Slaughter	974	244	59	—	—	Wells & springs	Good and ample.		
Lower Swell	2,347	423	98	89	M. Fenwick, Esq.				
Mangersbury	1,863	222	41	35	J. H. Hewitt, Esq.	Springs	Good and ample.		
Naunton	3,177	440	128	109	Stow on the Wold R.D.C.				
Notgrove	1,724	156	38	16	C. Cunard, Esq.	Wells & springs	Good and ample.		
Oddington	1,813	412	118	113	Stow on the Wold R.D.C.				
Sezincote	1,438	72	17	17	J. T. Dugdale, Esq.				
Upper Slaughter	2,003	270	67	63	Capt. R. Brassey	Wells & springs	Good and ample.		
Upper Swell	1,376	111	23	23	M. Fenwick, Esq.				
Westcote	1,548	192	55	—	—	Wells & springs	Good and ample.		
Wyck Bissington	1,267	193	44	38	Capt. Butler				
<b>Stroud R.D.:</b>									
Bisley with Ly- piatt.	7,699	1,936	591	—	—				
Cainscross	552	2,190	591	366	Stroud Water Co.	Wells & springs	Satisfactory and adequate.		
Chalford	1,108	2,913	794	217					
Cranham	1,914	282	83	—	—				
Horsley	3,628	1,079	273	57	Stroud Water Co.				
King's Stanley	1,719	1,877	518	161					
Leonard Stanley	824	652	197	86	—	Springs	Do.		
Minchinhampton	4,638	3,702	963	492	Lt. Col. J. C. Caruthers Little				
Miserden	3,218	361	106	—	Stroud Water Co.	Wells & springs	Satisfactory and adequate.		
Painswick	5,911	2,638	728	88	—				
Pitchcombe	502	190	58	18	Lt. Col. J. C. Caruthers Little	Springs	Do.		
Randwick	349	689	183	183	Stroud Water Co.				
Rodborough	1,317	3,721	937	402	Rev. T. E. M. Barrow	Wells & springs	Satisfactory and adequate.		
Stonehouse	1,224	2,304	557	444	Stroud Water Co.				
Thrupp	912	1,361	341	107	Do.	Wells	Satisfactory and adequate.		
Whiteshill	502	1,342	368	41	Do.				
Woodchester	1,206	831	203	74	Do.				
<b>Tetbury R.D.:</b>									
Ashley (Wilts.)	952	72	21	—	—	Springs & wells	Good, but short in summer.		
Avening	3,724	823	227	16	Avening P.C.; Messrs. R. J. & M. Calcutt (Trustees).				
Beverstone	2,150	170	37	—	G. Lowsley-Williams, Esq.	Wells	Satisfactory.		
Boxwell with Leighterton.	2,312	253	56	—	—				
Cherington	2,267	210	30	30	Misses C. L. and G. E. George	Wells and rain-water.	Satisfactory, but inadequate in summer.		
Didmarton	2,068	360	100	100	West Gloucestershire Water Co.				
Kingscote	1,879	210	54	—	—	Wells	Satisfactory.		
Long Newton (Wilts.)	2,319	301	63	63	Lord Estcourt				
Newington Bag-path.	1,975	174	42	—	—	Springs & wells	Good.		
Ozleworth	1,148	133	25	—	—				
Shipton Moyne	2,360	331	74	74	Lt. Col. Sir G. Holford	Springs, wells and rainwater.	Unsatisfactory.		
Tetbury Upton	4,513	1,043	247	20	Lord Estcourt				
Weston Birt with Lasborough.	1,904	206	35	35	Lt. Col. Sir G. Holford				
<b>Tewkesbury R.D.:</b>									
Ashchurch	4,274	786	202	96	Do.	Pool and wells	Bad and poor.		
Boddington	1,982	316	75	20	Cheltenham T.C.				
					Do.	Wells	Poor and moderate.		



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<b>Gloucestershire—</b>							
<i>cont.</i>							
<b>Tewkesbury R.D.</b>							
<i>—cont.</i>							
Bredon (Worc.)	3,187	1,059	200	182	Miss Z. M. Woodhull	Wells	Variable and moderate.
Bredon's Norton (Worc.)	1,106	168	40	4	Tewkesbury R.D.C.	Do.	Variable, but ample.
Chaceley (Worc.)	1,763	183	45	—	—	Do.	Variable and poor.
Conderton (Worc.)	800	180	35	20	Sir R. B. Martin, Bart.	Do.	Satisfactory.
Deerhurst	3,138	694	145	30	Cheltenham T.C.	Do.	Variable and moderate.
Elmstone Hardwicke.	1,746	207	55	11	Do.	Do.	Poor and moderate.
Forhampton	2,540	388	65	—	—	Do.	Fair and moderate.
Hasfield	1,446	197	40	—	—	Do.	Fair.
Kemerton	1,664	468	110	90	Tewkesbury R.D.C.	Do.	Fair.
Leigh	1,504	329	65	9	Cheltenham T.C.	Do.	Poor and moderate.
Overbury (Worc.)	1,271	426	75	65	Sir R. B. Martin, Bart.	Do.	Variable, but ample.
Oxenton	1,114	102	25	20	Late Earl of Ellenborough (Court of Chancery).	Do.	Satisfactory.
Pendock (Worc.)	1,145	194	45	—	—	Do.	Variable and moderate.
Stoke Orchard	1,378	134	28	—	—	Well	Fair and moderate.
Teddington (Worc.)	747	107	24	12	Sir R. B. Martin, Bart.	Do.	—
Tirley	1,924	357	75	—	—	Wells	Variable and moderate.
Tredington	1,021	104	25	—	—	Do.	—
Twyning	3,191	862	198	—	—	Do.	Poor and moderate.
Walton Cardiff	649	43	12	8	Cheltenham T.C. (bulk)	Do.	Fair.
Woolstone	795	87	20	—	—	Do.	Polluted with minerals, but fairly adequate.
<b>Thornbury R.D.:</b>							
Alkington	4,114	815	180	—	—	—	—
Almondsbury	7,009	2,213	522	273	West Gloucestershire Water Co.	—	—
Alveston	2,563	733	196	85	Do.	—	—
Aust	1,216	146	35	—	—	—	—
Berkeley	57	826	201	40	Lord Fitzhardinge	—	—
Breadstone	1,202	130	26	—	—	—	—
Charfield	1,383	607	171	—	—	—	—
Cromhall	2,594	565	143	—	—	—	—
Elberton	1,531	140	30	—	—	—	—
Falfield	2,154	534	130	—	—	—	—
Ham and Stone	4,410	779	171	—	—	—	—
Hamfallow	2,871	1,113	229	10	Lord Fitzhardinge	—	—
Henbury	7,927	2,062	466	133	Bristol Waterworks Co.	—	—
Hill	2,053	193	40	—	—	Wells	Good.
Hinton	1,934	1,885	326	—	—	—	—
Littleton upon Severn.	940	172	36	—	—	—	—
Oldbury upon Severn.	4,120	556	164	—	—	—	—
Olveston	4,571	1,406	381	129	W. Gloucestershire Water Co.	—	—
Rangeworthy	896	235	60	—	—	—	—
Redwick and Northwick.	1,246	425	106	81	W. Gloucestershire Water Co.	—	—
Rockhampton	972	147	46	—	—	—	—
Thornbury	4,665	2,646	660	220	W. Gloucestershire Water Co.	—	—
Tortworth	1,577	210	46	—	—	—	—
Tytherington	2,236	541	127	63	W. Gloucestershire Water Co.	—	—
<b>Warmley R.D.:</b>							
Bitton	3,665	3,244	752	475	W. Gloucestershire Water Co.	Wells & springs	—
Hanham Abbots	1,057	734	161	100	—	—	—
Mangotsfield	2,564	9,936	2,709	2,150	Do.	Wells	Generally good and adequate.
Oldland	970	1,880	422	338	—	—	—
Siston	1,833	1,394	317	250	—	—	—
<b>West Dean R.D.:</b>							
English Bicknor	3,209	558	132	—	—	—	—
Newland	5,825	2,203	473	—	—	Do.	—
Staunton	1,530	123	36	—	—	—	—
West Dean	10,905	10,570	2,334	—	—	—	—
<b>Wheatenhurst R.D.:</b>							
Arlingham	2,458	423	120	—	—	Do.	Satisfactory and ample.
Brookthorpe	1,094	220	45	20	Lady Darwin and J. M. Collett, Esq.	Wells & streams	Satisfactory.
Eastington	2,018	1,202	350	277	Stroud Water Co.	Wells	Good.
Frampton on Severn.	2,361	730	220	—	—	Wells and rain-water.	Satisfactory.
Fretherne with Saul.	1,187	698	200	—	—	Springs	Satisfactory and ample.
Procester	1,870	217	59	5	Stroud Water Co.	Springs & wells	Fair.
Hardwicke	2,150	610	133	—	—	Wells and rain-water.	Satisfactory and generally sufficient.
Harescomb	1,352	288	70	—	—	Wells & springs	Good.
Haresfield	2,948	445	112	—	—	Wells, springs and rainwater.	Do.
Longney	1,556	313	90	—	—	Wells & spring	Not satisfactory and insufficient in some cases.



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<b>Gloucestershire— cont.</b>							
<b>Wheatenhurst R.D.—cont.</b>							
Moreton Valence -	990	256	66	—	—	Wells - -	Satisfactory.
Standish -	3,211	379	98	29	Lord Sherborne - -	Springs - -	Some good.
Wheatenhurst or Whitminster.	1,267	312	92	—	—	Wells and rain- water.	Fair.
<b>Winchcomb R.D.:</b>							
Alderton -	1,579	397	107	—	—	{ Wells - - }	{ Good.
Alstone -	626	69	14	—	—		
Beckford -	2,778	456	127	120	{ Winchcomb R.D.C. -	Wells and springs	{ Good.
Bishop's Cleeve -	1,297	657	156	150			
Buckland -	2,275	283	62	62	Exors. of the late W. Adam -	—	—
Charlton Abbots -	1,544	93	21	12	Lt. Col. Fairfax Rhodes -	—	—
Cutsdean (Worc.) -	1,560	116	32	—	—	{ Wells - - }	{ Good.
Didbrook -	536	151	34	—	—		
Dumbleton -	2,185	431	94	94	Mrs. Eyres Monsell - -	—	—
Gotherington -	1,643	369	108	108	J. G. Villar, Esq. - -	—	—
Great Washbourne	638	96	17	—	—	Wells - -	Good.
Guiting Power -	2,199	470	120	—	—	Do. - -	Good, but inadequate.
Halles -	1,147	111	24	—	—	Do. - -	Good.
Hawling -	2,211	145	31	31	M. Richards, Esq. - -	—	—
Little Washbourne	465	25	6	—	—	{ Wells - - }	{ Good.
Pinnock and Hyde	2,359	85	20	—	—		
Prescott -	603	50	16	—	—	Springs - -	Good.
Roel -	1,158	43	8	—	—	{ Wells - - }	{ Good, but inadequate.
Snowhill -	2,325	190	52	—	—		
Southam and Brockhampton.	3,368	344	69	—	—	Do. - -	Good, but inadequate.
Stanley Pontlarge -	684	69	14	—	—	Do. - -	Good.
Stanton -	1,818	343	82	82	P. S. Stott, Esq. - -	—	—
Stanway -	3,860	312	74	—	—	{ Wells - - }	{ Good.
Sudeley Manor -	1,864	83	17	—	—		
Temple Guiting -	6,004	452	108	45	Corpus Christi College, Oxford	Wells - -	Good.
Toddington -	1,828	333	78	—	—	{ Wells and springs	{ Good, but inadequate.
Winchcomb -	6,720	2,930	715	500	{ Winchcomb R.D.C. -		
Woodmancote -	983	462	114	90	Wells - -	Good.	
Wormington -	532	82	21	—	—	Wells - -	Good.
<b>HEREFORD- SHIRE.</b>							
Bromyard U.D. -	213	1,703	388	386	Bromyard U.D.C. - -	Wells - -	Fairly satisfactory.
Hereford B. -	5,031	22,568	4,961	4,810	Hereford T.C. - -	Do. - -	Very fair.
Kington U.D. -	857	1,819	465	328	Kington Water Co., Ltd. -	Wells and springs	Generally satisfactory.
Ledbury U.D. -	499	3,358	750	256	Ledbury U.D.C. - -	Wells - -	Good and ample.
Leominster B. -	8,728	5,737	1,310	1,045	Leominster T.C. - -	Do. - -	Good.
Ross U.D. -	536	4,682	1,053	1,003	Trustees of the late T. Blake -	Do. - -	Good and adequate.
<b>Bredwardine R.D.:</b>							
Bredwardine -	2,262	247	80	10	Rev. Sir Geoffrey Cornewall, Bart.	{	{
Clifford -	6,543	747	190	52	Do. Do. - -		
Cusop -	2,294	404	110	68	Trustees of the late P. Coats Hay U.D.C. - -		
Dorstone -	5,376	383	110	29	Trustees of C. J. Lilwall - T. P. P. Powell, Esq. - -		
Whitney -	1,513	214	60	28	Rev. Sir Geoffrey Cornewall, Bart., & Trustees of Peter- church & Clifford Charities.	{	{
<b>Bromyard R.D.:</b>							
Acton Beauchamp	1,544	168	44	—	—	Wells - -	{
Avenbury -	2,912	335	68	2	Bromyard U.D.C. - -	Wells and springs	
Bishop's Frome -	3,983	720	161	—	—	Do. - -	{
Bredenbury -	852	90	21	—	—	Wells - -	
Brockhampton -	1,596	132	26	—	—	{ Wells - - }	{
Collington -	1,000	120	24	—	—		
Cradley -	5,783	1,135	278	—	—	Wells and springs	{
Edvin Leach -	533	27	7	—	—		
Edvin Ralph -	1,228	79	20	—	—	{ Wells - - }	{
Evesbatch -	975	55	10	—	—		
Felton -	1,151	56	14	—	—	{ Wells - - }	{
Grendon Bishop -	1,698	135	27	—	—		
Hampton Charles -	481	82	16	—	—	{ Wells and springs	{
Linton -	2,331	468	89	—	—		
Little Cowarne -	693	160	36	—	—	Wells - -	{
Moreton Jeffreys -	708	60	9	—	—	Do. - -	
Much Cowarne -	3,330	439	96	—	—	Wells and springs	{
Norton -	1,734	374	98	—	—		
Ocle Pychard -	1,905	307	66	—	—	{ Wells - - }	{
Pemcombe with Grendon Warren	4,764	280	58	—	—		
Saltmarshe -	129	6	1	1	Theodor Barneley, Esq. -	—	—
Stanford Bishop -	1,514	189	38	—	—	{ Wells - - }	{
Stoke Lacy -	2,584	318	76	—	—		
Tedstone Delamere	1,692	189	39	—	—	{ Wells - - }	{
Tedstone Wafer -	687	64	18	—	—		
Thornbury -	2,399	168	44	—	—	{ Wells - - }	{
Ullingswick -	1,665	251	60	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Herefordshire—</b>							
<i>cont.</i>							
<b>Bromyard R.D.—</b>							
<i>cont.</i>							
Upper Sapcey -	2,171	279	62	—	—	Wells -	Good and adequate.
Wacton -	1,217	121	23	—	—		
Whitbourne -	3,104	624	156	—	—		
Winstow -	3,101	412	84	1	Bromyard U.D.C. -		
Wolverlow -	1,583	88	21	—	—	—	—
<b>Dore R.D. :</b>							
Abbey Dore -	5,503	470	83	—	—	Wells & springs	{ Fair.
Bacton -	1,178	109	27	—	—	Wells -	
Craswall -	5,179	225	63	—	—	Wells & springs	Fair, but some inade- quate.
Dulas -	869	72	16	—	—	Do.	Fair.
Ewynas Harold -	1,853	471	113	27	Marquess of Abergavenny -	Do.	Good and adequate.
Kendrechurch -	846	56	12	—	—	Do.	—
Kentchurch -	3,353	307	68	32	Col. E. S. Lucas Scudamore -	Do.	—
Kilpeck -	2,169	177	49	—	—	Wells -	{ Fair.
Klingstone -	2,026	346	101	—	—	Do.	
Llanillo -	1,087	52	14	—	—	Wells & springs -	—
Llanveyneoe -	4,609	201	47	—	—	{ Do.	Fair, but inadequate.
Longtown -	6,260	556	157	20	Dore R.D.C. -	Wells -	Good and adequate.
Madley -	5,358	723	172	—	—	Wells & springs -	Fair.
Michaelchurch Esceley.	4,586	253	85	—	—	Do.	Fair, but inadequate.
Newton -	1,754	186	48	—	—	Do.	Fair.
Orcop -	2,465	396	115	—	—	Wells, streams, springs.	Good and adequate.
Peterechurch -	5,164	565	150	90	Dore R.D.C. -	Wells & springs -	—
Rowlstone -	1,667	103	29	—	—	Do.	—
St. Devereux -	1,102	174	47	—	—	Wells & springs -	—
St. Margaret's -	2,609	198	66	—	—	Do.	—
Thraxton -	428	69	13	—	—	Wells -	{ Fair.
Treville -	1,625	104	30	—	—	Do.	
Turnastone -	539	63	11	—	—	Do.	—
Tyberton -	1,126	137	32	—	—	Do.	—
Vowchurch -	2,716	277	79	57	Dore R.D.C. -	Wells & springs -	Good and adequate.
Walterstone -	1,254	127	35	—	—	Wells -	Good, but some inade- quate.
Wormbridge -	732	74	15	—	—	Do.	Good and adequate.
<b>Hereford R.D. :</b>							
Aconbury -	1,692	134	33	—	—	Do.	Fair.
Allensmore -	2,024	480	129	—	—	Do.	Fair, but inadequate.
Bartestree -	421	278	19	—	—	Do.	Good and adequate.
Bolstone -	674	43	12	—	—	Do.	Good and fairly adequate.
Breinton -	1,647	447	93	—	—	Do.	Fair and mostly adequate.
Burghill -	3,765	1,497	210	12	Hereford T.C. -	Do.	Good and adequate.
Callow -	631	87	24	—	—	Do.	Fair.
Cleghonger -	2,152	444	107	—	—	Do.	Fair and mostly adequate.
Credenhill -	1,258	272	54	—	—	Wells & springs -	Good and adequate.
Dewall -	693	39	9	—	—	Do.	Fair and adequate.
Dinedor -	1,664	231	57	—	—	Do.	Fair, but inadequate.
Dinmore -	580	25	4	—	—	Wells -	Fair.
Dormington -	977	93	22	12	P. Foley, Esq. -	Wells & springs -	Fair, but some inade- quate.
Eaton Bishop -	1,660	326	61	—	—	Do.	Fair.
Fownhope -	3,524	737	206	—	—	Do.	—
Grafton -	1,042	119	32	—	—	{ Wells -	Good and adequate.
Hampton Bishop -	2,072	365	69	—	—	Wells & springs -	—
Haywood -	1,565	155	35	—	—	Do.	Fair.
Holme Lacy -	3,261	263	70	—	—	Do.	Fair, but inadequate.
Holmer -	1,371	515	118	1	Hereford T.C. -	Wells & springs -	Fair.
Kenchester -	545	115	25	—	—	Do.	—
Little Birch -	1,019	239	63	—	—	Do.	Fair, but inadequate.
Little Dewchurch -	1,726	233	64	—	—	Wells & springs -	Fair.
Lower Ballingham -	1,106	458	57	—	—	Do.	—
Lugwardine -	2,116	656	183	—	—	Wells, springs, river.	Fair, but inadequate in places.
Marden -	3,995	768	194	—	—	Wells & springs -	—
Mordiford -	1,516	446	130	—	—	Wells, springs, and river -	Fair.
Moreton on Lugg -	896	79	18	—	—	Wells -	—
Much Birch -	1,303	410	110	—	—	Wells & springs -	Good and adequate.
Much Dewchurch -	4,921	539	128	—	—	Do.	Fair, but some inade- quate.
Pipe and Lyde -	1,640	238	49	12	Hereford R.D.C. -	Wells -	Good, but inadequate.
Preston Wynne -	874	156	36	—	—	Do.	Fair, but inadequate.
Stoke Edith -	1,014	162	39	39	P. Foley, Esq. -	—	—
Stretton Sugw -	1,389	325	80	—	—	Wells -	—
Sutton -	1,504	394	76	—	—	Do.	Fair.
Wellington -	3,060	641	156	—	—	Do.	—
Westhale -	1,246	147	38	—	—	Wells & springs -	—
Weston Beggard -	925	244	66	—	—	Do.	Fair, but inadequate.
Withington -	2,201	797	182	—	—	Wells -	Fair, but inadequate in places.
<b>Kington R.D. :</b>							
Brilley -	3,926	393	100	—	—	{ Wells & springs	Good and adequate.
Byton -	959	102	10	—	—		
Combe -	652	57	10	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Herefordshire—</b>							
<i>cont.</i>							
<b>Kington R.D.—</b>							
<i>cont.</i>							
Eardisley - -	4,566	746	175	—	—	Wells & springs	Good and adequate.
Huntington - -	1,982	180	45	—	—		
Kington Rural - -	7,170	652	190	—	—		
Kinsham - -	1,538	105	19	—	—		
Knill - -	819	47	15	—	—		
Lower Harpton - -	843	66	15	—	—		
Lyonsall - -	4,760	660	175	—	—		
Pembridge - -	7,074	995	280	—	—		
Rodd, Nash, and Little Brampton.	2,025	118	30	—	—		
Stapleton - -	1,344	126	35	—	—		
Staunton on Arrow	2,968	311	65	—	—		
Titley - -	1,899	296	70	—	—		
Willersley - -	392	14	2	—	—		
Winforton - -	1,114	128	30	—	—		
<b>Ledbury R.D.:</b>							
Ashperton - -	1,693	344	70	—	—	Wells & spring	Fairly good and adequate.
Aylton - -	839	95	18	—	—		
Bosbury - -	4,827	852	200	—	—	Wells - -	Do.
Canon Frome - -	1,053	121	20	—	—		
Castle Frome - -	1,567	183	37	—	—	Do. - -	Fairly good, but not very adequate.
Cockington - -	1,028	133	33	—	—		
Colwall - -	3,835	2,010	490	126	F. Ballard, Esq. (Trustee of the late S. Ballard); Malvern U.D.C.	Do. - -	Good and fairly adequate.
Donnington - -	1,038	103	20	—	—		
Eastnor - -	3,193	392	115	115	Lady Henry Somerset - -	Wells - -	Fairly good, and adequate.
Eggleton - -	738	122	30	—	—		
Ledbury Rural - -	6,666	744	166	6	Ledbury U.D.C. - -	Do. - -	Good and adequate.
Little Marcle - -	1,249	176	36	—	—		
Mathon Rural - -	3,040	428	91	—	—	Do. - -	Fairly good, but not very adequate.
Much Marcle - -	4,595	705	150	—	—		
Munsley - -	1,485	182	41	—	—	Do. - -	Good and adequate.
Pixley - -	1,086	183	40	—	—		
Putley - -	1,110	270	55	—	—	Wells and rain- water.	Good and fairly adequate.
Stretton Grandison	841	116	23	—	—		
Tarrington - -	2,236	472	111	71	P. Foley, Esq. - -	Wells - -	Good and adequate.
Wellington Heath -	1,032	396	94	—	—		
Woolhope - -	4,414	584	139	—	—	Do. - -	Not very good or adequate.
Yarkhill - -	2,302	448	100	—	—		
<b>Leominster R.D.:</b>							
Bodenham - -	5,295	735	176	2	Mrs. Nancy Burrell - -	Wells & springs	Fair and fairly adequate.
Brimfield - -	1,853	593	136	—	—		
Croft - -	1,059	25	6	—	—	Wells - -	Good and fairly adequate.
Docklow - -	1,285	164	32	—	—		
Eye, Moreton and Ashton.	2,736	305	59	12	Sir F. Cawley Bart., M.P. -	Do. - -	Fairly good and adequate.
Erton - -	1,015	142	32	—	—		
Ford - -	303	21	4	—	—	Do. - -	Good and fairly adequate.
Hampton Wafer - -	333	13	2	—	—		
Hatfield - -	1,948	214	48	10	Major A. Chambers - -	Do. - -	Not good, but fairly adequate.
Hope under Dinmore	3,854	450	117	80	Mrs. Nancy Burrell - -		
Humber - -	1,836	196	66	—	—	Wells & springs	Good and fairly adequate.
Kimbolton - -	4,140	529	152	—	—		
Kingsland - -	4,931	944	258	—	—	Do. - -	Fairly good and adequate.
Laysters - -	1,995	177	55	—	—		
Little Hereford - -	3,539	425	84	—	—	Wells - -	Good, but not very ade- quate.
Lucton - -	1,051	161	30	—	—		
Luston - -	1,800	379	97	—	—	Do. - -	Good and adequate.
Middleton on the Hill.	2,997	273	75	—	—		
Monkland - -	1,108	206	52	—	—	Wells & springs	Fairly good and adequate.
New Hampton - -	148	16	2	—	—		
Newton - -	515	69	17	—	—	Do. - -	Good and adequate.
Orleton - -	2,606	584	154	—	—		
Padleston - -	1,778	225	57	—	—	Do. - -	Fairly good & adequate.
Richards Castle - -	2,500	218	59	—	—		
Stoke Prior - -	2,333	358	87	—	—	Wells & springs	Good and adequate.
Yarpole - -	2,534	493	122	—	—		
<b>Ross R.D.:</b>							
Aston Ingham - -	2,366	439	112	—	—	Wells & springs	Satisfactory.
Ballingham - -	910	152	36	—	—		
Brampton Abbotts -	1,520	203	51	—	—		
Bridstow - -	2,232	578	140	—	—		
Brockhampton - -	1,561	254	54	—	—		
Foy - -	2,366	279	65	—	—		
Goodrich - -	1,945	485	128	—	—		
Harewood - -	668	77	18	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Herefordshire— cont.</b>							
<b>Ross R.D.—cont.</b>							
Hentland - - -	2,647	477	121	—	—		
Hope Mansel - -	1,123	175	49	—	—		
How Caple - - -	1,015	115	29	—	—		
King's Caple - -	1,815	272	63	—	—		
Lea - - - - -	793	203	57	—	—		
Linton - - - -	2,775	738	192	—	—		
Llandinabo - - -	500	66	12	—	—		
Llangarren - - -	5,411	761	220	100	Ross R.D.C. - - -		
Llanwarne - - -	2,473	365	80	—	—		
Marstow - - - -	2,010	341	93	—	—		
Pencoyd - - - -	890	122	36	—	—		
Peterstow - - -	1,274	264	64	—	—		
Ross Rural - - -	2,620	436	100	22	Trustees of the late T. Blake -	Wells & springs	Satisfactory.
St. Weonards - -	4,561	501	130	—	—		
Sellack - - - -	2,066	334	83	—	—		
Sollers Hope - -	1,152	100	27	—	—		
Tretire - with -	1,382	151	26	—	—		
Michaelchurch.							
Upton Bishop	3,986	582	151	—	—		
Walford - - - -	4,340	1,025	247	—	—		
Weston under Pen- yard.	3,210	766	187	—	—		
Yatton - - - -	1,452	160	43	—	—		
<b>Weobley R.D.:</b>							
Almeley - - - -	3,449	476	126	—	—	Wells & springs	Good & fairly sufficient.
Birley - - - - -	1,295	193	43	—	—	Wells - - -	Good.
Bishopstone - -	1,016	165	48	—	—	Do. - - -	Good & fairly sufficient.
Blakemere - - -	1,121	104	32	—	—	Do. - - -	Good.
Bridge Sollers -	788	47	12	—	—	Do. - - -	Good & fairly sufficient.
Brinsop - - - -	1,413	135	24	—	—	Wells & springs	Good.
Brobury - - - -	530	54	11	—	—	Wells - - -	Good.
Byford - - - - -	942	148	41	—	—	Wells & springs	Good & fairly sufficient.
Canon Pyon - - -	3,749	575	142	—	—	Do. - - -	Good.
Dilwyn - - - - -	6,423	956	234	—	—	Do. - - -	Good & fairly sufficient.
Eardisland - - -	3,656	508	122	—	—	Do. - - -	Good.
King's Pyon - - -	2,407	385	96	—	—	Do. - - -	Good & fairly sufficient.
Kinnersley - - -	2,249	242	60	—	—	Wells - - -	Good & fairly sufficient.
Letton - - - - -	1,214	146	39	—	—	Wells & springs	Good.
Mansell Gamage -	1,376	116	26	—	—	Do. - - -	Good & fairly sufficient.
Mansell Lacy - -	1,316	201	47	—	—	Do. - - -	Good.
Moccas - - - - -	1,190	197	39	—	—	Do. - - -	Good & fairly sufficient.
Monnington on Wye	1,023	75	18	—	—	Wells - - -	Good.
Norton Canon - -	2,148	245	65	—	—	Do. - - -	Good.
Preston on Wye -	1,380	185	52	—	—	Wells & springs	Good & fairly sufficient.
Sarnesfield - - -	1,021	117	19	—	—	Wells - - -	Good.
Staunton on Wye -	2,376	457	134	16	Trustees of Jarvis' Charity -	Do. - - -	Good.
Stretford - - - -	434	35	7	—	—	Do. - - -	Good & fairly sufficient.
Weobley - - - - -	3,899	702	164	—	—	Do. - - -	Good.
Wormsley - - - -	1,249	57	17	—	—	Do. - - -	Good & fairly sufficient.
Yazor - - - - -	2,063	178	38	—	—	Wells & springs	Good.
<b>Whitchurch R.D.:</b>							
Ganarew - - - -	848	137	22	—	—	(a) Wells, springs & streams; (b) rainwater.	(a) Good, but distant from some houses; (b) variable & insufficient.
Garway - - - - -	3,625	347	85	—	—	Wells, springs, & streams.	Fair, but distant from some houses.
Llanrothal - - -	2,014	117	29	—	—	Do. - - -	Good.
Welsh Bicknor - -	889	102	22	—	—	Do. - - -	Good.
Welsh Newton - -	1,943	161	42	—	—	Do. - - -	Good.
Whitchurch - - -	2,191	662	173	—	—	Wells, springs, river, & rain-water.	Fairly good, but distant some houses.
<b>Wigmore R.D.:</b>							
Adforton - - - -	1,592	189	48	—	—	Wells - - -	Not very good.
Aston - - - - -	970	31	9	9	C. A. Boughton Knight, Esq.	Wells - - -	Good, but limited.
Aymestrey - - -	6,441	475	116	—	—	Do. - - -	Good.
Brampton Bryan -	3,017	256	57	32	{ R. G. G. Harley, Esq. - - Property owner - - -	Do. - - -	Fair at Buckton.
Buckton and Coxall	1,313	128	28	—	—	Do. - - -	Fair.
Burrington - - -	2,643	154	31	—	—	Do. - - -	Generally fair.
Downton - - - -	1,220	103	26	—	—	Do. - - -	Good and adequate.
Elton - - - - -	1,486	80	16	—	—	Do. - - -	Good.
Leintall Starks -	1,017	112	30	30	C. A. Boughton Knight, Esq.	Wells - - -	Good.
Leintwardine North	5,611	979	220	110	Wigmore R.D.C. - - -	Do. - - -	Fairly satisfactory.
Lingen - - - - -	2,375	263	68	—	—	Do. - - -	Do.
Shobdon - - - -	3,639	345	74	—	—	Do. - - -	Satisfactory and sufficient.
Walford, Letton and Newton.	1,619	160	38	—	—	Do. - - -	Good.
Wigmore - - - -	3,480	387	89	52	Wigmore P.C. - - -	Do. - - -	Good and sufficient.
Willey - - - - -	2,186	110	16	—	—	Do. - - -	Good and sufficient.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>HERTFORD-SHIRE.</b>							
*Baldock U.D.	360	2,327	600	245	First Garden City, Ltd. (bulk)	Wells	Good.
Barnet U.D.	1,510	10,440	2,088	2,088	Barnet Dist. Gas & Water Co.	Wells	Good and sufficient.
Bishop Stortford U.D.	3,371	8,721	1,925	1,798	Bishop Stortford U.D.C.	Do.	Good and adequate.
Bushey U.D.	3,081	6,978	1,327	1,313	Colne Valley Water Co.	Do.	Good and adequate.
Cheshunt U.D.	8,479	12,954	2,830	2,770	Cheshunt U.D.C.; and Metro- politan Water Board (bulk).	Wells, springs, New River & R. Lea, Cuffley Brook, & rain- water.	Generally good and suffi- cient.
Chorleywood U.D.	1,989	1,947	493	460	Rickmansworth and Uxbridge Valley Water Co.	Wells	Good.
East Barnet Val- ley U.D.	2,644	12,381	2,504	2,503	{ Barnet Dist. Gas & Water Co. { Metropolitan Water Board	{ Do.	{ Satisfactory.
Great Berkham- stead U.D.	1,208	7,302	1,584	1,576	Great Berkhamstead Water- works Co.	Wells	Good.
Harpenden U.D.	1,633	6,172	1,366	1,326	{ Harpenden Water Co. { J. E. Joel, Esq.	{ Wells & springs	{ Adequate.
Hemel Hempstead B.	7,184	12,888	2,833	2,733	Hemel Hempstead T.C.	Wells & springs	Good.
Hertford B.	1,134	10,383	2,256	2,211	{ Metropolitan Water Board { Hertford T.C.	{ Wells	{ Potable and satisfactory.
Hitchin U.D.	2,624	11,905	2,706	2,651	Hitchin U.D.C.	Do.	Satisfactory.
Hoddesdon U.D.	1,576	5,196	1,190	1,122	{ Hoddesdon Wrks. Co., Ltd. { Metropolitan Water Board	{ Wells, springs, & river.	{ Do.
*Rickmansworth U.D.	2,818	6,876	1,549	1,549	Rickmansworth and Uxbridge Valley Water Co.	—	—
Royston U.D.	1,003	3,985	922	922	Royston Water Co., Ltd.	—	—
†St. Albans B.	2,695	25,000	5,756	5,746	St. Albans Waterworks Co.	Wells	Good and adequate.
Sawbridgeworth U.D.	2,678	2,304	526	467	Herts and Essex Waterworks Co., Ltd.	{ Wells & springs	{ Good.
Stevenage U.D.	4,545	4,856	1,128	1,019	Stevenage U.D.C.	Wells	Variable, but sufficient.
Tring U.D.	4,407	4,481	1,105	810	Chiltern Hills Spring Water Co.	Do.	Satisfactory.
Ware U.D.	629	5,842	1,291	1,287	Ware U.D.C.	Do.	—
Watford U.D.	2,061	40,939	8,900	8,900	{ Watford U.D.C. { Colne Valley Water Co.	{ —	{ —
<b>Ashwell R.D.:</b>							
Ashwell	4,109	1,284	346	201	Ashwell R.D.C.	Springs & wells	Variable, but generally ample.
Barkway	3,252	671	185	—	—	Wells	Variable, but adequate.
Barley	2,725	560	151	—	—	Wells and ponds	Fair.
Hinxworth	1,463	198	64	—	—	Wells	Not very good.
Kelshall	2,360	217	52	—	—	Wells and ponds	Not very good and inadequate.
Nuthampstead	1,959	123	42	—	—	Ponds, rain- water, & wells.	—
Reed	1,477	214	53	—	—	Wells & ponds	—
Therfield	4,704	681	180	—	—	—	—
<b>Barnet R.D.:</b>							
Elstree	1,510	1,939	425	414	Colne Valley Water Co.	Wells	Good and sufficient.
Ridge	3,615	537	108	36	{ Do. { Barnet Dist. Gas & Water Co.	{ Do.	{ Good & fairly sufficient.
Shenley	4,091	1,598	350	227	{ Colne Valley Water Co. { Barnet Dist. Gas & Water Co.	{ Wells and river	{ Good and sufficient.
Totteridge	1,604	895	180	132	Do.	Wells	Good and sufficient.
<b>Berkhamstead R.D.:</b>							
Aldbury	2,027	782	195	148	{ L. & N.W. Railway Co. { Chiltern Hills S. Water Co.	{ Wells	{ Good and sufficient.
Great Berkham- stead Rural.	3,264	479	116	82	Great Berkhamstead Water- works Co.	Wells and rain- water.	Do.
Little Gaddesden	2,458	552	143	143	Earl Brownlow	Wells	—
Nettleden	781	140	39	—	—	Wells	—
Northchurch	3,798	1,279	304	210	Great Berkhamstead Water- works Co.	Wells and rain- water (filtered).	Good and sufficient.
Pattenham	796	90	27	22	Chiltern Hills S. Water Co. (bulk).	Wells	—
Tring Rural	3,584	690	187	49	Chiltern Hills S. Water Co.	Wells, springs, & stream (filtered).	—
Wigginton	1,675	695	179	171	Do.	Wells & rain-water	—
<b>Buntingford R.D.:</b>							
Anstey	2,150	365	85	—	—	Wells	Good & fairly sufficient.
Ardeley	2,424	370	104	—	—	Do.	Fair, but some inadequate.
Aspenden	1,711	774	171	58	Buntingford R.D.C.	Do.	Fair.
Broadfield	375	14	4	—	—	Do.	Good.

\* Baldock U.D. and Rickmansworth U.D.—As extended from 1st April, 1913. † St. Albans B.—As extended from 9th November, 1913.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Hertfordshire— cont.</b>							
<b>Buntingford R.D.</b>							
—cont.							
Buckland - - -	1,629	258	65	—	—	Wells - - -	Fair.
Cottered - - -	1,832	316	95	—	—	Do. - - -	Good, but scarce in parts.
Great Horstead - - -	1,968	425	126	—	—	Do. - - -	Fair.
Layston - - -	1,434	772	177	89	Buntingford R.D.C.	Do. - - -	Good.
Little Horstead - - -	1,065	104	25	—	—	Do. - - -	Fair.
Meesden - - -	1,009	144	36	—	—	Do. - - -	Fair.
Rushden - - -	1,509	196	58	—	—	Wells & ponds - - -	Poor.
Sandon - - -	4,061	544	147	—	—	Wells - - -	Good.
Throcking - - -	1,018	44	9	—	—	Do. - - -	Good but distant from houses
Wallington - - -	2,043	147	41	—	—	Do. - - -	Fair.
Westmill - - -	2,670	356	99	—	—	Do. - - -	Good.
Wyddial - - -	1,542	250	65	13	Buntingford R.D.C.	Do. - - -	Good.
<b>Hadham R.D. :</b>							
Albury - - -	3,248	547	142	—	—	—	—
Braughing - - -	4,368	949	250	—	—	—	—
Brent Pelham - - -	1,637	243	54	—	—	—	—
Furneux Pelham - - -	2,585	437	117	—	—	—	—
High Wych - - -	3,961	793	177	32	Herts & Essex Waterworks Co.	Wells - - -	Satisfactory.
Little Hadham - - -	3,082	744	189	—	—	—	—
Much Hadham - - -	4,490	1,606	355	188	Hadham R.D.C.	—	—
Stocking Pelham - - -	647	129	37	—	—	—	—
Thorley - - -	1,450	347	93	—	—	—	—
<b>Hatfield R.D. :</b>							
Bishop's Hatfield - - -	12,884	5,306	1,110	640	Marquess of Salisbury - - -	Wells & springs	Good.
Essendon - - -	2,331	601	120	85	Hatfield R.D.C.	—	—
Northaw - - -	3,305	656	130	16	Barnet District Gas & Water Co.	—	—
North Mimms - - -	4,966	2,029	440	52	Do. do.	—	—
<b>Hemel Hempstead R.D. :</b>							
Bovingdon - - -	3,957	1,179	300	210	Rickmansworth and Uxbridge Valley Water Co.	Wells - - -	Generally satisfactory and sufficient.
Flamstead - - -	5,491	972	240	5	Hemel Hempstead R.D.C.	—	—
Flaunden - - -	919	161	47	39	Rickmansworth, &c., Water Co.	Wells, springs, & rain-water.	—
Great Gaddesden - - -	4,149	752	204	—	—	Wells - - -	Doubtful.
King's Langley - - -	3,481	2,166	600	475	Rickmansworth, &c., Water Co.	Wells and rain- water.	—
Markyate - - -	1,997	1,335	347	300	Hemel Hempstead R.D.C.	—	—
<b>Hertford R.D. :</b>							
Aston - - -	2,070	580	144	—	—	Wells and spring	—
Bayford - - -	1,853	318	71	65	Hertford R.D.C.	Wells - - -	—
Bengeo Rural - - -	2,778	565	117	30	Hertford T.C.	Wells and spring	Satisfactory.
Bennington - - -	3,060	518	123	12	Various property owners	Wells - - -	—
Bramfield - - -	1,609	198	50	—	—	Well - - -	—
Brickendon Rural - - -	1,348	293	58	—	—	Wells and spring	—
*Datchworth - - -	1,553	550	127	—	—	Wells and rain- water.	Wells satisfactory.
Hertingfordbury - - -	2,645	667	167	20	Lord Desborough - - -	—	—
Little Amwell - - -	469	847	196	156	Metropolitan Water Board	—	—
Little Berkham- stead. - - -	1,587	398	100	—	—	—	—
Sacombe - - -	1,534	216	48	—	—	Wells - - -	Satisfactory.
St. Andrew Rural - - -	1,040	85	17	—	—	—	—
St. John Rural - - -	1,662	262	33	—	—	—	—
Stapleford - - -	1,355	209	47	—	—	—	—
*Tewin - - -	2,695	485	110	—	—	—	—
Walkern - - -	2,992	779	185	—	—	—	—
Watton at Stone - - -	3,585	689	169	—	—	—	—
<b>Hitchin R.D. :</b>							
Bygrave - - -	1,761	355	57	—	—	Wells - - -	Good.
Caldecote - - -	326	35	5	—	—	—	—
Clothall - - -	3,525	244	75	—	—	Wells - - -	Poor.
Codicote - - -	2,531	1,174	224	—	—	Wells & boreholes	Fair.
Graveley - - -	1,838	386	111	—	—	Wells - - -	Fair.
Great Wymondley - - -	1,491	262	78	—	—	Spring - - -	Good.
Hexton - - -	1,485	188	47	—	—	Wells - - -	Fair.
Holwell - - -	870	242	60	—	—	Wells and river - - -	Poor.
Ickleford - - -	1,036	630	149	122	Hitchin U.D.C. (bulk) - - -	Wells - - -	Good.
Ippollitts - - -	2,936	833	233	4	Hitchin U.D.C.	Do. - - -	Fair.
Kimpton - - -	3,677	909	241	—	—	Do. - - -	Fair.
King's Walden - - -	4,392	974	260	—	—	—	—
Knebworth - - -	3,489	1,252	218	218	Earl of Lytton - - -	Wells - - -	Fair.
Langley - - -	1,626	127	42	—	—	—	—
Letchworth - - -	3,652	5,324	1,512	1,512	First Garden City, Ltd.	Wells - - -	Fair.
Lilley - - -	1,795	418	121	7	Luton Water Co. - - -	Do. - - -	Good.
Little Wymondley - - -	1,007	330	80	—	—	Wells & boreholes	Good.
Newnham - - -	975	115	33	—	—	Wells - - -	Poor.
Offley - - -	5,569	1,045	269	—	—	—	—
Pirton - - -	2,783	814	220	—	—	—	—

\* Datchworth and Tewin.—Welwyn R.D.C. are about to supply in bulk.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Hertfordshire—</b>							
<i>cont.</i>							
<b>Hitchin R.D.—</b>							
<i>cont.</i>							
Preston - - -	1,119	247	63	—	—	Wells - - -	Good, but inadequate.
Radwell - - -	743	95	18	—	—	Do. - - -	Good.
St. Paul's Walden -	3,720	873	221	—	—	Do. - - -	Poor.
Shephall - - -	1,156	167	34	—	—	Do. - - -	Fair.
Walsworth - - -	1,051	592	137	76	Hitchin U.D.C. - - -	Wells & boreholes	Good.
Weston - - -	4,502	834	196	196	M. R. Pryor, Esq. - - -	—	—
Willian - - -	827	201	50	50	First Garden City, Ltd. -	—	—
<b>St. Alban's R.D. :</b>							
Harpden Rural -	3,479	383	85	17	Harpden Water Co. - - -	Wells - - -	Satisfactory.
Redbourn - - -	4,563	2,060	510	18	Earl of Verulam - - -		
					J. B. Joel, Esq. - - -		
					Earl of Verulam - - -		
					J. B. Joel, Esq. - - -		
St. Michael Rural -	6,131	747	177	129	Hemel Hempstead T.C. -		
					St. Alban's Waterworks Co. -		
					Do. do. - - -		
St. Peter Rural - -	5,256	4,796	563	292	Marquess of Salisbury -		
					Committee of Visitors, Herts.		
					Co. Asylum ; & Middlesex		
					Co. Co. (Napsbury Asylum)		
St. Stephen - - -	6,991	1,848	458	113	St. Alban's Waterworks Co. -	Wells - - -	Satisfactory.
Sandridge Rural -	5,466	792	202	5	Colne Valley Water Co. -		
Wheathampstead -	5,187	2,850	695	7	St. Alban's Waterworks Co. -		
					J. B. Joel, Esq. - - -		
<b>Ware R.D. :</b>							
Broxbourne - - -	1,932	758	209	146	Metropolitan Water Board -	Springs and well.	Good.
					Ware R.D.C. - - -		
Eastwick - - -	841	101	27	25	A. S. Bowlby, Esq. - - -	Wells - - -	Good and abundant.
Gilston - - -	985	241	69	—	—	Do. - - -	
Great Amwell - - -	2,289	2,047	362	253	Ware U.D.C. (bulk); Trustees of the late R. Glasspool; Metropolitan Water Board.	Springs and wells.	Good.
Great Munden - -	3,758	350	89	—	—	Wells - - -	Very good & fairly adequate.
Hoddesdon Rural -	1,110	65	18	—	—	Wells and springs	
Hunsdon - - -	1,971	477	132	—	—	Wells - - -	
Little Munden - -	1,774	483	100	—	—	Wells - - -	
Standon - - -	7,745	2,494	572	—	—	Wells and springs	Good & abundant.
Stanstead Abbots -	2,612	1,518	345	—	—	Wells - - -	
Stanstead St. Margaret's.	408	179	51	7	Metropolitan Water Board -	Do. - - -	
Thundridge - - -	2,206	463	117	—	—	Wells & springs	Good & fairly adequate.
Ware Rural - - -	4,208	885	208	—	—	Do. - - -	
Widford - - -	1,168	472	116	—	—	Wells - - -	Good.
Wormley - - -	946	931	224	209	Ware R.D.C. - - -	Springs and wells	
<b>Watford R.D. :</b>							
Abbots Langley -	5,281	3,909	982	875	Rickmansworth & Co. Water Co. -	Wells - - -	Good.
					Hemel Hempstead T.C. -		
Aldenham - - -	6,114	3,894	865	855	Colne Valley Water Co. -	Cress beds with artesian wells.	Fair.
Rickmansworth Rural.	7,460	1,609	372	206	Rickmansworth and Uxbridge Valley Water Co. -		
Sarratt - - -	1,540	667	182	123	Do. do. - - -	Wells - - -	Good.
					Do. do. - - -		
Watford Rural - -	8,854	5,750	567	444	Watford U.D.C. - - -	Wells - - -	Good.
					Colne Valley Water Co. -		
<b>Welwyn R.D. :</b>							
Ayot St. Lawrence -	751	130	30	—	—	Wells - - -	Satisfactory.
Ayot St. Peter - -	1,093	180	50	—	—	Wells - - -	
Digswell - - -	1,674	401	136	12	Welwyn R.D.C. - - -	Wells and stream (Mimram).	
					Do. - - -	Wells - - -	
Welwyn - - -	2,962	1,708	284	249	Earl of Lytton - - -	Wells - - -	
<b>HUNTINGDONSHIRE.</b>							
Godmanchester B.	4,907	2,130	525	—	—	Wells, ponds, & rain-water.	LIABLE to pollution, but abundant.
Huntingdon B. - -	1,074	4,003	934	922	Huntingdon T.C. - - -	Wells - - -	Satisfactory
Old Fletton U.D. -	3,029	5,005	1,086	1,074	Peterborough T.C. - - -	Do. - - -	Satisfactory.
Ramsey U.D. - - -	17,033	5,328	1,198	—	—	Wells and rain-water.	Unsatisfactory, but sufficient.
St. Ives B. - - -	2,326	3,015	737	317	East Huntingdonshire Water Co. (bulk)	Wells - - - River Ouse (at Staunton)	Shallow, but plentiful. LIABLE to contamination.
St. Neots U.D. - -	1,090	4,171	1,036	513	St. Neots U.D.C. - - -	Wells and spring	Good.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Huntingdonshire</b> <i>—cont.</i>							
<b>Huntingdon R.D.:</b>							
Abbots Ripton -	4,191	379	92	—	—	Pond - -	Indifferent, but plentiful.
Alconbury -	3,797	518	151	—	—	Wells - -	Good and adequate.
Alconbury Weston -	1,735	319	92	—	—	Do. - -	—
Barham -	742	49	14	—	—	Pond - -	Fair and adequate.
Brampton -	3,557	895	261	—	—	Wells & springs -	—
Buckworth -	2,023	150	36	—	—	Do. - -	Good and plentiful.
Conington -	3,175	261	65	—	—	Ponds - -	Fair and sufficient.
Coppingford -	829	40	9	—	—	Well and pond -	—
Easton -	1,353	93	29	—	—	Well and spring -	—
Ellington -	2,700	277	72	—	—	Wells & springs -	Good and plentiful.
Great Raveley -	1,781	168	39	—	—	Well - -	—
Great Stakeley -	2,875	352	90	—	—	Wells and ponds -	Fair and sufficient.
Hamerton -	2,184	159	40	—	—	Ponds - -	—
Hartford -	1,879	461	110	—	—	Wells - -	Indifferent, but plentiful.
Kings Ripton -	1,169	112	30	—	—	Ponds and brook -	Indifferent, but sufficient.
Leighton -	3,128	275	73	—	—	Ponds - -	Fair and sufficient.
Little Raveley -	751	46	10	—	—	Do. - -	Indifferent, but plentiful.
Little Stakeley -	1,523	240	71	—	—	Wells - -	Fair.
Sawtry All Saints and St. Andrew.	3,341	813	214	—	—	Wells & springs -	Good and sufficient.
Sawtry St. Judith -	2,932	181	39	—	—	Wells and ponds -	Indifferent & inadequate.
Spaldwick -	1,552	258	80	—	—	Springs - -	Good and ample.
Steeple Gidding -	1,102	81	24	—	—	Pond - -	Fair and sufficient.
Upton -	1,216	100	26	—	—	Wells and pond -	—
Upwood -	2,141	376	93	—	—	Wells - -	Good and fairly sufficient.
Wood Walton -	3,898	281	63	—	—	Wells and pond -	Fair and sufficient.
Woolley -	1,148	54	15	—	—	Wells - -	—
<b>Norman Cross R.D.:</b>							
Alwalton -	974	219	69	—	—	—	—
Caldecote -	795	28	7	—	—	Wells - -	Satisfactory and sufficient.
Chesterton -	1,349	110	25	—	—	—	—
Denton -	1,031	67	18	—	—	Wells & rainwater -	Not very satisfactory.
Farcet -	4,487	1,284	277	—	—	Wells and pond -	Not very satisfactory in dry seasons.
Folksworth -	896	111	35	—	—	—	—
Glatten -	2,176	154	54	—	—	Wells - -	—
Huddon -	1,224	108	24	—	—	Wells & rainwater -	—
Holme -	4,435	648	137	—	—	—	—
Morborne -	1,205	61	16	—	—	Wells - -	—
Orton Longueville -	2,409	272	60	36	Peterborough T.C. (bulk)	Wells - -	Satisfactory and suffi- cient.
Orton Waterville -	1,400	219	67	—	—	Wells & rainwater -	—
Stilton -	1,638	491	145	—	—	Wells - -	—
Washingley -	1,295	64	17	—	—	Wells - -	—
Water Newton -	883	91	32	—	—	Wells & rainwater -	—
Yaxley -	4,298	1,697	420	—	—	—	—
<b>St. Ives R.D.:</b>							
Bluntisham cum Earith.	3,454	1,022	288	—	—	—	—
Broughton -	2,372	260	74	—	—	—	—
Bury -	1,446	379	82	—	—	—	—
Colne -	1,753	339	61	—	—	—	—
Fen Stanton -	2,581	863	231	56	East Huntingdonshire Water Co.	—	—
Hemingford Abbots -	2,421	364	89	—	—	—	—
Hemingford Grey -	1,849	800	183	—	—	—	—
Hilton -	1,326	273	71	—	—	Wells - -	Fair.
Holywell cum Needlingworth.	2,911	607	161	—	—	—	—
Houghton -	1,549	350	98	—	—	—	—
Old Harst -	1,077	98	23	—	—	—	—
Pidley cum Fenton -	3,752	366	100	—	—	—	—
Somersham -	4,516	1,404	361	—	—	—	—
Warboys -	8,435	1,790	429	—	—	—	—
Wistow -	2,408	370	84	—	—	—	—
Woodhurst -	1,823	247	70	—	—	—	—
Wyton -	1,470	169	43	—	—	—	—
<b>St. Neots R.D.:</b>							
Abbotsley -	1,723	328	89	80	Col. W. H. O. Duncombe	Wells, ponds, and brooks.	Fair and sufficient.
Buckden -	3,114	995	250	—	—	—	—
Catworth -	3,094	420	108	—	—	—	—
Diddington -	1,298	186	43	—	—	—	—
Eynesbury	2,649	131	29	8	St. Neots U.D.C.	Do. do.	Poor and insufficient.
Hardwicke.	—	—	—	—	—	—	—
Grafham -	1,927	223	58	—	—	Do. do.	Poor.
Great Gransden -	3,402	470	116	—	—	Do. do.	Fair and sufficient.
Great Paxton -	1,407	268	69	65	St. Neots R.D.C.	Do. do.	Generally fair & sufficient; poor in Dillington Ham- let.
Great Staughton -	6,407	763	196	—	—	—	—
Hail Weston -	1,590	258	71	—	—	Do. do.	Fair and sufficient.
Kimbolton -	5,140	913	222	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Huntingdonshire</b> —cont.							
<b>St. Neots R.D.—</b> —cont.							
Little Paxton	1,522	214	46	—	—	Wells, ponds, and brooks.	Fair and sufficient.
Midloe	881	37	8	—	—		
Offord Cluney	1,062	221	62	—	—		
Offord Darcy	1,866	358	84	—	—	Do. do.	Poor and insufficient.
St. Neots Rural	2,699	88	15	—	—		
Southoe	1,499	229	57	—	—		
Stow	844	102	26	—	—	Do. do.	Fair and sufficient.
Tetworth	2,236	178	40	4	Col. W. H. O. Duncombe		
Tilbrook	1,683	256	72	—	—		
Toseland	1,342	151	40	—	—	Do. do. Do. do. Wells and ponds.	Poor and insufficient. Fair and sufficient.
Waresley	2,032	192	53	7	Col. W. H. O. Duncombe		
Yelling	1,848	246	60	—	—		
<b>KENT.</b>							
Ashford U.D.	2,850	13,668	3,119	2,889	E. Ashford R.D.C. thro' the S.E. & C. Rly. Co.; Ashford U.D.C.; Mid Kent Water Co.	Wells, springs, and rain-water. Wells Wells & springs	Satisfactory.
Beckenham U.D.	3,890	31,692	6,227	6,223	Metropolitan Water Board		
Bexley U.D.	4,942	15,895	3,422	3,420	Do.		
Broadstairs and St. Peter's U.D.	3,029	10,045	2,520	2,520	Broadstairs & St. Peters U.D.C. and Margate T.C. (bulk).	Well	Fairly satisfactory.
Bromley B.	4,696	33,646	6,776	6,775	Metropolitan Water Board		
Canterbury C.B.	3,975	24,626	5,388	5,388	Canterbury Gas & Water Co.		
Chatham B.	4,356	42,250	8,782	8,770	Brompton, Chatham, Gilling- ham & Rochester Waterworks Co.	Rain-water	Variable.
Cheriton U.D.	1,159	7,577	840	840	Folkestone Waterworks Co.		
Chislehurst U.D.	2,791	8,666	1,765	1,706	Metropolitan Water Board		
Dartford U.D.	4,242	23,609	4,084	4,049	Do.	Do. Wells Rain-water	Satisfactory & adequate. Satisfactory. Unsatisfactory.
Deal B.	1,114	11,295	2,687	2,671	Deal and Walmer Jt. Water Board (bulk).		
Dover B.	2,961	43,645	8,389	8,377	{ Dover T.C. { East Kent Dist. Water Co.		
Erith U.D.	3,859	27,750	5,129	5,129	Metropolitan Water Board	—	—
Faversham B.	685	10,619	2,488	2,384	Faversham Water Co.		
Folkestone B.	2,482	33,502	6,351	6,333	Folkestone Waterworks Co.		
Foots Cray U.D.	2,043	8,493	1,644	1,644	Metropolitan Water Board	Wells & rainwater Wells	Good and sufficient. Good.
Gillingham B.	4,988	52,252	10,237	10,048	Brompton, &c., Water Co.		
Gravesend B.	1,260	28,115	5,499	5,495	Gravesend and Milton Water- works Co.		
Herne Bay U.D.	887	7,780	1,704	1,702	Herne Bay Waterworks Co.	Do. Springs	Satisfactory. Good and sufficient.
Hythe B.	2,608	6,387	1,468	1,464	Hythe T.C.		
Lydd B.	12,082	2,874	513	366	Littlestone on Sea & District Water Co.		
Maidstone B.	4,008	35,475	7,298	7,230	Maidstone Waterworks Co.	Do.	Generally excellent and sufficient.
Margate B.	2,961	29,000	6,376	6,376	Margate T.C.		
Milton Regis U.D.	2,554	7,475	1,565	1,515	Milton Regis U.D.C.		
New Romney B.	1,364	1,333	296	196	Littlestone on Sea, &c., Water Co.	Wells	Very doubtful, but ade- quate.
Northfleet U.D.	3,932	14,184	2,834	2,762	Gravesend & M. Waterworks Co.; Mid Kent Water Co.; Higham & Hundred of Hoo Water Co.		
Penge U.D.	770	22,330	3,849	3,849	Metropolitan Water Board		
Queenborough B.	656	2,738	524	524	Queenborough T.C.	—	—
Ramsgate B.	2,306	29,603	6,503	6,503	Ramsgate T.C.		
Rochester B.	2,936	31,384	6,616	6,616	{ Rochester T.C. { Brompton, &c., Water Co.		
Sandgate U.D.	273	2,367	287	287	Sandgate U.D.C. & Folkestone Waterworks Co. (part in bulk).	—	—
Sandwich B.	707	3,040	699	699	Sandwich T.C.		
Sevenoaks U.D.	3,259	9,182	1,969	1,969	Sevenoaks Waterworks Co.		
Sheerness U.D.	864	17,487	3,414	3,414	Sheerness U.D.C.	Wells	Fair and ample.
Sittingbourne U.D.	1,004	8,380	1,840	1,820	Sittingbourne U.D.C.		
Southborough U.D.	1,702	7,001	1,617	1,605	{ Southborough U.D.C. { Tunbridge Wells T.C.		
Tenterden B.	8,946	1,379	765	341	Cranbrook District Water Co.	Wells and ponds Wells	Good and adequate. Satisfactory.
Tonbridge U.D.	1,356	14,796	3,271	3,177	Tonbridge Waterworks Co., Ltd.		

\* Broadstairs and St. Peter's U.D.—As extended from 1st April, 1914.

† Margate B.—As extended from 9th November, 1913.

† A small part of Sandgate U.D. is included in Folkestone B.

§ Queenborough B.—As extended from 9th November, 1912.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Kent—cont.</b>									
Tunbridge Wells B.	3,991	35,697	7,507	7,465	Tunbridge Wells T.C. - -	Wells - -	Good.		
Walmer U.D. -	988	5,347	930	923	Deal and Walmer Joint Water Board (bulk).	Do. - -	Good and plentiful.		
Whitstable U.D. -	795	7,982	1,924	1,824	Whitstable Water Co., Ltd. -	Do. - -	Fairly good.		
Wrotham U.D. -	8,883	4,169	879	716	{ Mid Kent Water Co. - - W. M. Cazalet, Esq. - -	{ Wells & rain- water.	Very fair and satisfactory.		
<b>Blean R.D. :</b>									
Chislelet - - -	6,808	951	235	59	Canterbury Gas & Water Co. (bulk).	Wells - -	Good.		
Hackington - -	1,867	708	130	108	Canterbury Gas & Water Co. Do.	Stream - -			
Herne - - -	4,025	1,900	426	423	{ Herne Bay Waterworks Co. Guardians of the Poor, Blean Union (bulk).	{ Spring - -			
Hoath - - -	915	324	62	51	{ Herne Bay Waterworks Co. -	Wells - -			
Reculver - - -	1,209	444	110	95	- - -	Wells & springs -	Fair and ample.		
St. Cosmus and St. Damian in the Blean.	2,335	584	123	—	- - -	- - -			
St. Dunstan Without	124	230	18	9	{ Canterbury Gas & Water Co.	Wells - -			
Sturry - - -	3,148	1,227	261	189	- - -	Do. - -			
Swalecliffe - -	927	224	53	—	- - -	Do. - -	Fair and ample.		
Westbere - - -	1,175	373	75	37	Canterbury Gas & Water Co.	Do. - -			
Whitstable cum Seasalter.	4,351	632	145	87	Whitstable Water Co., Ltd. -	Do. - -			
<b>Bridge R.D. :</b>									
Adisham - - -	2,082	451	101	70	Margate T.C. - - -	Wells - -	Good and sufficient.		
Barham - - -	4,699	900	219	51	Mid Kent Water Co. - - -				
Beakesbourne - -	1,091	348	79	16	{ Margate T.C. - - -				
Bishopsbourne - -	2,023	289	77	18					
Bridge - - -	1,171	823	178	44	- - -	Wells - -	Good and sufficient.		
Chartham - - -	4,569	2,935	390	—	- - -				
Fordwich - - -	426	254	69	64	{ Canterbury Gas & Water Co. Fordwich Water Supply Committee.				
Harbledown - -	1,644	828	189	88	Canterbury Gas & Water Co. -				
Ickham and Well -	2,219	542	126	66	Margate T.C. - - -	Wells - -	Good and sufficient.		
Kingston - - -	1,242	229	53	4	Mid Kent Water Co. - - -				
Littlebourne - -	2,491	883	217	72	Margate T.C. - - -				
Lower Hardres - -	1,180	256	64	—	- - -				
Milton - - -	403	3	2	—	- - -	Wells - -	Good and sufficient.		
Nackington - -	762	99	19	4	Canterbury Gas & Water Co. -				
Patricxbourne - -	1,559	185	45	9	Margate T.C. - - -				
Petham - - -	3,338	552	128	—	- - -				
St. Nicholas Hospital	70	24	17	17	Canterbury Gas & Water Co. -	- - -	- - -		
Stodmarsh - - -	700	121	26	—	- - -	Wells - -	Good and sufficient.		
Thanington Without	1,074	104	21	—	- - -				
Upper Hardres - -	2,037	295	76	—	- - -				
Waltham - - -	3,236	350	84	—	- - -				
Wickhambreux - -	2,059	452	113	41	Margate T.C. - - -	Wells - -	Good and sufficient.		
Womenswold - -	1,722	271	56	54	East Kent District Water Co. through Margate T.C.				
<b>Bromley R.D. :</b>									
Chelsfield - - -	3,378	1,790	467	419	Metropolitan Water Board -			Rain-water and wells.	Satisfactory; wells adequate.
Cudham - - -	5,925	1,604	427	263	{ Do.	Rain-water -	Satisfactory.		
Downe - - -	1,652	649	155	149	{ Do.	Wells - -	Satisfactory and adequate.		
Farnborough - -	1,429	3,210	529	523	Do.	Rain-water -	Satisfactory.		
Hayes - - -	1,282	925	221	216	Do.	Rain-water and wells.	Satisfactory; wells adequate.		
Keston - - -	1,487	986	247	231	Do.	Rain-water -	Satisfactory.		
Knockholt - - -	1,701	943	242	217	Do.	Wells - -	Satisfactory and adequate.		
Mottingham - -	642	1,534	346	346	Do.	Wells and rain-water.	Satisfactory; wells adequate.		
North Cray - - -	1,484	655	149	136	Do.				
Orpington - - -	3,517	5,036	1,100	1,079	Do.				
St. Mary Cray - -	2,028	1,857	450	432	Do.	Wells - -	Satisfactory and adequate.		
St. Paul's Cray - -	1,654	1,467	320	320	Do.	Rain-water -	Satisfactory.		
West Wickham - -	2,660	1,302	257	246	Do.				
<b>Cranbrook R.D. :</b>									
Benenden - - -	6,693	1,434	317	83	{ Cranbrook District Water Co.	Wells, rain-water, springs, and ponds.	Satisfactory.		
Cranbrook - - -	10,372	4,061	885	445	- - -				
Frittenden - - -	3,509	898	194	—	- - -				
Goudhurst - - -	9,797	3,019	591	335	{ Cranbrook District Water Co.				
Hawkhurst - - -	6,523	3,344	732	336	- - -	Wells, rain-water, springs, and ponds.	Satisfactory.		
Sandhurst - - -	4,421	933	217	—	- - -				



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Kent—cont.</b>								
<b>Dartford R.D. :</b>								
Ash - - -	3,074	603	128	84	Mid Kent Water Co. - -	Wells & rain- water.	Good and sufficient.	
Crayford - -	2,455	6,234	1,400	1,390	Metropolitan Water Board -			
Darenth - -	2,223	3,449	203	150	Do.	—	—	
Eynsford - -	3,544	2,147	450	450				
Farningham -	2,739	1,286	280	280	Mid-Kent Water Co. - -	Wells and rain-water.	Good and sufficient.	
Fawkham - -	1,198	231	55	47				
Hartley - -	1,211	278	66	48	Metropolitan Water Board -	Rain-water	Good and sufficient.	
Horton Kirby -	2,841	1,927	320	205	Mid-Kent Water Co. - -			
Kingsdown - -	2,813	407	99	61	Mid-Kent Water Co. - -	Wells and rain- water.	Good and sufficient.	
Longfield - -	605	824	166	152				
Lullingstone -	1,557	113	15	—	Mid-Kent Water Co. - -	Rain-water	Good and sufficient.	
Ridley - - -	834	66	14	6				
Southfleet - -	2,409	1,151	243	231	Metropolitan Water Board -	Wells and rain- water.	Good and sufficient.	
Stone - - -	3,009	5,732	936	926				
Sutton at Hone	3,625	5,541	1,060	1,040	Metropolitan Water Board -	Wells and rain- water.	Good and sufficient.	
Swanscombe - -	2,142	7,693	1,630	1,610				
Wilmington - -	1,718	2,227	530	500				
<b>Dover R.D. :</b>								
Alkham - - -	3,215	612	144	39	Folkestone Water Co. - -	Wells and rain- water.	Fairly good and adequate.	
Capel le Ferne -	1,571	246	57	1				
Coldred - - -	1,552	165	37	6	East Kent District Water Co.	Wells and rain- water.	Fairly good and adequate.	
Denton - - -	1,184	119	41	—				
East Langdon -	1,086	353	82	55	East Kent Dist. Water Co. -	Wells and rain- water.	Fairly good and adequate.	
Guston - - -	1,418	1,628	175	66				
Hougham Without	2,263	521	120	8	Dover T.C. - - -	Wells and rain- water.	Fairly good and adequate.	
Lydden - - -	1,445	214	45	12	East Kent Dist. Water Co. -			
Oxney - - -	319	21	5	3	Folkestone Water Co. - -	Wells and rain- water.	Fairly good and adequate.	
Poultton - - -	1,061	62	11	—	East Kent District Water Co.			
Ringwould - -	1,601	751	160	129	East Kent District Water Co.	Wells and rain- water.	Fairly good and adequate.	
River - - -	1,284	224	21	21				
St. Margaret's at Cliffe.	1,845	1,072	252	247	Do.	Wells and rain- water.	Fairly good and adequate.	
Sibertswood - -	1,850	803	187	183	East Kent Dist. Water Co. -			
Temple Ewell -	1,600	813	177	126	Wells and rain- water.	Fairly good and adequate.		
West Cliffe - -	1,179	118	30	11			East Kent Dist. Water Co. -	
West Langdon -	706	110	24	1	Wells and rain- water.	Fairly good and adequate.		
Whitfield - - -	913	307	102	67			East Kent Dist. Water Co. -	
Wootton - - -	1,029	160	47	—	Wells and rain- water.	Fairly good and adequate.		
<b>East Ashford R.D.:</b>								
Aldington - - -	3,446	549	130	—	Mid-Kent Water Co. - -	Wells and rain- water.	Generally satisfactory.	
Bilsington - -	2,844	285	76	—		Wells - - -	Satisfactory.	
Bircholt - - -	300	17	4	—	Do.		Generally satisfactory.	
Bonnington - -	1,113	152	38	—	Wells and rain- water.	Satisfactory.		
Boughton Aluph	2,425	532	117	2		Mid-Kent Water Co. - -		Satisfactory.
Brabourne - -	3,528	570	146	—	Springs and wells	Generally satisfactory.		
Brook - - -	589	138	31	—		Do.		Satisfactory, except in drought.
Challock - - -	2,828	234	60	—	East Kent Dist. Water Co. -	Wells and stream	Satisfactory.	
Chilham - - -	4,398	1,167	284	—		Wells and rain- water.	Satisfactory, except in drought.	
Crundale - - -	1,593	216	52	—	Do.		Satisfactory.	
Eastwell - - -	898	66	22	—	Wells - - -	Satisfactory.		
Godmersham - -	3,107	250	70	—		Do.		Satisfactory, except in drought.
Hastingleigh - -	1,553	184	38	—	Wells&rainwater	Satisfactory.		
Hinxhill - - -	727	115	21	6		East Ashford R.D.C. - -		Satisfactory.
Hurst - - -	489	29	5	—	Do.	Generally satisfactory.		
Kennington - -	1,391	1,087	248	68		Mid-Kent Water Co. - -		Satisfactory.
Mersham - - -	2,680	565	147	—	Do.	Generally satisfactory.		
Molash - - -	1,461	210	60	—		Do.		Satisfactory.
Orlestone - - -	1,774	354	100	—		Do.		Satisfactory.
Ruckinge - - -	3,449	278	72	—		Do.		Satisfactory.
Sevington - - -	833	161	43	19	East Ashford R.D.C. - -	Wells - - -	Satisfactory.	
Smeeth - - -	1,620	489	130	—		Wells, springs and rain-water.	Generally satisfactory.	
Wareborne - - -	2,928	369	85	—	Do.		Satisfactory.	
Willesborough	1,478	4,188	900	785	East Ashford R.D.C. - -	Do.	Satisfactory.	
Wye - - -	7,348	1,411	326	111		Do.	Generally satisfactory.	
<b>Eastry R.D. :</b>								
Ash - - -	7,021	2,055	553	340	Sandwich T.C. (bulk) - -	Wells - - -	Satisfactory.	
Barfreston - -	498	104	22	19		Do.	Good and adequate.	
Betteshanger -	395	91	15	8	Messrs. Gardner & Co., Ltd.-			
Chilenden - - -	262	144	36	17	East Kent District Water Co.	Good and adequate.		
							Lord Northbourne - - -	
					Margate T.C. - - -			



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<b>Kent—cont.</b>									
<b>Eastry R.D.—cont.</b>									
Eastry - - -	2,733	1,467	300	174	{ Sandwich T.C. (bulk) - -	Wells - -	Good and adequate.		
Elmstone - - -	439	76	19	5	{ Lord Northbourne - - -				
Eythorne - - -	1,323	716	145	80	Margate T.C. - - -				
Goodnestone - -	1,865	434	108	67	East Kent District Water Co.				
Great Mongeham -	784	411	101	3	Margate T.C. - - -				
Ham - - -	321	72	17	4	Deal and Walmer Joint Water				
Knowlton - - -	430	43	5	4	Board through Deal T.C.				
Little Mongeham -	1,147	211	54	28	Lord Northbourne - - -				
Nonington - - -	3,808	774	211	117	Margate T.C. - - -				
Northbourne - -	3,660	754	201	63	{ East Kent District Water Co.				
Preston - - -	1,489	479	130	53	{ Lord Northbourne - - -				
Ripple - - -	1,021	326	73	57	Margate T.C. - - -				
Sholden - - -	1,813	615	161	63	{ Deal and Walmer Jt. Water				
Staple - - -	1,010	462	124	—	{ Bd., through Walmer T.C.				
Stourmouth - - -	896	289	79	22	East Kent District Water Co.				
Sutton - - -	1,072	133	33	26	Margate T.C. (part in bulk) -				
Tilmanstone - -	1,150	376	82	73	{ Sandwich T.C. (bulk) - -				
Waddershare - -	1,020	127	27	2	Rain-water - -				
Wingham - - -	2,637	1,256	319	233					
Woodnesborough -	2,940	970	247	134	Elham Valley Water Co. - -				
Worth - - -	4,008	776	205	128	Folkestone Waterworks Co. -				
<b>Elham R.D. :</b>									
Acrise - - -	1,039	146	39	—	Elham Valley Water Co. - -			Wells & rainwater - Rain-water - - Do. - - - Wells & rainwater - Wells and springs - Springs - - - Rain-water - - Wells and springs - Wells - - - Do. - - - Rain-water - - Springs - - - Rain-water - -	Good.
Elham - - -	6,599	1,201	307	42					
Elmsted - - -	2,690	340	80	—					
Hawkinge - - -	2,352	472	142	12					
Lyminge - - -	4,617	1,467	257	93					
Lympne - - -	2,915	490	95	—					
Monks Horton - -	1,084	122	26	—					
Newington - - -	2,473	370	81	40					
Paddlesworth - -	562	50	13	—					
Postling - - -	1,564	92	23	—					
Saltwood - - -	2,387	799	150	142					
Sellindge - - -	1,928	740	159	—					
Stanford - - -	1,192	348	76	43					
Stelling - - -	1,409	186	53	—					
Stelling Minnis -	82	79	16	—					
Stowting - - -	1,622	178	39	—					
Swingfield - - -	2,639	361	73	—					
<b>Faversham R.D. :</b>									
Badlesmere - - -	782	115	24	—	—	Wells & rainwater - Wells and rain- water. Wells - - - Wells & rainwater - Wells, streams, and rain-water. Wells & rainwater - Wells - - - Wells, springs, and rain-water. Wells & rainwater - Wells, springs, and rain-water. Wells & rainwater - Wells & stream - { Wells and rain- water. Wells, stream, and rain-water. Wells, springs, & rain-water. Wells and rain- water. Wells & stream - Wells, springs, and streams. Wells and rain- water.	Satisfactory.		
Boughton under Blean -	2,355	1,441	370	205					
Buckland - - -	336	103	21	—					
Davington - - -	541	132	42	16					
Doddington - - -	1,944	495	97	22					
Dunkirk - - -	5,336	811	204	18					
Eastling - - -	1,934	451	90	—					
Faversham Without	1,721	1,074	170	22					
Goodnestone - -	340	55	16	—					
Graveney - - -	1,996	217	49	—					
Hernhill - - -	2,823	867	176	2					
Leaveland - - -	381	74	22	—					
Luddenham - - -	1,334	194	45	9					
Lynstead - - -	1,827	1,100	280	49					
Newnham - - -	1,285	309	75	11					
North Preston	528	934	232	126					
Without.									
Norton - - -	904	154	31	4					
Oare - - -	658	421	103	98					
Ospringe - - -	2,873	908	242	98					
Selling - - -	2,454	747	167	—					
Sheldwich - - -	1,948	588	134	30					
South Preston	919	401	74	48					
Without.									
Stallsfield - - -	2,294	259	65	3					
Stone - - -	758	69	12	—					
Teynham - - -	2,472	1,701	390	75					
Throwley - - -	3,257	509	125	—					



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Kent—cont.</b>								
<b>Hollingbourne R.D.:</b>								
Bicknor - - -	634	48	6	—	—	Rain-water	Doubtful and insufficient.	
Boughton Malherbe	2,710	376	93	70	Mid-Kent Water Co. - -	Wells, ponds, & rain-water.		
Boxley - - -	5,786	1,420	339	133	Maidstone Waterworks Co. -	Wells & rainwater	Fairly satisfactory.	
Bredhurst - -	602	182	37	—	—	Do. do. -	Doubtful and insufficient.	
Broomfield - -	1,449	134	32	1	Mid-Kent Water Co. - -	Wells, springs, and rain-water.	Doubtful; springs variable.	
Chart Sutton - -	2,188	643	156	38	Do. - -	Wells & rainwater	Fairly satisfactory.	
Detling - - -	1,589	270	73	—	—	Do. do. -	Doubtful and insufficient.	
East Sutton - -	1,596	319	79	5	Mid-Kent Water Co. - -	Wells, springs, and rain-water.	Doubtful; springs liable to pollution.	
Frinted - - -	1,291	141	36	6	Do. - -	Wells & rainwater	Doubtful and insufficient.	
Harrietsham - -	2,484	688	184	131	Do. - -	Do. do. -	Fairly satisfactory.	
Headcorn - - -	5,077	1,485	399	275	Mid-Kent Water Co. through South Kent Water Co.	Wells, pond, & rain-water.	Pond liable to pollution; insufficient.	
Hollingbourne -	4,612	993	208	95	Mid-Kent Water Co. - -	Wells & rainwater	Fairly satisfactory.	
Hucking - - -	1,205	98	27	—	—	Do. do. -	Doubtful & insufficient.	
Langley - - -	1,496	398	104	40	Mid-Kent Water Co. - -	Wells, pond, & rain-water.	Pond liable to pollution; insufficient.	
Leeds - - -	1,653	617	168	41	Do. - -	Wells, springs, & rain-water.	Doubtful and variable.	
Lenham - - -	7,144	1,780	480	168	Do. - -	Do. do. -	Doubtful & insufficient.	
Otterden - - -	1,520	154	38	1	Do. - -	Wells and rain-water.		
Stockbury - -	2,952	434	125	—	—	Do. do. -	Springs liable to pollution; occasionally insufficient.	
Sutton Valence -	2,172	1,076	276	158	Mid-Kent Water Co. - -	Wells, springs, and rain-water.		
Thornham - - -	3,403	686	146	70	Do. - -	Wells & rainwater	Fairly satisfactory.	
Ulcombe - - -	3,520	648	143	37	Mid-Kent Water Co. (part in bulk).	Wells, springs, and rain-water.	Springs liable to pollution; occasionally insufficient.	
Wichling - - -	1,111	117	29	3	Mid-Kent Water Co. - -	Wells and rain-water.	Doubtful and insufficient.	
Wormshill - - -	1,476	138	38	—	—	—	—	
<b>Hoo R.D.:</b>								
Allhallows - -	2,385	250	62	36	Higham and Hundred of Hoo Water Co.	Wells & springs	Some good; generally limited.	
Cooling - - -	2,077	143	33	—	—			
High Halstow -	2,946	382	85	52	Higham & H. of Hoo Water Co.			
Hoo - - -	4,359	1,789	330	279	—			
Isle of Grain -	3,124	455	85	—	—			
St. Mary, Hoo	1,943	251	64	31	Higham & H. of Hoo Water Co.	Do. do.	—	
Stoke - - -	2,631	682	157	121	Do. do.			
<b>Isle of Thanet R.D.:</b>								
Acol - - -	1,137	247	56	8	Westgate and Birchington Water Co.	Wells - -	Good and adequate.	
Birchington - -	1,671	2,275	643	628	Do. do.			
Garlinge - - -	1,287	485	106	65	Margate T.C. - -			
Minster - - -	5,241	2,379	450	354	Broadstairs & St. Peters U.D.C.	River Stour and wells.	River not satisfactory; wells good; adequate.	
Monkton - - -	2,370	385	99	33	Ramsgate T.C. - -			
St. Lawrence Extra	1,250	558	124	85	Ramsgate T.C. - -	Wells - -	Good and adequate.	
St. Nicholas at Wade.	3,555	495	130	28	Margate T.C. (bulk) - -			
Sarre - - -	667	135	38	—	—	River Stour	Unsatisfactory, but adequate.	
Stonar - - -	680	66	13	8	Sandwich T.C. through Messrs. Pearsons.			
Westgate on Sea -	604	3,538	748	744	Westgate and Birchington Water Co.	Wells - -	Good and adequate.	
<b>Maidstone R.D.:</b>								
Bearstead - - -	574	883	212	191	Mid-Kent Water Co. - -	Springs, wells & river.	Fair, except river.	
Boughton Monchel-sea.	2,382	1,233	254	67	Do. - -	Ponds, stream, ditches, springs, wells, & rain-water.	Fair, except ditches and ponds.	
East Barming -	760	897	181	151	Maidstone Waterworks Co. -	Wells & rainwater	Fair.	
East Farleigh -	1,967	1,554	296	183	Do. - -	Wells - -		
Hunton - - -	2,075	807	189	106	Mid-Kent Water Co. - -	Springs & wells		
Linton - - -	1,961	840	126	100	F. S. W. Cornwallis, Esq. -			
Loose - - -	1,054	1,507	315	40	Mid-Kent Water Co. - -	Stream, springs, and wells.	Fair, except ponds, stream, ditches, and a few wells.	
Marden - - -	7,749	2,614	642	370	Maidstone Waterworks Co. -	Ponds, stream, ditches, springs, wells, & rain-water.		
Nettlestead - -	1,305	613	123	87	Do. - -	Wells & rainwater	Fair.	
Otham - - -	955	328	61	21	Do. - -	Springs & wells -		
Staplehurst - -	5,897	1,802	445	363	Do. - -	Ponds, spring, wells & rain-water.	Fair, except ponds.	



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<b>Kent—cont.</b>									
<b>Maidstone R.D.—</b>									
Teston - - -	520	255	61	47	Mid-Kent Water Co. - -	Wells - -	Good.		
West Barming - -	332	21	4	—	—	Wells and rain- water.	Fair.		
West Farleigh - -	1,107	453	81	14	Maidstone Waterworks Co. -	Wells & springs	Fair, except river and		
Yalding - - -	6,358	2,591	465	319	Mid-Kent Water Co. - -	Wells, river, ditches, springs, & rain-water.	ditches.		
<b>Malling R.D.:</b>									
Addington - - -	1,119	214	54	44	Mid-Kent Water Co. - -	Wells and springs.	Generally satisfactory.		
Allington - - -	608	117	27	5	Maidstone Waterworks Co. -				
Aylesford - - -	4,056	2,569	644	476	Mid-Kent Water Co. - -	Wells and springs	Fair.		
Birling - - -	1,801	855	207	148					
Burham - - -	1,633	1,417	349	289	Mid-Kent Water Co. - -	Wells and springs.	Generally satisfactory.		
Ditton - - -	1,066	794	188	175					
East Malling - - -	2,787	2,358	547	379	Mid-Kent Water Co. through South Kent Water Co.				
East Peckham - - -	3,411	2,165	502	74					
Ightham - - -	2,611	1,378	357	232	Mid-Kent Water Co. - -	Wells and springs	Fair.		
Leybourne - - -	1,523	280	65	41					
Mereworth - - -	2,556	700	188	92	Mid-Kent Water Co. - -	Wells and springs	Fair.		
Offham - - -	711	366	99	46					
Ryarsh - - -	1,375	568	154	147	W. M. Cazalet, Esq. - - A. F. Buxton, Esq. - -	Wells & rain- water.	Fair.		
Shipbourne - - -	1,922	480	116	53					
Snodland - - -	1,958	4,184	992	898	Mid-Kent Water Co. - -	Wells and springs	Fair.		
Stansted - - -	1,974	400	101	65					
Trottscliffe - - -	1,155	290	70	12	Mid-Kent Water Co. - -	Do. do.	Fair.		
Wateringbury - -	1,376	1,239	300	107					
West Malling - - -	1,379	2,457	548	482	Mid-Kent Water Co. - -	Do. do.	Fair.		
West Peckham - - -	1,582	392	90	—					
Wouldham - - -	1,855	1,010	265	224	Mid-Kent Water Co. - -				
<b>Milton R.D.:</b>									
Bapchild - - -	1,081	477	122	48	( Sittingbourne U.D.C. (bulk) Mid-Kent Water Co. - -	Wells & springs	Satisfactory.		
Bobbing - - -	1,068	495	125	62	( Sittingbourne U.D.C. (bulk) -				
Borden - - -	2,145	1,151	320	45	( Mid-Kent Water Co. - -	Wells & springs	Satisfactory.		
Bredgar - - -	1,762	501	130	64	( Mid-Kent Water Co. - -				
Hartlip - - -	1,423	340	88	77	Rainham Waterworks Co., Ltd.	Wells & springs	Satisfactory.		
Iwade - - -	3,192	233	52	—	—				
Kingsdown - - -	705	52	14	5	Mid-Kent Water Co. - -	Wells & springs	Satisfactory.		
Lower Halstow - -	1,125	561	146	136	Rainham Waterworks Co., Ltd. (bulk).				
Milsted - - -	1,226	196	47	37	Mid-Kent Water Co. - -	Wells & springs	Satisfactory.		
Murston - - -	1,287	1,383	315	263	( Sittingbourne U.D.C. (bulk) -				
Newington - - -	2,115	1,045	280	225	( Rainham Waterworks Co., Ltd. (part in bulk).	Wells & springs	Satisfactory.		
Rainham - - -	3,444	3,905	1,022	971	( Mid-Kent Water Co. - -				
Rodmersham - - -	1,234	409	98	16	( Mid-Kent Water Co. - -	Wells & springs	Satisfactory.		
Tonge - - -	1,632	305	70	6	( Mid-Kent Water Co. - -				
Tunstall - - -	1,200	270	59	34	Rainham Waterworks Co., Ltd.	Wells & springs	Satisfactory.		
Upchurch - - -	3,088	1,130	334	196	Rainham Waterworks Co., Ltd.				
<b>Romney Marsh R.D.:</b>									
Blackmanstone - -	300	12	2	—	—	Wells - -	Very doubtful.		
Brenzett - - -	1,819	290	65	—	—				
Brookland - - -	1,892	437	92	—	—	Wells - -	Very doubtful.		
Burnmarsh - - -	2,176	169	36	—	—				
Dymchurch - - -	1,244	548	188	—	—	Wells - -	Very doubtful.		
Eastbridge - - -	1,150	44	7	—	—				
Fairfield - - -	1,206	88	14	—	—	Wells - -	Very doubtful.		
Hope, All Saints - -	1,485	89	9	—	—				
Ivychurch - - -	4,562	229	53	—	—	Wells - -	Very doubtful.		
Midley - - -	2,161	47	10	—	—				
Newchurch - - -	3,180	282	56	—	—	Wells - -	Very doubtful.		
Old Romney - - -	2,546	147	33	—	—				
Orgarswick - - -	402	20	3	—	—	Wells - -	Very doubtful.		
St. Martin's, New Romney.	1,282	49	9	—	—				
St. Mary in the Marsh.	1,881	170	34	—	—	Wells - -	Very doubtful.		
Snargate - - -	1,600	108	25	—	—				
Snaue - - -	1,490	68	14	—	—	Wells - -	Very doubtful.		
<b>Sevenoaks R.D.:</b>									
Brasted - - -	4,449	1,396	315	145	Metropolitan Water Board - (Sevenoaks Waterworks Co. (bulk).	Wells - -	Good.		
Chevening - - -	3,893	1,039	235	102	( Metropolitan Water Board - (Limpfield & Oxted Water Co. Sevenoaks R.D.C.				
Chiddingstone - -	5,980	1,139	270	26	( Limpfield & Oxted Water Co. Sevenoaks R.D.C.	Do. - -	Very fair.		
Cowden - - -	3,260	735	173	76	( Limpfield & Oxted Water Co. Sevenoaks R.D.C.				
Dunton Green - - -	1,026	1,411	312	293	Sevenoaks R.D.C. - -	Ponds - -	Fair.		
Edenbridge - - -	5,329	2,993	702	585	Limpfield & Oxted Water Co.				
Halstead - - -	923	560	116	106	Metropolitan Water Board -	Wells - -	Good.		
Hever - - -	2,660	651	177	78	Limpfield & Oxted Water Co.				



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<b>Kent—cont.</b>								
<b>Sevenoaks R.D.—</b>								
<i>cont.</i>								
Kensing - - -	1,909	715	166	151	Mid-Kent Water Co. - - -	Wells - - -	Good.	
Leigh - - -	4,026	1,149	278	135	{ Tonbridge Waterwks. Co. Ltd. Lord Hollenden - - -	{ Do. - - -	Very fair.	
Otford - - -	1,780	821	210	113	Sevenoaks R.D.C. - - -	Wells & springs	Good.	
Penshurst - - -	4,567	1,572	359	129	Do. - - -	Wells and ponds	Wells very fair; ponds fair	
Riverhead - - -	1,106	899	206	146	Sevenoaks Waterworks Co. -	Wells - - -	{ Good.	
Seal - - -	4,445	1,523	362	261	Do. - - -	Wells and spring		
Sevenoaks Weald -	2,439	872	160	64	Do. - - -	Wells - - -		
Shorcham - - -	5,599	1,490	353	219	Metropolitan Water Board -	(a) Wells & (b) spring.	(a) Good; (b) very good.	
Sundridge - - -	4,141	2,015	378	43	Do. - - -	Wells - - -	Good.	
Westerham - - -	5,804	3,049	674	558	{ Metropolitan Water Board - Limpfield & Oxted Water Co.	Wells and spring	Wells good; spring very good.	
<b>Sheppey R.D.:</b>								
Eastchurch - - -	7,000	915	232	—	—	Wells - - -	Good and adequate.	
Elmley - - -	1,977	50	35	—	—			
Harty - - -	2,774	87	25	—	—			
Leysdown - - -	2,189	151	50	—	—			
Minster in Sheppey	7,055	3,207	600	440	Sheppey Water & Lighting Co., Ltd., & Mrs. M. J. Copland.			
Warden - - -	202	17	7	—	—			
<b>Strood R.D.:</b>								
Chalk - - -	1,849	476	102	—	—	{ Wells & rain- water.		
Cliffe - - -	5,669	2,465	533	448	{ Higham and Hundred of Hoo Water Co.			
Cobham - - -	3,056	833	239	191	{ Gravesend & Milton Waterwks. Co. { Rochester T.C. - - -	Wells - - -		
Cuxton - - -	1,692	683	151	126				{ Higham & H. of Hoo Water Co.
Denton - - -	437	931	210	190	{ Higham & H. of Hoo Water Co.	Wells & rainwater	Satisfactory.	
Frindsbury Extra -	2,960	2,958	670	422	{ Mid-Kent Water Co., Ltd. -	Wells - - -		
Halling - - -	1,851	2,337	503	501	Higham & H. of Hoo Water Co.	Wells & rainwater		
Higham - - -	3,075	1,586	378	362	Do. do. - - -	Well - - -		
Ifeld - - -	313	58	13	11	—	{ Wells and rain- water.		
Luddesdown - - -	1,995	226	51	—	—			
Meopham - - -	4,713	1,342	351	223	Higham & H. of Hoo Water Co.	Wells, rain-water and ponds.		
Nurstead - - -	522	48	8	3	Mid-Kent Water Co., Ltd. -			
Shorne - - -	3,227	935	210	152	Higham & H. of Hoo Water Co.	Wells, rain-water and ponds.		
Strood Extra - - -	1,139	476	102	91	Rochester T.C. - - -	Wells and rain-water.		
<b>Tenterden R.D.:</b>								
Appledore - - -	3,008	547	141	—	—	Wells and ponds	Inferior and variable; distant from houses.	
Biddenden - - -	7,191	1,103	280	107	{ Mid-Kent Water Co. - - - Cranbrook Water Co. - - -	{ Do. - - -		
High Halden - - -	3,751	560	150	54	{ Do. - - - Mid-Kent Water Co. - - -	{ Do. - - -	Good.	
Kenardington - - -	2,163	209	51	—	—	Wells and spring		
Newenden - - -	1,046	139	39	—	—		{ Wells and ponds.	Wells, good; pond water only potable when boiled; variable and distant from houses.
Rolvenden - - -	5,754	1,287	308	79	Cranbrook Water Co. - - -			
Stone cum Ebony -	4,839	403	110	—	—			
Wittersham - - -	3,625	694	183	35	Trustees of Wittersham Water Supply.			
Woodchurch - - -	7,001	1,059	274	—	—			
<b>Tonbridge R.D.:</b>								
Ashurst - - -	900	169	41	—	—	{ Wells & spring	Good.	
Bidborough - - -	2,106	353	91	68	Southborough U.D.C. (bulk) -			
Brenchley - - -	7,804	3,853	943	737	Mid Kent Water Co. thro' South Kent Water Co.	(a) Wells and springs, (b) rain-water.	(a) Good, (b) fair.	
Capel - - -	3,057	1,241	268	208	{ Do. do. - - - O.E.d'Avigdor Goldsmid, Esq.	(a) Wells and springs, (b) rain-water.	(a) Fairly good, (b) fair.	
Hadlow - - -	5,936	2,423	528	234	Mid-Kent Water Co. through South Kent Water Co.	(a) Wells and springs (b) rain-water.	{ (a) Fairly good, (b) fair.	
Hildenborough - -	4,855	1,607	392	354	A. F. Buxton, Esq. - - -	(a) Wells, (b) rain-water.		
Horsemonden - - -	4,605	1,400	316	195	{ Tonbridge Waterwks. Co. Ltd. Mid-Kent Water Co. through South Kent Water Co.	(a) Wells, (b) springs, (c) River Tese, & ponds.	(a) Fairly good, (b) good, (c) indifferent.	
Lamberhurst - - -	5,476	1,651	388	237	{ Messrs. Smith & Co. - - - C. W. Morland, Esq. - - - Mid-Kent Water Co. thro' South Kent Water Co.	(a) Wells and springs, (b) Hog Hole and Sweetbourne streams, (c) rainwater.	(a) Good, (b) indifferent, (c) fair.	
Pembury - - -	3,650	1,747	440	336	{ Do. do. - - - Tonbridge Wells T.C. - - -	(a) Wells, (b) springs, (c) Badswell Stream	(a) Fairly good, (b) good, (c) indifferent.	



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<b>Kent—cont.</b>							
<b>Tonbridge R.D.— cont.</b>							
Speldhurst - -	2,993	1,963	484	374	{ Mrs. D. M. Barrow - - Miss E. S. Saint - - Tonbridge Wells T.C. - - Tonbridge Wells T.C. - - Tonbridge Water Co. - - O.E.d'Avigdor Goldsmid, Esq.	(a) Wells, (b) springs.	(a) Fairly good, (b) good.
Tonbridge Rural -	5,471	1,362	176	110	{		
<b>West Ashford R.D.</b>							
Bethersden - -	6,376	972	210	118	{ Mid-Kent Water Co. - -		
Charing - -	4,681	1,223	299	96	{ F. S. W. Cornwallis, Esq. - - Mid-Kent Water Co. - -		
Egerton - -	2,786	728	178	23	{ L. A. St. L. Toke, Esq. - - Mid-Kent Water Co. - -		
Great Chart - -	3,276	701	154	36	{ Mid-Kent Water Co. - -		
Hothfield - -	1,829	356	74	5	{ Mid-Kent Water Co. - -		
Kingsnorth - -	3,252	604	97	1	{ Ashford U.D.C. - -		
Little Chart - -	1,607	357	78	19	{ Mid-Kent Water Co. - -		
Pluckley - -	3,093	913	185	110	{		
Shadoxhurst - -	1,982	171	42	—	{		
Smarden - -	5,386	1,038	250	130	{ Mid-Kent Water Co. - -		
Westwell - -	5,222	901	173	30	{		
<b>LANCASHIRE.</b>							
Abram U.D. - -	1,984	6,893	1,280	1,280	Liverpool T.C. (bulk) - -	—	—
Accrington B. -	3,427	45,029	10,671	10,302	Accrington District Gas and Water Board.	Wells & springs -	Satisfactory & abundant.
Adlington U.D. -	1,062	4,457	928	925	Blackrod U.D.C. (bulk) - -	Do.	Satisfactory and adequate.
Ashton in Maker- field U.D.	6,251	21,543	3,883	3,872	Ashton in Makerfield U.D.C., and Liverpool T.C. (bulk).	Wells and land drains.	Satisfactory.
Ashton under Lyne B.	1,345	45,172	10,204	10,204	Ashton under Lyne, Staly- bridge and Dukinfield (Dis- trict) Waterworks Jt. Comtee.	—	—
Aspull U.D. - -	1,906	8,276	1,615	1,610	Bolton T.C. (bulk) & Blackrod U.D.C. thro' Wigan R.D.C. (bulk).	Wells and rain- water.	Satisfactory & abundant.
Atherton U.D. -	2,265	18,982	3,652	3,647	Manchester T.C. (bulk) & thro' Tyldesley with Shaker- ley U.D.C. (bulk), & Bolton T.C. (bulk).	Wells, rain-water and streams.	Satisfactory and ample.
Audenshaw U.D. -	1,241	7,977	1,794	1,794	Ashton under Lyne, &c., Joint Committee.	—	—
Bacup B. - -	6,120	22,318	5,542	3,400	Bacup T.C. - - - -	Wells, springs, & surface water.	Varies considerably.
Barrowford U.D. -	1,385	5,527	1,353	1,301	Nelson T.C. - - - -	Springs - -	Satisfactory.
Barrow in Fur- ness C.B.	11,023	63,770	11,583	11,583	Barrow in Furness T.C. - -	—	—
Billinge U.D. -	4,596	4,903	934	921	Billinge U.D.C. - - - -	Wells - -	Fairly good.
Bispham with Norbreck U.D.	1,346	2,244	572	572	Fylde Water Board - - -	—	—
Blackburn C.B. -	7,418	133,052	30,330	30,281	Blackburn T.C. - - - -	Wells - -	Satisfactory.
Blackpool C.B. -	3,601	58,371	13,149	13,149	Fylde Water Board - - -	—	—
Blackrod U.D. -	2,392	3,896	822	805	Blackrod U.D.C. - - - -	Wells & rainwater	Good and sufficient.
Bolton C.B. - -	15,279	180,851	40,260	40,180	Bolton T.C. - - - -	Wells, springs and ponds.	Satisfactory.
Bootle C.B. - -	1,947	69,876	12,402	12,402	Liverpool T.C. - - - -	—	—
Brierfield U.D. -	807	8,259	1,863	1,802	Nelson T.C. - - - -	Springs - -	Satisfactory.
Burnley C.B. - -	4,619	106,765	23,911	23,821	Burnley T.C. and Padiham U.D.C. (bulk)	Wells & springs	Some doubtful; others generally satisfactory.
Bury C.B. - -	5,925	59,040	13,583	13,474	Bury and District Joint Water Board.	Do.	Satisfactory.
Carnforth U.D. -	1,505	3,141	731	652	Carnforth District Water- works Co.	Wells, springs, & rainwater.	Satisfactory.
Chadderton U.D.	3,082	28,299	6,355	6,199	Oldham T.C. and Heywood and Middleton Water Board.	Wells - -	Good.
Chorley B. - -	3,614	30,315	6,520	6,286	Liverpool T.C. - - - -	Wells & springs	Fairly good.
Church U.D. - -	529	6,888	1,584	1,584	Accrington Dist. G. & Water Bd. and Oswaldtwistle U.D.C.	—	—
Clayton le Moors U.D.	1,059	8,868	1,964	1,964	Accrington Dist. G. & Water Board.	—	—
Clitheroe B. - -	2,385	12,500	2,879	2,879	Clitheroe T.C. - - - -	—	—
Colne B. - -	5,063	25,689	5,824	5,739	{ Colne T.C. - - - - Colne Water Estate Co., Ltd.	{ Wells & springs	Good.
Crompton U.D. -	2,865	14,750	3,420	3,274	Oldham T.C. - - - -	Wells & springs	Satisfactory and adequate.
Croston U.D. -	2,347	2,041	450	375	Manchester T.C. (bulk) - -	Do.	Generally good.
Dalton in Furness U.D.	7,990	10,763	2,466	2,436	Barrow in Furness T.C. - -	(a) Wells & springs, (b) rain-water.	(a) Generally bad; (b) not satisfactory.
Darwen B. - -	5,959	40,332	9,649	9,599	Darwen T.C. - - - -	Wells - -	Satisfactory.
Denton U.D. - -	2,594	16,877	3,967	3,967	Manchester T.C. - - - -	—	—
Droylsden U.D. -	1,009	13,259	2,946	2,943	Do. - - - -	Wells - -	Good and adequate.
Eccles B. - -	2,057	41,944	9,241	9,207	Do. - - - -	Do. - -	Satisfactory.
Failsworth U.D. -	1,072	15,998	3,483	3,482	Oldham T.C. & Manchester T.C.	Well - -	Good and adequate.
Farnworth U.D. -	1,504	28,131	5,899	5,896	Bolton T.C. - - - -	Wells & rain-water	Satisfactory.
Fleetwood U.D. -	2,510	15,875	2,917	2,917	Fylde Water Board - - -	—	—
Formby U.D. - -	5,613	5,947	1,146	1,132	Southport, Birkdale and West Lancashire Water Board.	Wells - -	Good and satisfactory.
Fulwood U.D. -	2,116	6,578	955	955	Fulwood U.D.C. - - - -	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Lancashire—cont.</b>							
Golborne U.D.	1,679	6,931	1,383	1,375	Ince in Makerfield U.D.C. (bulk).	Wells & springs	Satisfactory.
Grange U.D.	1,540	2,232	405	404	Grange U.D.C.	Well - - -	Good and adequate.
Great Crosby U.D.	1,867	12,273	2,452	2,450	Liverpool T.C.	Wells - - -	One is bad.
Great Harwood U.D.	2,868	13,815	3,100	3,050	Accrington Dist. G. & Water Bd.	Springs - - -	Satisfactory.
Haslingden B.	8,196	18,719	4,420	3,490	Bury & Dist. Joint Water Bd. and Accrington Dist. G. & Water Bd.	Wells and springs	Good.
Haydock U.D.	2,411	9,649	1,695	1,687	Liverpool T.C. (bulk) and Messrs. Richd. Evans & Co., Ltd. (bulk—occasionally).	Wells & pumped from pit shaft.	Good and adequate.
Heysham U.D.	1,835	3,350	791	791	Lancaster T.C. (bulk)	—	—
Heywood B.	3,658	26,697	6,549	6,501	Heywood and Middleton Water Board.	Wells and springs	Satisfactory.
Hindley U.D.	2,612	24,100	4,785	4,785	Liverpool T.C. (bulk)	—	—
Horwich U.D.	3,257	16,285	3,482	3,442	Horwich U.D.C., Blackrod U.D.C. (bulk), Messrs. A. Mason & Sons (bulk) and Liverpool T.C. (bulk).	Wells and springs	Variable.
Hurst U.D.	638	7,858	1,891	1,891	Ashton under Lyne, &c. Joint Committee.	—	—
Huyton with Roby U.D.	3,053	4,559	894	891	Liverpool T.C.	Well - - -	Satisfactory.
Ince in Makerfield U.D.	2,320	22,034	4,216	4,211	Ince in Makerfield U.D.C. & Liverpool T.C. (bulk).	Wells - - -	Good.
Irlam U.D.	4,629	6,308	1,326	1,326	Manchester T.C. and Warrington T.C. (bulk).	—	—
Kearsley U.D.	1,004	9,669	2,110	2,106	Bolton T.C.	Wells & rainwater	Satisfactory and adequate.
Kirkham U.D.	857	3,793	826	826	Fylde Water Board	—	—
Lancaster B.	3,506	41,410	8,115	8,115	Lancaster T.C.	—	—
Lathom and Burscough U.D.	13,660	7,235	1,566	1,464	Lathom and Burscough U.D.C.	Wells - - -	Reasonably good and ample.
Lees U.D.	202	3,650	874	874	Oldham T.C.	—	—
Leigh B.	6,359	44,103	8,860	8,827	Liverpool T.C. (bulk)	Wells & rainwater	Some satisfactory.
Leyland U.D.	3,725	8,088	1,845	1,760	Leyland U.D.C.; Manchester T.C. (bulk); H. N. Pfarlington, Esq.	Do.	Doubtful.
Litherland U.D.	857	14,795	2,930	2,930	Liverpool T.C.	—	—
Littleborough U.D.	7,856	11,697	2,957	2,902	Rochdale T.C.; Messrs. E. Clegg & Son, Ltd.; Exors. of the late Mrs. Beswicke; Exors. of the late William Sager; C. H. Lomax, Esq.	Wells - - -	Satisfactory.
Little Crosby U.D.	1,924	844	156	156	Liverpool T.C.	—	—
Little Hulton U.D.	1,699	8,103	1,674	1,674	Bolton T.C. & Manchester T.C.	—	—
Little Lever U.D.	808	5,194	1,155	1,155	Bury & Dist. Joint Water Bd.	—	—
Liverpool C.B.	21,242	753,353	135,295	135,295	Liverpool T.C.	—	—
Longridge U.D.	3,285	4,340	983	889	Preston T.C. & Manchester T.C.	Wells, springs, rivers & streams.	Poor, but ample.
Lytham U.D.	2,464	9,463	2,087	2,087	Fylde Water Board	—	—
Manchester C.B.	21,690	714,393	153,783	153,783	Manchester T.C.	—	—
Middleton B.	4,775	27,980	6,522	6,364	Heywood & Middleton Water Bd.	Wells and springs	Satisfactory.
Milnrow U.D.	5,194	8,584	2,201	1,859	Rochdale T.C. and Oldham T.C.	Wells, springs, & brook.	Good.
Morecambe B.	1,801	12,131	3,003	3,003	Lancaster T.C. (bulk)	—	—
Mossley B.	3,624	13,205	3,151	2,982	Ashton under Lyne & Joint Committee.	Wells - - -	Satisfactory.
Nelson B.	3,465	39,479	9,081	9,051	Nelson T.C.	Wells & springs	Generally good.
Newton in Makerfield U.D.	3,105	18,451	3,658	3,641	T. B. Eeroyd, Esq.	Wells - - -	Satisfactory and adequate.
Norden U.D.	5,358	3,797	978	834	Newton in Makerfield U.D.C.	Do. - - -	Satisfactory and sufficient.
Oldham C.B.	4,736	147,483	33,106	33,042	Heywood & Middleton Water Board and Rochdale T.C.	Do. - - -	Generally satisfactory and adequate.
Ormskirk U.D.	574	7,407	1,433	1,433	Oldham T.C.	Do. - - -	—
Orrell U.D.	1,617	6,318	1,282	1,278	Manchester T.C.	—	—
Oswaldtwistle U.D.	4,885	15,714	3,525	3,410	Ormskirk U.D.C.	Wells - - -	Good and adequate.
Padiham U.D.	970	13,635	3,186	3,186	Wigan T.C. (bulk)	Wells, springs and streams.	Good and adequate.
Poulton le Fylde U.D.	915	2,424	598	595	Oswaldtwistle U.D.C.	—	—
Preesall U.D.	3,232	1,718	382	354	Padiham U.D.C.	Wells - - -	Fairly good, but inadequate in summer.
Prescot U.D.	297	8,154	1,702	1,702	Fylde Water Board	Wells & springs	Satisfactory.
Preston C.B.	3,971	117,088	25,806	25,806	Do.	—	—
Prestwich U.D.	2,448	17,195	3,358	3,258	Liverpool T.C.	—	—
Radcliffe U.D.	3,082	25,692	5,808	5,788	Preston T.C.	—	—
Rainford U.D.	5,877	3,503	700	654	Manchester T.C.	Wells & springs	Satisfactory.
Ramsbottom U.D.	6,423	15,146	3,694	3,372	Bury & Dist. Joint Water Bd. Heywood, &c. Water Board.	Wells - - -	Generally satisfactory.
					Bury & Dist. Joint Water Bd. St. Helen's T.C. (bulk)	—	—
					Bury & District Joint Water Bd.; Mrs. A. A. Alnsworth; Mrs. R. Ashworth; Messrs. A. Barlow & Sons; J. E. Haworth, Esq.; Messrs. Joshua Hoyle & Sons, Ltd.; Messrs. W. & A. Holt; Kays Trustees; R. Nuttall, Esq.; A. T. Porritt, Esq.; and Mrs. M. Wild.	Wells & springs	Generally satisfactory.

\* Liverpool C.B.—As extended from 9th November 1913.

† Manchester C.B.—As extended from 9th November 1913.



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<b>Lancashire—cont.</b>							
Rawtenstall B.	9,535	30,516	7,257	7,184	Bury, &c., Joint Water Bd.; Bacup T.C.; Greenbank Estate Co., Ltd.; Laund Estate Co.; Newchurch Spinning and Weaving Co., Ltd.; and Sunnyside Estate Co.	Wells & springs	Generally satisfactory.
Rishton U.D.	2,985	7,441	1,625	1,579	Accrington Dist. G. & Water Bd.	Wells & springs	Satisfactory, but inade- quate at times.
Rochdale C.B.	6,446	91,428	22,845	22,687	Rochdale T.C.; Oldham T.C.; Heywood, &c., Water Board	Wells, springs and streams.	Good and adequate.
Royton U.D.	2,147	17,069	3,897	3,833	Oldham T.C.	Wells & springs	Generally satisfactory.
St. Anne's on the Sea U.D.	3,342	9,837	1,980	1,980	Fylde Water Board	—	—
St. Helens C.B.	7,284	96,551	17,585	17,569	St. Helens T.C.	Wells	Satisfactory and adequate.
Salford C.B.	5,202	231,357	46,397	46,397	Manchester T.C. (part in bulk)	—	—
Skelmersdale U.D.	1,942	6,822	1,285	1,285	Southport, Birkdale and West Lancashire Water Bd. (bulk)	—	—
Southport C.B.	9,426	69,643	14,572	14,559	Southport, Birkdale and West Lancashire Water Board.	Wells	Excellent and ample.
Standish with Langtree U.D.	3,266	7,280	1,378	1,371	Liverpool T.C. (bulk)	Do.	Satisfactory.
Stretford U.D.	3,240	42,496	9,056	9,054	Manchester T.C.	Do.	Fairly satisfactory & suffi- cient.
Swinton and Per- dlebury U.D.	2,284	30,759	6,285	6,285	Do	—	—
Thornton U.D.	2,996	4,669	997	979	Fylde Water Board	Wells and rain- water.	Satisfactory.
Tottington U.D.	2,544	6,769	1,571	1,464	Bury and District Joint Water Board.	Wells	Generally satisfactory and adequate.
Trawden U.D.	6,815	2,963	735	665	Trawden U.D.C., A. T. Ellis, Esq., Messrs. J. and W. Eccles, T. Robinson, Esq.	Springs	Generally satisfactory and adequate.
Turton U.D.	17,335	12,648	2,919	2,607	Bolton T.C.	Do.	Fair.
Tyldesley with Shakerley U.D.	2,490	15,582	3,945	3,945	Manchester T.C. (bulk)	—	—
Ulverston U.D.	3,172	9,552	2,131	2,131	Barrow in Furness T.C. (bulk)	—	—
Upholland U.D.	4,686	5,233	1,049	1,026	Upholland U.D.C.	Wells	Satisfactory.
Urmston U.D.	991	7,912	1,854	1,854	Manchester T.C.	—	—
Walton le Dale U.D.	4,658	12,350	2,682	2,625	Walton le Dale U.D.C. and Manchester T.C. (bulk).	Wells & springs	Fair.
Wardle U.D.	3,192	4,720	938	638	Rochdale T.C.	Do. do.	Fairly satisfactory.
Warrington C.B.	3,057	72,166	14,046	14,046	Warrington T.C.	—	—
Waterloo with Seaforth U.D.	986	26,396	5,491	5,491	Liverpool T.C.	—	—
Westhoughton U.D.	5,560	15,046	3,097	2,997	Bolton T.C. (part in bulk)	Rain-water and springs.	Generally fair.
Whitefield U.D.	1,404	6,967	1,634	1,633	Bury & Dist. Joint Water Bd.	Spring	Good and adequate.
Whitworth U.D.	4,483	8,872	2,263	675	Rochdale T.C.	Wells	Good and adequate.
Widnes B.	3,093	31,541	6,035	6,035	Widnes T.C.	—	—
Wigan C.B.	5,083	89,152	16,979	16,979	Wigan T.C. & Manchester T.C. (bulk).	—	—
Withnell U.D.	3,705	3,399	749	741	Liverpool T.C. (bulk)	Springs, rivers & streams.	Good.
Worsley U.D.	5,413	13,906	3,178	3,178	Bolton T.C. & Manchester T.C.	—	—
Barton upon Irwell R.D.:							
Barton Moss	1,470	208	40	21	Manchester T.C.	Wells	Fairly good and adequate.
Barton upon Irwell	21	27	11	11	Do.	—	—
Clifton	1,196	2,743	582	549	Bolton T.C.	—	—
Davyhulme	2,659	1,447	323	296	Manchester T.C.	Wells	Fairly good and adequate.
Flixton	1,447	4,845	1,279	1,272	—	—	—
Blackburn R.D.:							
Balderstone	1,807	454	116	47	Manchester T.C. thro' Preston R.D.C.	—	—
Billington	3,136	1,993	406	332	Blackburn T.C.	—	—
Clayton le Dale	1,714	404	89	64	Blackburn T.C.	—	—
Dinckley	610	75	20	—	Wilshire Golf Club	—	—
Eccleshill	629	342	91	52	Darwen T.C.	—	—
Livesey	1,581	1,766	387	311	Blackburn T.C.	—	—
Mellor	1,743	1,145	291	133	Sir W. H. Feilden, Bart. Mellor Water Co., Ltd.	—	—
Oshaldeston	1,059	153	46	—	Manchester T.C. thro' Preston R.D.C.	Wells, springs, & rain-water.	Fairly good.
Pleasington	1,703	475	107	54	—	—	—
Ramsgreave	778	420	150	104	Blackburn T.C.; Col. J. E. B. Bowdon; Sir W. H. Feilden, Bart.	—	—
Salesbury	1,215	265	74	19	Blackburn T.C.	—	—
Tockholes	1,991	362	120	—	—	—	—
Wilshire	1,004	1,068	204	192	Blackburn T.C.	—	—
Witton	328	37	10	—	Wilshire Golf Club, Ltd.	—	—
Yate & Pickup Bank	852	476	145	—	—	—	—
Burnley R.D.:							
Altham	1,438	923	197	197	Padiham U.D.C. (bulk) Accrington Dist. G. & Water Board.	—	—



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<b>Lancashire—cont.</b>							
<b>Burnley R.D.—cont.</b>							
Barley with Wheat- ley Booth.	2,629	352	81	7	Nelson T.C. (bulk)	Wells & springs	Generally good.
Blacko	974	502	132	102	{ Nelson T.C. Messrs. R. Trafford & Co., Ltd.		
Briercliffe	4,148	3,042	738	670	{ Burnley R.D.C. Burnley R.D.C.	Do.	Doubtful.
Cliviger	6,820	1,891	352	106	{ Burnley T.C. Bury & Dis. Joint Water Board		
Dunnochshaw	666	517	133	130	Burnley R.D.C.	Do.	Generally good.
Foulridge	2,458	1,399	338	294	Burnley R.D.C.	Do.	Some good.
Goldshaw Booth	1,557	156	50	—	—	Do.	Generally good.
Habergham Eaves	1,914	249	61	23	Burnley T.C.	—	—
Hapton	3,577	2,137	457	457	{ Padliham U.D.C. Earl of Abingdon	—	—
Higham with West Close Booth.	1,387	759	194	100	Nelson T.C. (bulk)	Wells & springs	Doubtful.
Huncoat	991	1,494	343	302	Accrington District Gas and Water Board (part in bulk).	Do.	Generally good.
Ightenhill	770	113	31	22	Burnley T.C.		
Northtown	1,041	133	34	9	Padliham U.D.C.	Wells & springs	Generally good.
Old Laund Booth	681	802	194	178	Nelson T.C. (bulk)		
Read	1,239	958	245	200	Burnley R.D.C.	—	—
Reedley Hallows	1,106	698	148	148	{ Nelson T.C.; Burnley T.C.; S. H. Dawson, Esq.; various property owners	Wells & springs	Some good.
Roughlee Booth	1,140	352	80	—	{ Burnley R.D.C. R. Fort, Esq.	—	—
Sabden	2,453	1,725	357	357	{ R. Fort, Esq. Padliham U.D.C.	Wells & springs	Generally good.
Simonstone	1,027	491	128	70	Padliham U.D.C.		
Wheatley Carr Booth	251	54	12	1	Nelson T.C.	—	—
Worsthorne with Hurstwood.	3,507	1,101	275	275	Burnley T.C. (bulk)	—	—
<b>Bury R.D.:</b>							
Ainsworth	1,460	1,903	442	412	Bolton T.C.	Wells & springs	Good.
Birtle cum Bamford	2,410	1,676	366	266	Heywood & Middleton Water Board.		
Outwood	1,938	2,099	460	441	Bury, &c., Joint Water Board	Do.	Fair.
Unsworth	3,067	2,707	700	626	{ Do. Heywood, &c., Water Board		
Walmersley cum Shuttleworth.	3,141	658	170	100	{ Messrs. J. Whittaker and Son Bury, &c., Joint Water Board Turn Manufacturing Co., Ltd.	—	—
<b>Chorley R.D.:</b>							
Anderton	1,230	973	207	186	{ Manchester T.C. (bulk)	Springs, wells, & rain-water.	Fair.
Anglezarke	2,792	63	13	4	Do. do.		
Bretherton	2,428	774	178	120	Do. do.	Do. do.	Fair and moderate.
Brindle	3,106	1,040	243	55	Walton le Dale U.D.C.	Do. do.	Fair.
Charnock Richard	1,946	749	154	131	Manchester T.C. (bulk)	Do. do.	Fair and moderate.
Clayton le Woods	1,431	1,053	258	179	{ Leyland U.D.C. Manchester T.C. (bulk)	Do. do.	Fair.
Coppull	2,282	4,480	950	940	{ Liverpool T.C. thro' Standish with Langtree U.D.C. (bulk)	Do. do.	Fair and moderate.
Cuerden	805	384	86	1	Manchester T.C. (bulk)	Do. do.	Fair.
Duxbury	1,011	250	71	7	Liverpool T.C.		
Eccleston	2,092	1,376	304	269	Manchester T.C. (bulk)	Do. do.	Fair.
Euxton	2,932	1,205	278	212	Do. do.		
Heapey	1,466	606	141	107	Manchester T.C. (bulk)	Do. do.	Fair.
Heath Charnock	1,599	1,239	275	213	Do. do.	Do. do.	Fair and moderate.
Heskin	1,242	656	131	95	Do. do.	Do. do.	Fair.
Hoghton	2,223	913	207	—	Do. do.	Do. do.	Doubtful in parts
Mawdesley	2,947	1,081	237	—	Do. do.	Do. do.	moderate.
Rivington	2,771	250	52	—	Do. do.	Do. do.	Good and adequate.
Ulnes Walton	2,107	575	124	91	Manchester T.C. (bulk)	Do. do.	Doubtful in parts
Welsh Whittle	596	117	22	12	Do. do.	Do. do.	moderate.
Wheelton	1,625	1,267	300	193	Do. do.	Do. do.	Fair.
Whittle le Woods	1,357	2,442	553	496	Do. do.	Do. do.	Doubtful in parts
<b>Clitheroe R.D.:</b>							
Aighton Bailey and Chaigley.	6,289	1,359	220	94	{ R. K. Fenton, Esq. Blackburn T.C. (bulk)	Wells, springs, and streams.	Fair.
Chatburn	896	861	219	217	R. C. Assheton, Esq. (bulk)		
Chipping	5,631	810	192	18	Earl of Derby	Do. do.	Poor.
Downham	2,302	227	54	52	R. C. Assheton, Esq.	Do. do.	Fair.
Leagram	1,512	99	17	—	—	Springs and wells	Good.
Little Bowland	3,153	108	20	—	—		
Little Mitton, Hen- thorn, and Cold- coats.	875	86	14	8	{ Blackburn T.C. thro' Lanca- shire Asylums Board & J.R. Aspinall, Esq.; & Clitheroe T.C. thro' J.R. Aspinall, Esq.	Wells, springs, and streams.	Fair.
Mearley	1,509	48	8	—	—	Springs	Good.
Pendleton	1,998	202	50	37	E. A. le G. Starkie, Esq.	Wells, springs, and streams.	Fair.
Thornley with Wheatley.	3,219	316	65	33	Earl of Derby	—	—
Twiston	861	63	19	—	—	Springs	Moderate.
Whalley	1,601	1,327	310	271	Exors. of the late S. Longworth Do. do.	Wells, springs, and streams.	Fair.
Wiswell	1,232	731	157	112	{ Calico Printers' Association, Ltd.		
Worston	1,090	105	25	17	R. C. Assheton, Esq. (bulk)	—	—



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<b>Lancashire—cont.</b>								
<b>Fylde R.D. :</b>								
Bryning with Kel- lamergh.	1,061	134	25	19	Fylde Water Board	Wells	Good and adequate.	
Carleton	2,013	862	217	200				
Clifton with Salwick	3,373	425	84	70				
Elswick	1,038	230	66	58				
Freckleton	2,207	1,312	348	276				
Greenhalgh with Thistleton.	1,898	379	94	67	Do.	Wells & rainwater		
Hardborn with Newton.	2,653	858	145	121				
Little Eccleston with Larbreck.	1,158	184	46	40				
Marton	3,503	2,086	475	420	Do.	Wells & rainwater		
Medlar with Wes- ham.	1,967	2,155	407	396				
Newton with Scales	1,472	257	67	60	Do.	Wells		
Ribby with Wrea	1,390	598	134	125				
Singleton	2,730	355	74	60				
Treales, Roseacre and Wharles.	4,100	456	95	46				
Warton	1,633	439	102	80				
Weeton with Preese	2,972	370	74	67	Do.	Wells		
Westby with Plumpton.	3,600	478	113	74				
<b>Garstang R.D. :</b>								
Barnacre with Bonds.	4,969	1,546	311	217	Fylde Water Board; Man- chester T.C. (bulk); and J. L. Rushton, Esq.	Wells and springs	Good and plentiful.	
Bilsborough	851	172	47	—				
Blensdale	7,298	265	52	24	Lord Ashton; H. Jackson, Esq.; W. Garnett, Esq.	Do. Springs	Good. Good.	
Cabus	1,392	162	33	1				
Catterall	1,279	320	81	76	Fylde Water Board	Do.	Doubtful.	
Cloughton	3,788	510	125	46		Do.	Do.	Good.
Cleveley	604	65	12	—	W. Fitzherbert Brockholes, Esq.		Wells & springs	
Forton	1,278	496	143	—				
Garstang	488	836	209	209	Fylde Water Board	Do.	Good.	
Great Eccleston	1,467	598	158	122				
Hambleton	1,445	387	105	75	Do.	Do.	Doubtful.	
Holleth	359	32	5	—				
Inskip with Sowerby	2,984	418	97	97	Fylde Water Board	Do.	Wells and springs	
Kirkland	975	253	64	64				
Myerscough	2,708	427	96	21	Fulwood U.D.C.	Wells	Doubtful.	
Nateby	2,088	292	60	20				
Nether Wyresdale	4,243	497	110	50	P. Ormrod, Esq.	Wells and springs	Good.	
Out Rawcliffe	4,501	675	136	25				
Pilling	6,175	1,390	307	7	Fylde Water Board	Do.	Doubtful.	
Stalmine with Stay- nall.	2,303	540	116	52				
Upper Rawcliffe with Tarnacre.	3,842	520	110	60	Do.	Do.	Doubtful.	
Winmarleigh	2,343	290	58	—				
<b>Lancaster R.D. :</b>								
Aldcliffe	779	98	18	9	Lancaster T.C.	Wells and rain- water.	Fairly good and adequate.	
Ashton with Stod- day.	1,522	167	39	10				
Bolton le Sands	1,530	941	245	200	Do.	Wells	Do. do.	
Cockerham	5,809	596	118	—				
Cockersand Abbey	346	36	6	—	Manchester T.C. (bulk) H. Garnett, Esq.	Wells and rain- water.	Some good, others doubt- ful; occasionally in- adequate.	
Ellel	5,811	1,942	454	311				
Heaton with Ox- cliffe.	2,032	175	29	15	Lancaster T.C. through Heys- ham U.D.C.	Wells	Some good, others doubt- ful; adequate.	
Middleton	1,370	178	40	—				
Overton	1,840	294	87	—	Earl of Sefton	Wells and rain- water.	Good and adequate.	
Over Wyresdale	17,346	476	93	11				
Priest Hutton	1,083	186	45	—	Lancaster T.C.	Wells	Some good, others doubt- ful; adequate.	
Scotforth	2,126	304	59	21				
Silverdale	1,461	713	207	—	Lancaster T.C.	Rain-water	Some good, others mode- rate; inadequate at times.	
Slyne with Hest	1,803	541	148	124				
Thurnham	1,658	561	126	—	Carnforth District Water- works Co.	Wells and rain- water.	Good and adequate.	
Warton with Lind- deth.	4,267	1,380	398	306				
							Some good, others doubt- ful; inadequate.	
							Some good, others mode- rate; adequate	



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<b>Lancashire—cont.</b>							
<b>Lancaster R.D.—</b>							
<i>cont.</i>							
Yealand Conyers -	1,582	303	63	—	—	Wells and rain- water.	Some good, others doubt- ful; fairly adequate.
Yealand Redmayne	2,136	194	47	—	—		
<b>Leigh R.D.:</b>							
Astley - - -	2,685	3,556	727	596	Manchester T.C. thro' Tykdes- ley with Shakerley U.D.C. (bulk) - - - - - Liverpool T.C. thro' Leigh T.C. (bulk) - - - - -	Wells - - -	Generally good, and ade- quate, except in very dry seasons.
Culcheth - - -	5,373	2,765	611	414	Warrington T.C. - - - - -		
Kenyon - - -	1,686	327	61	44	Liverpool T.C. thro' Abram U.D.C. (bulk); & Newton in Makerfield U.D.C. (bulk)		
Lowton - - -	1,830	3,429	779	758			
<b>Limehurst R.D.:</b>							
Alt - - - -	1,114	1,032	249	228	Oldham T.C.; & Ashton under Lyne, &c., Waterworks Jt. Committee.	Wells - - -	Good and adequate.
Bardsley - - -	883	2,214	499	499	Do. do. - - - - -		
Crossbank - - -	86	1,268	333	333	Oldham T.C. - - - - -	—	—
Hartshead - - -	1,019	700	178	66	Ashton under Lyne, &c., Jt. Committee; Trustees of the late Earl of Stamford and Warrington.	Wells - - -	Good and adequate.
Little Moss - - -	704	556	141	141	Ashton under Lyne, &c., Jt. Committee.		
Waterloo - - -	341	3,966	950	950		—	—
Woodhouses - - -	628	830	211	211			
<b>Lunesdale R.D.:</b>							
Arkholme with Ca- wood.	3,018	319	62	50	Exors. of W. Cragg; and F. Pearson, Esq.	Wells & springs	Good.
Borwick - - -	846	138	33	—	—		
Barrow with Bur- row.	2,425	188	39	—	—		
Cantsfield - - -	1,221	105	18	—	—		
Caton - - - -	8,393	1,219	286	265	Lunesdale R.D.C. - - - - -	Wells & springs	Good.
Claughton - - -	1,581	124	26	18	Claughton Manor Brick Co., Ltd.		
Gressingham - - -	2,019	120	31	—	—		
Halton - - - -	3,921	889	187	187	Manchester T.C. (bulk) - - -		
Hornby with Farle- ton.	3,010	439	96	60	Trustees of the late Col. Foster	—	—
Ireby - - - -	1,145	72	13	—	—	Wells & springs	Good.
Leck - - - -	4,631	212	50	—	—		
Melling with Wray- ton.	1,064	187	39	—	—		
Nether Kellet - - -	2,081	243	54	—	—		
Over Kellet - - -	3,213	428	92	4	Carnforth Dist. Waterworks Co.	Wells & springs	Good.
Quernmore - - -	7,323	591	119	1	Lunesdale R.D.C. - - - - -		
Roeburndale - - -	8,824	106	20	—	—		
Tatham - - - -	8,551	442	98	—	—		
Tunstall - - - -	1,077	109	21	—	—	Wells & springs	Good.
Wennington - - -	980	133	28	—	—		
Whittington - - -	4,418	356	72	—	—		
Wray with Bottom	6,526	462	110	60	Trustees of the late Col. Foster		
<b>Preston R.D.:</b>							
Barton - - - -	3,055	432	107	59	Fulwood U.D.C. (part in bulk)	Wells and rain- water.	Fair.
Broughton - - -	2,357	722	161	137	Fulwood U.D.C. - - - - -		
Cuerdale - - - -	689	52	9	5	Manchester T.C. (bulk) - - -		
Dutton - - - -	1,908	232	56	33	R. K. Fenton, Esq. - - - - -		
Elston - - - -	959	50	10	3	Fulwood U.D.C. - - - - -	Wells and rain- water.	Fair.
Farington - - -	1,862	2,321	551	524	Preston T.C. (bulk) - - - - -		
Goosnargh - - -	8,329	1,068	225	34	Messrs. G. & R. Dewhurst, Ltd.		
Grimstargh with Brockholes.	1,748	494	116	84	Fulwood U.D.C. - - - - -		
Haighton - - -	1,077	204	53	41	—	Wells, ponds and rain-water.	Bad, but the piped service is available.
Hothersall - - -	1,056	148	38	11	Preston T.C. - - - - -		
Howick - - - -	745	81	27	27	Do. (bulk) - - - - -		
Hutton - - - -	2,567	472	112	112	—		
Lea, Ashton, Ingol and Cottam.	3,098	799	166	23	Fulwood U.D.C. - - - - -	Wells, springs & rain-water.	Fair.
Little Hoole - - -	1,236	524	134	133	—		
Longton - - - -	3,383	2,362	617	607	Preston T.C. (bulk) - - - - -		
Much Hoole - - -	1,757	627	164	153	—		
Penwortham - - -	1,975	3,517	927	913	Fulwood U.D.C. - - - - -	Wells and rain- water.	Fair.
Ribbleton - - -	305	77	15	9	Preston T.C. - - - - -		
Ribchester - - -	2,224	1,315	323	257	Do. - - - - -		
					R. K. Fenton, Esq. - - - - -		



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<b>Lancashire—cont.</b>							
<b>Preston R.D.—cont.</b>							
Samlesbury -	4,384	875	187	159	Manchester T.C. (part in bulk)	Springs and rain- water.	Fair.
Whittingham -	3,193	3,335	233	113	( Fulwood U.D.C. - - -	Wells, springs & rain-water.	
Wood Plumptre -	4,986	1,226	302	—	( Preston T.C. - - -	—	
<b>Sefton R.D. :</b>							
Aintree -	853	298	60	58	Liverpool T.C. - - -	Wells - - -	Good.
Croxeth Park -	960	54	13	8	Do. - - -	—	—
Ford -	357	400	34	34	Do. - - -	—	—
*Ince Blundell -	2,318	384	88	69	Do. - - -	Wells - - -	Polluted.
Kirkby -	4,180	1,211	271	245	( St. Helen's T.C. - - -	Do. - - -	Good.
*Lunt -	4,778	91	19	—	( Liverpool T.C. - - -	Do. - - -	Polluted.
Netherton -	1,124	548	118	114	—	—	—
Sefton -	1,231	340	66	56	Liverpool T.C. - - -	Do. - - -	Good.
*Thornton -	774	276	59	45		Do. - - -	Good.
West Derby Rural -	2,592	2,351	437	430	—	—	—
<b>Ulverston R.D. :</b>							
Aldingham -	4,712	936	212	30	Ulverston R.D.C. - - -	(a) Wells and springs ; (b) rain-water.	(a) Doubtful, but sufficient ; (b) inferior and inadequate.
Angerton -	918	30	4	—	—	—	—
Blawith -	2,998	133	37	—	—	—	—
Broughton East -	1,907	221	47	20	Grange U.D.C. (bulk) - - -	—	—
Broughton in Furness -	6,943	1,073	280	141	( Barrow in Furness T.C. - - -	Wells and streams.	Satisfactory.
Cartmel Fell -	5,029	244	73	—	( Broughton in Furness Water Co., Ltd. - - -		
Claife -	4,458	540	148	24	( G. H. Sandys, Esq. - - -		
Colton -	14,329	1,589	393	47	( Mrs. M. Ainsworth - - -	—	—
Coniston -	10,427	1,006	300	114	( Ulverston R.D.C. - - -	Wells - - -	Satisfactory.
Dunnerdale with Seathwaite.	10,273	223	57	—	( J. Coward, Esq. - - -	Streams - - -	
Egton with New- land.	3,704	936	252	—	( Mrs. M. Ainsworth - - -	—	—
Hawkshead -	4,713	627	173	92	Ulverston R.D.C. - - -	Springs & wells -	Doubtful, but sufficient.
Kirkby Ireleth -	8,730	1,432	373	133	( H. Brocklebank, Esq. ; N. Garnett, Esq. ; Ulverston R.D.C. - - -	Wells and stream.	Satisfactory.
Lower Allithwaite -	3,087	905	214	131	( Barrow in Furness T.C. (bulk) Ulverston R.D.C. - - -		
Lower Holker -	3,332	1,068	268	166	( Grange U.D.C. (bulk) - - -	—	—
Lowick -	2,271	326	69	—	( Lord R. F. Cavendish - - -	Springs & wells -	Good and sufficient.
Mansriggs -	569	49	10	—	( Grange U.D.C. (bulk) - - -		
Osmotherley -	1,931	368	91	32	—	Springs - - -	Good and sufficient.
Pennington -	2,850	1,361	318	283	( Barrow in Furness T.C. thro' Ulverston U.D.C. - - -		
Satterthwaite -	7,139	409	96	45	( Barrow in Furness T.C. thro' Ulverston U.D.C. (bulk). H. Brocklebank, Esq. ; G. H. Sandys, Esq. ; & Ulverston R.D.C. - - -	Wells - - -	Satisfactory.
Skelwith -	2,834	300	63	—	—	Wells & streams	
Staveley -	4,295	363	95	24	Ulverston R.D.C. - - -	Wells - - -	
Subberthwaite -	1,236	95	24	—	—	—	
Torver -	3,817	184	52	—	—	Wells and streams.	Satisfactory.
Upper Allithwaite -	3,438	776	200	115	( Grange U.D.C. (bulk) - - -		
Upper Holker -	7,247	833	198	123	( Lowwood Gunpowder Co. - - -	—	—
Urswick -	3,899	974	259	232	( Grange U.D.C. (part in bulk) Ulverston R.D.C. - - -	Wells - - -	Good.
<b>Warrington R.D. :</b>					( Barrow in Furness T.C. thro' Ulverston U.D.C. - - -		
Bartonwood -	4,195	2,408	441	387	Warrington T.C. - - -	—	—
Cuadley -	1,558	183	28	10	Liverpool T.C. - - -	—	—
Great Sankey -	1,922	1,363	345	296	—	—	—
Houghton, Middle- ton and Arbury.	855	222	54	47	—	—	—
Penketh -	1,008	1,713	398	346	Warrington T.C. - - -	Do. - - -	Good.
Poulton with Fearnhead.	1,234	1,472	367	277		—	
Rixton with Glaze- brook.	2,993	987	222	19	Do. - - -	—	—
Southworth with Croft.	1,887	951	220	220	—	—	—
Winwick with Hulme.	2,080	3,957	375	290	Do. - - -	Wells - - -	Good.
Woolston with Mar- tinscroft.	1,623	489	106	77	—	—	—
<b>Vest Lancashire R.D. :</b>							
Altcar -	4,210	488	91	55	Southport, Birkdale and West Lancashire Jt. Water Board. Ormskirk U.D.C. - - -	Wells and rain- water.	Variable but adequate.
Anghton -	4,612	3,657	813	774	( Southport &c. Water Board	Wells - - -	

\* Ince Blundell, Lunt, and Thornton—Works for extension of piped services are in progress.



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<b>Lancashire—cont.</b>									
<b>West Lancashire R.D.—cont.</b>									
Bickerstaffe - -	6,453	2,029	391	182	Ormskirk U.D.C. Southport, &c. Water Board St. Helens T.C. - - -	Wells & rain- water.	Varies considerably. Some fair, others not good; adequate.		
Bispham - -	929	280	60	2	Wigan R.D.C. - - -				
Downholland - -	3,475	666	149	130	Southport, &c. Water Board				
Halsall - -	6,995	1,426	308	253	Southport, &c. Water Board				
Hesketh with Beconsall.	3,662	1,057	263	259	Southport, &c. Water Board Preston T.C. thro' Preston R.D.C. (bulk)	Wells - -			
Lydiat - -	1,994	1,046	222	146	Southport, &c. Water Board -				
Maghull - -	2,099	1,756	300	286	Southport, &c. Water Board St. Helens T.C. (bulk) -				
Melling - -	2,119	1,098	209	206	St. Helens T.C. (bulk) -				
North Meols - -	5,299	1,830	423	383	Liverpool T.C. - - -				
Rufford - -	3,120	794	182	177	Southport, &c. Water Board -	Wells & rain- water.			
Scarisbrick - -	8,398	2,231	496	411	Lathom & Burscough U.D.C. (bulk).	Wells - -			
Simonswood - -	2,645	328	62	45	Southport &c. Water Board -	Wells & rain- water.			
Tarleton - -	5,545	1,997	473	457	St. Helens T.C. thro' the Earl of Sefton.	Wells - -			
<b>Whiston R.D.:</b>									
Bold - -	4,484	1,309	439	314	Preston T.C. through Preston R.D.C. (bulk).	Wells - -	Generally unsatisfactory and some inadequate.		
Cronton - -	1,126	574	110	100	St. Helens T.C.; Widnes T.C.; Warrington T.C. - - -				
Ditton - -	1,936	2,900	577	573	Widnes T.C. - - -				
Eccleston - -	2,632	3,141	467	389	Do. - - -				
Hale - -	1,654	496	103	87	St. Helens T.C. - - -				
Halewood - -	3,883	2,467	518	493	Liverpool T.C. - - -				
Knowsley - -	5,061	1,317	277	177	Widnes T.C. (bulk) - - -				
Rainhill - -	1,658	2,442	540	533	Liverpool T.C. & Widnes T.C. St. Helens T.C. - - -				
Speke - -	2,526	449	99	38	Liverpool T.C. - - -				
Tarbock - -	2,413	500	107	63	Liverpool T.C. - - -				
Whiston - -	1,788	4,704	708	704	Do. - - -				
Windle - -	2,130	901	183	57	St. Helens T.C. - - -	Wells - -			
<b>Wigan R.D.:</b>									
Dalton - -	2,102	446	90	5	British Insulated and Helsby Cables, Ltd. (part in bulk) Rainhill Gas and Water Co.				
Haigh - -	2,130	1,088	228	222	St. Helens T.C. - - -				
Parbold - -	1,161	711	150	141	Lathom and Burscough U.D.C. Blackrod U.D.C. (bulk); & thro' Wigan R.D.C. and Aspull U.D.C.				
Shevington - -	1,727	1,905	425	415	Wigan R.D.C. - - -				
Worthington - -	658	249	46	25	Liverpool T.C. thro' Standish with Langtree U.D.C. (bulk)				
Wrightington - -	3,917	1,928	458	259	Liverpool T.C. thro' Standish with Langtree U.D.C.; Wigan T.C.				
<b>LEICESTER-SHIRE.</b>									
Ashby de la Zouch U.D.	3,949	4,927	1,083	1,059	Upholland U.D.C. (bulk) and Wigan R.D.C.		Wells and springs	Good.	
Ashby Woulds U.D.	1,941	2,783	568	393	Swadlincote & Ashby de la Zouch Jt. Water Comtee. (bulk)		Wells, springs, & rain-water (filtered).	Fairly good and adequate.	
Coalville U.D. - -	6,287	18,718	3,854	3,016	Swadlincote &c. Jt. Water Com- tee. & Moira Colliery Co. Ltd.*	Wells and springs	Generally satisfactory.		
Hinckley U.D. - -	3,729	12,837	2,859	2,815	Coalville U.D.C. - - -	Do.	Do.		
Leicester C.B. - -	8,582	227,222	50,940	50,940	Hinckley U.D.C. - - -	Do. - -	Do.		
Loughborough B. Market Har- borough U.D.	3,079	22,990	5,202	5,172	Leicester T.C. - - -				
Melton Mowbray U.D.	4,673	8,853	1,927	1,769	Derwent Valley Water Bd. (bulk).	Wells - -	Fair and sufficient.		
Oadby U.D. - -	2,686	9,202	2,024	1,912	Loughborough T.C. - - -	Do. - -	Satisfactory.		
Quorndon U.D. - -	2,164	2,609	696	601	Market Harborough U.D.C. -	Do. - -	Generally satisfactory and ample.		
Shepshed U.D. - -	2,220	2,363	564	526	Melton Mowbray U.D.C. -				
Thurmaston U.D.	5,425	5,542	1,287	481	Leicester T.C. - - -	Do. - -	Variable, but sufficient.		
Wigston Magna U.D.	1,762	1,824	443	424	Leicester T.C. (bulk) - -				
Wigston Magna U.D.	1,944	8,650	1,950	1,834	Leicester T.C. - - -	Do. - -	Good.		
					Loughborough T.C. - - -	Do. - -	Fairly good.		
					Leicester T.C. - - -				
						Do. - -	Good and sufficient.		

\* Ashby Woulds U.D.—The supply from Moira Colliery Co. will shortly be discontinued.



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<b>Leicestershire— cont.</b>							
<b>Ashby de la Zouch R.D. :</b>							
Appleby Magna -	2,853	675	179	—	—	Springs & wells - Springs -	Good. Moderate.
Bardon -	1,350	554	116	—	—		
Blackfordby -	1,239	517	129	—	—	} Spring & wells	Good.
Chilcote -	1,357	126	41	—	—		
Coleorton -	2,149	735	161	—	—	} Do. Do.	Poor. Good.
Heather -	1,042	702	159	—	—		
Measham -	1,719	2,303	535	—	—	} Wells -	Poor.
Normanton - le Heath.	1,366	143	37	—	—		
Oakthorpe and Donisthorpe.	1,805	2,444	563	12	Moiria Colliery Co., Ltd.	Wells -	Poor.
Osgathorpe -	923	298	80	—	—	} Springs & wells Wells -	Good. Fair.
Packington -	2,396	443	113	—	—		
Ravenstone with Snibston.	2,245	1,670	385	—	—	} Springs & wells Wells -	Good. Fair.
Snarestone -	1,334	277	84	3	Hinckley U.D.C.		
Staunton Harold -	1,699	206	49	—	—	} Springs & wells Wells -	Good. Good.
Stretton en le Field	1,048	57	14	—	—		
Swannington -	1,506	2,030	413	36	Coalville U.D.C. (bulk) -	} Springs & wells Do.	Poor. Good.
Sweptone -	2,318	570	145	32	Hinckley U.D.C.		
Thringstone -	872	1,279	304	—	—	Do.	Poor.
Willesley -	808	40	12	—	—	Do.	Good.
Worthington -	1,732	1,016	235	—	—	Wells -	Fair.
<b>Barrow-upon-Soar R.D. :</b>							
Anstey -	795	2,976	620	620	{ Leicester T.C.	—	—
Anstey Pastures -	147	48	6	6			
Barkby -	1,916	670	180	70	{ Do.	—	—
Barkby Thorpe -	955	58	15	—			
Barrow upon Soar -	2,497	2,481	570	520	{ Leicester T.C.	Wells -	Good and sufficient.
Beaumont Leys -	1,651	174	34	34			
Beeby -	1,435	95	23	—	{ Leicester T.C.	—	—
Birstall -	1,169	751	175	163			
Cossington -	1,558	388	112	5	{ Leicester T.C.	Wells -	Good and sufficient.
Cropton -	430	310	75	75			
Gilroes -	185	158	7	7	{ Leicester T.C.	—	—
Leicester Frith -	246	50	7	7			
Mountsorrel -	554	2,491	600	500	{ Do.	—	—
Newtown Linford -	4,888	419	90	6			
Queeniborough -	2,182	557	133	—	{ Leicester T.C.	—	—
Ratcliffe on the Wreak.	852	101	27	—			
Bearsby -	1,726	409	107	—	{ Leicester T.C.	—	—
Rothley -	2,129	2,006	370	300			
Seagrave -	2,515	396	78	5	{ Leicester T.C.	Wells -	Good and sufficient.
Sileby -	2,295	3,082	650	550			
South Croxton -	1,663	211	55	—	{ Leicester T.C.	—	—
Swithland -	1,145	182	46	3			
Syston -	1,869	3,087	740	700	{ Leicester T.C.	—	—
Thrussington -	2,033	445	114	—			
Thurcaston -	1,177	345	86	25	{ Leicester T.C.	—	—
Ulverscroft -	1,889	89	22	—			
Walton on the Wolds.	1,549	225	48	—	{ Leicester T.C.	—	—
Wanlip -	977	96	28	2			
Woodhouse -	4,542	1,458	392	320	{ Leicester T.C.	—	—
<b>Belvoir R.D. :</b>							
Barkstone -	2,087	253	60	—	{ Leicester T.C.	—	—
Belvoir -	715	111	19	—			
Bottesford -	4,978	1,174	354	—	{ Leicester T.C.	—	—
Croxton Kerrial -	3,333	452	114	—			
Harston -	1,041	157	42	—	{ Leicester T.C.	—	—
Knipton -	1,271	280	70	60			
Muston -	1,696	262	72	—	{ Leicester T.C.	—	—
Plungar -	979	184	50	—			
Redmile -	1,771	382	110	—	{ Leicester T.C.	Wells & springs	Good.
<b>Billesdon R.D. :</b>							
Allexton -	1,027	46	17	—	{ Leicester T.C.	Wells -	Fairly good and sufficient.
Billesdon -	2,150	594	172	—			
						Do.	Some good, others indif- ferent; adequate.
Burton Overy -	1,899	304	90	—	{ Leicester T.C.	Do.	Doubtful, but adequate.
Bushby -	679	116	23	5			
Carlton Curliu -	1,406	93	17	—	{ Leicester T.C.	Do.	Fair and sufficient.
Cold Newton -	1,556	107	24	—			
East Norton -	1,138	120	37	—	{ Leicester T.C.	Do.	Doubtful, but usually sufficient.
Evington -	1,191	958	107	52			
Frisby -	963	18	4	—	{ Leicester T.C.	Do.	Doubtful, but usually sufficient.
Galby -	940	53	18	—			
Glen Magna -	2,134	776	211	31	Capt. E. C. Packe -	Do	



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Leicestershire—</b>							
<i>cont.</i>							
<b>Billesdon R.D.—</b>							
<i>cont.</i>							
Goadby - - -	961	62	17	—	—	Wells - - -	Fair and sufficient.
Halstead - - -	1,441	174	44	—	—	Do. - - -	Doubtful and inadequate.
Houghton on the Hill.	1,914	271	96	—	—	Do. - - -	Doubtful, but adequate.
Humberstone - -	1,174	538	145	140	Leicester T.C.	Do. - - -	Not very good in some cases, but adequate.
Hungerton - - -	3,593	260	66	—	—	Do. - - -	Good and adequate.
Ilston on the Hill.	1,363	212	56	—	—	Do. - - -	Fairly good and moderate.
Keyham - - -	943	130	34	—	—	Do. - - -	Doubtful and somewhat deficient.
King's Norton - -	1,010	48	13	—	—	Do. - - -	Fair.
Launde - - -	1,263	58	13	—	—	Do. - - -	Good and ample.
Loddington - - -	1,873	128	27	—	—	Do. - - -	Doubtful, but sufficient.
Lowesby - - -	1,424	147	31	—	—	Do. - - -	Doubtful and generally inadequate.
Marefield - - -	520	17	4	—	—	Do. - - -	Satisfactory.
Newtown Harcourt	1,143	148	42	—	—	Do. - - -	Fair.
Noseley - - -	1,304	68	13	—	—	Do. - - -	Good and sufficient.
Owston & Newbold	3,075	121	37	—	—	Do. - - -	Fairly satisfactory.
Rolleston - - -	1,094	59	16	—	—	Do. - - -	Variable.
Scraptoft - - -	1,711	113	23	—	—	Do. - - -	Doubtful.
Skeffington - - -	2,189	153	42	—	—	Do. - - -	Do.
Stoughton - - -	1,512	136	31	—	—	Do. - - -	Good.
Stretton Magna - -	703	43	9	—	—	Do. - - -	Good.
Stretton Parva - -	704	73	21	—	—	Do. - - -	Doubtful.
Thurnby - - -	614	226	59	4	Leicester T.C.	Do. - - -	Good.
Tilton - - -	1,528	130	38	—	—	Do. - - -	Doubtful.
Tagby - - -	2,209	300	80	60	The Hon. Sir R. R. T. Wilson, Bart.	Do. - - -	Good.
Whatborough - - -	477	13	4	—	—	Do. - - -	Good.
Wistow - - -	910	54	11	—	—	Do. - - -	Good.
Withcote - - -	747	46	8	—	—	Do. - - -	Fairly satisfactory.
<b>Blaby R.D.:</b>							
Blaby - - -	1,332	1,959	480	3	Leicester T.C.	Wells - - -	Variable.
Braunstone - - -	1,489	125	35	2	Do.	Do. - - -	Doubtful.
Braunstone Frith -	232	6	1	1	Do.	Do. - - -	Do.
Cosby - - -	2,318	1,560	359	—	Leicester T.C.	Do. - - -	Good.
Countesthorpe - -	1,332	1,450	314	4	Croft Granite Brick and Concrete Co., Ltd.	Do. - - -	Good.
Croft - - -	897	742	154	104	Leicester T.C.	Do. - - -	Doubtful.
<b>East Leicester</b>							
Forest.	620	100	26	1	Leicester T.C.	Do. - - -	Good.
East Wigston - -	1,175	87	21	—	Leicester T.C. (bulk)	Do. - - -	Doubtful.
Enderby - - -	1,672	2,667	624	300	Do.	Do. - - -	Good.
Foston - - -	1,333	51	11	—	Do.	Do. - - -	Good.
Glenfield - - -	772	1,105	264	243	Do.	Do. - - -	Good.
Glenfield Frith - -	294	17	3	3	Do.	Do. - - -	Good.
Glen Parva - - -	855	620	84	56	Do.	Do. - - -	Good.
Huncote - - -	908	610	152	—	Do.	Do. - - -	Doubtful.
Kilby - - -	1,068	253	65	—	Do.	Do. - - -	Good.
Kirby Frith - - -	244	11	2	2	Leicester T.C.	Do. - - -	Good.
Kirby Muxloe - - -	1,702	1,063	255	181	Do.	Do. - - -	Good.
Lubberthorpe - - -	2,693	81	20	—	Do.	Do. - - -	Unsatisfactory in village.
Narborough - - -	1,698	1,839	297	6	Do.	Do. - - -	Good.
New Parks - - -	812	161	25	18	Do.	Do. - - -	Doubtful.
Potters Marston - -	703	30	7	—	Do.	Do. - - -	Many polluted.
Thurlaston - - -	2,807	541	144	—	Do.	Do. - - -	Good.
West Leicester	309	41	9	—	Do.	Do. - - -	Good.
Forest.	—	—	—	—	Do.	Do. - - -	Good.
Whetstone - - -	2,113	1,386	313	—	Do.	Do. - - -	Good.
<b>Castle Donington R.D.:</b>							
Breedon on the Hill	3,143	752	164	—	Long Eaton U.D.C. (bulk)	Wells & springs	Good and adequate.
Castle Donington -	3,839	2,529	611	476	Do.	Do. - - -	Do.
Diseworth - - -	1,961	331	90	—	Do.	Do. - - -	Good.
Hemington - - -	1,439	383	81	—	Do.	Do. - - -	Good.
Isley Walton - - -	484	36	6	6	Long Eaton U.D.C.	Wells & springs	Good and adequate.
Kegworth - - -	2,289	2,220	515	418	Do. (bulk)	Do. - - -	Do.
Langley Priory - -	564	22	4	—	Do.	Do. - - -	Good.
Lockington - - -	1,870	143	31	—	Do.	Do. - - -	Good.
<b>Hallaton R.D.:</b>							
Blaston - - -	1,287	95	23	—	Do.	Do. - - -	Satisfactory.
Bringhurst - - -	519	45	12	—	Do.	Do. - - -	Good.
Drayton - - -	733	101	29	—	Do.	Do. - - -	Good.
Great Easton - - -	2,360	418	117	—	Do.	Do. - - -	Good.
Hallaton - - -	2,969	566	151	—	Do.	Do. - - -	Good.
Horninghold - - -	1,218	124	26	—	Do.	Do. - - -	Good.
Medbourne - - -	1,856	393	107	—	Do.	Do. - - -	Good.
Nevill Holt - - -	1,178	76	17	—	Do.	Do. - - -	Good.
Stockerston - - -	1,534	49	11	—	Do.	Do. - - -	Good.



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<b>Leicestershire— cont.</b>							
<b>Hinckley R.D.:</b>							
Aston Flamville -	1,091	78	17	—	—	Wells	Variable, but adequate.
Barwell -	2,387	2,998	622	261	Hinckley U.D.C. (bulk)		
Burbage -	3,105	2,412	553	—	—		
Earl Shilton -	2,077	4,190	989	290	Hinckley U.D.C. (bulk)		
Elmesthorpe -	1,305	84	15	—	—		
Higham on the Hill	2,651	614	100	—	—	Do.	Variable, but plentiful.
Sapcote -	1,555	872	188	—	—		
Sharnford -	1,431	373	100	—	—		
Stoke Golding -	1,291	613	133	—	—		
Stoney Stanton -	1,572	1,539	357	265	Hinckley R.D.C.	Do.	Variable.
Wigston Parva -	387	52	10	—	—	Do.	Variable, but plentiful.
<b>Loughborough R.D.:</b>							
Belton -	2,345	607	130	—	—	Wells	Fairly good and adequate.
Burton on the Wolds	2,585	293	65	—	—		
Charley -	1,334	138	35	—	—		
Cotes -	489	57	10	—	—		
Garendon -	1,193	46	12	—	—		
Hathern -	1,341	1,209	310	—	—		
Hoton -	1,410	251	65	—	—		
Long Whatton -	2,051	571	150	—	—		
Nanpanton -	1,649	316	70	32	Loughborough T.C.		
Prestwold -	914	84	16	2			
Thorpe Acre and Dishley.	1,147	174	40	—			
Woodthorpe -	411	56	15	—	—		
Wymeswold -	3,373	777	190	—	—		
<b>Lutterworth R.D.:</b>							
Arnesby -	1,415	354	89	—	—	Wells	Very variable, polluted in Bitteswell, Broughton Astley, Claybrooke, Magna, Frolesworth, Leire, and Ullesthorpe; sufficient, except in Ullesthorpe.
Ashby Magna -	1,937	262	63	—	—		
Ashby Parva -	1,369	126	47	—	—		
Bittesby -	750	38	9	—	—		
Bitteswell -	1,820	308	93	—	—		
Broughton Astley -	2,472	1,339	316	—	—		
Bruntingthorpe -	1,265	227	71	—	—		
Catthorpe -	645	176	40	—	—		
Claybrooke Magna -	1,090	321	98	—	—		
Claybrooke Parva -	536	75	22	—	—		
Cotesbach -	1,246	104	29	—	—		
Dunton Bassett -	1,361	482	122	—	—		
Frolesworth -	1,515	243	81	—	—		
Gilmorton -	2,471	464	152	—	—		
Kimcote and Walton	3,091	483	150	—	—		
Knaptoft -	1,420	65	9	—	—		
Leire -	1,107	279	83	—	—		
Lutterworth -	2,589	1,896	479	150	Lutterworth Freehold Land, Building, and Waterworks Co., Ltd. (in liquidation).		
Misterton -	3,892	435	112	—	—		
North Kilworth -	2,099	405	105	—	—		
Peatling Magna -	1,862	183	59	—	—		
Peatling Parva -	964	120	32	—	—		
Shawell -	1,424	173	43	—	—		
Shearsby -	1,128	180	55	—	—		
South Kilworth -	1,481	275	88	—	—		
Swinford -	1,633	311	88	—	—		
Ullesthorpe -	1,485	395	108	—	—		
Westrill and Star- more.	1,467	5	1	—	—		
Willoughby Water- less.	1,166	207	74	—	—		
<b>Market Bosworth R.D.:</b>							
Atterton -	640	34	6	—	—	Wells	Satisfactory.
Bagworth -	2,244	1,419	281	—	—		
Barlestone -	1,067	1,042	220	—	—		
Barton in the Beans	846	151	38	—	—		
Bilstone -	713	79	17	—	—		
Cadeby -	1,008	114	30	—	—		
Carlton -	747	178	44	—	—		
Congerstone -	814	195	50	—	—		
Dadlington -	1,028	189	42	—	—		
Desford -	2,502	1,118	249	—	—		
Fenny Drayton -	1,174	113	27	—	—		
Gopsall -	729	35	7	—	—		
Groby -	2,070	910	200	50	Leicester T.C.		
Ilstock -	2,335	4,946	1,006	—	—		
Kirkby Mallory -	2,041	219	48	—	—		
Market Bosworth -	2,716	729	168	16	Hinckley U.D.C.		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Leicestershire— cont.</b>							
<b>Market Bosworth R.D.—cont.</b>							
Markfield - -	2,303	1,757	408	—	—	Wells - -	Satisfactory.
Nailstone - -	1,954	346	74	—	—		
Newbold Verdon -	1,862	1,064	237	—	—		
Norton juxta Twy- cross.	1,858	217	60	—	—		
Odstone - -	1,134	142	30	—	—		
Orton on the Hill -	2,033	183	44	—	—		
Osbaston - -	1,325	307	62	—	—		
Peckleton - -	2,180	239	56	—	—		
Ratcliffe Culey -	3,065	2,112	401	4	Leicester T.C.		
Shackerstone - -	1,238	205	46	—	—		
Sheepy Magna - -	1,186	229	55	—	—		
Sheepy Parva - -	3,100	492	107	—	—		
Shenton - -	613	77	14	—	—		
Sibson - -	1,547	181	43	—	—		
Stanton under Bar- don.	2,602	258	60	—	—		
Stapleton - -	1,447	657	139	—	—		
Sutton Cheney - -	1,365	227	56	—	—	Do. - -	Good and plentiful
Thornton - -	1,697	182	52	—	—		
Twycross - -	2,092	673	139	50	Countess of Warwick		
Upton - -	1,581	248	63	—	—		
Wetherley - -	1,327	109	25	—	—		
<b>Market Har- borough R.D.:</b>	844	482	105	—	—		
Cranoe - -		89	21	—	—		
East Langton - -	805	244	61	—	—		
Fleckney - -	992	1,852	418	—	—		
Foxton - -	1,271	324	79	—	—		
Glooston - -	1,893	70	27	—	—		
Gumley - -	973	172	42	—	—		
Husbands Bosworth	1,385	779	209	—	—		
Kibworth Beau- champ.	3,560	1,361	364	—	—		
Kibworth Hareourt	1,312	446	116	—	—		
Laughton - -	1,475	115	30	—	—		
Lubenham - -	1,151	661	157	—	—		
Mowsley - -	2,729	169	54	—	—		
Saddington - -	1,305	210	51	—	—		
Shangton - -	1,713	42	15	—	—		
Slawston - -	1,268	134	43	—	—		
Smeeton Westerby-	1,501	336	89	—	—		
Stonton Wyville -	1,391	42	21	—	—		
Tbeddingworth -	1,217	228	55	—	—		
Thorpe Langton -	1,627	103	31	—	—		
Tur Langton - -	1,175	237	75	—	—		
Welham - -	1,413	61	17	—	—		
West Langton - -	1,143	95	17	—	—		
<b>Melton Mowbray R.D.:</b>	829					Wells & springs	Good and adequate.
Ab Kettleby - -		870	267	65	—		
Asfordby - -		1,568	1,336	298	—		
Ashby Folville -		1,796	139	32	—		
Barsby - -		1,147	180	45	—		
Bescaby - -		1,227	22	4	—		
Branston - -		1,837	222	51	—		
Brentingby and Wyfordby.		1,389	105	24	—		
Brookesby - -		867	58	14	—		
Buckminster - -		1,964	246	66	—		
Barrough on the Hill.		1,580	200	47	—		
Burton Lazars -		2,780	238	52	—		
Cold Overton - -		1,729	116	28	—		
Coston - -		1,766	78	15	—		
Eastwell - -		1,361	194	37	—		
Eaton - -		1,769	436	96	—		
Edmondthorpe -		1,803	207	50	—		
Freeby - -		1,395	143	32	—		
Frisby on the Wrenk		1,508	385	97	—		
Gaddesby - -		1,725	273	61	—		
Garthorpe - -		1,635	71	20	—		
Goadby Marwood -		1,650	176	37	—		
Great Dalby - -		2,383	341	84	—		
Grimston - -		1,064	176	39	—		
Harby - -		2,062	603	155	—		
Hoby - -		1,691	294	67	—		
Holwell - -		1,408	249	45	—		
Hose - -		2,337	441	112	—		
Kirby Bellars - -		2,754	271	67	—		
Knossington - -		1,469	247	62	—		
Little Dalby - -		1,885	151	38	—		
Long Clawson - -		3,581	735	185	—		
Nether Broughton -		2,301	380	87	—		



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Leicestershire— cont.</b>								
<b>Melton Mowbray R.D.—cont.</b>								
Old Dalby	3,181	368	82	—	—	Wells and springs.	Good and adequate.	
Pickwell with Lees- thorpe.	2,378	217	52	—	—			
Ragdale	1,447	92	19	—	—			
Rotherby	792	156	32	—	—			
Saltby	2,442	207	48	—	—			
Saxby	1,412	116	22	—	—			
Saxelby	1,052	109	19	—	—			
Scalford	2,521	688	163	—	—			
Sewstern	1,117	189	54	—	—			
Shoby	969	23	6	—	—			
Somerby	1,470	507	114	—	—			
Sproxtun	2,338	282	71	—	—			
Stapleford	2,273	170	36	—	—			
Stathern	2,141	578	152	100	Stathern P.C.			
Stonesby	1,423	172	49	—	—			
Sysonby	1,240	214	42	—	—			
Sysonby with Eye Kettleby.	793	65	15	—	—			
Thorpe Arnold	1,788	119	26	—	—			
Thorpe Satchville	1,330	256	56	—	—			
Twynford	1,205	332	82	—	—			
Waltham on the Wolds.	2,797	543	124	—	—			
Wartnaby	749	89	25	—	—			
Welby	1,185	70	13	—	—			
Wycomb and Chad- well.	781	103	25	—	—			
Wymondham	2,928	626	170	—	—			
<b>LINCOLNSHIRE (PARTS OF HOLLAND).</b>								
Boston B.	2,727	16,673	4,012	3,991	Boston Waterworks Co.	Rain-water & wells.	Doubtful, but generally adequate.	
Holbeach U.D.	22,666	5,259	1,201	—	—	(a) Wells; (b) rain-water.	(a) Bad in town, elsewhere good; (b) satisfactory.	
Long Sutton U.D.	3,931	2,837	678	—	—	(a) Wells; (b) rain-water.	(a) Generally good and adequate.	
Spalding U.D.	10,747	10,308	2,493	1,763	Spalding U.D.C.	Wells and rain- water.	Satisfactory.	
Sutton Bridge U.D.	6,176	2,156	516	—	—	Wells	Good.	
<b>Boston R.D.:</b>								
Algarkirk	2,735	485	100	—	—	Wells and rain- water.		
Amber Hill	5,439	529	120	—	—			
Benington	2,778	440	120	—	—			
Bicker	3,782	664	160	—	—			
Brothertoft	2,194	408	65	—	—	Wells, rain-water and R. Witham.	Some wells good, others fair; rain-water fair; Rivers—Witham, fairly good; Kyme, very good; South Forty Foot, of medium quality; ample, except in very dry weather.	
Butterwick	1,632	523	120	—	—	Wells and rain- water.		
Copping Syke	475	18	5	—	—	Wells, rain-water and R. Witham.		
Fishtoft	4,222	669	180	—	—	Wells and rain- water.		
Fosdyke	2,163	449	120	—	—			
Frampton	5,554	861	200	—	—	Wells, rain- water and River Kyme.		
Freiston	4,917	1,024	260	—	—			
Hart's Grounds	576	62	10	—	—	Wells, rain- water and River Kyme.		
Kirton	9,942	2,444	610	—	—			
Levertun	3,137	559	130	—	—	Wells and rain- water.		
Old Leake	5,923	1,340	410	—	—	Wells, R. Witham & rain-water.		
Pelham's Lands	1,225	99	40	—	—			
Skirbeck	2,813	4,036	880	550	Boston Waterworks Co.	Wells and rain-water.		
Skirbeck Quarter	1,016	1,201	234	200				
Sutterton	3,108	885	230	—		—		
Swineshead	7,192	1,902	450	—		—		
Wigtoft	3,717	726	175	—	—	Wells and rain-water.		
Wrangle	6,563	1,080	259	—	—			
Wyberton	3,917	653	150	—	—			
<b>Crowland R.D.:</b>								
Crowland	13,450	2,683	650	—	—	River Welland and rain-water.	Soft, potable, and gener- ally adequate.	



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Lincolnshire (Parts of Holland)—cont.</b>									
<b>East Elloe R.D. :</b>									
Central Wingland -	4,217	296	50	—	—	Wells & rain- water.	Fairly good.		
Fleet - - -	6,837	1,155	250	—	—				
Gedney - - -	11,673	1,834	370	—	—				
Gedney Hill -	1,865	347	88	—	—				
Little Sutton -	743	52	12	—	—				
Lutton - - -	3,799	657	115	—	—				
Sutton St. Edmunds	5,622	652	140	—	—				
Sutton St. James -	2,707	573	130	—	—				
Tydd St. Mary -	4,726	854	195	—	—	Wells & rain- water.	Doubtful and uncertain.		
Whapload - - -	10,688	2,270	540	—	—				
<b>Spalding R.D. :</b>									
Cowbit - - -	1,952	507	127	—	—			Wells & rain- water.	Doubtful and uncertain.
Deeping St. Nicholas	15,033	1,439	295	48	South Lincolnshire Fen Water Co. (in liquidation).				
Donington - - -	5,835	1,564	396	137	Donington Water Co. - - -				
Gosberton - - -	8,269	1,973	457	47	Do. - - -				
Moulton - - -	11,986	2,226	540	—	—				
Pinchbeck - - -	14,460	2,836	694	12	Spalding U.D.C. - - -				
Quadring - - -	4,148	814	192	22	Donington Water Co. - - -				
Surfleet - - -	4,149	1,010	249	—	—				
Weston - - -	5,566	817	195	—	—				
<b>LINCOLNSHIRE (PARTS OF KESTEVEN).</b>									
Bourne U.D. - -	10,103	4,343	1,047	467	Bourne Waterworks Co., Ltd.	Wells - - -	Satisfactory.		
Bracebridge U.D.	348	2,281	516	516	Lincoln T.C. - - - - -	—	—		
Grantham B. - -	1,723	20,070	4,466	4,086	Grantham Waterworks Co. -	Wells - - -	Satisfactory.		
Ruskington U.D.	3,957	1,214	298	273	Ruskington U.D.C. - - -	Do. - - -	Fairly good.		
Sleaford U.D. -	4,550	6,427	1,387	1,346	Sleaford Water Co., Ltd. -	Wells and R. Slea	Doubtful.		
Stamford B. - -	1,918	9,647	2,154	2,152	Marquess of Exeter - - -	Stream - - -			
<b>Bourne R.D. :</b>									
Aslackby - - -	4,078	400	88	—	—	Wells - - -	Fair.		
Aunby - - - - -	664	41	7	—	—	Springs, stream, well, and rain- water.			
Baston - - - -	2,514	589	135	—	—	Wells - - -	Bad, but fairly adequate.		
Billingborough -	2,374	964	265	—	—	Springs and wells	Springs good, wells bad ; ample.		
Birthorpe - - -	532	40	10	—	—	Well - - -	Good.		
Careby - - - -	1,501	133	28	—	—	Wells - - -	Good and fairly adequate.		
Carby - - - - -	1,433	141	29	—	—	Do. - - -	Good and moderate.		
Castle Bytham -	4,080	553	140	60	R. Heathcote, Esq. (part in bulk).	Do. - - -	Good and fairly adequate.		
Corby - - - - -	2,906	710	164	140	Bourne R.D.C. - - - -	Do. - - -	Wells good, stream doubt- ful ; fairly adequate.		
Counthorpe - -	1,155	50	12	10	Do. - - - - -	stream.	Doubtful, but adequate.		
Creeton - - - -	1,049	67	13	10	Do. - - - - -	Wells - - -	Fair and ample.		
Deeping St. James	4,293	1,544	380	—	—	Do. - - -	Good.		
Dowsby - - - -	1,905	205	40	—	—	Do. - - -	Good.		
Dunsby - - - -	2,671	280	52	35	Governors of Sutton's Hospital in Charterhouse.	Wells and rain- water.	Fair and fairly adequate.		
Edenham - - - -	7,030	465	115	—	—	Wells & spring -	Fair, but insufficient.		
Folkingham - -	1,940	479	118	—	—	Wells - - -	Doubtful, but fairly ade- quate.		
Hacconby - - -	2,596	96	19	—	—	Wells & stream	Good.		
Holywell - - -	1,272	96	19	—	—	Springs, wells, and stream.	Wells and stream doubt- ful ; fairly adequate.		
Horbling - - -	3,143	434	94	—	—	Wells - - -	Good.		
Irnham - - - -	3,809	271	60	31	Col. J. Wolrige-Gordon -	Wells and rain- water.	Fair.		
Kirkby Underwood	1,094	155	37	—	—	Wells - - -	Doubtful, but fairly ade- quate.		
Langtoft - - -	2,133	496	112	—	—	Wells - - -	Good.		
Laughton - - -	1,160	70	14	—	—	Wells & stream -	Fair.		
Little Bytham -	1,233	419	92	—	—	Wells - - -	Good and fairly adequate.		
Manthorpe - - -	978	93	18	—	—	Wells - - -	Good and fairly adequate.		
Market Deeping -	1,548	966	260	150	Market Deeping Water Supply	Wells - - -	Good and fairly adequate.		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.		
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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Lincolnshire (Parts of Kesteven)—cont.</b>								
<b>Bourne R.D.—cont.</b>								
Morton - - -	4,851	839	189	160	Bourne R.D.C. - - -	Wells and rain- water.	Wells good and abundant.	
Pointon - - -	1,851	378	82	—	—	Wells - - -	Shallow wells doubtful and poor.	
Rippingale - - -	3,544	469	103	—	—	Wells and rain- water.	Doubtful and poor.	
Sempringham - - -	1,949	115	21	—	—	Wells - - -	Shallow wells doubtful, but fairly adequate.	
Swayfield - - -	1,553	186	48	23	Governors of Browne's Hospital	Wells - - -	Good and fairly adequate.	
Swinstead - - -	1,789	299	70	20	Earl of Ancaster - - -			
Thurlby - - -	3,936	756	182	—	—	Wells and rain- water.	Shallow wells doubtful, but fairly adequate.	
Toft and Lound - - -	1,432	136	27	—	—	Wells & stream -	Good and fairly adequate.	
Witham on the Hill	2,167	223	45	—	—	Springs & wells		
<b>Branston R.D.:</b>								
Aubourn - - -	1,860	196	48	—	—	Wells - - -	See below.	
Boothby Graffoe - - -	2,086	178	45	45	Trustees of the late C. E. Marfleet.	—		
Boultham - - -	1,330	1,028	211	205	Lincoln T.C. - - -	Wells - - -	Wells, mostly shallow; water generally clear and palatable, but usually contains an excess of solids, Dunston Beck, fair and adequate; delphs, liable to pollution and sometimes scanty.	
Bracebridge Heath	1,179	1,523	69	20	Do. - - -			
Branston - - -	5,679	1,324	291	—	—	Wells - - -		
Canwick - - -	2,118	292	59	3	Lincoln T.C. - - -			
Coleby - - -	2,773	368	93	—	—	Wells - - -		
Doddington - - -	2,527	155	29	—	—			
Dunston - - -	3,372	577	118	95	Branston R.D.C. - - -	Dunston Beck -		
Eagle - - -	1,468	351	96	—	—	Wells - - -		
Eagle Hall - - -	1,156	55	12	—	—			
Haddington - - -	1,049	91	16	—	—	Wells - - -		
Harmston - - -	2,671	277	77	—	—			
Heighington - - -	2,962	647	162	—	—	Wells and delphs or dykes.		
Mere - - -	1,395	77	10	—	—			
Metheringham - - -	5,899	1,526	348	—	—	Wells - - -		
Morton - - -	498	22	2	—	—			
Navenby - - -	2,677	796	159	—	—	Wells - - -		
Nocton - - -	5,968	566	100	—	—			
North Hykeham - - -	1,979	1,406	345	45	Lincoln T.C. - - -	Wells - - -		
Potter Hanworth - - -	3,573	434	94	81	Branston R.D.C. - - -			
Skellingthorpe - - -	5,946	953	195	26	Lincoln T.C. - - -	Wells - - -		
Skinnand - - -	668	28	5	—	—			
South Hykeham - - -	1,201	86	20	—	—	Wells - - -		
Swinethorpe - - -	1,048	44	8	—	—			
Thorpe on the Hill	1,835	291	74	—	—	Wells - - -		
Waddington - - -	3,333	864	200	—	—			
Washingborough - - -	2,118	674	173	—	—	Wells - - -		
Whisby - - -	1,677	84	15	—	—			
<b>Claypole R.D.:</b>								
Allington - - -	2,066	214	60	—	—	Wells - - -	Good and plentiful.	
Barkston - - -	2,118	390	103	—	—	Wells and River Witham.		
Bassingham - - -	3,057	647	153	—	—	Do. do. - - -	Variable and scarce.	
Beckingham - - -	1,964	245	70	—	—	Do. do. - - -	Bad, very hard & scarce.	
Bennington Grange	281	11	3	—	—	Do. do. - - -	Good and adequate.	
Brant Broughton - - -	2,990	531	139	—	—	Wells - - -	Fairly good and plentiful.	
Carlton le Moorland	2,252	256	64	—	—			
Caythorpe - - -	4,272	867	226	—	—	Do. - - -	Good and plentiful.	
Claypole - - -	2,915	494	135	—	—	Wells and River Witham.	Bad and scarce.	
Dry Doddington - - -	1,603	124	37	—	—	Wells - - -	Fairly good and plentiful.	
Fenton - - -	1,231	52	18	—	—	Do. - - -	Good and plentiful.	
Foston - - -	2,068	248	75	—	—	Do. - - -	Fairly good and plentiful.	
Fulbeck - - -	3,733	611	161	15	W. V. R. Fane, Esq. - - -	Do. - - -	Very good and plentiful.	
Hougham - - -	2,477	230	50	—	—	Wells and River Witham.	Fairly good and plentiful.	
Long Bennington - - -	4,333	701	188	—	—	Do. do. - - -	Fairly good, but scarce.	
Marston - - -	2,470	265	61	—	—	Do. do. - - -	Fairly good and plentiful.	
North Scarle - - -	2,020	447	108	—	—	Wells - - -	Good and plentiful.	
Norton Disney - - -	2,341	163	43	—	—	Do. - - -	Fairly good and plentiful.	
Sedgebrook - - -	1,676	168	48	—	—	Do. - - -	Fair and plentiful.	
Stapleford - - -	2,725	191	38	38	Lord Middleton - - -	Wells - - -	Good and plentiful.	
Stragglethorpe - - -	729	74	18	—	—			
Stubton - - -	1,177	117	28	—	—	Do. - - -	Fair and plentiful.	
Swinderby - - -	2,192	484	106	—	—	Do. - - -	Fairly good and plentiful.	
Syston - - -	1,653	177	47	—	—	Wells & springs -	Good and plentiful.	
Thurlby - - -	1,847	110	27	—	—	Wells - - -	Very good and plentiful.	
Westborough - - -	2,070	151	40	—	—	Do. - - -	Fair and plentiful.	
<b>Grantham R.D.:</b>								
Ancaster - - -	2,869	536	139	139	Sleaford R.D.C. - - -	Wells - - -	Good and fairly adequate.	
Barrowby - - -	4,440	861	208	—	—			



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Lincolnshire</b> (Parts of Kesteven)— <i>cont.</i> <b>Grantham R.D.—</b> <i>cont.</i>							
Bassingthorpe -	1,811	116	28	—	—	Wells -	Good and plentiful.
Belton -	1,745	181	39	—	—	—	—
Bitchfield -	1,357	97	27	—	—	—	—
Boothby Pagnell -	1,817	109	29	29	Hou. Mrs. M. Gifford -	—	—
Braceby -	951	89	25	25	Sir C. G. E. Welby, Bart. -	—	—
Burton Coggles -	2,676	186	50	50	Sir M. A. R. Cholmeley, Bart. -	—	—
Carlton Scroop -	1,372	260	65	—	—	—	—
Colsterworth -	3,624	789	242	30	Earl Dysart and C. H. Turnor, Esq. -	Wells -	Good and plentiful.
Denton -	2,644	578	140	—	—	Do. -	Good and sufficient.
Easton -	1,784	169	39	39	Sir M. A. R. Cholmeley, Bart. -	—	—
Great Gonerby -	2,943	1,296	304	110	Grantham Water Co., Ltd. -	Wells -	—
Great Ponton -	2,744	426	89	—	—	Springs & wells	—
Gunby -	1,008	123	31	—	—	—	—
Haceby -	733	60	16	—	—	—	Good and plentiful.
Harlaston -	2,683	401	94	—	—	Wells -	—
Harrowby Without -	1,323	73	13	—	—	—	—
Haydour -	2,892	320	73	—	—	—	—
Honington -	1,486	182	39	20	E. S. Trafford, Esq. -	Do. -	Fair and plentiful.
Hough on the Hill -	4,028	496	119	6	Earl Brownlow -	Springs & wells	—
Humby -	1,494	110	32	—	—	—	—
Ingoldsby -	2,367	262	70	—	—	Wells -	Good and plentiful.
Keisby -	1,272	83	15	—	—	—	—
Lenton -	1,880	118	29	—	—	—	—
Little Ponton -	1,987	189	47	3	C. H. Turnor, Esq. -	Do. -	Good.
Londonthorpe -	1,722	181	43	18	Earl Brownlow -	Do. -	Good and plentiful.
Manthorpe -	786	177	49	—	—	—	—
Normanton -	1,509	165	35	35	Earl Brownlow -	—	—
North Stoke -	1,874	146	26	—	—	Springs -	—
North Witham -	2,437	126	38	—	—	—	—
Old Somerby -	2,050	198	43	—	—	—	—
Osgodby -	1,113	38	9	—	—	Wells -	Good and plentiful.
Pickworth -	1,474	185	47	—	—	—	—
Ropsley -	3,061	510	150	140	Ropsley P.C. -	Do. -	Good & fairly adequate.
Sapperton -	679	41	11	—	—	—	—
Skillington -	2,240	321	84	84	Skillington P.C. -	—	—
South Stoke -	1,429	120	38	—	—	Springs -	—
South Witham -	1,764	410	110	—	—	—	—
Spittlegate Without -	1,790	205	44	35	Grantham Water Co., Ltd. -	Wells -	Good and plentiful.
Stainby -	1,459	134	33	—	—	—	—
Stroxtan -	993	90	24	—	—	Springs -	—
Welby -	2,817	386	87	87	Welby P.C. -	—	—
Woolthorpe -	1,949	568	137	—	—	Springs & wells	Good and plentiful.
Wyville with Hungerton.	1,635	146	28	—	—	Wells -	—
<b>Sleaford R.D.:</b>							
Anwick -	2,016	255	71	59	Sleaford R.D.C. -	Wells and River Slea. -	Doubtful.
Asgarby -	726	59	14	—	—	Wells -	—
Ashby de la Launde -	2,689	192	55	—	—	Do. -	Some doubtful; mode-
Aswarby -	1,625	108	32	—	—	Do. -	rate.
Aunsby -	1,269	123	26	—	—	Do. -	Doubtful and moderate.
Billingham -	3,671	1,288	367	295	Sleaford R.D.C. -	Wells and River Witham. -	Doubtful.
Blankney -	6,781	617	166	—	—	(a) Wells, (b) Deep bore. -	(a) Bad, (b) Good.
Bloxholm -	1,415	100	27	—	—	Wells -	Doubtful.
Brauncewell -	2,682	145	37	—	—	—	—
Burton Pedwardine -	1,898	135	46	46	Sleaford R.D.C. -	—	—
Byard's Leap -	258	18	5	—	—	—	—
Cranwell -	2,535	184	39	—	—	—	—
Culverthorpe -	899	74	21	—	—	Wells -	—
Dembleby -	1,101	73	15	—	—	—	—
Digby -	2,494	341	103	81	Sleaford R.D.C. -	Wells and River Witham. -	Doubtful.
Dogdyke -	813	174	24	—	—	Wells -	—
Dorrington -	1,978	360	107	84	—	—	—
Evedon -	1,651	78	23	19	—	—	—
Ewerby -	2,923	357	106	81	Sleaford R.D.C. -	Wells & River Witham. -	—
Great Hale -	3,696	530	162	128	—	—	—
Haverholme Priory -	312	19	8	6	—	—	—
Hockington -	5,302	1,666	458	361	—	—	—
Helpingham -	3,410	732	221	—	—	Wells -	Bad and scarce.
Howell -	1,583	83	26	—	—	Do. -	Doubtful.
Kelby -	1,054	77	19	—	—	—	—
Kirkby Green -	446	117	30	30	Sleaford R.D.C. -	—	—
Kirkby la Thorpe -	2,578	229	67	—	—	Wells -	Doubtful.
Leadenham -	3,628	537	165	132	Sleaford R.D.C. -	Wells & River Witham. -	Do.
Leasingham -	2,082	319	89	72	—	—	—
Little Hale -	2,488	282	76	—	—	Wells -	Bad and scarce.
Martin -	3,777	719	206	176	Sleaford R.D.C. -	Wells and River Witham. -	Doubtful.
Newton -	1,361	153	43	—	—	Wells -	—
North Kyme -	3,868	549	165	130	—	—	—
North Rauceby -	3,211	251	72	58	Sleaford R.D.C. -	Wells & River Witham. -	—
Osbourneby -	1,471	387	112	91	—	—	—



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<b>Lincolnshire</b> (Parts of Kesteven)— <i>cont.</i> <b>Sleaford R.D.</b> — <i>cont.</i>								
Rowston - - -	1,879	164	7	—	—	Wells - - -	Some doubtful, others good. Doubtful.	
Roxholm - - -	935	126	34	—	—	Do. - - -		
Scopwick - - -	3,537	351	91	91	Sleaford R.D.C. - - -	—	—	
Scott Willoughby - -	578	35	9	—	—	Wells - - -	} Doubtful.	
Seredington - - -	2,634	322	81	63	Sleaford R.D.C. - - -	Well and River Witham.		
Silk Willoughby - -	2,590	231	65	—	—	Wells - - -		
South Kyme - - -	4,892	444	120	99	Sleaford R.D.C. - - -	Wells & River Witham.		
South Rauceby - - -	2,608	432	113	92				
Spanby - - -	1,041	104	24	—	—	Wells - - -		
Swarby - - -	997	127	43	—	—	Do. - - -		
Swaton - - -	3,274	251	72	55	Sleaford R.D.C. - - -	Wells and River Witham.		
Temple Bruer with Temple High Grange.	3,785	208	45	—	—	Wells - - -		
Thorpe Tilney - - -	1,929	126	28	21	Sleaford R.D.C. - - -	Wells and River Witham.		
Threackingham - - -	1,540	144	45	—	—	Wells - - -	} Doubtful.	
Timberland - - -	2,760	456	125	98	Sleaford R.D.C. - - -	Wells & River Witham.		
Walcot (near Bil- linghay).	3,339	484	135	106				
Walcot (near Fal- kingham).	1,773	145	23	—	—	Wells - - -		
Welbourn - - -	3,305	556	169	—	—	Do. - - -		
Wellington - - -	3,208	584	169	135	Sleaford R.D.C. - - -	Wells & River Witham.		
Wilsford - - -	3,007	648	186	147				
<b>Uffington R.D.</b> :								
Barholm - - -	1,104	151	40	—	—	} Wells - - -		Good and ample.
Braceborough - - -	1,767	169	40	—	—			
Greatford - - -	1,447	188	43	—	—			
Stowe - - -	419	25	4	—	—			
Tallington - - -	1,791	210	56	—	—			
Uffington - - -	4,165	419	100	44	Uffington R.D.C. - - -			
West Deeping - - -	1,296	302	68	—	—			
Wilsthorpe - - -	909	80	17	—	—			
<b>LINCOLNSHIRE</b> (PARTS OF LINDSEY).								
Alford U.D. - - -	1,138	2,394	658	30	North East Lincolnshire Water Co.	Wells - - -	Some good, but many liable to pollution; adequate.	
Barton upon Hum- ber U.D.	6,343	6,673	1,533	600	Do. do. - - -	Do. - - -	Satisfactory.	
Brigg U.D. - - -	462	3,343	752	454	Earl of Yarborough - - - W. Bramley, Esq. - - - Glamford Briggs Water- works (G. H. Cary Elwes, Esq.).	Do. - - - Springs - - -	Satisfactory and plentiful. Satisfactory, but not always adequate.	
Broughton U.D. - -	7,073	1,381	322	—	—	Wells & springs	Generally satisfactory.	
Brumby and Fro- dingham U.D.	4,043	2,931	584	548	Brumby & Frodingham U.D.C.	Wells and rain- water.	Fair.	
Cleethorpes with Thruscoe U.D.	1,185	21,417	4,917	4,907	Great Grimsby Waterworks Co., Ltd.	Wells - - -	Satisfactory and ample.	
Crowle U.D. - - -	6,926	2,853	705	—	—	Wells & rainwater	Good and sufficient.	
Gainsborough U.D.	2,406	20,587	4,516	4,479	Gainsborough U.D.C. - - -	(a) Wells & (b) River Trent.	(a) Fairly good, (b) re- quires boiling; adequate.	
Grimsby C.B. - - -	2,868	71,659	15,729	15,563	Great Grimsby, &c., Co., Ltd.	Wells & springs	Excellent.	
Horncastle U.D. - -	1,121	3,900	1,010	955	Horncastle Water Co. - - -	Wells - - -	Fair and adequate.	
Lincoln C.B. - - -	3,755	57,285	13,024	13,024	Lincoln T.C. - - -	—	—	
Louth B. - - -	2,749	9,880	2,626	1,450	Louth Water Co. - - -	Wells - - -	Good and sufficient.	
Mablethorpe U.D.	3,168	1,232	320	—	—	Do. - - -	Potable and satisfactory.	
Market Rasen U.D.	976	2,296	596	578	Market Rasen Water Co. - -	Do. - - -	Fairly good.	
Roxby cum Risby U.D.	4,908	378	82	38	Scunthorpe U.D.C. - - -	Do. - - -	Satisfactory.	
Scunthorpe U.D. - -	1,032	10,170	2,015	1,274	Scunthorpe U.D.C. - - -	Do. - - -	Fairly satisfactory & ade- quate.]	
Skegness U.D. - - -	1,922	3,775	802	789	Skegness U.D.C. - - -	Do. - - -	Satisfactory.	
Winterton U.D. - -	3,818	1,426	366	185	Scunthorpe U.D.C. (bulk) - -	Do. - - -	Good, but generally in- adequate.	
Woodhall Spa U.D.	1,874	1,484	332	283	Woodhall Spa Gas & Water Co.	Wells & springs	Part satisfactory; part very indifferent.	
<b>Caistor R.D.</b> :								
Atterby - - -	1,051	115	18	—	—	Wells - - -	Fair and sufficient.	
Bigby - - -	3,500	235	52	—	—	Do. - - -	Moderate and sufficient.	
Bishop Norton - - -	2,449	300	68	—	—	Do. - - -	Good and sufficient.	
Brocklesby - - -	3,939	225	55	40	Earl of Yarborough - - -	Wells and springs	Moderate and sufficient.	
Buslingthorpe - - -	1,407	88	16	—	—			
Cabourne - - -	2,927	170	29	—	—	Wells - - -	Good, but very inadequate.	
Caistor - - -	3,304	1,544	336	237	Earl of Yarborough - - - Caistor R.D.C. - - -	Do. - - -	Very variable, but suffi- cient.	
Claxby - - -	1,728	202	50	28	Earl of Yarborough - - -	Do. - - -	Fair and sufficient.	
Clixby - - -	1,261	32	6	—	—	Do. - - -	Fair, but insufficient.	
Croxby - - -	1,640	110	19	—	—	Do. - - -	Moderate, but insufficient.	
Cuxwold - - -	1,590	79	17	—	—	Do. - - -	Fair and sufficient.	
East Torrington - -	1,527	115	21	—	—	Do. - - -	Fair and sufficient.	
Glenham - - -	2,811	851	82	—	—	Do. - - -	Moderate and sufficient.	
Grasby - - -	1,089	373	91	—	—	Do. - - -	Fair and sufficient, some distant from houses.	
Great Limber - - -	5,228	483	105	90	Earl of Yarborough - - -	Do. - - -	—	



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Lincolnshire</b> (Parts of Lindsey)— <i>cont.</i>							
<b>Caistor R.D.—<i>cont.</i></b>							
Holton le Moor	1,892	175	42	30	Rev. T. G. Dixon	Wells	Moderate and sufficient
Keelby	1,860	667	185	—	—	Do.	Good and sufficient.
Kingerby	1,455	65	17	—	—	Do.	Moderate and sufficient
Kirkby cum Osgodby.	1,761	337	88	—	—	Do.	Bad, but sufficient.
Kirmond le Mire	1,120	100	17	—	—	Do.	Good and sufficient.
Legsby	2,222	240	58	—	—	Do.	Fair and sufficient.
Linwood	2,371	160	37	—	—	Do.	Bad, but sufficient.
Lissington	1,533	199	47	—	—	Do.	—
Middle Rasen	3,622	711	200	—	—	Do.	—
Nettleton	3,602	410	98	50	Rev. T. G. Dixon Caistor R.D.C.	Do.	Moderate and sufficient
Newton by Toft	1,009	68	14	—	—	Do.	Fair, but insufficient.
Normanby le Wold	1,981	106	24	10	Earl of Yarborough	Do.	Variable and sufficient.
North Kelsey	6,227	819	190	—	—	Do.	Fair and sufficient.
North Owersby	3,443	283	62	—	—	Wells and springs	Good and sufficient.
North Willingham	2,332	194	44	—	—	Wells	—
Ribby	2,803	268	59	—	—	Well and stream	Moderate, but insuffic
Rothwell	2,872	188	40	12	Earl of Yarborough	Do.	Good and sufficient.
Scarby cum Owmbly	2,459	189	43	—	—	Wells	Good and sufficient.
Sixhills	1,968	120	30	—	—	Do.	Moderate, but insuffic
Snitterby	1,737	210	53	—	—	Do.	Good and sufficient.
Somerby	989	90	17	9	F. Chatterton, Esq.	Do.	Fair and sufficient.
South Kelsey	4,198	487	125	30	Caistor R.D.C.	Do.	Moderate and sufficient
South Owersby	1,446	105	20	—	—	Do.	Fair, but insufficient.
Stainton le Vale	3,032	171	33	—	—	Do.	Moderate, but inadequa
Swallow	2,650	203	39	9	Earl of Yarborough	Do.	Good and sufficient.
Swinhope	1,323	84	18	—	—	Do.	Variable and insufficien
Tealby	3,318	488	150	23	Market Rasen Water Co.	Do.	Fair and sufficient.
Thoresway	2,845	190	42	17	Canon Jarratt's Trustees	Do.	Good and sufficient.
Thorganby	1,569	152	27	8	J. Bingham's Trustees	Do.	Bad, but sufficient.
Thornton le Moor	1,533	96	18	—	—	Do.	Moderate and sufficient
Toft next Newton	1,305	70	11	—	—	Do.	Generally bad, but s
Usselby	853	52	9	—	—	Do.	—
Waddingham	3,752	561	140	—	—	Do.	Moderate and sufficient
Walesby	3,695	292	65	—	—	Do.	Moderate, but insuffic
West Rasen	3,180	174	44	—	—	Do.	—
<b>Gainsborough</b> R.D. :							
Blyborough	2,446	178	46	—	—	Wells	—
Blyton	4,705	822	189	—	—	—	—
Brampton	952	72	19	—	—	—	—
Coates	1,034	37	7	—	—	—	—
Corringham	6,366	597	122	—	—	—	—
East Ferry	489	140	33	—	—	—	—
East Stockwith	488	375	97	—	—	—	—
Fenton	1,206	253	58	—	—	—	—
Fillingham	3,596	232	56	—	—	—	—
Gate Burton	1,114	96	20	—	—	—	—
Glentworth	3,128	278	67	—	—	—	—
Grayingham	1,726	165	30	—	—	—	—
Greenhill and Red- hill.	412	10	2	—	—	—	—
Hardwick	978	81	21	—	—	—	—
Harpwell	2,165	127	20	—	—	—	—
Haxey	8,587	2,035	531	—	—	Wells	—
Heapham	1,238	132	32	—	—	—	—
Hemswell	2,663	310	77	—	—	—	—
Kettlethorpe	2,164	174	49	—	—	—	—
Kexby	1,577	325	81	—	—	—	—
Knaith	1,369	139	30	—	—	—	—
Laughton	3,686	254	58	—	—	—	—
Lea	1,968	184	38	—	—	—	—
Marton	1,277	426	10	—	—	—	—
Morton	849	1,043	4	179	Gainsborough U.D.C.	Wells and rain- water.	Satisfactory.
Newton upon Trent	1,575	269	65	—	—	Wells	—
Northorpe	1,837	169	41	—	—	—	—
Owston	5,126	1,159	307	—	—	Rain-water	—
Pilham	665	64	15	—	—	Wells	—
Scotter	5,361	1,083	255	—	—	Wells and rain- water.	—
Scotton	1,849	212	54	—	—	—	—
Southorpe	467	41	6	—	—	—	—
Springthorpe	1,186	161	38	—	—	—	—
Stow	2,786	309	76	—	—	—	—
Sturton	2,104	586	154	—	—	Wells	—
Thornock	1,041	82	16	—	—	—	—
Torksey	1,489	183	40	—	—	—	—
Upton	2,062	201	48	—	—	—	—
Walkerith	275	80	18	—	—	—	—
West Butterwick	2,395	623	159	—	—	Rain-water	—
Wildsworth	1,039	113	22	—	—	—	—
Willingham	2,307	465	111	—	—	—	—
Willoughton	2,799	433	111	—	—	Wells	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Lincolnshire (Parts of Lindsey)—cont.</b>							
<b>Glanford Brigg R.D.:</b>							
Alkborough - - -	3,006	418	96	—	—	Wells - - -	Good, but distant from houses.
Appleby - - -	5,693	609	119	—	—	Wells and springs - - -	Fair.
Ashby - - -	2,235	3,237	712	—	—	Wells - - -	—
Barnetby le Wold - - -	2,584	1,552	354	—	—	Wells and springs - - -	—
Barrow upon Humber. - - -	5,067	2,734	795	—	—	Wells - - -	Good and adequate.
Bonby - - -	2,467	322	87	24	Glanford Brigg R.D.C.	Wells - - -	—
Bottesford - - -	1,778	308	65	—	—	Do. - - -	Fair
Burringham - - -	1,555	581	133	—	—	(a) Wells; (b) River Trent. - - -	(a) Fairly good; (b) doubtful; sufficient.
Barton upon Stather - - -	3,510	914	220	—	—	Wells - - -	Very good and sufficient.
Cadney cum Howsham. - - -	4,548	452	112	—	—	Do. - - -	Good & adequate at Cadney; fair at Howsham.
Cleatham - - -	1,094	120	23	—	—	Do. - - -	Good and adequate.
Crosby - - -	3,181	3,339	709	117	Scunthorpe U.D.C. (bulk) - - -	Do. - - -	Fairly good.
Croxton - - -	1,517	119	24	—	—	Do. - - -	Good, but inadequate.
East Butterwick - - -	1,034	313	67	—	—	R. Trent, rain-water & wells. - - -	Doubtful, and pure water inadequate.
East Halton - - -	3,326	567	146	—	—	—	—
Elsham - - -	4,154	424	99	—	—	—	—
Flixborough - - -	2,652	239	40	—	—	Wells - - -	Good and adequate.
Goxhill - - -	5,728	1,181	321	—	—	—	—
Gunness - - -	509	92	18	—	—	Do. - - -	Good and fairly sufficient.
Hibaldstow - - -	4,557	834	204	—	—	Do. - - -	Good and adequate.
Holme - - -	1,077	61	17	—	—	Spring - - -	Good and plentiful.
Horkstow - - -	2,138	207	46	17	Glanford Brigg R.D.C. - - -	Wells - - -	Good and adequate.
Kirmington - - -	1,904	377	102	—	—	Do. - - -	Good and fairly sufficient.
Kirton in Lindsey - - -	4,690	1,602	450	49	Glanford Brigg R.D.C. - - -	Do. - - -	—
Manton - - -	2,176	122	25	—	—	Springs - - -	Good and adequate.
Melton Ross - - -	1,812	175	34	29	Glanford Brigg R.D.C. - - -	Wells - - -	—
Messingham - - -	5,828	1,141	256	—	—	Do. - - -	Fair.
Newstead - - -	477	47	8	—	—	Do. - - -	Good, but inadequate.
North Killingholme - - -	2,799	211	38	—	—	Do. - - -	Good and adequate.
Raventhorpe - - -	641	23	5	—	—	Spring - - -	—
Redbourne - - -	3,973	347	80	—	—	Wells and spring - - -	Good, but inadequate.
Saxby All Saints - - -	2,406	274	66	33	Glanford Brigg R.D.C. - - -	—	—
Scawby - - -	3,350	989	240	—	—	—	—
South Ferriby - - -	1,598	725	184	145	Glanford Brigg R.D.C. - - -	Wells - - -	Good and adequate.
South Killingholme - - -	2,820	1,021	215	—	—	—	—
Thornton Curtis - - -	4,934	452	107	—	—	Do. - - -	Good, but inadequate.
Twiggmoor - - -	1,244	56	9	—	—	Spring - - -	Good and adequate.
Ulceby - - -	3,604	947	245	—	—	Wells - - -	Good, but inadequate.
West Halton - - -	1,979	303	67	—	—	Do. - - -	Good and fairly sufficient.
Whitton - - -	1,375	167	44	—	—	Do. - - -	Good.
Winteringham - - -	3,471	606	163	—	—	Wells and spring - - -	Satisfactory.
Wootton - - -	3,067	463	119	—	—	Wells - - -	Good, but inadequate.
Worlaby - - -	3,349	477	126	18	Glanford Brigg R.D.C. - - -	Do. - - -	Good and adequate.
Wrawby - - -	3,036	747	185	—	—	—	—
<b>Grimsby R.D.:</b>							
Ashby cum Fenby - - -	1,696	188	40	—	—	Wells - - -	—
Aylesby - - -	2,134	128	24	—	—	—	—
Barnoldby le Beck - - -	1,305	134	30	—	—	Do. - - -	Good.
Beelsby - - -	2,248	155	36	—	—	—	—
Bradley - - -	1,554	78	19	—	—	—	—
Brigsley - - -	925	123	26	—	—	Wells and springs - - -	—
East Ravendale - - -	817	93	20	20	R. J. H. Parkinson, Esq. - - -	—	—
Great Cotes - - -	2,687	364	86	17	G. Grimsby Waterworks Co. Ltd. - - -	Wells - - -	Good.
Habrough - - -	1,622	396	96	—	—	—	—
Hatcliffe - - -	1,395	151	30	—	—	Wells and springs - - -	Fair and adequate.
Hawerby cum Beesby. - - -	1,202	76	15	—	—	Wells - - -	Good and adequate.
Healing - - -	1,336	514	128	30	G. Grimsby Waterworks Co. Ltd. - - -	Do. - - -	Good.
Humberston - - -	2,965	388	77	—	—	Do. - - -	Good and adequate.
Immingham - - -	4,125	2,681	560	501	G. Grimsby Waterworks Co. Ltd. - - -	Do. - - -	Good.
Irby - - -	1,828	164	32	—	—	Do. - - -	Good and adequate.
Laceby - - -	2,122	1,027	277	—	—	—	—
Little Coates - - -	1,049	1,866	427	401	Great Grimsby Waterworks Co. Ltd. - - -	Do. - - -	Good.
Scartho - - -	1,252	474	106	58	—	—	—
Stallingborough - - -	4,517	469	100	—	—	—	—
Waltham - - -	2,196	821	210	—	—	Do. - - -	Fairly good.
Weelsby - - -	1,459	131	24	4	G. Grimsby Waterworks Co. Ltd. - - -	Do. - - -	Good.
West Ravendale - - -	771	64	12	—	—	—	—
Wold Newton - - -	1,996	144	29	29	W. M. Wright, Esq. - - -	—	—
<b>Horncastle R.D.:</b>							
Asgarby - - -	792	77	14	—	—	—	—
Ashby Puerorum - - -	1,631	127	26	—	—	—	—
Asterby - - -	1,103	137	39	—	—	—	—
Bag Enderby - - -	627	43	9	—	—	—	—
Baumber - - -	3,361	354	78	—	—	Wells & streams - - -	Generally good and fairly adequate.
Belchford - - -	2,542	323	101	—	—	—	—
Benniworth - - -	3,024	320	74	—	—	—	—
Bucknall - - -	2,543	269	63	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Lincolnshire</b> (Parts of Lindsey)— <i>cont.</i>							
<b>Horncastle R.D.—</b> <i>cont.</i>							
Cawke -	687	43	9	—	—		
Claxby Pluckacre -	861	59	12	—	—		
Coningsby -	3,645	1,084	283	—	—		
Dalderby -	448	42	6	—	—		
East Barkwith -	1,325	308	71	—	—		
Edlington -	2,739	162	39	—	—		
Fulletby -	1,867	163	39	—	—		
Gautby -	1,457	97	23	—	—		
Goulceby -	1,178	167	43	—	—		
Great Sturton -	1,588	101	26	—	—		
Greetham -	1,280	154	32	11	— Morrison, Esq. -		
Hagworthingham -	2,403	350	103	—	—		
Halham -	1,234	112	30	—	—		
Hameringham -	1,238	111	29	—	—		
Hatton -	1,847	166	35	—	—		
Hemingby -	2,306	321	82	14	Horncastle Water Co. -		
High Toynton -	932	125	31	—	—		
Horsington -	1,992	224	62	—	—		
Kirkby on Bain -	1,808	257	65	—	—		
Kirkstead -	1,446	117	24	—	—		
Langton -	695	75	17	—	—		
Langton by Wragby -	2,399	188	41	—	—		
Low Toynton -	1,001	75	13	—	—		
Lusby -	900	91	20	—	—	Wells & streams	Generally good and fairly adequate.
Mareham le Fen -	2,286	661	173	—	—		
Mareham on the Hill -	1,298	144	32	—	—		
Market Stainton -	1,204	104	20	—	—		
Martin -	758	55	12	—	—		
Miningsby -	1,109	77	17	—	—		
Minting -	2,598	262	64	—	—		
Moorby -	786	85	18	—	—		
Panton -	2,018	124	28	—	—		
Ranby -	1,291	135	28	20	Sir W. H. C. W. Cooke, Bart.		
Revesby -	4,462	448	110	12	Boston Waterworks Co. -		
Roughton -	1,056	118	29	—	—		
Salmonby -	1,001	71	17	—	—		
Scamblesby -	2,002	245	65	—	—		
Scarfield -	692	35	8	—	—		
Scrivelsby -	2,132	145	29	—	—		
Somersby -	611	47	9	—	—		
Sotby -	1,646	111	25	—	—		
Stixwold -	2,421	170	41	—	—		
Tattershall -	1,684	415	113	—	—		
Tattershall Thorpe -	2,936	222	50	—	—		
Tetford -	1,818	374	112	—	—		
Thimbleby -	1,387	195	63	—	—	Wells	Good.
Thornton -	1,213	83	16	—	—		
Tumby -	3,988	295	61	—	—		
Tupholme -	1,797	72	13	—	—		
Waddingworth -	941	59	11	—	—	Wells & streams	Generally good and fairly adequate.
West Ashby -	2,459	308	92	35	Horncastle Water Co. -		
West Barkwith -	904	110	22	—	—		
West Torrington -	1,151	125	35	—	—	Wells	Good.
Wildmore -	4,307	633	146	—	—		
Wilksby -	550	47	8	—	—		
Winceby -	853	43	10	—	—		
Wislington -	1,209	95	18	—	—	Wells & streams	Generally good and fairly adequate.
Wood Enderby -	815	106	28	—	—		
Woodhall -	2,241	187	40	—	—		
Wragby -	1,580	454	113	81	C. H. Turnor, Esq. -		
<b>Isle of Axholme</b> <b>R.D.:</b>							
Althorpe -	1,352	643	139	—	—		
Amcotts -	2,109	278	65	—	—		
Belton -	8,308	1,531	381	—	—		
Eastoft -	1,313	439	113	—	—		
Epworth -	6,152	1,836	483	—	—	Rain-water	Satisfactory.
Garthorpe -	2,185	473	120	—	—		
Keadby -	1,591	709	167	—	—		
Luddington -	1,674	527	117	—	—		
Wroot -	3,386	379	90	—	—		
<b>Louth R.D.:</b>							
Aby with Greenfield -	1,493	253	73	—	—		
Alvingham -	1,794	260	60	—	—		
Authorpe -	941	130	34	—	—		
Beesby in the Marsh -	1,200	126	28	—	—		
Belleau -	704	60	12	—	—	Wells	Good and adequate.
Binbrook -	5,391	874	260	—	—		
Biscathorpe -	861	50	10	—	—		
Brackenborough -	736	77	14	—	—		
Burgh on Bain -	1,597	176	42	—	—		
Burwell -	2,044	163	32	—	—	Spring & wells	



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Lincolnshire</b> <b>(Parts of</b> <b>Lindsey)—cont.</b>							
<b>Louth R.D.—cont.</b>							
Calcethorpe - -	1,103	107	16	—	—	Wells	
Castle Carlton - -	471	29	6	—	—		
Claythorpe - -	761	63	12	—	—		
Conisholme - -	1,240	126	28	—	—		
Covenham, St. Bar- tholomew.	1,309	188	51	—	—		
Covenham, St. Mary	974	77	28	—	—		
Donington on Bain	1,801	325	104	—	—		
East Wykeham - -	534	34	6	—	—		
Farforth cum Maid- enwell.	1,970	107	23	—	—		
Fotherby - -	1,342	209	72	—	—		
Fulstow - -	2,844	456	110	—	—	Do. & River Lud	Good and adequate.
Gayton le Marsh - -	2,279	224	54	—	—		
Gayton le Wold - -	1,161	120	24	—	—		
Grainsby - -	1,168	116	25	—	—		
Grainthorpe - -	4,387	616	173	—	—		
Great Carlton - -	2,402	212	57	—	—		
Grimblethorpe - -	632	23	2	—	—		
Grimoldby - -	1,854	280	78	—	—		
Hainton - -	2,324	283	60	—	—		
Hallington - -	1,511	85	21	—	—		
Hannah cum Hag- naby.	974	87	19	—	—	Wells	
Haugh - -	585	46	7	—	—		
Haugham - -	1,908	114	25	—	—		
Holton le Clay - -	1,516	276	71	—	—		
Keddington - -	1,045	104	29	—	—		
Kelstern - -	2,626	188	36	—	—		
Legbourne - -	2,365	357	106	—	—		
Little Carlton - -	948	122	38	—	—		
Little Cawthorpe - -	471	141	49	—	—		
Little Grimsby - -	823	46	12	—	—		
Louth Park - -	841	92	27	—	—	Wells	
Ludborough - -	2,164	233	60	—	—		
Ludford Magna - -	2,712	246	69	—	—		
Ludford Parva - -	1,076	299	78	—	—		
Maltby le Marsh - -	1,409	230	66	—	—		
Manby - -	1,281	150	34	—	—		
Marsh Chapel - -	3,182	551	145	—	—		
Muckton - -	1,082	103	25	—	—		
North Coates - -	2,231	233	73	—	—		
North Cockerington - -	1,750	215	49	—	—		
North Elkington - -	1,001	68	10	10	W. G. Smyth, Esq.	Wells	
North Ormsby - -	1,716	120	32	—	—		
North Reston - -	793	47	9	—	—		
North Somercotes - -	6,345	1,031	285	—	—		
North Thoresby - -	2,571	595	172	—	—		
Oxcombe - -	1,015	60	10	—	—		
Raithby cum Malt- by.	1,963	150	34	14	G. Milnthorpe, Esq.		
Ruckland - -	734	36	7	—	—		
Saleby with Tho- resthorpe.	1,789	176	42	—	—		
Saltfleetby All Saints.	1,211	130	36	—	—	Wells	Good and adequate.
Saltfleetby, St. Cle- ment.	1,466	79	21	—	—		
Saltfleetby, St. Peter.	2,254	275	85	—	—		
Skidbrooke with Saltfleet Haven.	2,901	325	97	—	—		
South Cockerington - -	2,167	203	53	—	—		
South Elkington - -	3,085	351	61	61	W. G. Smyth, Esq.		
South Reston - -	803	166	50	—	—		
South Somercotes - -	2,642	314	94	—	—		
South Thoresby - -	952	115	25	—	—		
South Willingham - -	2,043	252	62	—	—		
Stenigot - -	1,330	96	27	16	Col. Fenwick	Springs & wells	
Stewton - -	1,030	106	24	—	—		
Strubby with Wood- thorpe.	2,081	201	56	—	—		
Swaby - -	1,556	274	81	—	—		
Tathwell - -	4,356	343	75	—	—		
Tetney - -	5,420	717	211	—	—		
Theddlethorpe, All Saints.	2,053	210	62	—	—		
Theddlethorpe, St. Helen.	2,302	281	89	—	—		
Tothill - -	891	44	11	—	—		
Trusthorpe - -	1,498	342	94	—	—		
Utterby - -	1,577	218	54	—	—	Springs & wells	Good and adequate.
Waithe - -	751	67	13	—	—		
Walmsgate - -	827	66	16	—	—		
Welton le Wold - -	2,690	222	55	—	—		
Withcall - -	2,544	208	44	—	—	Wells	



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<b>Lincolnshire (Parts of Lindsey)—cont.</b>									
<b>Louth R.D.—cont.</b>									
Withern with Stain	2,750	407	101	—	—	Wells	Good and adequate.		
Worlaby	875	53	10	—	—				
Wyham cum Cadeby	1,498	94	23	—	—				
Yarburgh	1,330	161	43	—	—				
<b>Sibsey R.D.:</b>									
Carrington	3,587	509	100	100	Boston Waterworks Co.	Rain-water	Generally good and adequate.		
Frithville	4,191	647	141	81	Do.				
Langrville	3,391	398	80	—	—				
Sibsey	6,688	1,004	230	6	Boston Waterworks Co.				
Thornton le Fen	1,666	296	60	—	—	Wells	Good and adequate.		
Westville	2,042	131	20	—	—				
<b>Spilsby R.D.:</b>									
Addlethorpe	2,293	213	56	—	—				
Anderby	1,443	203	52	—	—	Wells	Good and adequate.		
Ashby by Partney	1,026	110	24	—	—				
Awardby	744	85	20	—	—				
Bilsby	2,901	377	100	—	—				
Bolingbroke	1,031	367	99	—	—	Wells	Good and adequate.		
Bratoft	1,833	178	45	—	—				
Brinkhill	873	118	26	—	—				
Burgh le Marsh	4,399	937	240	7	Skegness U.D.C.				
Calceby	634	48	10	—	—	Wells	Good and adequate.		
Candlesby	1,061	177	44	—	—				
Chapel St. Leonards	1,440	261	72	—	—				
Claxby	1,087	85	21	—	—				
Croft	5,662	670	154	—	—	Wells	Good and adequate.		
Cumberworth	1,274	172	50	—	—				
Dalby	1,356	116	27	—	—				
Driby	1,370	75	20	—	—				
East Keal	1,934	296	73	—	—	Wells	Good and adequate.		
East Kirkby	2,050	298	67	—	—				
Eastville	2,749	290	61	—	—				
Farlesthorpe	1,077	90	20	—	—				
Firsby	1,107	227	57	—	—	Wells	Good and adequate.		
Friskney	7,509	1,373	319	—	—				
Great Steeping	1,746	225	54	—	—				
Gunby	675	77	16	—	—				
Hagnaby	837	75	15	—	—	Wells	Good and adequate.		
Halton Holegate	2,106	388	106	—	—				
Hareby	763	44	10	—	—				
Harrington	1,069	94	19	—	—				
Hogsthorpe	3,300	590	157	—	—	Wells	Good and adequate.		
Hundleby	1,027	498	113	11	North East Lincolnshire Water Co.				
Huttoft	3,452	468	128	—	—				
Ingoldmells	1,252	208	50	—	—				
Irby in the Marsh	770	139	37	—	—	Wells	Good and adequate.		
Langton by Spilsby	1,368	168	34	—	—				
Little Steeping	1,090	185	59	—	—				
Markby	648	88	19	—	—				
Mavis Enderby	1,167	101	24	—	—	Wells	Good and adequate.		
Midville	2,619	205	36	—	—				
Mumby	1,852	285	78	—	—				
New Leake	3,537	489	109	—	—				
Orby	2,051	306	82	—	—	Wells	Good and adequate.		
Partney	943	268	71	—	—				
Raithby	891	135	33	—	—				
Rigsby with Allby	1,058	72	17	—	—				
Sausthorpe	748	122	30	—	—	Wells	Good and adequate.		
Scremby	1,342	151	34	—	—				
Skendleby	1,540	204	52	—	—				
South Ormsby cum Ketsby.	2,456	211	45	—	—				
Spilsby	1,238	1,464	388	52	N.E. Lincolnshire Water Co.	Wells	Good and adequate.		
Stickford	2,331	443	103	—	—				
Stickney	2,106	596	171	—	—				
Sutterby	477	28	6	—	—				
Sutton le Marsh	1,806	835	273	147	N.E. Lincolnshire Water Co. thro' East Coast Water Co.	Wells	Good and adequate.		
Thorpe St. Peter	3,147	457	114	—	—				
Toynnton All Saints	1,392	325	87	—	—				
Toynnton St. Peter	1,608	196	55	—	—				
Ulceby with Fordington.	1,947	185	38	—	—	Wells	Good and adequate.		
Wainfleet All Saints	1,819	1,258	348	146	Governors of Bethlem Hospital (bulk).				
Wainfleet St. Mary	6,916	686	146	38	Governors of Bethlem Hospital				
Well	1,608	128	26	—	—				
Welton le Marsh	2,568	280	73	2	Skegness U.D.C.	Wells	Good and adequate.		
West Fen	2,567	255	53	4	Boston Waterworks Co.				
West Keal	2,007	284	72	—	—				



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<b>Lincolnshire</b> (Parts of Lindsey)— <i>cont.</i>							
<b>Spilsby R.D.—<i>cont.</i></b>							
Willoughby with Sloothby.	5,146	519	135	—	—	Wells	Good and adequate.
Winthorpe	2,368	511	127	59	Skegness U.D.C.	—	—
<b>Welton R.D.:</b>							
Aisthorpe	828	76	20	—	—	Wells	—
Apley	1,670	149	24	—	—	Wells and pond	—
Bardney	5,418	1,302	281	240	Welton R.D.C.	Wells & rainwater	—
Barlings	1,686	360	65	—	—	Wells and beck	—
Brattleby	1,142	127	24	—	—	—	—
Broxbolme	1,351	106	22	—	—	—	—
Bullington	891	51	10	—	—	—	—
Burton	2,390	275	50	30	Lord Monson	—	—
Caenby	1,456	103	24	—	—	Wells	—
Cammeringham	1,820	125	26	—	—	—	—
Cherry Willingham	1,030	161	30	—	—	—	—
Cold Hanworth	817	63	16	—	—	—	—
Coldstead	87	4	1	—	—	—	—
Dunholme	2,261	323	47	—	—	Wells & springs	—
East Firby	544	31	6	—	—	—	—
Faldingworth	2,539	269	45	—	—	—	—
Fiskerton	2,817	399	75	—	—	—	—
Friesthorpe	698	45	10	—	—	—	—
Fulnetby	1,131	62	10	—	—	—	—
Goltho	1,382	105	14	—	—	Wells	—
Grange de Lings	852	59	11	—	—	—	—
Greetwell	1,227	74	11	—	—	—	—
Hackthorn	2,748	237	46	—	—	—	—
Holton cum Beckering.	1,889	118	22	—	—	—	—
Ingham	2,126	459	96	—	—	Wells & springs	Excellent.
Nettleham	3,491	1,012	200	—	—	Wells	—
Newball	1,557	65	19	—	—	Do.	—
Normanby by Spital.	1,755	312	60	—	—	—	—
North Carlton	1,840	134	20	18	Lord Monson	Wells & rainwater	—
Owmbly	1,721	200	46	—	—	—	—
Rand	989	58	12	—	—	—	—
Reepham	1,819	370	75	—	—	—	—
Riseholme	695	57	16	—	—	Wells	—
Saxby	1,368	98	21	—	—	—	—
Saxilby with Ingleby.	4,432	1,310	210	1	Lincoln T.C.	—	—
Scampton	2,203	194	30	—	—	Wells & springs	—
Scottern	2,445	433	82	—	—	Wells	—
Snarford	1,146	82	18	—	—	—	—
Snelland	1,281	85	20	—	—	—	—
South Carlton	1,947	166	33	27	Lord Monson	Wells & rainwater	—
Spridlington	2,298	221	50	—	—	—	—
Stainfield	2,101	143	30	—	—	—	—
Stainton by Lang- worth.	1,453	105	16	—	—	Wells	—
Sudbrooke	873	85	20	—	—	—	—
Thorpe in the Fallows.	873	35	7	—	—	—	—
Welton	3,910	608	120	—	—	Wells & springs	—
West Firby	682	51	10	—	—	Wells	—
Wickenby	2,033	204	43	—	—	—	—
<b>LONDON</b>	74,816	4,521,685	573,265	573,265	Metropolitan Water Board	—	—
<b>MIDDLESEX.</b>							
Acton U.D.	2,305	57,497	9,445	9,445	Metropolitan Water Board	—	—
Brentford U.D.	1,090	16,496	3,073	3,073	Do.	—	—
Chiswick U.D.	1,250	38,772	6,687	6,687	Do.	—	—
Ealing B.	2,947	61,222	12,123	12,123	Do.	—	—
Edmonton U.D.	3,894	64,797	11,023	10,975	Do.	Wells & River Lee	Satisfactory and plentiful.
Enfield U.D.	12,601	56,338	10,992	10,928	Do.	Wells, springs, and rain-water.	Fair.
Feltham U.D.	1,790	5,135	1,093	904	Barnet Dist. Gas & Water Co. S.W. Suburban Water Co.	Wells	Variable.
Finchley U.D.	3,384	39,419	7,642	7,635	Metropolitan Water Board Barnet Dist. Gas & Water Co.	Do.	Satisfactory.
Friern Barnet U.D.	1,304	14,924	2,252	2,250	Do.	Do.	Bad.
Greenford U.D.	3,041	1,064	211	211	Rickmansworth and Uxbridge Valley Water Co.	—	—
Hampton U.D.	2,044	9,220	1,980	1,980	Metropolitan Water Board	—	—
Hampton Wick U.D.	1,306	2,417	514	484	Do. Do.	Wells	Satisfactory and adequate.
Hanwell U.D.	1,067	19,129	3,441	3,441	H.M. Office of Works	—	—
Harrow on the Hill U.D.	2,028	17,074	3,493	3,493	Metropolitan Water Board Colne Valley Water Co.	—	—
Hayes U.D.	3,311	4,261	865	760	Rickmansworth, &c., W. Co. S.W. Suburban Water Co.	Wells	Poor, but adequate.
Hendon U.D.	8,382	38,806	6,710	6,703	Metropolitan Water Board Colne Valley Water Co.	Wells & springs	Satisfactory.
Heston and Isle- worth U.D.	6,859	43,313	8,006	7,931	Metropolitan Water Board	Wells	Fair, but unsafe; adequate.
Hornsey B.	2,875	84,592	15,427	15,427	Do.	—	—



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<b>Middlesex—cont.</b>							
Kingsbury U.D.	1,829	821	178	177	Colne Valley Water Co.	Well -	Good.
Ruislip Northwood U.D.	6,585	6,217	1,238	1,196	Do.	Wells -	Very doubtful and inadequate.
Southall Norwood U.D.	2,575	26,323	4,431	4,424	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Southgate U.D.	3,597	33,612	7,269	7,257	{ Do. Barnet Gas and Water Co.	{ Wells -	{ Somewhat unsatisfactory.
Staines U.D.	1,918	6,755	1,434	1,374	S.W. Suburban Water Co.	(a) Wells; (b) Rivers Thames and Colne.	(a) Fair and adequate; (b) variable, but adequate.
Sunbury on Thames U.D.	2,659	4,607	1,000	950	Metropolitan Water Board	Wells -	Satisfactory.
Teddington U.D.	1,214	17,847	3,728	3,728	Do.	—	—
Tottenham U.D.	3,014	137,418	22,487	22,487	Do.	—	—
Twickenham U.D.	2,421	29,367	5,876	5,852	Do.	Wells -	Satisfactory.
Uxbridge U.D.	868	10,374	2,327	2,325	Uxbridge U.D.C.	Do.	Good and ample.
Wealdstone U.D.	1,061	11,923	2,170	2,170	Colne Valley Water Co.	—	—
Wembley U.D.	4,564	10,696	2,208	2,204	Do.	Wells -	Satisfactory.
Willesden U.D.	4,384	154,214	21,525	21,525	{ Metropolitan Water Board Rickmansworth, &c., Water Co.	{ Wells -	{ Good and adequate.
Wood Green U.D.	1,625	49,369	9,132	9,132	—	—	—
Yiewsley U.D.	896	4,315	853	845	—	—	—
<b>Hendon R.D.:</b>							
Edgware -	2,090	1,233	286	286	Colne Valley Water Co.	Well -	Good.
Great Stanmore -	1,484	1,843	405	402	Do.	—	—
Harrow Weald -	2,374	2,220	504	504	Do.	—	—
Little Stanmore -	1,591	1,761	413	413	Do.	—	—
Pinner -	3,782	7,103	1,736	1,735	Do.	Well -	Satisfactory.
<b>South Mimms R.D.:</b>							
South Mimms -	6,105	2,805	676	631	Barnet Dist. Gas & Water Co.	Wells & springs	Moderate and fairly adequate.
<b>Staines R.D.:</b>							
Ashford -	1,402	6,763	1,427	776	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Cranford -	737	615	145	40	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
East Bedfont -	1,926	2,426	529	376	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Hanworth -	1,373	2,188	519	393	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Harlington -	1,465	2,374	538	362	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Harmondsworth -	3,307	2,081	450	35	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Laleham -	1,301	478	141	—	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Littleton -	1,037	399	91	—	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Shepperton -	1,492	2,337	580	360	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Stanwell -	3,924	2,265	444	187	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
<b>Uxbridge R.D.:</b>							
Cowley -	525	1,021	235	224	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Harefield -	4,621	2,402	545	388	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Hillingdon East -	2,955	3,068	641	618	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Ickenham -	1,464	396	92	78	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
Northolt -	2,180	685	136	131	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
West Drayton -	878	1,668	397	383	{ S.W. Suburban Water Co. Metropolitan Water Board	{ Wells -	{ Satisfactory.
<b>NORFOLK.</b>							
Cromer U.D.	1,062	4,073	874	859	Cromer U.D.C.	Wells and rain-water.	Satisfactory.
Diss U.D.	3,674	3,769	906	318	Diss U.D.C.	(a) Wells; (b) ponds & rain-water.	(a) Doubtful and inadequate; (b) bad and inadequate.
Downham Market U.D.	1,003	2,497	607	187	Wisbech Waterworks Co.	Wells -	Variable, but adequate.
East Dereham U.D.	5,313	5,729	1,405	587	East Dereham U.D.C.	Do.	Good, but hard; adequate.
Great Yarmouth C.B.	3,598	55,905	13,097	13,073	Great Yarmouth Waterworks Co.	Do.	Satisfactory.
Kings Lynn B.	3,067	20,201	4,783	4,783	Kings Lynn T.C.	—	—
New Hunstanton U.D.	359	2,511	516	513	New Hunstanton U.D.C.	Wells -	Good.
North Walsham U.D.	4,256	4,254	1,006	696	North Walsham U.D.C.	Do.	Satisfactory.
Norwich C.B.	7,896	121,478	27,824	27,381	City of Norwich Waterworks Co.	Do.	Do.
Sheringham U.D.	877	3,376	800	800	Sheringham Gas & Water Co.	—	—
Swaffham U.D.	7,592	3,234	813	726	Swaffham Water Co., Ltd.	Wells -	Satisfactory and sufficient.
Thetford B.	7,096	4,778	1,072	1,053	Thetford T.C.	Do.	Fairly good and adequate.
Walsoken U.D.	4,907	3,898	961	901	Wisbech Waterworks Co.	Rain-water	Good and sufficient.
Wells U.D.	2,670	2,565	676	—	—	Wells -	Liable to pollution.
<b>Aylsham R.D.</b>							
Alby with Thwaite	1,437	404	92	—	—	—	—
Aylsham -	4,330	2,627	662	—	—	—	—
Banningham -	938	215	59	—	—	—	—
Belaugh -	878	161	36	—	—	—	—
Blickling -	2,126	297	74	—	—	—	—
Brampton -	527	169	46	—	—	—	—
Burgh -	816	223	49	—	—	—	—
Buxton -	1,316	480	134	—	—	—	—
Calthorpe -	1,091	183	43	—	—	—	—
Cawston -	4,361	1,023	263	—	—	—	—
Colby -	1,121	285	64	—	—	—	—

See p. 469.

See p. 469.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Norfolk—cont.</b>							
<b>Aylsham R.D.—</b>							
<i>cont.</i>							
Coltishall - -	1,190	984	241	—	—	Wells (in a few instances the supply is to a small extent from a river or stream)	Generally good, but some wells are liable to pollution; generally adequate, but some houses have no supply of wholesome water within a convenient distance.
Corpusty - -	1,027	449	112	—	—		
Erpingham - -	1,400	367	90	—	—		
Foulsham - -	3,276	922	243	—	—		
Great Hautbois - -	608	182	37	—	—		
Guestwick - -	1,664	194	45	—	—		
Hackford - -	838	614	191	—	—		
Hevingham - -	2,881	727	180	—	—		
Heydon - -	1,983	220	58	—	—		
Hindolveston - -	2,540	630	155	—	—		
Ingworth - -	523	150	39	—	—		
Irmingland - -	726	22	4	—	—		
Itteringham - -	1,463	283	71	—	—		
Lammas with Little Hautbois.	840	230	62	—	—		
Little Barningham	1,251	189	45	—	—		
Mannington - -	561	20	4	—	—		
Marsham - -	1,831	651	145	—	—		
Oulton - -	1,886	331	84	—	—		
Oxnead - -	650	72	15	—	—		
Reepham with Kerdiston.	2,497	414	111	—	—		
Sall - -	1,870	192	51	—	—		
Saxthorpe - -	2,124	281	74	—	—		
Scotow - -	2,126	371	92	—	—		
Skeyton - -	1,303	291	70	—	—		
Stratton Strawless.	1,609	174	45	—	—		
Swanton Abbot - -	1,174	475	122	—	—		
Themelthorpe - -	664	99	20	—	—		
Thurning - -	1,598	148	33	—	—		
Tuttington - -	841	181	39	—	—		
Whitwell - -	1,535	405	107	—	—		
Wickmere - -	998	212	55	—	—		
Wolterton - -	751	54	12	—	—		
Wood Dalling - -	2,443	427	115	—	—		
Wood Norton - -	1,729	316	65	—	—		
<b>Blofield R.D. :</b>							
Acle - -	3,533	942	237	—	—	Wells	Satisfactory.
Beighton - -	1,029	207	59	—	—		
Blofield - -	2,321	1,105	281	—	—		
Brundall - -	1,012	490	116	—	—		
Buckenham - -	928	77	19	—	—		
Burlingham St. Andrew.	753	179	37	—	—		
Burlingham St. Edmund.	657	80	17	—	—		
Burlingham St. Peter.	410	69	15	—	—		
Cantley - -	1,847	259	61	—	—		
Freethorpe - -	906	380	97	—	—		
Great Plumstead - -	1,433	327	83	—	—		
Halvergate - -	2,712	473	109	—	—		
Hassingham - -	580	103	21	—	—		
Hemblington - -	749	190	52	—	—		
Limpnboe - -	1,127	153	45	—	—		
Lingwood - -	668	495	93	—	—		
Little Plumstead - -	1,399	350	82	—	—		
Moulton - -	1,039	219	56	—	—		
Postwick - -	1,812	340	71	—	—		
Ranworth with Panxworth.	2,454	318	75	—	—		
Reedham - -	3,322	825	209	—	—		
South Walsham - -	3,210	528	128	—	—		
Southwood - -	439	47	11	—	—		
Strumpshaw - -	1,381	310	81	—	—		
Thorpe next Norwich.	1,855	2,601	319	29	City of Norwich Waterwks Co.		
Tunstall - -	1,595	97	19	—	—		
Upton with Fishley	2,169	483	114	—	—		
Wickhampton - -	1,661	116	28	—	—		
Witton - -	581	134	31	—	—		
Woodbastwick	2,203	262	59	—	—		
<b>Depwade R.D. :</b>							
Alburgh - -	1,585	449	120	—	—	Wells & ponds	Fairly satisfactory.
Ashwellthorpe - -	1,007	351	79	—	—		
Aslacton - -	1,206	280	63	—	—		
Billingford - -	1,041	185	43	—	—		
Bressingham - -	2,421	504	129	—	—		
Brockdish - -	1,092	363	91	—	—		
Bunwell - -	2,495	771	205	—	—		
Burston - -	1,466	314	84	—	—		
Carleton Rode - -	2,695	666	165	—	—		
Denton - -	2,493	376	98	—	—		
Dickleburgh - -	2,356	776	179	—	—		
Earsham - -	3,128	603	140	—	—		
Fersfield - -	1,396	261	55	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Norfolk—cont.</b>							
<b>Depwade R.D.—</b>							
<i>cont.</i>							
Fornett St. Mary -	760	199	51	—	—		
Fornett St. Peter -	1,901	524	138	—	—		
Fritton -	896	180	48	—	—		
Fundenhall -	1,394	231	61	—	—		
Gissing -	2,005	364	86	—	—		
Hapton -	700	154	34	—	—		
Hardwick -	887	211	51	—	—		
Hempnall -	3,659	792	190	—	—		
Morning Thorpe -	1,011	136	28	—	—		
Moulton St. Michael.	1,398	318	81	—	—		
Needham -	1,157	307	81	—	—		
Pulham St. Mary Magdalene.	2,985	1,001	213	—	—		
Pulham St. Mary the Virgin.	3,029	738	179	—	—		
Bedenhall with Harleston.	3,392	1,882	481	—	—		
Boydton -	1,371	698	159	—	—		
Rushall -	1,178	190	49	—	—		
Scole -	1,587	610	153	—	—		
Shelfanger -	1,725	360	82	—	—		
Shelton -	1,314	179	37	—	—		
Shimpling -	797	157	36	—	—		
Starston -	2,227	444	106	—	—		
Stratton St. Mary -	1,460	635	153	—	—		
Stratton St. Michael	1,086	244	63	—	—		
Tacolneston -	1,592	308	73	—	—		
Tasburgh -	915	355	95	—	—		
Tharston -	1,633	296	78	—	—		
Thelveton -	1,058	194	43	—	—		
Thorpe Abbots -	1,169	188	50	—	—		
Tibenham -	3,296	539	132	—	—		
Tivetshall St. Margaret.	1,701	400	84	—	—		
Tivetshall St. Mary	1,149	247	62	—	—		
Wacton -	1,124	199	52	—	—		
Winfarthing -	2,670	397	114	—	—		
Wortwell -	1,135	357	94	—	—		
<b>Docking R.D.:</b>							
Anmer -	1,448	152	32	—	—		
Bagthorpe -	755	84	16	—	—		
Barmer -	1,483	52	9	—	—		
Barwick -	1,302	44	10	—	—		
Bircham Newton -	1,168	87	23	—	—		
Bircham Tofts -	1,508	118	28	—	—		
Brancaster -	3,522	994	237	—	—		
Broomsthorpe -	435	8	2	—	—		
Burnham Deepdale	1,048	80	21	—	—		
Burnham Norton -	2,320	103	26	—	—		
Burnham Overy -	2,019	484	120	—	—		
Burnham Sutton -	1,473	411	92	—	—		
Burnham Thorpe -	2,364	294	82	—	—		
Burnham Westgate	3,078	937	234	—	—		
Choseley -	678	40	7	—	—		
Dersingham -	3,581	1,499	372	—	—		
Docking -	6,378	1,237	276	—	—		
East Rudham -	3,995	691	176	—	—		
Fring -	1,711	169	42	—	—		
Great Bircham -	3,780	366	93	—	—		
Heacham -	3,574	1,764	428	260	New Hunstanton U.D.C. (bulk)		
Holme next the Sea	1,732	274	70	—	—		
Houghton -	1,564	151	45	—	—		
Hunstanton -	1,822	560	122	112	New Hunstanton U.D.C.		
Ingoldisthorpe -	1,390	319	76	—	—		
North Creake -	3,701	545	139	—	—		
Ringstead -	2,753	458	114	—	—		
Sedgeford -	4,217	694	169	—	—		
Sherborne -	1,391	140	29	—	—		
Snettisham -	5,747	1,440	368	—	—		
South Creake -	4,175	750	190	—	—		
Stanhoe -	1,497	367	91	—	—		
Syderstone -	2,455	423	110	—	—		
Thornham -	2,768	610	162	—	—		
Titchwell -	1,536	166	38	—	—		
Waterden -	805	28	8	—	—		
West Rudham -	2,918	403	104	—	—		
<b>Downham R.D.:</b>							
Barton Bendish -	4,123	419	95	—	—		
Bexwell -	1,180	77	15	—	—		
Boughton -	1,353	210	56	—	—		
Crimplesham -	1,635	231	61	—	—		
Denver -	3,144	731	152	—	—		
Downham West -	1,794	420	106	56	Wisbech Waterworks Co.		
Fincham -	2,973	627	171	27	Do.		
Fordham -	2,213	215	45	—	—		
						Wells & ponds	Fairly satisfactory.
						Wells	Good in some parishes, but very inferior in others; generally adequate.
						Wells and rain-water.	Moderate.
						Rain-water	Doubtful.
						Wells	
						Wells and rain-water.	Moderate.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Norfolk—cont.</b>							
<b>Downham R.D.—</b>							
<i>cont.</i>							
Hilgay - - -	6,816	1,590	379	—	—	Wells and River Wissey.	Doubtful.
Marham - - -	3,981	643	160	22	Wisbech Waterworks Co.	Wells - - -	Moderate.
Roxham - - -	606	55	10	—	—	Wells and rain- water.	
Rancton Holme - -	1,093	223	54	—	—	Wells - - -	
Ryston - - -	599	27	8	—	—	Wells and rain- water.	
Shouldham - - -	3,965	513	129	—	—	Wells - - -	
Shouldham Thorpe	1,452	255	59	—	—	Wells and rain- water.	Doubtful.
Southery - - -	3,853	1,171	280	—	—	Wells, rain-water and River Ouse.	
South Rancton - -	836	137	30	—	—	Wells and rain- water.	Moderate.
Stoke Ferry - - -	2,298	652	146	—	—	Wells - - -	
Stow Bardolph - -	6,398	1,347	292	145	Wisbech Waterworks Co.	Wells and rain- water.	
Stradsett - - -	1,346	118	29	—	—	Wells - - -	
Tottenhill - - -	1,459	288	75	—	—	Wells and rain- water.	
Wallington with Thorpland.	1,472	57	10	—	—	Rain-water and River Delph.	Doubtful.
Watlington - - -	1,692	548	147	45	Wisbech Waterworks Co.	Wells, stream & rain-water.	Moderate.
Welney - - -	3,485	449	82	—	—	Wells and rain- water.	
Wereham - - -	2,228	498	142	—	—	Rain-water and Hundred Foot River.	Doubtful.
West Dereham - -	3,341	442	118	—	—	Wells - - -	Moderate.
West Welney - - -	1,817	559	120	—	—	Wells and rain- water.	
Wiggenhall St. German.	1,242	496	135	126	Wisbech Waterworks Co.	Wells and rain- water.	
Wiggenhall St. Mary Magdalen.	4,254	761	189	119	Wisbech Waterworks Co.	Wells - - -	
Wiggenhall St. Mary the Virgin.	2,767	269	70	50		Wells and rain- water.	
Wiggenhall St. Peter.	894	216	47	—	—	Wells - - -	Good and abundant.
Wimbotsham - - -	1,578	548	141	107	Wisbech Waterworks Co.	Wells and rain- water.	
Wormegay - - -	3,012	391	89	—	—	Wells - - -	Good and adequate
Wretton - - -	1,031	344	84	—	—	Wells and spring -	
<b>East and West Flegg R.D.:</b>							
Ashby with Oby - -	1,392	103	20	—	—	Wells - - -	Good and adequate
Billockby - - -	396	85	17	—	—	Wells and spring -	
Burgh St. Margaret	1,700	613	143	—	—	Wells - - -	Good and adequate
Caister next Yar- mouth.	2,828	1,938	543	286	Great Yarmouth Waterworks Co.	Wells - - -	
Clippesby - - -	867	138	30	—	—	Wells - - -	Good and adequate
East Somerton - -	831	82	16	—	—	Wells and spring -	
Filby - - -	1,430	532	144	—	—	Wells - - -	Good and adequate
Hemsby - - -	1,739	713	200	—	—	Wells and spring -	
Martham - - -	2,680	1,260	328	—	—	Wells - - -	Good and adequate
Mantby - - -	1,935	119	20	—	—	Wells and spring -	
Ormesby St. Mar- garet with Scratby.	1,663	1,232	318	75	Great Yarmouth Waterworks Co.	Wells - - -	Good and adequate
Ormsby St. Michael	1,039	300	92	8		Wells and spring -	
Repps with Bast- wick.	1,250	294	72	—	—	Wells - - -	Good and adequate
Rollesby - - -	1,689	502	120	—	—	Wells and spring -	
Runham - - -	1,638	304	73	—	—	Wells - - -	Good and adequate
Stokesby with Herringby.	2,102	351	95	—	—	Wells and spring -	
Thrigby - - -	585	43	14	—	—	Wells - - -	Good and adequate
Thurne - - -	652	152	39	—	—	Wells and spring -	
West Somerton - -	1,208	253	70	—	—	Wells - - -	Good and adequate
Winterton - - -	1,367	915	220	—	—	Wells and spring -	
<b>Erpingham R.D.:</b>							
Aldborough - - -	795	346	92	—	—	Wells - - -	Good and adequate
Antingham - - -	1,514	198	50	—	—	Wells and spring -	
Aylmerton - - -	1,697	244	64	—	—	Wells - - -	Good and adequate
Baconsthorpe - - -	1,365	300	62	—	—	Wells and spring -	
Barningham Nor- wood.	836	51	10	—	—	Wells - - -	Good and adequate
Barningham Winter or Town.	871	110	20	—	—	Wells and spring -	
Beeston Regis - - -	702	85	27	14	Sheringham Gas & Water Co.	Wells - - -	Good and adequate
Bessingham - - -	495	141	34	—	—	Wells and spring -	
Bodham - - -	1,720	300	74	—	—	Wells - - -	Good and adequate
Briston - - -	2,955	1,392	320	—	—	Wells and spring -	
Cley next the Sea -	2,088	769	200	—	—	Wells - - -	Good and adequate
East Beckham - - -	790	66	18	—	—	Wells and spring -	
Edgefield - - -	2,482	477	120	—	—	Wells - - -	Good and adequate
Felbrigg - - -	1,557	181	36	27	Cromer U.D.C.	Wells and spring -	
Gimingham - - -	1,493	398	80	—	—	Wells - - -	Good and adequate
Glandford with Bayfield.	1,172	133	28	—	—	Wells and spring -	
Gresham - - -	1,319	388	96	—	—	Wells and spring -	Good and adequate



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Norfolk—cont.</b>									
<b>Erpingham R.D.—</b>									
<i>cont.</i>									
Gunton - - -	943	80	17	—	—	Wells - - -	Good and adequate.		
Hanworth - - -	1,352	226	62	—	—				
Hempstead - - -	1,777	259	60	—	—				
Holt - - -	3,009	2,104	478	398	Erpingham R.D.C. - - -	Wells and spring.			
Hunworth - - -	858	198	47	—	—	Wells - - -			
Kelling - - -	2,324	398	75	48	Erpingham R.D.C. - - -				
Knapton - - -	1,490	346	96	15	—				
Letheringsett - - -	849	254	73	—	—	Wells - - -			
Matlask - - -	476	149	36	—	—				
Metton - - -	671	83	21	—	—				
Mundesley - - -	599	770	274	274	Erpingham R.D.C. - - -	Wells and spring.	—		
Northrepps - - -	2,645	564	140	39	Cromer U.D.C. - - -				
Overstrand - - -	408	429	147	125	J. H. Gurney, Esq. - - -				
Plumstead - - -	1,279	167	47	—	Cromer U.D.C. - - -	Wells - - -			
Roughton - - -	1,785	527	126	2	Cromer U.D.C. - - -				
Runton - - -	1,266	907	255	172	—				
Salthouse - - -	1,562	246	64	—	—	Wells - - -			
Sidestrand - - -	414	114	30	15	Cromer U.D.C. - - -				
Southrepps - - -	2,092	829	196	—	—				
Stodly - - -	1,112	140	35	—	—	Wells and spring		Good and adequate.	
Suffield - - -	1,466	206	47	—	—	Wells - - -			
Sustead - - -	522	127	36	—	—				
Thornage - - -	1,262	344	89	—	—		Wells - - -		
Thorpe Market - - -	1,318	238	57	—	—				
Thurgarton - - -	972	236	58	—	—				
Trimingham - - -	558	250	59	—	—	Wells - - -			
Trunch - - -	1,357	408	100	—	—				
Upper Sheringham - - -	1,520	307	80	—	—				
West Beckham - - -	766	322	39	—	—	Wells and spring	Good and sufficient.		
Weybourne - - -	1,715	330	92	—	—	Wells - - -			
<b>Forehoe R.D. :</b>									
Barford - - -	1,083	282	79	—	—	Wells - - -		Good and sufficient.	
Barnham Broom - - -	1,788	348	87	—	—				
Bawburgh - - -	1,421	348	92	—	—				
Bowthorpe - - -	644	63	14	—	—				
Brandon Parva - - -	1,005	151	37	—	—				
Carleton Forehoe - - -	734	134	30	—	—				
Colton - - -	920	188	68	—	—				
Costessey - - -	3,031	895	209	—	—				
Coston - - -	355	37	12	—	—				
Crownthorpe - - -	714	67	18	—	—				
Deopham - - -	1,661	341	95	—	—	Wells - - -	Good and sufficient.		
Easton - - -	1,545	238	55	—	—				
Hackford - - -	758	188	46	—	—				
Hingham - - -	3,698	1,382	407	—	—				
Kimberley - - -	1,569	155	44	—	—				
Marlingford - - -	717	253	62	—	—				
Morley St. Botolph - - -	808	196	59	—	—				
Morley St. Peter - - -	1,067	180	43	—	—				
Runhall - - -	850	187	47	—	—				
Welborne - - -	753	154	38	—	—				
Wicklewood - - -	1,601	634	140	—	—	Wells - - -	Good.		
Wrampingham - - -	856	168	44	—	—				
Wymondham - - -	10,950	4,794	1,260	—	—				
<b>Freebridge Lynn R.D. :</b>									
Ashwick - - -	1,336	100	24	—	—			Wells - - -	Good.
Babingley - - -	861	92	20	—	—				
Bawsey - - -	1,029	75	17	3	Kings Lynn T.C. - - -				
Castle Acre - - -	3,260	1,055	302	—	—				
Castle Rising - - -	2,136	268	84	59	Capt. C. A. Howard - - -				
Congham - - -	2,896	253	68	—	—				
East Walton - - -	2,669	173	38	—	—				
East Winch - - -	2,541	338	88	—	—				
Fritcham with Appleton. - - -	4,223	460	102	—	—				
Gayton - - -	3,287	780	188	—	—				
Gayton Thorpe - - -	2,359	143	36	—	—	(a) Wells; (b) River Gaywood.	(a) Good ; (b) indifferent		
Gaywood - - -	2,173	1,411	379	300	Kings Lynn T.C. (bulk) - - -				
Great Massingham - - -	4,242	723	206	—	—				
Grimston - - -	4,264	1,197	291	—	—				
Harpley - - -	2,295	421	104	—	—				
Hillington - - -	2,539	262	64	—	—				
Leziate - - -	1,480	196	50	1	Kings Lynn T.C. - - -				
Little Massingham - - -	2,289	211	46	—	—				
Middleton - - -	3,045	797	211	—	—				
Mintlyn - - -	1,114	39	10	1	Kings Lynn T.C. - - -				
North Lynn - - -	800	86	23	—	—	Rain-water - - -	Good.		
North Runcton - - -	1,456	305	75	—	—				
North Wootton - - -	3,858	317	69	20	North Wootton P.C. - - -				
Pentney - - -	2,567	406	113	—	—				
Roydon - - -	1,141	174	47	—	—				
Sandringham - - -	1,174	104	22	19	His Majesty the King - - -				
								Do. - - -	Fair.
								Do. - - -	Good.
								Do. - - -	Do.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Norfolk—cont.</b>							
<b>Freebridge Lynn R.D.—cont.</b>							
Setchey - - -	794	87	22	—	—	Wells - -	Good.
South Wootton - -	1,896	159	41	—	—	(a) Wells ; (b) River Nar.	(a) Good ; (b) indifferent.
West Acre - - -	3,579	400	100	—	—	Wells - -	Good.
West Bilney - - -	2,387	192	56	10	W. G. E. Wyrley-Birch, Esq.	Wells - -	Good.
West Newton - - -	1,250	326	75	68	His Majesty the King - -	Wells - -	Fair.
West Winch - - -	1,183	362	112	—	—	Do. - -	Good.
Wolferton - - -	2,947	194	47	43	His Majesty the King - -	—	—
<b>Henstead R.D. :</b>							
Arminghall - - -	672	101	23	—	—	—	—
Bixley - - -	667	158	34	—	—	—	—
Bracon Ash - - -	989	269	65	—	—	—	—
Bramerton - - -	731	212	53	—	—	—	—
Caistor St. Edmund	1,070	138	35	—	—	—	—
Colney - - -	948	164	30	—	—	—	—
Cringleford - - -	1,000	288	64	32	City of Norwich Waterwks.Co.	—	—
Dunston - - -	626	98	23	—	—	—	—
East Carleton - -	1,226	291	69	—	—	—	—
Flordon - - -	925	190	44	—	—	—	—
Framingham Earl -	633	166	42	—	—	—	—
Framingham Pigot -	634	247	58	—	—	—	—
Great Melton - - -	2,527	342	77	—	—	—	—
Hethel - - -	1,443	156	30	—	—	—	—
Hethersett - - -	2,695	1,093	278	—	—	—	—
Holverston - - -	355	19	5	—	—	—	—
Intwood - - -	628	49	13	—	—	—	—
Keswick - - -	738	152	38	—	—	Wells - -	Good and plentiful
Ketteringham - -	1,609	167	42	—	—	—	—
Kirby Bedon - - -	1,396	293	67	—	—	—	—
Little Melton - - -	681	291	82	—	—	—	—
Markshall - - -	549	52	10	—	—	—	—
Mulbarton - - -	1,364	481	123	—	—	—	—
Newton Flotman - -	1,200	240	62	—	—	—	—
Poringland - - -	1,560	466	112	—	—	—	—
Rockland St. Mary	1,358	402	95	—	—	—	—
Saxlingham Nether- gate. - - -	2,112	463	121	—	—	—	—
Saxlingham Thorpe	—	139	29	—	—	—	—
Shotesham All Saints. - - -	1,579	306	86	—	—	—	—
Shotesham St. Mary	2,006	223	50	—	—	—	—
Stoke Holy Cross -	1,664	424	95	—	—	—	—
Surlingham - - -	1,813	372	100	—	—	—	—
Swainsthorpe - - -	834	284	42	—	—	—	—
Swardston - - -	930	418	98	—	—	—	—
Trowse with Newton	1,130	704	166	166	( R. J. Colman, Esq. City of Norwich Waterwks.Co.	—	—
Whitlingham - - -	546	67	15	10	Norwich T.C. - - -	Wells - -	Good and plentiful.
Wrenningham - - -	1,542	360	90	—	—	—	—
<b>Kings Lynn R.D. :</b>							
* West Lynn - - -	1,638	935	213	73	King's Lynn T.C. - - -	Wells & rain-water	Satisfactory.
<b>Loddon and Claver- ing R.D. :</b>							
Aldeby - - -	3,084	588	134	—	—	—	—
Alpington - - -	539	136	44	—	—	—	—
Ashby - - -	503	174	46	—	—	—	—
Bedingham - - -	1,366	245	64	—	—	—	—
Bergh Apton - - -	1,988	424	112	—	—	—	—
Brooke - - -	2,153	605	152	—	—	—	—
Broome - - -	1,458	470	119	—	—	Wells - -	—
Burgh St. Peter - -	1,951	314	82	—	—	—	—
Carleton St. Peter -	786	69	20	—	—	—	—
Chedgrave - - -	1,448	326	78	—	—	—	Good.
Claxton - - -	1,007	168	48	—	—	—	—
Ditchingham - - -	2,117	1,137	252	—	—	—	—
Ellingham - - -	1,392	286	83	—	—	Wells and stream	—
Geldeston - - -	842	295	79	—	—	Wells - -	—
Gillingham - - -	2,033	440	98	—	—	Do. - -	—
† Haddiscoe - - -	2,033	439	103	—	—	Wells and ponds	—
Hales - - -	986	289	71	—	—	—	—
Hardley - - -	1,491	226	60	—	—	Wells - -	—
Heckingham - - -	1,099	271	42	—	—	(a) Wells ; (b) ponds.	(a) Good ; (b) indifferent.
Hedenham - - -	1,802	212	58	—	—	—	—
Hellington - - -	528	73	18	—	—	—	—
Howe - - -	790	118	23	—	—	—	—
Kirby Cane - - -	1,512	336	98	—	—	Wells - -	Good.
Kirstead - - -	1,034	200	49	—	—	—	—
Langley - - -	2,713	289	73	—	—	—	—
Loddon - - -	3,046	1,023	267	—	—	(a) Wells ; (b) ponds.	(a) Good ; (b) indifferent.
Mundham - - -	1,562	234	62	—	—	—	—
Norton Subcourse -	1,902	321	90	—	—	Wells - -	Good.
Raveningham - - -	2,423	323	70	—	—	—	—
Seething - - -	1,675	315	84	—	—	—	—

\* West Lynn.—Some 80 houses in part of parish west of River Ouse are supplied with water carted from the piped service.

† Haddiscoe.—The inhabitants of some houses obtain supplies of water from the railway station.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Norfolk—cont.</b>							
<b>Loddon and Claver- ing R.D.—cont.</b>							
Sisland - - -	469	73	15	—	—	Wells - - -	Good.
Stockton - - -	1,040	136	31	—	—		
Thorpe next Haddiscoe.	834	66	21	—	—		
Thurlton - - -	1,196	383	100	—	—	Wells & ponds	Wells good ; ponds indifferent.
Thurton - - -	783	212	50	—	—		
Thwaite - - -	681	114	30	—	—		
Toft Monks - - -	2,216	382	88	—	—	Wells - - -	Good.
Topcroft - - -	1,917	272	80	—	—		
Wheatacre - - -	1,144	151	34	—	—		
Woodton - - -	2,185	343	110	—	—	Wells - - -	Good.
Yelverton - - -	545	72	17	—	—		
<b>Marshland R.D. :</b>							
Clenchwarton - -	2,952	628	140	—	—	Wisbech Waterworks Co. -	Rain-water and wells.
Emmeth - - -	3,551	1,082	287	110	—		
Outwell - - -	2,499	959	236	132	—		
Terrington St. Clement.	10,965	2,393	552	—	—	Wisbech Waterworks Co. -	Generally good and ade- quate.
Terrington St. John	2,414	651	168	100	—		
Tilney All Saints -	2,591	584	136	—	—		
Tilney St. Lawrence	3,458	782	188	77	—	Wisbech Waterworks Co. -	Generally good and ade- quate.
Tilney with Isling- ton.	1,732	243	60	46	—		
Upwell - - -	9,353	2,229	538	137	—		
Walpole St. Andrew	2,419	630	163	—	—	Wisbech Waterworks Co. -	Generally good and ade- quate.
Walpole St. Peter -	7,126	1,217	300	40	—		
West Walton - - -	5,512	984	232	90	—		
<b>Mitford and Laun- ditch R.D. :</b>							
Bawdeswell - - -	1,206	384	107	—	—	Wells - - -	Good and adequate.
Beeston with Bittering.	2,502	374	92	—	—		
Beetley - - -	2,121	318	75	—	—		
Billington - - -	1,815	293	69	—	—	Wells - - -	Good and adequate.
Bintree - - -	1,478	603	86	—	—		
Brisley - - -	1,209	333	68	—	—		
Bylaugh - - -	1,590	70	18	—	—	Wells - - -	Good and adequate.
Colkirk - - -	1,564	409	95	—	—		
Cranworth - - -	1,138	202	54	—	—		
East Bilney - - -	557	149	36	—	—	Wells - - -	Good and adequate.
East Lexham - - -	1,225	189	44	—	—		
East Tuddenham -	2,093	441	102	—	—		
Elsing - - -	1,565	320	76	—	—	Wells - - -	Good and adequate.
Foxley - - -	1,643	185	44	—	—		
Garveston - - -	823	284	78	—	—		
Gateley - - -	1,516	128	31	—	—	Wells - - -	Good and adequate.
Great Dunham - -	2,023	364	85	—	—		
Great Fransham -	1,932	286	68	—	—		
Gressenhall - - -	2,647	654	137	—	—	Wells - - -	Good and adequate.
Guist - - -	1,681	352	75	—	—		
Hardingham - - -	2,418	438	107	—	—		
Hockering - - -	2,001	308	80	—	—	Wells - - -	Good and adequate.
Hoe - - -	1,471	137	36	—	—		
Horningtoft - - -	1,416	229	48	—	—		
Kempstone - - -	816	42	8	—	—	Wells - - -	Good and adequate.
Letton - - -	1,287	105	23	—	—		
Litcham - - -	1,937	663	167	—	—		
Little Dunham - -	1,851	255	65	—	—	Wells - - -	Good and adequate.
Little Fransham -	1,069	175	36	—	—		
Longham - - -	1,335	247	61	—	—		
Lyng - - -	1,973	452	107	—	—	Wells - - -	Good and adequate.
Mattishall - - -	2,316	738	185	—	—		
Mattishall Burgh -	623	144	30	—	—		
Mileham - - -	2,832	424	112	—	—	Wells - - -	Good and adequate.
North Elmham - -	4,742	919	243	—	—		
North Tuddenham -	2,325	324	79	—	—		
Oxwick & Pattesley	1,058	98	16	—	—	Wells - - -	Good and adequate.
Reymerston - - -	1,648	259	63	—	—		
Rougham - - -	2,676	304	74	—	—		
Scarning - - -	3,494	707	160	—	—	Wells - - -	Good and adequate.
Shipdham - - -	4,634	1,303	334	—	—		
Southburgh - - -	1,249	225	53	—	—		
Sparham - - -	1,785	245	62	—	—	Wells - - -	Good and adequate.
Stanfield - - -	938	134	38	—	—		
Swanton Morley - -	2,753	562	143	—	—		
Thuxton - - -	1,115	78	20	—	—	Wells - - -	Good and adequate.
Tittleshall - - -	3,414	427	98	—	—		
Twyford - - -	528	52	13	—	—		
Weasenham All Saints.	2,020	336	73	—	—	Wells - - -	Good and adequate.
Weasenham St. Peter.	1,428	241	57	—	—		
Wellingham - - -	1,083	114	27	—	—		
Wendling - - -	1,472	272	77	—	—	Wells - - -	Good and adequate.
Westfield - - -	580	82	24	—	—		
West Lexham - - -	1,180	101	24	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
Norfolk—cont.							
Mitford and Launditch R.D.—cont.							
Whinburgh - -	1,270	197	53	—	—	Wells - -	Good and adequate.
Whissonsett - -	1,377	433	116	—	—		
Woodrising - -	1,421	80	21	—	—		
Worthing - -	817	103	29	—	—		
Yaxham - -	1,641	404	102	—	—		
St. Faith's R.D. :							
Alderford - -	443	55	12	—	—	City of Norwich Waterwks. Co.	
Attlebridge - -	1,303	73	15	—	—		
Becston St. Andrew	635	82	19	—	—		
Booton - -	1,079	210	54	—	—		
Brandiston - -	776	137	38	—	—		
Catton - -	764	634	149	80	—		
Crostwick - -	706	153	32	—	—		
Drayton - -	1,353	514	140	—	—		
Feltthorpe - -	2,314	356	91	—	—		
Frettenham - -	1,486	223	54	—	—		
Great Witchingham	2,255	488	127	—	—		
Hainford - -	1,796	528	135	—	—		
Haverlingland - -	2,043	126	30	—	—		
Hellesdon - -	1,198	826	64	18	—		
Honingham - -	2,606	338	77	—	—		
Horsford - -	4,249	716	173	—	—	Wells - -	Good and adequate.
Horsham St. Faith with Newton St. Faith.	2,359	926	222	—	—		
Horstead with Stanninghall.	2,849	547	135	—	—	City of Norwich Waterwks. Co.	
Little Witchingham	743	56	12	—	—		
Morton on the Hill	1,009	103	27	—	—		
Rackheath - -	2,000	271	62	—	—		
Ringland - -	1,246	233	55	—	—		
Salhouse - -	2,072	650	156	—	—		
Spixworth - -	1,235	62	15	—	—		
Sprowston - -	2,476	906	212	81	—		
Swannington - -	1,456	322	75	—	—		
Taverham - -	2,167	198	45	—	—		
Weston Longville - -	2,777	345	82	—	—		
Wroxham - -	1,538	729	185	—	—		
Smallburgh R.D. :							
Ashmanhaugh - -	665	109	26	—	—	Wells - -	Generally good and adequate.
Bacton - -	1,122	473	123	—	—		
Barton Turf - -	1,614	297	75	—	—		
Becston St. Lawrence.	525	34	7	—	—		
Bradfield - -	759	166	39	—	—		
Brumstead - -	797	122	26	—	—		
Catfield - -	2,461	525	140	—	—		
Crostwight - -	766	83	16	—	—		
Dilham - -	1,573	381	94	—	—		
East Ruston - -	2,503	642	158	—	—		
Edingthorpe - -	1,204	187	45	—	—		
Felmingham - -	1,896	420	99	—	—		
Happisburgh - -	1,948	517	134	—	—		
Hempstead with Eccles.	1,221	113	30	—	—		
Hickling - -	4,244	761	201	—	—		
Honing - -	1,409	325	78	—	—		
Horning - -	2,604	363	96	—	—		
Horsey - -	2,061	157	34	—	—		
Hoveton St. John	1,593	334	72	—	—		
Hoveton St. Peter	975	102	22	—	—		
Ingham - -	1,516	388	102	—	—		
Irstead - -	1,069	119	26	—	—		
Lessingham - -	641	177	42	—	—		
Ludham - -	2,993	706	179	—	—		
Neatishead - -	1,908	518	139	—	—		
Palling - -	860	366	92	—	—		
Paston - -	1,384	280	64	—	—		
Potter Heigham - -	2,543	411	111	—	—		
Ridlington - -	645	223	53	—	—		
Seo' Ruston - -	499	105	24	—	—		
Sioley - -	752	249	57	—	—		
Smallburgh - -	1,289	428	98	—	—		
Stalham - -	1,800	958	258	—	—		
Sutton - -	1,569	374	100	—	—		
Swaffield - -	832	172	44	—	—		
Tunstead - -	2,295	459	96	—	—		
Walcott - -	682	99	24	—	—		
Waxham - -	1,809	108	21	—	—		
Westwick - -	1,206	194	46	—	—		
Witton - -	1,764	227	55	—	—		
Worstead - -	2,631	747	188	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
i.	2.	3.	4.	5.	6.	7.	8.		
Norfolk—cont.									
Swaffham R.D.:									
Ashill - - -	3,030	539	140	—	—	Wells & springs	Deep wells and springs generally good; many shallow wells, polluted variable.		
Beechamwell - -	3,996	278	65	—	—				
Bodney - - -	2,621	105	21	—	—				
Buckenham Tofts -	666	54	11	—	—				
Caldecote - - -	707	44	9	—	—				
Cockley Cley - -	4,430	246	53	—	—				
Colveston - - -	863	34	8	—	—				
Didlington - - -	1,875	98	21	—	—				
East Bradenham -	2,384	275	68	—	—				
Foulden - - -	3,418	340	81	—	—				
Gooderstone - -	2,791	296	88	—	—				
Great Cressingham	2,431	340	83	—	—				
Hilborough - - -	3,109	256	69	—	—				
Holme Hale - - -	2,642	301	82	—	—				
Houghton on the Hill.	609	42	9	—	—				
Ickburgh - - -	1,606	128	32	—	—	River Nar	Fairly good and adequate		
Langford - - -	1,413	49	8	—	—				
Little Cressingham	1,866	199	51	—	—				
Narborough - - -	3,472	336	92	—	—				
Narford - - -	2,397	99	27	—	—				
Necton - - -	3,830	660	160	—	—	Wells & springs	Deep wells and springs generally good; many shallow wells, polluted variable.		
Newton by Castle Acre.	1,078	63	15	—	—				
North Pickenham -	1,615	239	67	—	—				
Oxborough - - -	2,566	214	52	—	—				
Saham Toney - -	4,063	1,031	250	—	—				
Shingham - - -	970	45	10	—	—				
South Acre - - -	2,511	67	17	—	—				
South Pickenham -	1,870	170	40	—	—				
Sporle with Palgrave.	4,255	563	151	—	—				
Stanford - - -	2,696	131	27	—	—				
Thrextou - - -	1,074	57	16	—	—	Wells and rain-water.	Good and adequate.		
West Bradenham -	1,702	272	65	—	—				
Thetford R.D.:									
Blo' Norton - - -	1,142	279	72	—	—				
Brettenham - - -	2,006	85	19	—	—				
Bridgham - - -	2,734	254	70	—	—				
Cranwich - - -	1,829	57	15	—	—				
Croxton - - -	4,685	307	71	—	—				
East Harling - -	2,613	972	246	—	—				
East Wretham - -	2,800	136	33	—	—				
Feltwell - - -	13,181	1,347	369	—	—				
Feltwell Anchor -	103	66	11	—	—				
Garboldisham - -	2,757	545	151	—	—				
Gasthorpe - - -	871	70	20	—	—				
Great and Little Snarehill.	2,155	46	16	—	—				
Hockwold cum Wilton.	7,671	805	196	—	—				
Kilverstone - - -	2,048	100	23	—	—				
Lynford - - -	1,500	115	22	—	—				
Methwold - - -	13,370	1,325	347	—	—				
Mundford - - -	2,056	274	80	—	—				
North Lopham - -	2,018	606	167	—	—				
Northwold - - -	5,283	1,157	350	—	—				
Riddlesworth - -	1,167	94	24	—	—				
Rushford - - -	2,353	145	30	—	—				
Santon - - -	1,527	46	8	—	—				
South Lopham - -	1,954	430	127	—	—				
Sturston - - -	1,930	52	13	—	—				
Weeting with Bromehill.	6,234	312	74	—	—				
West Harling - -	3,116	126	26	—	—				
West Tofts - - -	3,082	165	39	—	—				
West Wretham - -	3,688	145	32	—	—				
Walsingham R.D.:									
Alethorpe - - -	243	5	1	—	—				
Bale - - -	1,067	241	45	—	—				
Barney - - -	1,408	254	55	—	—				
Binham - - -	2,293	446	90	—	—				
Blakeney - - -	1,500	708	148	—	—				
Briningham - - -	1,224	220	55	—	—				
Brinton - - -	629	109	22	—	—				
Cockthorpe - - -	552	67	12	—	—				
Dunton cum Doughton.	1,747	173	31	—	—				
East Barsham - -	1,194	139	36	—	—				
East Raynham - -	1,679	139	33	—	—				
Egmere - - -	1,251	97	17	—	—				
Fakenham - - -	2,231	3,181	581	—	—				
Field Dalling - -	1,632	280	65	—	—				
Fulmodeston cum Croxton.	2,356	300	67	—	—				
Great Ryburgh - -	1,576	612	132	—	—				
Great Snoring - -	1,692	484	97	—	—				
Great Walsingham	2,448	351	75	—	—				



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Norfolk—cont.</b>							
<b>Walsingham R.D.</b>							
—cont.							
Gunthorpe -	1,114	215	42	—	—	Wells	Fair and sufficient.
Helhoughton -	1,687	326	67	—	—		
Hempton -	532	489	94	—	—		
Hindringham -	3,391	582	121	—	—		
Holkham -	4,717	427	92	—	—		
Houghton St. Giles	992	134	31	—	—		
Kettlestone -	1,190	220	42	—	—		
Langham -	1,745	315	68	—	—		
Little Ryburgh -	909	133	28	—	—		
Little Snoring -	1,565	208	45	—	—		
Little Walsingham	988	817	173	—	—		
Melton Constable -	1,722	1,157	237	—	—		
Morston -	1,681	151	26	—	—		
North Barsham -	1,025	75	13	—	—		
Pensthorpe -	754	37	9	—	—		
Pudding Norton -	844	47	10	—	—		
Quarles -	596	31	5	—	—		
Saxlingham -	1,546	141	27	—	—		
Sculthorpe -	2,107	508	107	—	—		
Sharrington -	886	211	40	—	—		
Shereford -	872	82	17	—	—		
South Raynham -	1,067	118	24	—	—		
Stibbard -	1,651	437	76	—	—		
Stiffkey -	2,183	381	86	—	—		
Swanton Novers -	1,349	319	69	—	—		
Tatterford -	1,004	73	15	—	—		
Tattersett -	1,810	179	32	—	—		
Testerton -	622	42	10	—	—		
Thursford -	1,353	228	46	—	—		
Toftrees -	1,222	79	17	—	—		
Warham All Saints	1,112	247	47	—	—		
Warham St. Mary -	2,069	51	12	—	—		
West Barsham -	1,582	101	20	—	—		
West Raynham -	1,393	272	56	—	—		
Wighton -	2,946	474	80	—	—		
Wiveton -	1,048	137	34	—	—		
<b>Wayland R.D. :</b>							
Attleborough -	5,409	2,513	640	—	—	Wells	Good.
Banham -	3,994	999	248	—	—		
Besthorpe -	2,191	523	134	—	—		
Breckles -	1,644	104	22	—	—		
Carbrooke -	3,129	545	139	—	—		
Caston -	1,575	422	107	—	—		
Eccles -	1,773	198	42	—	—		
Great Ellingham -	2,756	611	154	—	—		
Griston -	1,391	229	60	—	—		
Hargham -	1,223	64	16	—	—		
Hockham -	3,479	523	122	—	—		
Illington -	1,295	65	15	—	—		
Kenninghall -	3,669	1,173	233	—	—		
Larling -	1,633	148	32	—	—		
Little Ellingham -	1,539	259	60	—	—		
Merton -	1,394	133	39	—	—		
New Buckenham -	360	487	132	—	—		
Old Buckenham -	5,024	1,076	268	—	—		
Ovington -	1,517	217	56	—	—		
Quidenham -	1,142	160	29	—	—		
Rockland All Saints and St. Andrew.	1,682	408	79	—	—		
Rockland St. Peter	1,030	298	66	—	—		
Roudham -	2,125	160	34	—	—		
Seoulton -	2,230	266	66	—	—		
Shropham -	2,745	322	84	—	—		
Snetterton -	2,207	176	44	—	—		
Stow Bedon -	1,741	302	77	—	—		
Thompson -	2,346	289	81	—	—		
Tottington -	3,244	209	51	—	—		
Watton -	1,866	1,436	375	—	—		
Wilby -	1,421	110	24	—	—		
<b>NORTHAMPTON- SHIRE.</b>							
Brackley B. -	3,489	2,633	605	585	Brackley T.C. - - -	Wells - -	Satisfactory.
Daventry B. -	3,633	3,516	857	777	Daventry T.C. and Daventry Water Works Co., Ltd.	Do. - -	Good and sufficient.
Desborough U.D.	2,400	4,092	907	892	Desborough U.D.C. - -	Wells & surface water.	Liable to pollution, but adequate.
Finedon U.D.	3,661	3,782	818	558	Finedon U.D.C. - - -	(a) Wells; (b) springs.	(a) Doubtful; (b) good.
Higham Ferrers B.	1,915	2,726	619	616	Higham Ferrers and Rushden Water Board.	Wells - -	Satisfactory and adequate.
Irthlingborough U.D.	3,722	4,630	988	644	Irthlingborough U.D.C. - -	Do. - -	Good and adequate.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northamptonshire</b> —cont.—							
Kettering U.D.	2,814	29,972	6,254	4,654	Kettering U.D.C. - - -	Wells - -	Generally satisfactory.
Northampton C.B.	3,469	90,064	18,950	18,710	Northampton T.C. - - -	Do. - -	Variable, but adequate.
Oundle U.D. - -	2,228	2,749	555	508	Oundle U.D.C. - - -	Do. - -	Satisfactory.
Raunds U.D. - -	4,460	3,873	896	818	Raunds U.D.C. - - -	Do. - -	Many liable to pollution but generally sufficient.
Rothwell U.D. -	3,638	4,416	995	810	Rothwell U.D.C. - - -	Do. - -	Satisfactory & sufficient.
Rushden U.D. -	3,777	13,354	2,801	2,733	Higham Ferrers and Rushden Water Board.	(a) Wells; (b) springs & rain- water.	(a) Satisfactory; (b) fair good.
Wellingborough U.D.	4,265	19,753	4,417	4,241	Wellingborough U.D.C. - -	Wells - -	Good.
<b>Brackley R.D.:</b>							
Astwell with Fal- cutt.	2,044	76	16	—	—	Wells - -	Good and sufficient.
Aynho - - -	2,542	489	119	—	—		
Croughton - -	2,162	402	114	—	—		
Culworth - - -	2,299	453	113	—	—		
Evenley - - -	3,164	363	99	—	—		
Eydon - - -	1,675	431	104	—	—		
Farthinghoe -	1,525	266	93	—	—		
Greatworth - -	882	159	42	—	—		
Helmdon - - -	1,799	489	136	—	—		
Hinton in the Hedges.	1,494	147	31	—	—		
King's Sutton -	4,175	1,181	285	—	—		
Marston St. Law- rence.	1,702	326	82	—	—		
Moreton Pinkney -	2,438	400	106	—	—		
Newbottle - -	2,181	417	85	76	Brackley R.D.C. - - -		
Radstone - - -	1,315	85	27	—	—		
Steane - - -	1,167	76	16	—	—		
Stuchbary - -	1,058	30	5	—	—		
Sulgrave - - -	2,035	364	103	—	—		
Syresham - - -	3,735	654	179	—	—		
Thenford - - -	1,028	130	29	—	—		
Thorpe Mandeville	1,030	126	34	—	—		
Whitfield - - -	990	143	42	—	—		
<b>Brixworth R.D.:</b>							
Althorp - - -	808	48	19	15	Earl Spencer - - -	Wells & springs	Good and adequate.
Boughton - - -	2,061	431	105	8	Northampton T.C. - - -		
Brington - - -	3,068	681	175	144	Earl Spencer - - -		
Brixworth - - -	3,148	1,209	303	—	—		
Chapel Brampton -	1,275	242	54	49*	Earl Spencer - - -		
Church Brampton -	1,160	169	48	41			
Cold Ashby - -	2,159	238	72	—	—		
Coton - - -	709	76	25	—	—		
Cottesbrooke -	2,824	190	53	—	—		
Draughton - -	1,480	122	30	—	—		
East Haddon - -	2,753	478	135	121	Brixworth R.D.C. - - -		
Faxton - - -	1,851	41	9	—	—		
Great Creaton -	1,312	336	96	31	Brixworth R.D.C. - - -		
Gulfsborough - -	2,248	535	139	—	—		
Hanging Houghton	1,316	104	27	—	—		
Hannington - -	1,248	149	39	—	—		
Harlestone - -	2,563	536	133	117	Earl Spencer - - -		
Haselbech - - -	1,653	121	41	—	—		
Holeot - - -	1,399	289	94	—	—		
Holdenby - - -	1,865	202	46	—	—		
Hollowell - - -	1,064	180	46	30	Hollowell P.C. - - -		
Lamport - - -	1,438	175	40	—	—		
Maidwell - - -	1,803	179	49	—	—		
Mawsley - - -	442	20	4	—	—		
Moulton - - -	3,139	1,240	362	—	—		
Moulton Park - -	853	142	30	15	Northampton T.C. - - -		
Naseby - - -	3,419	456	131	—	—		
Old - - -	2,076	337	79	—	—		
Overstone - - -	1,764	214	65	—	—		
Pitsford - - -	1,460	464	132	—	—		
Ravensthorpe -	1,497	322	91	8	Northampton T.C. - - -		
Scaldwell - - -	1,247	274	78	—	—		
Spratton - - -	2,248	718	185	—	—		
Teeton - - -	684	73	19	—	—		
Thornby - - -	1,232	208	54	—	—		
Walgrave - - -	2,381	634	174	—	—		
<b>Crick R.D.:</b>							
Barby - - -	3,469	457	125	—	—	Wells - -	Fair and usually suffi- cient.
Claycoton - - -	988	69	20	—	—		

\* Chapel Brampton.—Northampton T.C. supply 30 of these houses during summer months.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northamptonshire</b> —cont.							
<b>Crick R.D.—cont.</b>							
Crick - - -	3,356	639	195	—	—	Wells - -	Fair and sufficient.
Elkington - - -	1,984	67	15	—	—		
Kilsby - - -	2,576	530	140	—	—		
Lilbourne - - -	1,710	198	60	—	—		
Stanford - - -	2,143	32	10	—	—	Do. - -	Fair, but occasional inadequate.
Yelvertoft - - -	2,321	360	115	—	—	Do. - -	Fair and sufficient.
						Do. - -	Indifferent and insufficient at times.
<b>Daventry R.D. :</b>							
Ashby St. Ledgers -	1,935	226	50	40	Lord Ashby St. Ledgers		
Badby - - -	1,765	423	120	38	Daventry R.D.C. - - -		
Braunston - - -	3,261	1,059	270	—	—		
Brockhall - - -	874	45	8	—	—		
Byfield - - -	2,760	809	210	—	—		
Canon's Ashby - - -	1,830	82	15	—	—		
Catesby - - -	2,017	94	23	—	—		
Charwelton - - -	2,353	182	40	—	—		
Dodford - - -	1,451	173	40	—	—		
Everdon - - -	2,557	476	130	—	—		
Farthingstone - - -	1,805	223	60	—	—		
Fawsley - - -	1,888	42	10	—	—		
Floore - - -	2,698	821	250	—	—		
Hellidon - - -	1,661	230	65	—	—		
Long Buckby - - -	4,078	2,467	675	290	Daventry R.D.C. - - -		
Newnham - - -	1,663	364	100	—	—		
Norton - - -	3,110	363	95	50	Lord A. Thynne - - -		Good and fairly sufficient.
Preston Capes - - -	2,793	193	50	40	Sir C. V. Knightley, Bart. -		
Staverton - - -	2,223	331	85	—	—		
Stowe Nine Churches. - - -	1,814	212	60	—	—		
Watford - - -	3,269	368	95	—	—		
Weedon Beck - - -	2,016	1,593	350	—	—		
Welton - - -	1,976	380	100	—	—		
West Haddon - - -	2,700	753	200	—	—		
Whilton - - -	969	221	65	—	—		
Winwick - - -	2,079	148	30	—	—		
Woodford cum Membris. - - -	2,797	1,520	350	272	Woodford Halse Water Co., Ltd.		
<b>Easton on the Hill R.D. :</b>							
Collyweston - - -	1,574	378	100	—	—		
Duddington - - -	1,417	271	82	—	—		
Easton on the Hill -	3,350	893	212	180	Easton on the Hill P.C. -		
<b>Gretton R.D. :</b>							
Fineshade - - -	802	56	14	—	—	Do. - -	Good and adequate.
Gretton - - -	3,878	771	180	—	—		
Harringworth - - -	3,450	257	73	—	—		
Laxton - - -	1,364	137	26	—	—		
Rockingham - - -	926	154	42	—	—	Wells and springs	Doubtful, but sufficient.
Wakerley - - -	1,890	156	30	—	—		
<b>Hardingstone R.D.</b>							
Brafield on the Green. - - -	1,282	478	130	129	Hardingstone R.D.C. - - -		
Castle Ashby - - -	1,978	232	56	46	Marquess of Northampton -		
Cogenhoe - - -	820	485	126	—	—		
Collingtree - - -	688	211	58	—	—		
Courteenhall - - -	1,601	151	41	—	—		
Denton - - -	1,555	416	126	118	Hardingstone R.D.C. - - -		
Great Houghton - - -	1,712	265	78	—	—		
Hackleton - - -	1,086	346	97	—	—		
Hardingstone - - -	2,581	716	182	150	Messrs. E. Roys and H. H. P. Bouverie. - - -	Do. - -	Good and adequate
Horton - - -	1,936	141	22	—	—		
Little Houghton - - -	1,730	414	122	12	C. Smyth, Esq. - - -		
Milton - - -	1,479	534	157	—	—		
Piddington - - -	1,693	377	106	—	—		
Preston Deanery - - -	1,475	114	24	—	—		
Quinton - - -	1,225	115	32	—	—		
Roade - - -	1,663	660	183	—	—		
Rothersthorpe - - -	1,275	240	64	—	—		
Whiston - - -	833	61	15	15	Messrs. Wassel & Pain - -		
Wootton - - -	1,740	725	177	—	—		
Yardley Hastings - -	4,190	887	263	250	Marquess of Northampton -		
<b>Kettering R.D. :</b>							
Barford - - -	410	12	4	—	—		
*Barton Seagrave - -	1,836	195	45	7	Kettering R.D.C. - - -		
Beanfield Lawns - -	381	12	2	—	—		
Broughton - - -	1,742	1,081	245	—	—		
Burton Latimer - - -	2,756	3,420	730	430	Kettering R.D.C. - - -		Unsatisfactory.
Corby - - -	2,640	1,356	300	—	—		
Cottingham - - -	1,726	573	135	—	—		
Cranford St. And- rew. - - -	1,398	183	40	—	—		
Cranford St. John - -	953	240	64	—	—	Do. - -	Satisfactory.
Cransley - - -	2,113	325	80	—	—		

\* Barton Seagrave.—Houses are now being connected to the piped service.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northamptonshire</b> <i>—cont.</i>							
<b>Kettering R.D.—</b> <i>cont.</i>							
East Carlton -	1,573	87	20	—	—	Wells	Satisfactory.
Geddington -	2,356	1,009	235	—	—		
Glendon -	791	48	10	—	—		
Grafton Underwood	1,825	187	49	—	—		
Great Oakley -	2,208	201	50	—	—		
Great Weldon -	2,647	252	60	—	—		
Harrington -	2,593	182	40	—	—		
Little Oakley -	780	92	20	—	—		
Little Weldon -	1,316	585	130	—	—		
Loddington -	1,235	381	80	—	—		
Middleton -	1,666	278	80	—	—		
Newton -	1,210	127	25	—	—		
Orton -	975	117	20	—	—		
Pythchley -	2,866	533	130	125	Kettering R.D.C. -		
Rushton -	3,231	456	105	61	T. B. Clarke Thornhill, Esq. -		
Stanion -	1,644	324	75	70	Kettering R.D.C. -		
Thorpe Malsor -	925	170	40	35	Kettering U.D.C. -		
Warkton -	1,924	213	55	50	Kettering R.D.C. -		
Weekley -	1,617	256	55	50			
<b>Middleton Cheney</b> <b>R.D. :</b>							
Appletree -	549	62	12	—	—	Do.	Good and sufficient.
Aston le Walls -	1,053	123	35	—	—		
Chalcombe -	1,725	364	91	—	—		
Chipping Warden -	2,390	347	76	—	—		
Edgcote -	1,378	86	21	—	—		
Lower Boddington	1,352	164	48	40	Middleton Cheney R.D.C. -		
Middleton Cheney -	2,320	1,126	260	—	—		
Upper Boddington	1,792	237	52	—	—		
Warkworth -	1,329	65	15	—	—		
<b>Northampton R.D.:</b>							
Bugbrooke -	2,242	761	214	—	—	Do.	Satisfactory & sufficient.
Dallington -	1,343	263	63	3	Northampton T.C. -		
Duston -	1,604	1,229	302	101	Do.	Wells & spring Wells	Satisfactory & sufficient.
Great Billing -	1,387	297	85	—	—		
Harpole -	1,943	870	227	14	H. J. Manning Watts, Esq. -	Wells	Satisfactory & sufficient.
Kislingbury -	1,844	609	170	170	Northampton R.D.C. -		
Little Billing -	871	65	19	13	Lady Wantage -	Springs	Satisfactory & sufficient.
Nether Heyford -	1,197	696	187	171	Northampton R.D.C. -		
Upper Heyford -	900	96	23	—	—	Wells	Satisfactory & sufficient.
Upton -	984	1,186	38	—	—		
Weston Favell -	1,913	627	155	30	Northampton T.C. -	Do.	Satisfactory & sufficient.
<b>Oundle R.D. :</b>							
Apethorpe -	1,784	241	50	50	H. L. C. Brassey, Esq., M.P. -	Wells and pond	Good and generally adequate.
Armston -	853	26	6	—	—		
Ashton -	1,848	207	41	41	Hon. N. C. Rothschild -	Wells and springs.	Good and adequate.
Barnwell All Saints	1,781	96	29	—	—		
Barnwell St Andrew.	1,681	238	50	—	—	Wells and springs.	Good and adequate.
Benefield -	5,664	412	101	101	Capt. A. E. Watts Russell -		
Blatherwycke -	2,012	102	28	—	—	Wells and springs.	Good and adequate.
Bulwick -	2,154	227	56	—	—		
Cotterstock -	706	144	32	—	—	Wells	Good and adequate.
Deene -	1,831	160	42	—	—		
Deenethorpe -	1,338	132	34	—	—	Wells	Good and adequate.
Elton (Hunts) -	3,758	607	147	25	Col. D. J. H. Proby -		
Fotheringhay -	2,109	200	35	—	—	Wells & springs - Pond and rain- water.	Doubtful & inadequate.
Glaphthorn -	1,481	248	65	—	—		
Great Gidding	2,348	313	74	—	—	Rain-water	Wells mostly polluted.
(Hunts).	—	—	—	—	—		
Hemington -	1,354	124	24	—	—	Wells & springs - Wells	Good and adequate.
King's Cliffe -	3,749	1,086	271	240	H. L. C. Brassey, Esq., M.P. -		
Lilford cum Wigs- thorpe.	1,858	158	36	12	Lord Lilford -	Ponds and rain- water.	Doubtful and inadequate.
Little Gidding	3,724	48	11	—	—		
(Hunts).	—	—	—	—	—	Wells & springs - Pond and rain- water.	Fair.
Luddington -	1,104	66	21	—	—		
Lutton -	1,490	150	42	—	—	Wells & springs - Springs	Doubtful and inadequate.
Nassington -	2,507	517	129	—	—		
Pilton -	1,406	98	30	—	—	Wells	Good and adequate.
Polebrook -	1,837	317	69	—	—		
Southwick -	4,625	212	40	—	—	Wells	Good and adequate.
Stoke Doyle -	1,570	113	24	—	—		
Tansor -	1,492	219	44	—	—	Pond, wells, and rain-water.	Doubtful and inadequate.
Thorpe Achurch -	1,609	177	49	—	—		
Thurning -	1,016	116	32	—	—	Springs	Good and adequate.
Wadenhoe -	1,199	191	42	30	Capt. G. Ward Hunt -		
Warnington -	4,013	544	128	—	—	Wells	Fairly good, but in- adequate.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northamptonshire</b> —cont.							
<b>Oundle R.D.—cont.</b>							
Winwick (Hunts.) -	1,781	172	39	—	—	Wells and ponds	Doubtful and inadequate.
Woodnewton -	1,396	288	67	—	—	Wells -	Good and adequate.
Yarwell -	1,210	238	62	—	—		
<b>Oxendon R.D. :</b>							
Arthingworth -	1,756	177	47	—	—	Wells -	Good and ample.
Ashley -	1,230	191	62	—	—		
Brampton Ash -	2,289	130	37	—	—		
Braybrooke -	2,893	268	81	—	—		
Clipston -	2,896	497	130	—	—		
Dingley -	1,353	135	27	—	—	Wells -	Good and ample.
East Farndon -	1,538	193	51	51	Oxendon R.D.C. -		
Great Oxenden -	1,866	173	58	—	—		
Hothorpe -	954	48	11	—	—		
Kelmarsh -	2,867	152	36	—	—		
Marston Trussel -	1,348	164	42	—	—	Wells -	Good and ample.
Sibbertoft -	2,043	245	68	—	—		
Stoke Albany -	1,728	292	77	77	Oxendon R.D.C. -		
Sulby -	1,580	67	12	—	—		
Sutton Bassett -	748	70	24	—	—		
Thorpe Lubenham -	365	22	3	—	—	Wells -	Good and ample.
Welford -	3,132	849	270	—	—		
Weston by Welland -	1,029	140	43	—	—		
Wilbarston -	2,876	463	133	—	—		
<b>Potterspury R.D.:</b>							
Alderton -	882	114	28	—	—	Wells -	Doubtful, but generally adequate.
Ashton -	1,317	280	76	—	—		
Cosgrove -	1,445	668	176	—	—		
Furtho -	693	29	6	—	—		
Grafton Regis -	1,415	92	26	—	—		
Hartwell -	2,049	362	106	97	Potterspury R.D.C. -		
Passenham -	3,253	1,001	246	199			
Paulerspury -	3,038	902	244	—	—		
*Potterspury -	1,283	873	229	26	Potterspury R.D.C. -		
Wicken -	2,321	362	103	92	Lord Penrhyn -		
Yardley Gobion -	1,080	506	122	—	—		
<b>Thrapston R.D. :</b>							
Aldwinkle St. Peter -	2,886	383	104	—	—	Wells -	Good.
Brigstock -	6,147	1,000	224	224	Thrapston R.D.C. -	—	—
Brington (Hunts.) -	1,055	96	35	—	—	Wells -	Fairly good.
Bythorn (Hunts.) -	1,570	148	50	—	—	Do. -	Very good.
Chelveston cum Caldecott.	1,806	352	92	—	—	Wells and ponds	Fairly good.
Clopton -	1,953	186	38	—	—	Do. -	Not very satisfactory.
Covington (Hunts.) -	1,294	113	30	—	—	Wells -	—
Denford -	1,755	415	105	—	—	Wells and ponds	Not very satisfactory.
Great Addington -	1,261	273	64	64	Thrapston R.D.C. -		
Hargrave -	1,429	242	65	—	—		
Islip -	1,392	638	165	—	—		
Keyston (Hunts.) -	2,691	181	43	—	—		
Little Addington -	1,143	290	75	—	—	Wells -	Fairly good.
Lowick -	2,028	320	86	86	S. G. Stopford Sackville, Esq. -	Do. -	Good.
Molesworth (Hunts.) -	1,787	120	31	—	—	Wells -	Fairly good.
Old Weston (Hunts.) -	2,051	205	49	—	—	Wells and ponds	Not very satisfactory.
Ringstead -	2,021	934	246	—	—	Wells -	Fairly good.
Slipton -	825	102	25	—	—	Do. -	Good.
Stanwick -	2,023	922	220	—	—	Do. -	Fairly good.
Sudborough -	1,819	194	52	52	Lord Barnard -	—	—
Thrapston -	1,150	1,836	414	—	—	Wells -	Some satisfactory, others unsatisfactory.
Fitchmarsh -	3,988	597	170	—	—	Do. -	Fairly good.
Twywell -	945	460	114	—	—	Do. -	Very good.
Woodford -	2,265	1,505	357	357	Thrapston R.D.C. -	—	—
<b>Towcester R.D. :</b>							
Abthorpe -	1,973	324	87	77	Towcester R.D.C. -	Wells -	Good and ample.
Adstone -	1,430	137	35	—	—		
Blakesley -	2,391	423	130	114	Towcester R.D.C. -		
Blisworth -	1,964	823	215	—	—		
Bradden -	1,035	90	28	—	—		
Cold Higham -	1,730	276	70	—	—	Springs -	—
Easton Neston -	1,749	149	40	—	—	Wells -	Good and adequate.
Gayton -	1,736	357	100	85	Towcester R.D.C. -		
Green's Norton -	2,361	791	208	188	—		
Litchborough -	1,752	258	84	—	—		
Maidford -	1,086	223	70	64	Towcester R.D.C. -		
Pattishall -	2,689	882	220	—	—	Do. -	Good and ample.
Plumpton -	894	24	9	—	—		
Shutlanger -	1,363	323	84	—	—		
Silverstone -	1,856	981	270	—	—		
						Wells & springs	Good and adequate.

\* Potterspury R.D.—An additional supply is being provided in Potterspury.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northamptonshire</b> —cont.							
<b>Towcester R.D.—</b> cont.							
Slapton - - -	659	108	34	—	—	Springs - -	Good and adequate.
*Stoke Bruerne - -	1,270	381	100	—	—	Do. - -	Good and generally ade- quate.
Tiffeld - - -	1,267	273	46	—	—	Wells - -	Good and ample.
Towcester - - -	3,634	2,349	590	550	Towcester R.D.C. - - -	Springs - -	
Wappenham - - -	2,313	386	120	—	—	Wells - -	
Weedon Lois - - -	2,304	354	109	—	—	Springs - -	
Whittlebury - - -	3,243	371	120	—	—	Wells - -	
Woodend - - -	1,758	199	60	—	—		
<b>Wellingborough</b> R.D.:							
Bozeat - - -	2,605	1,192	342	—	—	Wells - -	Satisfactory.
Earls Barton - - -	2,307	2,556	671	402	Wellingborough R.D.C. Higham Ferrers and Rushden Water Board (bulk).	Wells - -	Satisfactory.
Easton Maudit - -	1,800	144	35	35	Marquess of Northampton -	—	
Ecton - - -	2,303	504	140	140	Wellingborough R.D.C. -	—	
Great Doddington -	1,628	482	119	119	Marquess of Northampton -	—	
Great Harrowden -	1,481	146	25	15	Lord Vaux of Harrowden -	Wells - -	
Grendon - - -	1,727	416	120	—	—	—	
Hardwick - - -	1,269	113	29	29	Wellingborough U.D.C. -	—	
Higham Park - - -	600	6	2	—	—	—	
Irchester - - -	2,788	2,224	544	110	Higham Ferrers, &c., Water Board (bulk).	Wells - -	
Isham - - -	1,401	358	101	80	Wellingborough R.D.C. -	—	
Little Harrowden -	1,574	682	168	—	—	—	
Mears Ashby - - -	1,670	372	99	—	—	Wells - -	
Newton Bromswold -	828	84	23	—	—	—	
Orlinsbury - - -	1,939	233	70	—	—	—	
Strixton - - -	812	57	15	—	—	—	
Sywell - - -	2,177	158	50	—	—	—	
Wilby - - -	1,161	418	107	107	Wellingborough R.D.C. -	—	
Wollaston - - -	3,045	2,449	560	60	Higham Ferrers, &c., Water Board (bulk)	Wells - -	
<b>NORTHUMBER- LAND.</b>							
Alnwick U.D. - - -	4,777	7,041	1,417	1,397	Alnwick U.D.C. - - - Duke of Northumberland -	Wells & springs	Satisfactory & generally adequate.
Amble U.D. - - -	1,258	4,881	971	971	Amble U.D.C. - - -	—	—
Ashington U.D. - -	3,041	24,583	4,027	4,023	Cowpen Coal Co., Ltd., thro' Milburn Estates, Ltd.(bulk); and Ashington Coal Co., Ltd. (bulk).	Wells - -	Not very satisfactory.
Bedlingtonshire U.D. - - -	8,533	25,440	4,790	4,789	Bedlingtonshire U.D.C. and Tynemouth T.C. (bulk). (Berwick upon Tweed T.C. - Tweedmouth Wrwks. Co., Ltd. W. Dickson, Esq. and Miss C. H. Dickson jointly). Messrs. G. S. Riddle and Sons Blyth U.D.C.; Newcastle & Gateshead W. Co. (bulk). Seaton Delaval Coal Co., Ltd. Tynemouth T.C. (bulk), and thro' Cramlington U.D.C.	Springs - -	Good and adequate.
Berwick upon Tweed B. - - -	6,396	13,075	1,810	1,442	—	Wells, springs, and stream.	Very doubtful & seriously inadequate; many distant from houses.
Blyth U.D. - - -	4,312	30,591	5,277	5,277	—	—	—
Cramlington U.D. -	4,583	8,093	1,634	1,626	Tynemouth T.C. (bulk) & New- castle, &c., Water Co.	Wells - -	Fair and adequate.
Earsdon U.D. - - -	4,705	10,568	1,896	1,890	Newcastle, &c., Water Co. (bulk).	Well - -	Fairly good.
Gosforth U.D. - - -	1,303	15,490	2,557	2,549	Newcastle, &c., Water Co. -	Wells - -	Satisfactory and adequate.
Hexham U.D. - - -	5,149	8,417	1,652	1,614	Hexham U.D.C. - - -	Wells & springs	Fairly good.
Longbenton U.D. -	5,347	12,443	2,277	2,271	Newcastle, &c. Water Co. -	Wells - -	Good and sufficient.
Morpeth B. - - -	328	7,433	1,369	1,369	Morpeth T.C. - - -	—	—
†Newbiggin by the Sea U.D. - - -	631	3,719	932	932	Tynemouth T.C. (bulk), and Newbiggin Colliery Co., Ltd.	—	—
Newburn U.D. - - -	4,673	17,155	3,086	3,063	Newcastle, &c. Water Co. -	Wells & springs	Good, but inadequate at times.
Newcastle upon Tyne C.B. - - -	8,452	266,603	32,808	32,808	Do. - - -	—	—
Prudhoe U.D. - - -	3,889	8,212	1,620	1,564	Do. - - -	Wells - -	Doubtful and variable.
Rothbury U.D. - - -	970	1,147	261	246	Rothbury Waterworks Co., Ltd. Hill Side W. Supply Co., Ltd.	Wells & springs	Satisfactory.
Seaton Delaval U.D. - - -	5,348	7,174	1,525	1,475	Tynemouth T.C. (bulk) - -	Wells and sur- face water.	Fair and sufficient.
Seghill U.D. - - -	1,427	2,042	407	397	Newcastle & Gateshead Water Co. (bulk).	Wells - -	Satisfactory.

\* Stoke Bruerne.—Towcester R.D.C. are about to provide a supply. † Newbiggin by the Sea U.D.—As extended from 1st April, 1913.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northumberland</b> —cont.							
Tynemouth C.B. -	4,372	58,816	9,892	9,836	Tynemouth T.C. - - -	Wells & springs	Satisfactory & adequate.
Wallsend B. -	3,420	41,461	5,050	5,050	Newcastle, &c., Water Co. -	—	—
Weetslade U.D. -	2,198	6,700	1,046	1,041	Do. (bulk) - - -	Wells - - -	Satisfactory & adequate.
Whitley and Monkseaton U.D.	1,973	14,457	3,158	3,158	Tynemouth T.C. and through Seaton Delaval U.D.C.	—	—
<b>Alnwick R.D.:</b>							
Abberwick - -	1,680	62	14	14	Capt. W. N. Burrell - - -	—	—
Acklington - -	2,121	230	50	—	—	Wells & springs -	Wells polluted; springs satisfactory & sufficient.
Acklington Park -	795	60	14	—	—	(a) Field drain. (b) springs.	(a) Inferior & insufficient, (b) satisfactory.
Acton & Old Felton	1,526	67	16	—	—	Wells - - -	Satisfactory.
Alnmouth - -	327	542	130	130	Alnwick R.D.C. - - -	—	—
Bassington - -	236	7	2	2	Duke of Northumberland -	—	—
Beanley - - -	2,323	101	19	19	Do. - - -	—	—
Birling - - -	905	67	19	19	Alnwick R.D.C. - - -	—	—
Bolton - - -	2,062	92	21	21	W. H. Pawson, Esq., and other property owners.	—	—
Broome Park - -	472	39	9	9	Capt. W. N. Burrell - - -	—	—
Brotherwick - -	186	29	1	1	Alnwick R.D.C. - - -	—	—
Broxfield - - -	319	22	4	4	Duke of Northumberland -	—	—
Brunton - - -	971	48	11	11	Capt. Browne - - -	—	—
Craster - - -	652	182	45	45	Viscount Howick - - -	—	—
Crawley - - -	323	17	4	4	Alnwick R.D.C. - - -	—	—
Denwick - - -	11,972	713	147	24	W. H. Pawson, Esq. - - -	—	—
Ditchburn - - -	1,664	32	8	8	Duke of Northumberland -	(a) Surface water, (b) springs.	(a) Inferior & insufficient, (b) satisfactory.
Doxford - - -	609	74	17	17	W. Carr, Esq. - - -	—	—
Dunstan - - -	1,749	263	57	57	Rt. Hon. W. Runciman, M.P. -	—	—
Edlingham - - -	5,818	73	18	—	Alnwick R.D.C. - - -	(a) Well, (b) springs.	(a) Polluted, (b) satisfac- tory.
Eglingham - - -	2,007	218	48	48	—	—	—
Elyhaugh - - -	283	18	4	4	Alnwick R.D.C. - - -	—	—
Embleton - - -	2,086	560	139	100	C. Riddell, Esq. - - -	—	—
Falldon - - -	1,061	62	15	15	Trustees of Alex. Browne, Esq. -	—	—
Felton - - -	1,076	453	125	125	Mrs. Eyres Monsell - - -	Springs - - -	Good and adequate.
Glanton - - -	1,392	447	115	100	Rt. Hon. Sir E. Grey, Bart., M.P. -	—	—
Gloster Hill - -	213	36	8	—	Do. - - -	—	—
Greens & Glantlees	993	23	4	4	Felton Water Committee - - -	—	—
Guyzance - - -	1,403	166	40	40	Alnwick R.D.C. - - -	Springs - - -	Good and adequate.
Harehope - - -	520	39	8	8	Duke of Northumberland -	Wells - - -	Good.
Hauxley - - -	774	1,756	301	301	A. F. B. Cresswell, Esq. - - -	—	—
Hazon & Hartlaw -	1,447	75	15	15	Alnwick R.D.C. - - -	—	—
Hedgeley - - -	709	96	22	22	W. E. Lawson, Esq. - - -	—	—
High Buston - -	737	80	22	22	Lieut. Col. R. H. Carr-Ellison -	—	—
Howick - - -	1,639	198	56	56	Duke of Northumberland -	—	—
Learchild - - -	474	19	5	5	Earl Grey - - -	—	—
Lemington - - -	2,041	68	14	14	S. H. Aitcheson, Esq. - - -	—	—
Lesbury - - -	4,059	921	190	190	Do. - - -	—	—
Littlehoughton -	824	108	20	20	Duke of Northumberland -	—	—
Loughoughton - -	3,192	589	132	132	Earl Grey - - -	—	—
Low Buston - - -	906	77	17	17	Viscount Howick - - -	—	—
Morwick - - -	766	66	14	14	Duke of Northumberland -	—	—
Newton by the Sea	1,250	192	47	43	D. Deuchar, Esq. - - -	—	—
Newton on the Moor	940	179	42	42	Duke of Northumberland -	Wells & springs	Satisfactory.
North Charlton - -	2,809	132	33	33	Mrs. Eyres Monsell - - -	—	—
Rennington - - -	1,774	230	53	53	Mrs. Forster - - -	—	—
Rock - - -	2,054	163	42	42	Alnwick R.D.C. - - -	—	—
Shawdon - - -	1,232	95	20	20	A. F. B. Cresswell, Esq. - - -	—	—
Shilbottle - - -	3,000	423	87	87	Duke of Northumberland -	—	—
Shipley - - -	2,038	54	13	3	Prof. R. C. Bosanquet - - -	—	—
South Charlton - -	1,884	116	27	27	W. H. Pawson, Esq. - - -	—	—
Stamford - - -	1,661	105	22	22	Duke of Northumberland -	Springs & stream	Very bad.
Sturton Grange - -	1,119	125	28	12	J. Harrington, Esq. - - -	—	—
Swarland - - -	2,212	101	22	—	Duke of Northumberland -	—	—
Tiltington - - -	2,267	62	12	12	Mrs. Eyres Monsell - - -	(a) Well, (b) springs.	(a) Polluted and insuffi- cient, (b) satisfactory.
Togston - - -	1,077	623	162	162	J. Fenwick, Esq. - - -	Springs - - -	Satisfactory.
Walkmill - - -	123	5	1	1	—	—	—
Warkworth - - -	1,140	710	165	165	W. H. Pawson, Esq. - - -	—	—
Whittle - - -	550	10	6	6	Alnwick R.D.C. - - -	—	—
Woodhouse - - -	567	39	5	5	Duke of Northumberland -	—	—
<b>Belford R.D.:</b>							
Adderstone - - -	2,693	245	57	50	Lord Armstrong and Duke of Northumberland.	Wells - - -	Satisfactory.
Bamburgh - - -	1,250	417	110	110	Sir W. S. Church, Bart., M.D. -	—	—
Bamburgh Castle -	6	16	3	3	C. F. Dixon Johnson, Esq. - -	—	—
Bednall - - -	805	317	72	69	T. H. B. Graham, Esq. - - -	—	—
					Lord Armstrong and Duke of Northumberland.	—	—
					Do. - - -	—	—
					North Sunderland Waterworks Co. (bulk).	Wells - - -	Fair.



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<b>Northumberland</b>							
<i>—cont.</i>							
<b>Belford R.D.—cont.</b>							
Belford - - -	2,860	743	170	63	T. H. B. Graham, Esq. G. D. Atkinson Clark, Esq.	Springs - -	Good.
Bradford - - -	561	43	10	10	Lord Armstrong and Duke of Northumberland.		
Budle - - -	765	57	15	—	—	Springs - -	Good.
Burton - - -	1,085	76	18	—	—		
Chathill - - -	438	58	13	8	N. Sunderland Waterwks. Co.		
Detchant - - -	2,178	81	21	21	Maj. G. F. Towleron Leather.		
Easington - - -	865	121	31	13	T. H. B. Graham, Esq. N. E. Railway Co.	Wells - -	Fair.
Easington Grange -	401	50	9	—	—		
Elford - - -	1,075	55	11	5	Col. Railston		
Ellingham - - -	3,176	209	56	44	N. Sunderland Waterwks. Co., and Sir J. Haggerston.		
Elwick - - -	884	35	9	9	Earl of Tankerville	Wells - -	Fair.
Fleetham - - -	570	63	13	7	N. Sunderland Waterwks. Co.		
Glororum - - -	460	44	8	8	Lord Armstrong and Duke of Northumberland.	Wells - -	Fair.
Lucker - - -	1,602	184	42	36	Duke of Northumberland		
Middleton - - -	1,232	139	32	32	Maj. G. F. Towleron Leather.	Wells - -	Fair.
Monks House - - -	2	3	1	—	—		
Mousen - - -	792	54	12	12	Governors of Shaftoe (Educa- tional) Foundation.	Wells - -	Fair.
Newham - - -	2,690	158	42	6	Lord Armstrong and Duke of Northumberland.		
Newstead - - -	2,056	89	21	21	Do. do.	Well - -	Fair.
North Sunderland -	1,178	1,069	220	200	N. Sunderland Waterwks. Co.		
Outchester - - -	1,067	92	17	1	J. Hunter, Esq.	Springs - -	Fair.
Preston - - -	455	60	14	14	Miss I. B. Cresswell		
Ratchwood - - -	154	13	2	—	—	Wells - -	Fair.
Ross - - -	1,715	50	8	8	Earl of Tankerville		
Shoreston - - -	697	74	15	8	N. Sunderland W. wks. Co. (bulk)	Wells - -	Fair.
Spindleston - - -	461	86	20	20	Trustees of Alex. Browne, Esq.		
Swinhoe - - -	1,578	131	28	18	North Sunderland Waterworks Co. (bulk).	Wells - -	Fair.
Tughall - - -	1,537	72	20	6	Duke of Northumberland		
Warenford - - -	666	17	3	3	R. W. Maling, Esq.	—	—
Warenton - - -	1,585	79	20	20	T. H. B. Graham, Esq.		
<b>Bellingham R.D.:</b>							
Bellingham - - -	19,724	1,358	379	238	Bellingham R.D.C., Duke of Northumberland and various property owners.	—	—
Birtley - - -	6,979	387	89	50	Duke of Northumberland, N. British Railway Co., and other property owners.		
Carrycoats - - -	1,720	34	10	2	Exors. of the late T. Sample.	—	—
Catcherside - - -	614	16	2	—	—		
Chirdon - - -	6,514	58	11	—	—	—	—
Coldwell - - -	305	4	1	—	—		
Corsenside - - -	11,506	640	171	49	Newcastle & Gateshead Water Co., N. British Railway Co., and various property owners	—	—
Crookdean - - -	357	7	1	—	—		
Fawns - - -	272	5	1	—	—	—	—
Great Bavington -	1,575	36	13	1	T. Hall, Esq.		
Hawick - - -	1,281	9	1	—	—	—	—
Kirkharle - - -	2,103	92	24	—	—		
Kirkwhelpington -	2,863	193	48	31	Duke of Northumberland	—	—
Little Bavington -	1,815	43	13	—	—		
Little Harle - - -	710	43	8	4	G. Anderson, Esq. H. Pease, Esq., Duke of Northumberland, Sir. C. Morrison Bell, Bart., and Trustees of the late R. Burdon Sanderson.	Wells springs.	Fair.
Otterburn - - -	8,565	333	80	51	—		
Plashtets and Tyne- head.	29,225	597	124	55	Plashtets Coal & Coke Co., Ltd., Duke of Northumberland, North British Ry. Co., and various property owners.	—	—
Rochester Ward -	23,282	294	84	33	Lord Redesdale, Duke of Northumberland, New- castle, &c., Water Co., and Army Council.		
Smalesmouth - - -	13,458	124	31	4	Spencer Trustees	—	—
Sweetthope - - -	1,026	10	2	—	—		
Tarset West - - -	18,789	98	19	7	Duke of Northumberland and J. W. Watson, Esq.	—	—
Thockrington - - -	2,452	24	7	—	—		
Thorneyburn - - -	2,980	113	28	—	—	—	—
Troughend - - -	26,470	210	48	19	Newcastle, &c., Water Co., Sir C. Morrison Bell, Bart., and other property owners.		
Wark - - -	23,539	665	186	121	Bellingham R.D.C. & various property owners.	—	—
Wellhaugh - - -	33,802	275	60	3	Duke of Northumberland		
West Harle - - -	652	11	2	—	—	—	—
West Whelpington	4,002	76	17	10	Sir C. A. Parsons, Bart., and Messrs. Thornton.		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Northumberland</b> —cont.							
<b>Castle Ward R.D.:</b>							
Belsay -	2,543	231	52	38	Sir A. E. Middleton, Bart.	Springs & wells -	Good.
Berwick Hill -	1,776	73	17	—	—	Do. -	Good, but several distant from houses.
Bitchfield -	739	22	4	—	—	Wells -	Good.
Black Callerton -	1,384	614	104	83	Newcastle & Gateshead Water Co.; T. H. B. Graham, Esq.	Wells & springs -	Good, but several distant from houses.
Black Heddon -	1,669	34	7	—	—	Wells -	Good.
Bolam -	1,119	99	19	10	F. B. Atkinson, Esq.	Springs -	Very good.
Bolam Vicarage -	139	11	3	—	—	Wells -	Good.
Bradford -	1,093	29	5	—	—	—	—
Brenkley -	1,043	59	10	10	Newcastle, &c., Water Co.	—	—
Capheaton -	2,317	168	46	—	—	—	—
Cheeseburn Grange -	819	60	15	6	F. Riddell Blount, Esq.	Wells & springs -	Good.
Coldcoats -	1,078	31	7	—	—	Wells -	—
Dalton -	1,058	78	18	18	E. G. Collingwood, Esq.	—	—
Darras Hall -	424	17	6	6	Newcastle, &c., Water Co.	—	—
Dinnington -	937	976	209	196	Do. do.	Wells -	Good.
Eachwick -	983	98	19	—	—	Wells & springs -	—
East Brunton -	956	187	36	36	Newcastle, &c., Water Co.	—	—
East Heddon -	1,017	85	15	15	Northumberland Co. Council (Small Holdings, &c. Com.)	—	—
East Matfen -	2,101	135	28	—	—	Wells & springs -	Good.
East Shaftoe -	622	31	5	—	—	—	—
Fawdon -	527	261	52	52	Newcastle, &c., Water Co.	—	—
Fenwick -	1,647	56	11	—	—	Wells -	Good.
Gallowhill -	628	108	19	16	F. B. Atkinson, Esq.	Wells & springs -	Good.
Harlow Hill -	1,022	80	20	—	—	Springs -	Good, but distant from houses.
Harnham -	701	51	11	—	—	Wells & springs -	Good.
Hawkwell -	591	108	35	—	—	—	—
Heddon on the Wall -	1,190	718	150	150	Newcastle, &c., Water Co. Major E. F. Clayton	—	—
Heugh -	2,289	294	68	—	—	—	—
Higham Dykes -	224	37	7	—	—	—	—
High Callerton -	1,027	103	24	—	—	Wells & springs -	Good.
Horton Grange -	1,594	56	14	—	—	—	—
Houghton & Close House.	614	189	36	21	Newcastle & Gateshead Water Co.	—	—
Ingoe -	2,136	102	30	10	Duke of Northumberland Sir H. D. Blackett	Wells & springs -	Good, but distant from houses.
Kearsley -	539	9	2	2	Sir H. D. Blackett	—	—
Kenton -	1,245	462	89	85	Newcastle, &c., Water Co.	Well -	Good.
Kirkheaton -	2,060	118	26	—	—	—	—
Kirkley -	1,863	114	32	10	Trustees of the late N. C. Ogle	Wells & springs -	Good.
Little Callerton -	591	42	13	9	Newcastle, &c., Water Co.	—	—
Mason -	1,365	1,713	325	325	Do.	—	—
Milbourne -	1,242	78	18	—	—	—	—
Milbourne Grange -	618	24	4	—	—	—	—
Nesbit -	859	42	7	—	—	Wells & springs -	Good.
Newbiggin -	537	68	13	6	Newcastle, &c., Water Co.	—	—
Newham -	1,348	41	10	—	—	—	—
North Dissington -	1,131	90	17	9	E. G. Collingwood, Esq.	—	—
North Gosforth -	1,090	162	34	34	Newcastle, &c., Water Co.	—	—
Ogle -	2,185	94	25	—	—	—	—
Ouston -	517	17	3	—	—	Wells & springs -	Good.
Ponteland -	1,958	1,029	137	40	Newcastle, &c., Water Co. Do. do.	—	—
Prestwick -	1,012	255	47	10	C. L. Bell, Esq.	Wells -	—
Riplington -	378	5	1	—	—	—	—
Rudchester -	648	23	5	5	James, Esq.	Wells & springs -	Good.
Ryal -	2,133	64	15	—	—	Do. -	Good, but distant from houses.
Shilvington -	1,541	65	10	—	—	—	—
Shortflatt -	517	27	6	—	—	—	—
South Dissington -	1,349	53	13	—	—	—	—
Stannington -	10,312	1,194	198	94	Newcastle, &c., Water Co. Viscount Ridley	Do. -	Good.
Trewick -	762	20	4	—	—	—	—
Twizell -	776	44	9	—	—	—	—
Wallridge -	153	8	1	—	—	—	—
West Brunton -	1,142	93	18	3	Newcastle, &c., Water Co.	—	—
West Heddon -	346	46	13	13	R. Burdon, Esq.*	—	—
West Matfen -	2,004	258	56	36	Newcastle, &c., Water Co.	Wells & springs -	Good.
West Shaftoe -	501	21	3	—	—	—	—
Whalton -	2,125	289	70	30	Mrs. G. E. Smith	Surface water -	Doubtful.
Whitechester -	816	40	10	—	—	Wells & springs -	Good.
Whorlton -	845	69	18	18	Newcastle, &c., Water Co.	—	—
Woolsington -	609	72	15	15	—	—	—
<b>Glendale R.D.:</b>							
Akeld -	2,268	138	31	—	—	—	—
Brandon -	1,087	70	15	—	—	—	—
Branton -	1,175	89	15	—	—	—	—
Braxton -	1,507	175	38	—	—	Springs -	Good and ample.
Carham -	10,712	910	195	—	—	—	—
Chatton -	17,331	869	216	—	—	—	—
Chillingham -	1,764	113	25	—	—	—	—

\* West Heddon.—Supplies to small groups of houses.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northumberland</b>							
<i>—cont.</i>							
<b>Glendale R.D.—</b>							
<i>cont.</i>							
Coldsmouth and Thompsons Walls.	1,435	12	2	—	—	Springs -	Good and ample.
Coupland -	1,542	113	16	—	—		
Crookhouse -	480	14	4	—	—		
Doddington -	4,917	169	34	—	—		
Earle -	1,234	75	15	—	—		
East Lilburn -	911	68	12	—	—		
Ewart -	1,502	108	20	—	—		
Fawdon and Clinch Ford -	1,471	44	8	—	—		
Grey's Forest -	11,726	1,051	268	—	—		
Heathpool -	6,620	31	6	—	—		
Hepburn -	1,124	20	3	—	—		
Howtel -	2,105	59	14	—	—		
Humbleton -	1,162	90	21	—	—		
Ilderton -	1,614	122	30	—	—		
Ingram, Linhope, Greenshaw Hill and Hartside.	5,336	88	18	—	—		
Kilham -	7,158	67	15	—	—		
Kirknewton -	2,871	116	28	—	—	Springs - Wells -	Good and ample. Doubtful and sometimes inadequate.
Lanton -	2,028	76	14	—	—		
Lowick -	972	65	14	—	—		
Middleton Hall -	12,879	1,039	257	257	Glendale R.D.C.		
Milfield -	1,102	36	9	—	—		
Nesbit -	1,541	124	31	—	—		
New Bewick -	2,510	221	50	—	—		
Newtown -	1,141	84	17	—	—		
North Middleton -	1,133	48	13	—	—		
Old Bewick -	2,080	90	22	—	—		
Paston -	5,521	107	25	—	—		
Reaveley -	2,355	143	24	—	—		
Rodham -	2,310	34	6	—	—		
Rosedon -	1,204	69	17	—	—		
Selby's Forest -	893	55	11	—	—	Springs -	Good and ample.
South Middleton -	11,501	39	8	—	—		
West Lilburn -	1,611	52	12	—	—		
Westnewton -	2,004	181	40	—	—		
Wooler -	1,118	64	15	—	—		
Wooler -	3,180	1,382	349	349	Wooler Public Water Supply -		
Wooperton -	930	54	12	—	—		
Yeavinger -	866	5	2	—	—		
<b>Haltwhistle R.D. :</b>							
*Bellister -	1,071	118	29	3	Haltwhistle R.D.C.	Wells -	Good and fairly adequate.
Blenkinsopp -	2,488	595	125	—	—	Springs and wells	Good and adequate.
Coanwood -	3,318	94	23	—	—	Wells -	
*Featherstone -	2,994	215	48	—	—	Springs and wells	Good, but inadequate.
Haltwhistle -	3,134	3,979	847	844	Haltwhistle R.D.C.	Do.	Good and adequate.
Hartleyburn -	3,532	142	30	—	—	Do.	Good and sufficient.
Henshaw -	13,179	646	147	29	Hon. F. Bowes Lyon	Do.	Good and plentiful.
Kirkhaugh -	6,694	139	27	—	—	Do.	Good & fairly adequate.
Knarsdale -	15,589	289	75	—	—	Do.	Fairly good & adequate.
Lambley -	3,059	420	100	—	—	Do.	Good and adequate.
Melkridge -	4,451	433	94	43	Haltwhistle R.D.C.	Springs -	Fair and moderate.
Plemmeller -	5,045	118	30	14	Do.	Wells -	Good and adequate.
Ridley -	3,774	180	39	—	—	Springs and wells	Good and adequate.
Thirlwall -	8,014	545	126	96	Haltwhistle R.D.C.	Do.	Good and plentiful.
Thorngraston -	4,522	271	66	18	Hon. F. Bowes Lyon	Do.	Good and adequate.
Wall Town -	2,981	78	13	—	—	Do.	Good and adequate.
Whitfield -	12,478	283	61	—	—	Do.	Good and adequate.
<b>Hexham R.D. :</b>							
Acomb -	2,897	989	218	169	{ W. Brown, Esq., Miss All- good, C. W. C. Henderson, Esq. and Canon Savage (jointly) ; and Hexham R.D.C.	Wells and springs.	Good.
Allendale -	14,379	2,185	625	281	Hexham R.D.C.	Springs -	Generally good & sufficient.
Aydon -	1,227	96	19	2	Do.	Wells and springs	Generally good, but inade- quate in parts.
Aydon Castle -	415	21	3	—	—	Spring -	Good and adequate.
Bearl -	425	58	12	—	—	Springs -	
Bingfield -	2,082	70	15	—	—	Do.	Fair and adequate.
Black Carts and Ryehill.	292	10	4	—	—	Do.	Fair and adequate.
Broomhaugh -	831	251	60	48	Broomhaugh Water Scheme (Subscription).	Wells and springs	Good.
Broomley -	4,134	1,493	355	297	{ Stocksfield Water Co. - { Newcastle, &c., Water Co. -	Wells -	
Bywell -	1,646	181	34	—	—	Springs -	Good & generally sufficient.
Chollerton -	14,148	1,132	260	34	Hexham R.D.C.	Do.	Good.
Clarewood -	1,292	73	12	—	—	Wells -	Fair & generally adequate.
Cocklaw -	3,765	155	36	—	—	Springs -	Good.
Corbridge -	3,531	2,213	511	448	Hexham R.D.C.	Wells and springs	Good & generally adequate.
Dilston -	3,277	237	58	9	Do.	Do.	Good & generally adequate.

\* Bellister and Featherstone.—Piped services will shortly be provided by Haltwhistle R.D.C.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northumberland</b> —cont.							
<b>Hexham R.D.</b> —cont.							
Dukes Haggs - -	115	7	1	—	—	Spring - -	Fairly good and adequate.
Espershields - -	3,733	120	23	—	—	Springs - -	Fairly good, but inadequate.
Fallowfield - -	667	26	5	—	—	Spring - -	Good, but inadequate.
Great Whittington - -	1,495	201	51	—	—	Springs and wells	Good, but doubtful in village.
Hallington - -	1,714	79	18	—	—	Wells, springs, and stream.	Good.
Halton - -	841	47	7	—	—	Wells - -	
Haughton - -	1,841	106	21	—	—	Springs - -	
Haydon - -	14,360	2,297	540	382	Hexham R.D.C. - -	Wells and springs	Generally good.
Healey - -	2,389	105	16	—	Do.	Do.	
Hedley - -	2,634	330	61	45	Wearside and Conssett Water Co. - -	Springs - -	Good.
Hexhamshire High Quarter.	6,536	131	36	—	Hexham R.D.C. - -	(a) Wells, (b) springs & streams.	(a) Good, (b) indifferent.
Hexhamshire Low Quarter.	3,649	316	77	5	Hexham U.D.C. - -	(a) Wells, (b) streams.	(a) Good, (b) good, but somewhat inadequate.
Hexhamshire Middle Quarter.	4,222	188	42	—	—	(a) Springs and wells, (b) stream.	(a) Generally good, (b) bad; generally sufficient.
Hexhamshire West Quarter.	4,168	201	83	—	—	Wells, R. Tyne, Dipton and Coastley Burns.	Good.
High Fotherley - -	1,654	55	13	—	—	Well and springs.	
Horsley - -	1,531	398	84	26	Newcastle and Gateshead Water Co. - -	Do.	
Humshaugh - -	1,894	519	108	84	Duke of Northumberland - -	Humshaugh Burn & wells.	Good and sufficient.
Little Whittington - -	362	11	2	—	—	Well - -	
Nafferton - -	814	47	7	—	—	Spring - -	Good.
Newbrough - -	6,801	735	168	10	W. J. Benson, Esq. - -	Wells - -	
Newlands - -	1,631	117	25	—	—	Wells, springs, & R. Derwent.	Generally poor.
Newton - -	791	136	27	—	—	Springs - -	Moderate, but sufficient.
Newton Hall - -	991	145	30	26	Lady J. Joicey Cecil - -	Springs and well	Good.
Ovingham - -	554	399	89	89	Newcastle, &c. Water Co. - -	—	—
Ovington - -	1,023	504	110	99	Hexham R.D.C. - -	Wells and springs	Good.
Portgate - -	663	58	16	—	—	Wells, springs & Fences Burn.	
Riding - -	1,036	228	49	30	W. L. Blackburn, Esq. - -	(a) Well, spring and (b) Dipton Burn.	(a) Good, (b) poor; sufficient.
Sandhoe - -	2,619	385	94	17	Capt. J. H. Cuthbert, D.S.O. - -	Wells and springs.	Good.
Shotley High Quarter.	7,452	229	62	41	Trustees of Lord Crewe's Charity.		
Shotley Low Quarter.	7,127	476	109	15	Hexham R.D.C. - -	—	—
Simonburn - -	9,308	325	84	42	R. L. Allgood, Esq. - -	Springs - -	Do.
Slaley - -	7,520	372	88	—	C. Noel Ridley, Esq. - -		
Spital - -	85	5	1	1	Newcastle, &c. Water Co. - -	—	—
Stelling - -	343	65	12	12	Lady J. Joicey Cecil - -	—	—
Styford - -	1,037	88	16	—	—	Wells and springs	Good.
Thornbrough - -	783	58	14	—	—	Springs - -	Indifferent.
Wall - -	1,699	369	85	50	Hexham R.D.C. - -	Wells and springs	Good.
Warden - -	3,423	865	179	4	W. J. Benson, Esq. - -	Do.	Generally good, but part poor and inadequate.
Welton - -	1,205	50	13	—	—	Wells - -	Not very good.
West Allen - -	4,987	425	136	—	—	Springs - -	Fairly good and abundant.
Whittle - -	288	22	5	5	Newcastle, &c. Water Co. - -	—	—
Whittonstall - -	2,197	171	39	—	—	Wells and springs	Good and moderate.
Wylam - -	972	1,312	278	278	Newcastle, &c. Water Co. - -	—	—
<b>Morpeth R.D.:</b>							
Benridge - -	1,091	55	14	14	G. B. Bainbridge, Esq. - -	Wells & springs	Good and plentiful.
Bigge's Quarter - -	2,926	210	46	14	Northumberland Co. Co. - -		
Bockenfield - -	2,465	66	14	4	Long Horsley Village Supply		
Bothal Demesne - -	1,221	178	36	4	J. Riddell, Esq. - -		
Bullock's Hall - -	210	11	2	2	Bentinck West Hartley Colliery Co. - -	—	—
Cambo - -	691	61	18	18	G. Tate, Esq. - -	—	—
Causey Park - -	1,157	72	16	7	Rt. Hon. Sir G. O. Trevelyan, Bart. - -	Wells & springs	Good and plentiful.
Cockle Park - -	1,408	59	11	11	J. Hogg, Esq. - -	—	—
Corridge - -	335	9	1	—	Duke of Portland - -	—	—
Cresswell - -	1,092	193	45	20	A. F. B. Cresswell, Esq. - -	Wells & springs	Good and plentiful.
Deanham - -	766	27	3	—	—	—	—
Earsdon - -	1,099	55	11	11	Duke of Portland - -	—	—
Earsdon Forest - -	760	20	4	2	Do. - -	Wells & springs	Good and plentiful.
East and West Thirston with Shothaugh.	2,925	240	52	43	Duke of Northumberland - -	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northumberland</b> <i>—cont.</i>							
<b>Morpeth R.D.</b> <i>—cont.</i>							
East Chevington	2,240	3,326	800	798	Amble U.D.C. thro' Broom- hill Collieries, Ltd.	Well & spring	Good and plentiful.
East Thornton	1,037	46	9	9	Major Cookson	—	—
Edington	653	31	4	2	Mrs. Berwick	Well & spring	Good and plentiful.
Ellington	3,062	578	100	100	A. F. B. Cresswell, Esq.	—	—
Eshott	1,796	121	21	21	T. H. Bainbridge, Esq.	—	—
Fenrother	1,296	63	13	8	Duke of Portland	Wells & springs	Good and plentiful.
Freeholders' Quarter	899	106	27	27	Long Horsley Village Supply	—	—
Hadstone	1,174	70	12	11	Amble U.D.C. thro' Broom- hill Collieries, Ltd.	Well	Good and plentiful.
Hartburn	109	26	7	7	Rev. W. C. Curtis	—	—
Hartburn Grange	1,207	71	14	2	F. Straker, Esq.	—	—
Hebron	1,089	82	16	9	Duke of Portland	Wells & springs	Good and plentiful.
Hepscott	1,605	344	65	31	( Tynemouth T.C. J. Simpson, Esq.	—	—
High and Low Highlaws.	1,370	85	18	18	G. B. Bainbridge, Esq.	—	—
High Angerton	1,293	114	19	8	F. Straker, Esq.	Wells & springs	Good and plentiful.
Highlaws	312	9	2	—	—	—	—
Longhirst	1,769	326	88	17	Lord Joicey	—	—
Longshaws	796	17	4	4	Major Cookson	Wells & springs	Good and plentiful.
Longwiton	2,400	104	23	—	—	Wells & springs	Good and plentiful.
Low Angerton	1,069	70	14	14	F. Straker, Esq.	Wells & springs	Good and plentiful.
Lynmouth	338	17	3	—	—	—	—
Meldon	1,029	128	28	28	Major Cookson	Wells & springs	Good and plentiful.
Mitford	1,896	193	39	—	—	—	—
Molesdon	827	35	7	4	Captain Mitford	Wells & springs	Good and plentiful.
Morpeth Castle	1,452	337	68	46	Numerous property owners	—	—
Netherwiton	3,930	192	37	37	J. S. Trevelyan, Esq.	—	—
Newminster	1,073	1,116	51	34	( Tynemouth T.C. ( Northumberland Co. Co.	Wells & springs	Good and plentiful.
Newton Park	371	14	2	—	—	—	—
Newton Underwood	906	42	11	4	Captain Mitford	Wells & springs	Good and plentiful.
North Middleton	1,145	61	15	2	F. Straker, Esq.	—	—
North Seaton	1,169	1,904	400	400	Cowpen Coal Co., Ltd.	—	—
Nunriding	660	26	4	2	Captain Mitford	Wells & springs	Good and sufficient.
Old Moor	957	73	15	4	A. F. B. Cresswell	—	—
Pegswood	1,237	2,559	500	500	Bentinck West Hartley Col- liery Co.	—	—
Pigdon	1,125	32	6	6	Captain Mitford	Wells & springs	Good and sufficient.
Riddell's Quarter	2,173	107	25	17	Long Horsley Village Supply	—	—
Rivergreen	529	52	10	10	Major Cookson	—	—
Sheepwash	256	66	13	9	Hon. W. C. Ellis	Wells & springs	Good and sufficient.
South Middleton	638	11	3	2	Rt. Hon. Sir G. O. Trevelyan, Bart.	—	—
Spital Hill	157	22	3	2	Captain Mitford	Wells & springs	Good and sufficient.
Stanton	2,273	57	16	4	R. Crawford, Esq.	—	—
Throphill	960	31	6	6	Captain Mitford	—	—
Todridge	60	6	1	1	Forster Coull, Esq.	—	—
Tranwell	1,230	103	20	8	Messrs. Burn Bros.	Wells & springs	Good and sufficient.
Tritlington	1,280	90	20	9	Duke of Portland	—	—
Ulgham	3,740	683	140	20	Lord Joicey	—	—
Wallington Demesne	1,851	121	31	10	Rt. Hon. Sir G. O. Trevelyan, Bart.	Wells & springs	Good and sufficient.
West Chevington	1,858	433	119	119	Earl Grey	—	—
West Thornton	1,066	62	15	13	Major Cookson	Wells & springs	Good and sufficient.
Whitridge	201	5	1	—	—	—	—
Widdrington	3,901	843	177	142	T. Taylor, Esq.	—	—
Witton Shields	570	6	1	1	J. S. Trevelyan, Esq.	Wells & springs	Good and sufficient.
Woodhorn	1,552	183	41	11	Ashington Coal Co., Ltd.	—	—
<b>Norham &amp; Island- shires R.D.:</b>							
Ancroft	12,111	1,629	378	—	—	—	—
Cornhill	4,944	644	143	—	—	—	—
Duddo	1,887	135	42	—	—	—	—
Fékington	1,464	64	22	—	—	—	—
Grindon	1,493	84	21	—	—	—	—
Holy Island	1,338	359	117	—	—	—	—
Horncliffe	622	272	78	—	—	—	—
Kyloe	9,783	745	175	—	—	—	—
Loan End	866	96	26	—	—	—	—
Longridge	561	70	17	—	—	—	—
Norham	2,345	757	216	147	Norham & Islandshires R.D.C.	—	—
Norham Mains	1,105	88	21	—	—	—	—
Ord	3,693	454	130	—	—	—	—
Shoreswood	1,212	149	49	—	—	—	—
Thornton	1,375	98	24	—	—	—	—
Twizell	2,273	186	47	—	—	—	—
<b>Rothbury R.D.:</b>							
Alnham	10,345	106	22	15	Duke of Northumberland	Wells	Some good, but distant from houses.
Alwinton	1,180	53	10	—	—	Do.	Satisfactory and ample.
Barrow	1,008	7	2	—	—	Do.	Good.
Bickerton	542	13	3	—	—	—	—
Biddlestone	4,863	107	23	23	W. A. Selby, Esq.*	—	—
Brinkburn High Ward.	2,862	132	28	15	Mrs. H. Fenwick	Wells	Some good, but distant from houses.

\* Biddlestone.—Several supplies to small groups of houses.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Northumberland</b> —cont.							
<b>Rothbury R.D.—</b> —cont.							
Brinkburn Low	592	28	5	—	—	Well	Good.
Burradon	1,540	58	12	10	C. D. Forster, Esq.	Springs	Satisfactory.
Caistron	400	24	5	5	Representatives of the late J. Daglish.	—	—
Callaly & Yetlington	3,990	198	48	42	Trustees of Alex. Browne, Esq.	Springs	Good and sufficient.
Cartington	1,908	58	13	13	Lord Armstrong	—	—
Clennel	1,070	20	5	5	A. Wilkinson, Esq.	—	—
Coatyards	236	6	1	1	M. Y. Nicholson, Esq.	—	—
Debdon	5,235	106	28	23	Lord Armstrong	Springs & wells	Generally good and suffi- cient.
Elsdon	6,489	243	45	26	M. Hall, Esq.	Wells & springs	Doubtful.
Ewesley	946	13	4	4	Lieut. Col. W. Orde	—	—
Fairhaugh	521	6	1	—	—	Wells	Doubtful.
Fairley	216	10	3	—	—	—	—
Fallowices	1,504	8	1	—	—	—	—
Farnham	931	38	8	8	T. C. Fenwicke-Clennell, Esq.	—	—
Flotterton	767	55	9	9	H. G. Phillips, Esq.	—	—
Great Ryle	1,099	45	9	5	Lord Ravensworth	Wells & springs	Not very good.
Greenleighton	1,671	10	2	2	Rt. Hon. Sir G. O. Trevelyan, Bart.	—	—
Harbottle	2,384	121	32	30	Rothbury R.D.C.	Wells	Good.
Hartington	2,012	41	9	9	C. Trevelyan, Esq.	—	—
Hartington Hall	1,001	29	8	8	—	—	—
Harwood	3,959	21	4	—	—	Well	Generally not good.
Healey & Combhill	851	19	5	3	Duke of Northumberland	Wells	Good.
Hepple	5,920	83	20	20	W. R. Buchanan-Riddell, Esq.	—	—
Hesleyhurst	2,415	71	15	15	Duke of Northumberland	—	—
High and Low Trewitt.	1,682	65	10	10	Lord Armstrong	—	—
Hollinghill	5,016	97	18	—	—	Well & springs	Generally not good.
Holystone	5,468	79	17	—	—	Wells	Good.
Kidland	17,064	71	17	—	—	Do.	Good, but distant from houses.
Linbridge	3,735	32	5	—	—	Do.	Good.
Linsheles	14,832	52	11	3	W. A. Selby, Esq.	Wells & springs	Not very good.
Little Ryle	528	27	6	5	Lord Ravensworth	—	—
Longframlington	5,101	435	116	114	Rothbury R.D.C.	Wells	Good.
Lorbottle	2,435	63	14	12	Trustees of Alex. Browne, Esq.	—	—
Monkridge	5,798	81	15	10	Lieut. Col. W. Orde	Springs	Good.
Mount Healey	294	18	2	1	Rothbury R.D.C.	—	—
Netherton North Side.	762	31	8	8	W. A. Selby, Esq.	—	—
Netherton South Side.	731	51	14	14	Lord Armstrong	—	—
Newtown	1,017	30	8	8	Lieut. Col. W. Orde	—	—
Nunykirk	117	35	8	8	T. C. Fenwicke-Clennell, Esq.	—	—
Peels	1,427	38	10	10	Lieut. Col. R. H. Carr Ellison	—	—
Prendwick	1,415	35	7	7	Duke of Northumberland	—	—
Raw	1,690	74	14	14	Lieut. Col. W. Orde	Wells	Good.
Ritton Colt Park	1,071	60	11	5	Do.	—	—
Ritton White House	648	203	33	33	Mrs. Clayton	Wells	Good.
Rothley	2,820	91	21	17	W. A. Selby, Esq.	—	—
Screnwood	1,061	34	7	7	T. C. Fenwicke-Clennell, Esq.	Wells	Good.
Sharperton	965	48	14	2	Lord Armstrong	—	—
Snitter	1,001	107	26	26	Rothbury R.D.C.	Spring	Good.
Thropton	847	189	49	47	—	Well	—
Todburn	693	14	3	—	—	Wells	—
Tosson	2,799	101	25	23	Lord Armstrong	—	—
Unthank	177	17	3	3	Lord Ravensworth	—	—
Warton	650	28	8	8	Lord Armstrong	—	—
Whittingham	6,216	424	106	104	Lord Ravensworth	Wells	Good.
Whitton	696	56	14	14	Rothbury Waterworks Co.	—	—
Wingates	2,616	105	21	21	J. H. Straker, Esq.	—	—
Woodside	6,641	79	15	3	Lieut. Col. W. Orde	Wells	Good.
Wreighill	411	7	1	1	H. G. Phillips, Esq.	—	—
<b>NOTTINGHAM- SHIRE.</b>							
Arnold U.D.	4,613	11,146	2,460	2,437	Nottingham T.C.	Wells & springs	Generally good and ade- quate.
Beeston U.D.	1,601	11,336	2,644	2,632	Do.	Wells	Satisfactory and adequate.
Carlton U.D.	1,459	15,581	3,545	3,482	Do. London & N.W. Railway Co. Great Northern Railway Co.	Wells & spring	Good.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Nottinghamshire</b> <i>—cont.</i>							
East Retford B. -	4,656	13,385	3,022	2,899	East Retford T.C. and E. E. Harcourt Vernon, Esq.	Wells - -	Some satisfactory, others doubtful and bad.
Eastwood U.D. -	951	4,692	1,004	992	Nottingham T.C. - -	Do. - -	Satisfactory.
Hucknall Torkard U.D. -	3,282	15,870	3,451	3,411	Hucknall Torkard U.D.C. -	Wells & springs	
Huthwaite U.D. -	1,199	5,231	1,046	1,025	Sutton in Ashfield U.D.C. (bulk).	Wells - -	Good and adequate.
Kirkby in Ashfield U.D. -	5,814	15,378	3,177	3,177	Kirkby in Ashfield U.D.C. -	—	—
					The Butterley Co., Ltd. -		
					Basford R.D.C. - -		
Mansfield B. -	7,068	36,888	7,492	7,484	Mansfield T.C. - -	Wells - -	Fairly good.
Mansfield Woodhouse U.D. -	4,834	11,015	2,080	2,060	Mansfield T.C. (bulk) -	Do. - -	Satisfactory and adequate
Newark B. -	1,931	16,408	3,789	3,789	Newark T.C. - -	—	—
Nottingham C.B. -	10,935	259,904	59,372	59,372	Derwent Valley Water Board (bulk).	—	—
					Nottingham T.C. - -		
Sutton in Ashfield U.D. -	4,879	21,708	4,396	4,377	Sutton in Ashfield U.D.C. -	Wells & springs	Satisfactory.
Warsop U.D. -	6,183	4,221	845	841	Warsop U.D.C. - -	Wells - -	Good.
West Bridgford U.D. -	1,123	11,632	2,813	2,813	Nottingham T.C. - -	—	—
Worksop U.D. -	17,935	20,387	4,284	3,442	Worksop U.D.C.; Duke of Newcastle; Rt. Hon. F. J. Savile-Foljambe; & Duke of Portland.	Wells & springs	Satisfactory and adequate.
<b>Basford R.D. :</b>							
Annesley -	3,125	1,183	260	194	Basford R.D.C. through Annesley Colliery Co. -	Wells - -	Fair.
Awsworth -	367	1,617	346	339	Nottingham T.C. - -	Do. - -	Fair, but liable to pollution.
Barton in Fabis -	1,564	271	60	—	—	Do. - -	Good, except in dry weather.
Bestwood Park -	3,729	619	120	92	Nottingham T.C. - -	Do. - -	Doubtful.
Bilborough -	1,098	197	44	2	Do. (bulk) - -	Do. - -	Good.
Bradmore -	1,254	199	60	13	Nottingham T.C. - -	Do. - -	Doubtful.
Brinsley -	957	1,691	410	406	Do. (bulk) - -	Wells & springs	Good.
Bunny -	2,137	211	60	10	Nottingham T.C. - -	Do. - -	Doubtful.
Burton Joyce -	1,388	963	235	231	Do. (bulk) - -	Do. - -	Good.
Calverton -	3,424	1,101	275	250	Nottingham T.C. - -	Do. - -	Good.
Clifton with Glapton. -	1,921	350	75	—	Sir C. Seely, Bart. - -	Do. - -	Good.
Codnor Park (Derby). -	1,458	788	175	159	The Butterley Co., Ltd. -	Wells - -	Good, except in dry weather.
Colwick -	1,340	1,055	225	220	Nottingham T.C. - -	Wells and canal	Wells fair; canal unsatisfactory.
Cossall -	987	991	210	178	Nottingham T.C. through G. Goode, Esq. -	Do. - -	Good, except in dry weather.
Felley -	413	32	7	1	Basford R.D.C. - -	Wells - -	Good, except in dry weather.
Gamston -	448	74	18	—	—	Do. - -	Good, except in dry weather.
Gedling -	1,918	1,543	340	317	Nottingham T.C. - -	Do. - -	Good, except in dry weather.
Gotham -	2,563	1,086	250	250	Basford R.D.C. - -	Do. - -	Good, except in dry weather.
Greasley -	5,424	5,970	1,350	1,277	Nottingham T.C. - -	Wells - -	Good, except in dry weather.
Kimberley -	838	5,174	1,150	1,118	—	Wells & springs	Good, except in dry weather.
Lambley -	2,174	834	190	—	—	Do. - -	Good, except in dry weather.
Linby -	1,488	273	60	49	Nottingham T.C. - -	Do. - -	Good, except in dry weather.
Newstead -	3,258	961	190	160	Newstead Colliery Co., Ltd. -	Do. - -	Good, except in dry weather.
Nuthall -	1,349	682	160	158	Nottingham T.C. - -	Do. - -	Good, except in dry weather.
Papplewick -	1,986	320	65	47	Do. (bulk) - -	Do. - -	Good, except in dry weather.
Ruddington -	2,990	2,771	645	428	Basford R.D.C. - -	Wells - -	Do. do.
Selston -	3,318	8,982	1,900	1,861	Ilkeston & Heanor Water Bd. thro' Ilkeston T.C. & Heanor U.D.C. -	Do. - -	Do. do.
Shipley (Derby) -	2,111	662	130	111	E. M. Mundy, Esq. - -	Do. - -	Do. do.
South Wilford -	1,549	633	150	136	Nottingham T.C. - -	Do. - -	Do. do.
Stoke Bardolph -	1,115	196	50	50	Do. - -	Do. - -	Do. do.
Strelley -	1,069	197	44	24	Do. (bulk) - -	Wells - -	Do. do.
Thrumpton -	1,014	133	39	—	—	Wells & R. Trent (filtered).	Good, except in dry weather.
Trowell -	1,621	404	80	29	Lord Middleton - -	Do. - -	Good, except in dry weather.
Wollaton -	2,097	550	130	56	Do. - -	Wells - -	Good, except in dry weather.
Woodborough -	1,945	698	190	—	—	Do. - -	Good, except in dry weather.
<b>Bingham R.D. :</b>							
Aslockton -	1,273	359	105	—	—	Do. - -	Good, except in dry weather.
Bingham -	3,070	1,700	462	—	—	Do. - -	Good, except in dry weather.
Car Colston -	1,642	223	55	—	—	Do. - -	Good, except in dry weather.
Clipston -	938	47	11	—	—	Do. - -	Good, except in dry weather.
Coiston Basset -	2,455	323	70	—	—	Do. - -	Good, except in dry weather.
Cotgrave -	3,722	656	193	—	—	Do. - -	Good, except in dry weather.
Cropwell Bishop -	1,647	589	156	—	—	Wells & springs	Good, except in dry weather.



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<b>Nottinghamshire</b> <i>—cont.</i>									
<b>Bingham R.D.—</b> <i>cont.</i>									
Cropwell Butler -	1,890	489	147	12	Nottingham T.C. -	Wells -			
East Bridgford -	1,943	797	230	3	Earl of Carnarvon -				
Edwalton -	831	205	46	—	—				
Elton -	991	58	15	—	—				
Flawborough -	981	57	18	—	—				
Flintham -	2,201	316	96	—	—				
Granby -	2,311	323	90	—	—				
Hawksworth -	693	156	46	—	—				
Hickling -	2,866	357	113	—	—				
Holme Pierrepont -	2,245	207	46	4	Nottingham T.C. -				
Keyworth -	1,438	787	222	—	—	Springs & rain- water.			
Kinoulton -	3,089	267	73	—	—				
Kneeton -	983	113	30	21	Dowager Countess of Car- narvon.	Wells -			
Langar cum Barns- ton.	3,870	453	117	—	—				
Normanton on the Wolds.	803	388	109	—	—	Wells and springs	Good		
Orston -	1,955	361	110	—	—				
Owthorpe -	1,649	115	23	—	—	Wells -			
Plumtree -	1,859	244	55	—	—				
Radcliffe on Trent -	2,173	2,735	570	243	Nottingham T.C. -				
Saxondale -	684	87	21	2	Earl of Carnarvon				
Scarrington -	932	184	46	—	Nottingham T.C. -				
Screveton -	1,152	163	54	—	—				
Shelford -	3,193	394	108	21	Earl of Carnarvon -				
Shelton -	853	97	23	—	—				
Sibthorpe -	951	90	23	—	—				
Stanton on the Wolds.	1,406	112	25	—	—				
Thoroton -	786	100	35	—	—	Wells -			
Tollerton -	1,216	169	32	—	—				
Tythby -	583	87	19	—	—				
Upper Broughton -	1,902	323	80	—	—				
Whatton -	1,759	250	66	—	—				
Widmerpool -	2,106	175	38	—	—				
Wiverton Hall -	1,026	28	4	—	—				
<b>Blyth and Cuckney</b> <b>R.D. :</b>									
Blyth -	1,347	638	158	120	F. Willey, Esq. -			Wells -	Satisfactory.
Carburton -	2,276	141	36	12	Duke of Portland -				
Carlton in Lindrick	4,053	1,013	240	—	—	Do. -	Doubtful, but sufficient.		
Cuckney -	1,120	487	100	5	Duke of Portland -	Do. -	Satisfactory.		
Harworth -	4,533	579	146	—	—	Do. -	Doubtful, but sufficient.		
Hodsock -	4,236	230	45	—	—	Do. -	Satisfactory.		
Holbeck -	1,293	233	47	29	Duke of Portland -				
Nether Langwith -	1,304	533	100	40	Do.	Do. -	Satisfactory.		
					Sheepbridge Coal and Iron Co., Ltd.				
Norton -	1,607	315	64	22	Duke of Portland -	Do. -	Doubtful, but sufficient.		
Styrrup -	3,046	501	130	—	—				
Wallingwells -	603	19	3	—	—	Do. -	Satisfactory.		
Welbeck -	2,792	104	23	19	Duke of Portland -				
Woodhouse Hall -	303	163	36	31	—	Wells -	Poor, but adequate.		
<b>East Retford R.D.:</b>									
Askham -	1,312	250	60	—	—			Wells -	Poor, but adequate.
Babworth -	6,344	752	140	—	—				
Barnby Moor -	1,982	260	50	—	—			Boreholes and wells.	Good and adequate.
Bevercotes -	734	39	7	—	—				
Bothamsall -	2,481	269	55	—	—			Wells & Ches- terfield Canal.	Poor, but adequate.
Clarborough -	2,222	341	85	—	—				
Clayworth -	2,139	434	100	—	—			Wells and rain- water.	Good and adequate.
Cottam -	599	102	20	—	—				
Darlington -	1,506	125	30	—	—			Do.	Fair and adequate.
Dunham -	1,065	298	60	—	—	Do.	Good and adequate.		
East Drayton -	1,555	174	40	—	—	Do.	Good and adequate.		
East Markham -	2,755	790	160	65	Lincoln T.C. (bulk) -	Wells -	Do.		
Eaton -	1,526	157	28	—	—				
Elkesley -	2,661	313	70	—	—	Wells and rain- water.	Do.		
Everton -	3,819	618	165	—	—	Wells -	Do.		
Finningley -	2,397	337	75	—	—	Wells -	Do.		
Fledborough -	1,449	100	20	—	—				
Garnston -	1,974	244	50	—	—	Wells -	Do.		
Gringley on the Hill.	4,352	741	160	—	—				
Grove -	1,325	148	28	26	E. E. Harcourt Vernon, Esq. -	Wells and rain- water.	Do.		
Haughton -	1,020	50	14	—	—	Do.	Fair, but adequate.		
Hayton -	2,406	205	60	—	—	Well and canal -	Good and adequate.		



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Nottinghamshire</b> —cont.								
<b>East Retford R.D.</b> —cont.								
Headon - - -	2,347	186	42	—	—	Wells & rainwater	Poor, but adequate.	
Laneham - - -	1,589	303	72	—	—	Do. do.		
Littleborough - -	345	33	10	—	—	Wells and River Trent.		
Lound - - -	2,373	342	75	—	—	Wells and bore- holes.	Good and adequate.	
Markham Clinton or West Markham.	1,067	165	30	—	—	Wells & rainwater		
Marnham - - -	2,306	171	30	—	—	Boreholes & wells		
Mattersey - - -	2,459	347	90	—	—	—	Good and adequate.	
Misson - - -	6,172	719	135	—	—	Do. do.		
Normanton upon Trent.	1,208	286	70	—	—	Do. do.		
North Leverton with Habbles- thorpe.	2,404	382	105	—	—	Wells & rain- water.	Very poor and sometimes inadequate.	
North Wheatley -	2,192	404	85	—	—	Do. do.		
Ragnall - - -	1,203	190	45	—	—	Do. do.		
Rampton - - -	2,159	497	85	—	—	Do. do.	Good and adequate.	
Ranskill - - -	1,317	465	105	—	—	Do. do.		
Scaftworth - - -	1,084	100	25	—	—	Do. do.		
Scrooby - - -	1,608	243	50	—	—	Do. do.	Fair and adequate.	
South Leverton -	2,202	367	95	—	—	Do. do.		
South Wheatley -	645	38	9	—	—	Do. do.		
Stokeham - - -	604	51	10	—	—	Do. do.	Good and adequate.	
Sturton le Steeple -	4,034	497	95	—	—	Wells and rain- water.		
Sutton - - -	2,173	389	75	—	—	Wells - - -		
Torworth - - -	1,377	219	50	—	—	Wells and rain- water.	Poor, but adequate.	
Treswell - - -	1,570	236	42	—	—	Wells - - -		
Tuxford - - -	2,893	1,154	260	133	Lincoln T.C. (bulk)	Wells - - -		
West Drayton - -	680	86	18	—	—	Do. - - -	Good and adequate.	
Wiseton - - -	1,056	157	25	—	—	Do. - - -		
<b>Leake R.D. :</b>								
Costock - - -	1,688	301	75	—	—	—	Fairly good and adequate.	
East Leake - - -	2,530	973	230	—	—	—		
Normanton upon Soar.	1,449	280	65	—	—	—		
Rempstone - - -	1,579	257	65	—	—	—		
Stanford upon Soar	1,515	165	40	—	—	—		
Sutton Bonington -	2,184	956	245	—	—	Wells - - -		
Thorpe in the Glebe	863	30	7	—	—	—		
West Leake - - -	1,608	139	30	—	—	—		
Willoughby on the Wolds.	2,103	433	100	—	—	—		
Wysall - - -	1,554	186	45	—	—	—		
<b>Misterton R.D. :</b>								
Beckingham - - -	2,634	532	130	—	—	Wells and rain- water.	Good, but hard ; plentiful.	
Bole - - -	1,337	144	37	—	—	Canal & rain- water.		
Misterton - - -	4,313	1,694	429	—	—	Wells - - -	Doubtful.	
Saundby - - -	1,415	101	20	—	—	Wells - - -		
Wakeringham - -	2,997	829	200	—	—	Wells & rainwater	Good.	
West Burton - - -	953	49	10	—	—	Wells - - -		
West Stockwith -	688	666	175	—	—	(a) Wells, (b) rainwater & River Trent.	(a) Good, but very hard ; adequate ; (b) doubtful.	
<b>Newark R.D. :</b>								
Alverton - - -	445	33	6	—	—	—	Fair.	
Balderton - - -	3,790	2,824	650	554	Newark T.C. -	—		
Barnby in the Wil- lows.	1,852	250	63	—	—	—		
Besthorpe - - -	1,302	164	40	—	—	—		
Broadholme - - -	640	84	22	—	—	—		
Coddington - - -	1,970	480	110	89	Newark T.C. -	Wells - - -		
Cotham - - -	1,355	130	30	—	—	—		
Farndon - - -	1,881	738	170	57	Newark T.C. -	—		
Girton - - -	1,052	122	33	—	—	—		
Harby - - -	1,229	341	77	—	—	—		
Hawton - - -	2,181	238	45	29	Newark T.C. -	—		
Kilvington - - -	493	28	8	—	—	—	Fair.	
Langford - - -	2,186	159	36	7	Newark T.C. (bulk)	Wells & springs -		
Meering - - -	485	5	1	—	—	—		
North Clifton - -	1,097	175	45	—	—	—		
North Collingham -	2,479	784	203	74	Newark T.C. (bulk)	Wells - - -		
South Clifton - -	1,293	233	62	—	—	—		
South Collingham -	3,028	627	167	74	Newark T.C. (bulk)	—		
<b>Nottinghamshire</b> —cont.								
<b>East Retford R.D.</b> —cont.								
Headon - - -	2,347	186	42	—	—	Wells & rainwater		Poor, but adequate.
Laneham - - -	1,589	303	72	—	—	Do. do.		
Littleborough - -	345	33	10	—	—	Wells and River Trent.		
Lound - - -	2,373	342	75	—	—	Wells and bore- holes.	Good and adequate.	
Markham Clinton or West Markham.	1,067	165	30	—	—	Wells & rainwater		
Marnham - - -	2,306	171	30	—	—	Boreholes & wells		
Mattersey - - -	2,459	347	90	—	—	—	Good and adequate.	
Misson - - -	6,172	719	135	—	—	Do. do.		
Normanton upon Trent.	1,208	286	70	—	—	Do. do.		
North Leverton with Habbles- thorpe.	2,404	382	105	—	—	Wells & rain- water.	Very poor and sometimes inadequate.	
North Wheatley -	2,192	404	85	—	—	Do. do.		
Ragnall - - -	1,203	190	45	—	—	Do. do.		
Rampton - - -	2,159	497	85	—	—	Do. do.	Good and adequate.	
Ranskill - - -	1,317	465	105	—	—	Do. do.		
Scaftworth - - -	1,084	100	25	—	—	Do. do.		
Scrooby - - -	1,608	243	50	—	—	Do. do.	Fair and adequate.	
South Leverton -	2,202	367	95	—	—	Do. do.		
South Wheatley -	645	38	9	—	—	Do. do.		
Stokeham - - -	604	51	10	—	—	Do. do.	Good and adequate.	
Sturton le Steeple -	4,034	497	95	—	—	Wells and rain- water.		
Sutton - - -	2,173	389	75	—	—	Wells - - -		
Torworth - - -	1,377	219	50	—	—	Wells and rain- water.	Poor, but adequate.	
Treswell - - -	1,570	236	42	—	—	Wells - - -		
Tuxford - - -	2,893	1,154	260	133	Lincoln T.C. (bulk)	Wells - - -		
West Drayton - -	680	86	18	—	—	Do. - - -	Good and adequate.	
Wiseton - - -	1,056	157	25	—	—	Do. - - -		
<b>Leake R.D. :</b>								
Costock - - -	1,688	301	75	—	—	—	Fairly good and adequate.	
East Leake - - -	2,530	973	230	—	—	—		
Normanton upon Soar.	1,449	280	65	—	—	—		
Rempstone - - -	1,579	257	65	—	—	—		
Stanford upon Soar	1,515	165	40	—	—	—		
Sutton Bonington -	2,184	956	245	—	—	Wells - - -		
Thorpe in the Glebe	863	30	7	—	—	—		
West Leake - - -	1,608	139	30	—	—	—		
Willoughby on the Wolds.	2,103	433	100	—	—	—		
Wysall - - -	1,554	186	45	—	—	—		
<b>Misterton R.D. :</b>								
Beckingham - - -	2,634	532	130	—	—	Wells and rain- water.	Good, but hard ; plentiful.	
Bole - - -	1,337	144	37	—	—	Canal & rain- water.		
Misterton - - -	4,313	1,694	429	—	—	Wells - - -	Doubtful.	
Saundby - - -	1,415	101	20	—	—	Wells - - -		
Wakeringham - -	2,997	829	200	—	—	Wells & rainwater	Good.	
West Burton - - -	953	49	10	—	—	Wells - - -		
West Stockwith -	688	666	175	—	—	(a) Wells, (b) rainwater & River Trent.	(a) Good, but very hard ; adequate ; (b) doubtful.	
<b>Newark R.D. :</b>								
Alverton - - -	445	33	6	—	—	—	Fair.	
Balderton - - -	3,790	2,824	650	554	Newark T.C. -	—		
Barnby in the Wil- lows.	1,852	250	63	—	—	—		
Besthorpe - - -	1,302	164	40	—	—	—		
Broadholme - - -	640	84	22	—	—	—		
Coddington - - -	1,970	480	110	89	Newark T.C. -	Wells - - -		
Cotham - - -	1,355	130	30	—	—	—		
Farndon - - -	1,881	738	170	57	Newark T.C. -	—		
Girton - - -	1,052	122	33	—	—	—		
Harby - - -	1,229	341	77	—	—	—		
Hawton - - -	2,181	238	45	29	Newark T.C. -	—		
Kilvington - - -	493	28	8	—	—	—	Fair.	
Langford - - -	2,186	159	36	7	Newark T.C. (bulk)	Wells & springs -		
Meering - - -	485	5	1	—	—	—		
North Clifton - -	1,097	175	45	—	—	—		
North Collingham -	2,479	784	203	74	Newark T.C. (bulk)	Wells - - -		
South Clifton - -	1,293	233	62	—	—	—		
South Collingham -	3,028	627	167	74	Newark T.C. (bulk)	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Nottinghamshire</b> <i>—cont.</i>									
<b>Newark R.D.—cont.</b>									
South Scarle -	1,093	139	32	—	—	Wells	Fair.		
Spalford -	1,043	63	16	—	—				
Staunton -	1,372	116	25	—	—				
Thorney -	2,250	167	48	—	—				
West Newark -	232	114	28	—	—				
Wigsley -	1,233	67	22	—	—				
Winthorpe -	638	254	60	47	Newark T.C. -	Wells & springs Wells	Good and ample.		
<b>Skegby R.D. :</b>									
Blidworth -	5,473	1,184	270	248	{ Skegby R.D.C. - { Kirkby in Ashfield U.D.C. -				
Fulwood -	178	4	2	—	Nottingham T.C. -				
Haywood Oaks -	677	19	4	4	Sutton in Ashfield U.D.C. -				
Lindhurst -	896	29	4	4	Do. do. (bulk)				
Skegby -	1,467	5,057	1,069	1,069	Warsop U.D.C. -	Wells	Good and ample.		
Sookholme -	991	232	52	36	{ Mansfield T.C. : Sutton in { Ashfield U.D.C. (bulk).				
Teversal -	2,723	465	94	77	—	Wells	Fair.		
<b>Southwell R.D. :</b>									
Averham -	2,169	118	34	9	Newark T.C. -	Wells	Fair.		
Bathley -	1,246	136	42	—	—				
Bilthorpe -	1,580	168	35	35	Nottingham T.C. through Lord Savile.	Wells	Fair.		
Bleasby -	1,538	278	82	—	—				
Boughton -	1,374	269	77	77	Nottingham T.C. through Lord Savile.	Wells	Fair.		
Bulcote -	650	142	34	21	Nottingham T.C. -				
Carlton on Trent -	922	150	50	—	—	Wells	Fair.		
Cauntton -	3,104	378	103	—	—				
Caythorpe -	315	189	64	—	—	Wells	Fair.		
Clipstone -	4,033	304	69	53	Mansfield T.C. -				
Cromwell -	1,423	157	38	—	—	Wells	Fair.		
Eakring -	2,567	331	83	—	—				
East Stoke -	1,687	179	44	—	—	Wells	Fair.		
Edingley -	1,759	301	81	30	Newark T.C. -				
Edwinstowe -	4,407	883	236	169	Earl Manvers -	Do.	Inadequate.		
Egmontton -	2,217	227	59	—	Do.				
Elston -	1,610	316	102	—	—	Wells	Fair.		
Epperstone -	2,503	380	110	6	Sir F. Ley, Bart. -				
Farnsfield -	4,556	967	257	202	Newark T.C. -	Wells	Fair.		
Fiskerton cum Mor- ton.	1,573	350	103	—	—				
Gonalston -	1,346	113	28	—	—	Wells	Fair.		
Grassthorpe -	711	52	15	—	—				
Gunthorpe -	1,157	415	118	—	—	Wells	Fair.		
Halam -	1,623	294	75	36	Newark T.C. -				
Halloughton -	988	56	14	—	—	Wells	Fair.		
Hockerton -	1,386	66	16	—	—				
Holme -	1,128	94	23	—	—	Wells	Fair.		
Hoveringham -	934	359	106	—	—				
Kelham -	2,104	333	61	19	Newark T.C. -	Do.	Inadequate.		
Kersall -	669	49	19	—	—				
Kirklington -	1,989	218	49	4	T. Craven, Esq. -	Do.	Inadequate.		
Kirton -	998	119	32	—	—				
Kneesall -	2,311	253	61	50	Earl Manvers -	Do.	Inadequate.		
Laxton -	4,007	389	99	69	Do.				
Lowdham -	1,691	982	270	—	—	Do.	Fair.		
Maplebeck -	1,196	75	22	—	—				
North Muskham -	1,203	526	133	—	—	Do.	Fair.		
Norwell -	2,568	350	90	—	—				
Norwell Woodhouse	455	61	17	—	—	Do.	Fair.		
Ollerton -	1,773	711	189	129	Nottingham T.C. (bulk) -				
Ompton -	614	51	10	—	—	Do.	Not good.		
Ossington -	2,412	196	41	—	—				
Oxton -	3,618	405	109	2	Nottingham T.C. -	Spring & wells Wells	Fair.		
Perlethorpe cum Budby.	5,532	352	82	—	—				
Rolleston -	1,679	181	46	—	—	Wells	Fair.		
Rufford -	9,938	312	70	24	Nottingham T.C. through Lord Savile.				
South Muskham -	2,807	194	48	—	—	Wells	Fair.		
Southwell -	4,937	3,349	825	582	Newark T.C. -				
Staythorpe -	661	55	12	—	—	Wells	Fair.		
Sutton upon Trent	2,657	927	260	—	—				
Syerston -	770	106	33	—	—	Spring & wells	Fair.		
Thorpe -	722	62	20	—	—				
Thurgarton -	2,573	288	68	—	—	Wells	Fair.		
Upton -	1,492	490	104	61	Newark T.C. -				
Walesby -	1,474	233	59	—	—	Wells	Fair.		
Wellow -	1,001	251	87	78	Nottingham T.C. through Lord Savile.				
Weston -	1,740	290	76	—	—	Wells	Fair.		
Winkburn -	2,371	93	25	—	—				
<b>Stapleford R.D. :</b>									
Bramcote -	1,064	683	164	—	—	Wells	Good and sufficient.		
Chilwell -	1,449	1,359	380	—	—				
Stapleford -	1,253	7,789	1,832	1,380	Stapleford & Sandiacre Water Co., Ltd.	Wells	Good and sufficient.		
Toton -	1,388	176	39	—	—				



County.	Area in Acres.	Population. 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
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1.	2.	3.	4.	5.	6.	7.	8.
<b>OXFORDSHIRE.</b>							
Banbury B. -	4,633	13,458	3,021	2,799	Banbury Water Co. -	Wells & springs	Satisfactory & adequate.
Bicester U.D. -	3,739	3,385	769	733	Bicester U.D.C. -	Do. -	Good and generally adequate.
Chipping Norton B. -	2,456	3,972	903	843	Chipping Norton T.C. -	Do. -	Satisfactory.
Henley on Thames B. -	549	6,456	1,472	1,472	Henley on Thames Water Co., Ltd. -	—	—
Oxford C.B. -	4,719	53,048	11,669	11,619	Oxford T.C. -	Wells -	Satisfactory.
Thame U.D. -	5,229	2,957	687	637	Thame U.D.C. -	Do. -	Good.
Wheatley U.D. -	990	966	243	—	—	Wells & springs -	Good and adequate.
Witney U.D. -	378	3,529	829	669	Witney U.D.C. -	Wells -	—
Woodstock B. -	156	1,594	363	363	Duke of Marlborough -	—	—
<b>Banbury R.D.:</b>							
Alkerton -	742	102	33	—	—	Spring & wells	Good.
Barford St. John -	726	68	14	—	—	Wells -	Do.
Barford St. Michael -	1,134	248	66	—	—	Do. -	Good and adequate.
Bloxham -	3,142	1,335	312	30	Bloxham and District Water Co., Ltd. -	Do. -	Unsatisfactory.
Bodicote -	1,299	657	167	11	Do. do. -	Do. -	—
Bourton -	1,681	406	111	70	Banbury R.D.C. -	Do. -	—
Broughton -	975	132	37	—	—	Do. -	—
Clattercote -	338	5	1	—	—	Well -	Good.
Claydon -	1,199	210	49	—	—	—	—
Cropredy -	1,828	405	114	44	Brazenose College, Oxford -	Wells -	—
Drayton -	926	164	45	—	—	—	—
East Adderbury -	2,058	858	209	31	Bloxham, &c. Water Co., Ltd. -	Do. -	Good and adequate.
East Shutford -	409	16	4	—	—	Do. -	Good.
Epwell -	1,140	187	57	—	—	Wells & springs	Doubtful.
Hanwell -	1,270	194	46	—	—	Do. -	—
Hook Norton -	5,495	1,349	329	—	—	—	—
Horley -	1,192	222	58	—	—	Wells -	Good.
Hornton -	1,422	379	95	74	Banbury R.D.C. -	Do. -	Good and adequate.
Milcombe -	1,254	138	41	—	—	Do. -	Good.
Milton -	810	161	35	30	Bloxham, &c. Water Co., Ltd. -	Do. -	Good and adequate.
Mollington -	1,442	176	54	—	—	Do. -	Good.
North Newington -	1,108	367	89	—	—	—	—
Prescote -	554	18	3	—	—	—	—
Shenington -	1,628	260	71	40	The Provost and Scholars of Oriel College, Oxford. -	—	—
Sibford Ferris -	1,008	265	48	—	—	Springs -	Good, but part inadequate.
Sibford Gower -	1,758	368	112	—	—	Wells & springs	—
South Newington -	1,437	222	65	—	—	Wells -	Good.
Swalecliffe -	1,679	234	66	—	—	Wells & springs	—
Tadmarton -	2,070	318	76	—	—	Wells -	Good and adequate.
Wardington -	2,670	563	145	72	Banbury R.D.C. -	Wells -	Good.
West Adderbury -	1,160	334	95	6	Bloxham, &c. Water Co., Ltd. -	Wells and spring	Good.
West Shutford -	952	299	71	—	—	Wells -	Doubtful and inadequate.
Wiglington -	1,187	226	60	—	—	Wells & springs	Doubtful, but adequate.
Wroxton -	2,543	569	145	—	—	—	—
<b>Bicester R.D.:</b>							
Ambrosden -	605	141	32	—	—	—	—
Ardley -	1,493	162	39	—	—	—	—
Arncot -	1,700	174	42	—	—	—	—
Blackthorn -	2,031	249	65	—	—	—	—
Bleehingdon -	2,654	488	120	—	—	—	—
Bucknell -	1,894	221	56	—	—	—	—
Caversfield -	1,278	101	19	—	—	—	—
Charlton on Otmoor -	822	269	72	—	—	—	—
Chesterton -	2,527	348	89	—	—	—	—
Cottisford -	1,068	150	42	—	—	—	—
Fencot and Marcot -	1,139	156	38	—	—	—	—
Finnere -	1,570	222	64	—	—	—	—
Fringford -	1,460	374	97	—	—	—	—
Fritwell -	1,743	453	128	—	—	—	—
Godington -	1,019	65	13	—	—	—	—
Hardwick -	389	62	12	—	—	—	—
Hethe -	1,425	296	83	—	—	—	—
Islip -	2,003	566	151	—	—	—	—
Kirtlington -	3,582	616	142	—	—	Wells, springs and ponds.	Variable, but sufficient.
Launton -	2,818	544	136	—	—	—	—
Lower Heyford -	1,765	455	107	—	—	—	—
Merton -	1,932	143	34	—	—	—	—
Middleton Stony -	1,853	273	66	—	—	—	—
Mixbury -	2,449	235	60	—	—	—	—
Newton Purcell -	602	130	27	—	—	—	—
Noke -	800	104	24	—	—	—	—
Oddington -	1,363	131	32	—	—	—	—
Piddington -	2,354	191	61	—	—	—	—
Shelswell -	822	42	8	—	—	—	—
Somerton -	1,977	274	55	—	—	—	—
Souldern -	1,496	396	117	—	—	—	—
Stoke Lyne -	3,901	403	109	—	—	—	—
Stratton Audley -	2,308	352	81	—	—	—	—
Tusmore -	735	79	14	—	—	—	—
Upper Heyford -	1,628	314	67	—	—	—	—
Wendlebury -	1,154	171	42	—	—	—	—
Weston on the Green -	2,295	271	70	—	—	—	—



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Oxfordshire—cont.</b>							
<b>Chipping Norton R.D.:</b>							
Ascot under Wychwood.	1,839	365	95	84	Chipping Norton R.D.C.	Wells & springs	Good and sufficient.
Bruern - - -	1,876	82	15	—	—		
Chadlington - -	3,450	578	154	130	Earl of Ducie - - -		
Charlbury - - -	2,572	1,307	353	185	Chipping Norton R.D.C.		
Chastleton - - -	1,769	175	42	—	Charlbury Waterworks Co., Ltd.		
Churchill - - -	2,842	515	117	93	Earl of Ducie - - -		
Cornbury Park -	632	56	17	—	—		
Cornwell - - -	849	79	19	—	—		
Enstone - - -	6,245	932	238	—	—		
Fawler - - -	1,655	169	37	—	—		
Fifield - - -	1,160	226	56	50	Chipping Norton R.D.C.		
Finstock - - -	883	431	117	—	—		
Great Rollright -	2,414	349	91	—	—		
Great Tew - - -	3,007	369	102	—	—		
Heythrop - - -	1,763	247	47	—	—		
Idbury - - -	1,565	157	42	25	Peters, Esq. - - -		
Kingham - - -	1,877	876	159	—	—		
Langley - - -	303	45	11	—	—		
Leafield - - -	901	671	167	—	—		
Little Rollright -	627	31	8	—	—		
Little Tew - - -	1,579	186	53	—	—		
Lynham - - -	1,943	214	52	35	Earl of Ducie - - -		
Milton under Wychwood.	2,080	707	207	195	Chipping Norton R.D.C.		
Over Norton - -	2,345	343	89	75	Lt. Col. W. G. Dawkins		
Salford - - -	1,567	313	74	71	Chipping Norton R.D.C.		
Sarsden - - -	1,431	176	39	—	Chipping Norton T.C.		
Shipton under Wychwood.	2,520	654	169	110	Chipping Norton R.D.C.		
Shorthampton or Chilson.	1,678	173	42	36	Shipton under Wychwood Water Committee.		
Spelsbury - - -	4,304	438	112	85	Chipping Norton R.D.C.		
Swerford - - -	1,925	292	83	53	Viscount Dillon - - -		
Wychwood - - -	3,782	197	49	—	Swerford P.C. - - -		
<b>Crowmarsh R.D.:</b>							
Bensington - -	2,921	985	250	18	South Oxfordshire Water & Gas Co.	Wells - - -	Fair, but adequate.
Berrick Salome -	603	143	30	—	—	Do. - - -	Good and adequate.
Crowmarsh Gifford	662	277	55	55	S. Oxfordshire Water, &c. Co.	—	—
Dorchester - - -	1,954	804	170	—	—	Wells - - -	Good and adequate.
Ewelme - - -	2,487	479	86	—	—	Wells & springs	Fair, but adequate.
Mongewell - - -	1,654	170	30	—	—	Wells and River	Wells good, river in-
Newington - - -	2,111	235	50	—	—	Thame.	different; adequate.
Newnham Murren -	1,852	216	50	6	S. Oxfordshire Water, &c. Co.	Wells - - -	Good and adequate.
North Stoke - -	853	169	47	2	Do. do.	(a) Wells, (b) rainwater,	(a) Fair and adequate;
South Stoke - -	3,370	928	200	45	—	Wells - - -	(b) inferior & variable.
Warborough - -	1,697	608	180	—	—	—	Good and adequate.
<b>Culham R.D.:</b>							
Burcot - - -	679	161	39	—	—	Wells - - -	Good and adequate.
Chiselhampton -	939	118	27	—	—		
Clifton Hampden -	1,245	305	76	—	—		
Culham - - -	2,052	450	87	7	Abingdon T.C.		
Drayton St. Leonard.	1,301	184	59	—	—		
Marsh Baklon -	829	253	63	—	—		
Nuneham Courteney	2,108	304	79	—	—		
Sandford on Thames	1,005	360	83	—	—		
Stadhampton - -	623	263	71	—	—		
Toot Baklon - -	1,565	216	53	—	—		
<b>Goring R.D.:</b>							
Goring - - -	4,611	1,785	441	356	Exors. of the late Sir C. D. Rose, Bart.	Do. - - -	Satisfactory.
Mapledurham - -	3,068	547	119	10	S. Oxfordshire Water, &c. Co.		
Whitchurch - -	2,049	847	197	126	Reading T.C. (bulk)		
					S. Oxfordshire Water, &c. Co.		
					Tilehurst, Pangbourne and District Water Co., Ltd.		
					Exors. of the late Sir C. D. Rose, Bart.		
<b>Headington R.D.:</b>							
Beckley - - -	3,620	248	74	—	—	Do. - - -	Good.
Chippinghurst - -	314	12	5	—	—		
Cowley - - -	909	2,510	491	383	Oxford T.C.		
Cuddesdon - - -	956	274	61	27	Magdalen College, Oxford		
Denton - - -	545	157	30	—	—		
Elstfield - - -	1,295	163	34	30	H. J. Parsons, Esq.		
Forest Hill with Shotover.	1,979	399	108	75	Headington R.D.C.		
Garsington - - -	2,233	579	138	105	—		
Headington - - -	1,955	4,488	1,100	800	Oxford T.C.		
Holton - - -	1,717	201	54	—	—		
Horsepath - - -	1,154	382	92	92	Headington R.D.C.		



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Oxfordshire—cont.</b>							
<b>Headington R.D.</b>							
—cont.							
Horton cum Studley	1,287	246	61	30	Sir Francis Bertie - - -	Wells - - -	Good.
Ifley - - -	398	357	99	81	Oxford T.C. - - -		
Littlemoor - - -	877	1,909	273	100			
Marston - - -	1,227	716	178	69	Headington R.D.C. - - -		
Stanton St. John - - -	2,731	397	123	90			
Stowood - - -	593	34	8	—			
Studley - - -	952	52	13	—	—		
Woodeston - - -	788	80	16	—	—		
<b>Henley R.D. :</b>							
Badgemore - - -	1,530	399	93	40	Henley on Thames Water Co.	Wells - - -	Good.
Bix - - -	3,078	418	110	6	S. Oxfordshire W. & G. Co. -	Wells & rainwater	
Brightwell Baldwin	1,612	188	49	—	—	Wells, springs & rain-water.	
Britwell Prior - - -	720	64	15	—	—	Wells and rain- water.	
Britwell Salome - - -	884	126	37	—	—	Wells and spring	
Checkendon - - -	3,092	435	99	52	S. Oxfordshire W. & G. Co. -	Wells & rainwater	
Cuxham - - -	492	127	33	—	—	Wells - - -	
Eye and Dunsden - - -	4,089	1,246	307	38	Reading T.C. - - -	Wells, springs	
Harpden - - -	2,021	313	81	74	S. Oxfordshire Water, &c. Co.	& rain-water	
Ipsden - - -	3,427	654	172	38	Henley on Thames Water Co.	Wells - - -	
Kidmore End - - -	2,475	549	149	103	S. Oxfordshire W. & G. Co. -	Wells and rain- water.	Fair.
Nettlebed - - -	1,172	551	145	—	Do. do.	Wells - - -	
Nuffield - - -	2,104	232	50	—	—	Wells and rain- water.	Fair.
Pishill - - -	793	148	44	—	—	Do. do.	
Pyrton - - -	3,306	299	76	—	—	Do. do.	Good.
Rotherfield Greys - - -	2,606	606	141	48	Henley on Thames Water Co.	Wells - - -	
Rotherfield Peppard	2,194	606	149	103	South Oxfordshire Water and	Wells - - -	Good.
Shiplake - - -	2,740	1,236	347	119	Gas Co.	Wells and rain- water.	
Stonor - - -	1,541	170	56	—	—	Do. do.	Fair.
Swyncombe - - -	2,708	314	81	—	—	Wells and springs	Good.
Watlington - - -	3,687	1,548	436	—	—	Wells and springs	Good.
<b>Thame R.D. :</b>							
Adwell - - -	434	45	13	—	—	Wells - - -	Generally good and adequate.
Albury - - -	674	27	6	—	—		
Ascot - - -	581	34	5	—	—	Wells - - -	Generally good and adequate.
Aston Rowant - - -	2,924	532	138	—	—		
Attingham - - -	444	20	5	—	—	Wells and springs	Generally good and adequate.
Chalgrove - - -	2,433	364	93	—	—		
Chilworth - - -	1,082	89	18	—	—	Wells and springs	Generally good and adequate.
Chinnor - - -	2,712	975	268	—	—		
Crowell - - -	996	83	21	—	—	Wells - - -	Generally good and adequate.
Easington - - -	295	25	6	—	—		
Emmington - - -	740	42	10	—	—	Wells and springs	Generally good and adequate.
Great Hasely - - -	3,255	517	130	—	—		
Great Milton - - -	1,444	439	122	—	—	Wells - - -	Generally good and adequate.
Kingsey - - -	1,431	138	34	—	—		
Lewknor - - -	2,667	379	97	—	—	Wells and springs	Generally good and adequate.
Little Milton - - -	1,348	256	73	—	—		
Shirburn - - -	2,421	298	68	—	—	Wells - - -	Generally good and adequate.
South Weston - - -	485	81	19	—	—		
Stoke Talmage - - -	869	102	21	—	—	Wells and springs	Generally good and adequate.
Sydenham - - -	1,548	239	68	—	—		
Tetsworth - - -	1,179	316	85	—	—	Wells and springs	Generally good and adequate.
Thomley - - -	564	14	3	—	—		
Tiddington - - -	422	156	40	—	—	Wells - - -	Generally good and adequate.
Warpsgrove - - -	335	37	6	—	—		
Waterperry - - -	1,936	149	34	—	—	Wells and springs	Generally good and adequate.
Waterstock - - -	963	125	29	—	—		
Wheatfield - - -	740	72	15	—	—	Wells and rain- water.	Generally good and adequate.
<b>Witney R.D. :</b>							
Alvescot - - -	2,081	351	74	—	—	Wells - - -	Doubtful, but adequate.
Asthall - - -	2,259	319	81	18	Witney R.D.C. - - -	(a) Wells, (b) rain-water.	(a) Doubtful, but adequate, (b) doubtful.
Aston and Cote - - -	2,997	647	149	—	—	Wells - - -	Doubtful, but adequate.
Bampton - - -	4,530	1,240	299	55	Witney R.D.C. - - -		
Black Bourton - - -	2,352	577	140	—	—	(a) Wells, (b) rain-water.	(a) Doubtful, but adequate, (b) doubtful.
Brightampton - - -	626	42	13	—	—	Wells - - -	Doubtful, but adequate.
Brize Norton - - -	3,265	511	132	—	—		
Broadwell - - -	1,778	190	50	18	W. H. Fox, Esq. - - -	(a) Wells, (b) springs.	(a) Doubtful, but adequate, (b) good and adequate.
Broughton Poggs - - -	909	83	22	—	—	Wells - - -	Doubtful, but adequate.
Burford - - -	760	1,047	248	220	Burford Waterworks Co., Ltd.		
Chimney - - -	668	33	5	—	—	Wells - - -	Doubtful, but adequate.
Clanfield - - -	1,798	535	116	—	—		
Cogges - - -	2,285	888	184	—	—	Wells - - -	Doubtful, but adequate.
Crawley - - -	1,128	192	46	—	—		
Curbridge - - -	2,867	678	90	12	Witney U.D.C. - - -	Wells - - -	Doubtful, but adequate.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Oxfordshire—cont.</b>							
<b>Witney R.D.—cont.</b>							
Ducklington -	1,934	422	94	—	—	—	—
Eynsham -	5,446	1,683	399	356	Witney R.D.C. J. F. Mason, Esq., M.P.	—	—
Filkins -	1,781	420	111	—	—	—	—
Fulbrook -	1,853	291	79	74	Witney R.D.C.	Wells	Doubtful, but adequate.
Grafton -	625	72	15	—	—	—	—
Hailey -	2,819	972	200	8	Witney U.D.C.	—	—
Handborough -	2,270	853	214	—	—	—	—
Hardwick -	442	96	29	—	—	—	—
Holwell -	1,063	99	24	24	W. H. Fox, Esq.	—	—
Kelmscot -	1,037	159	30	—	—	—	—
Kencott -	1,083	149	44	—	—	—	—
Langford -	2,117	333	72	62	Eccelesiastical Commissioners	Wells	Doubtful, but adequate.
Lew -	1,642	116	22	—	—	—	—
Little Faringdon -	1,168	120	27	25	Lord de Mauley	(a) Wells, (b) rain-water.	(a) Doubtful, but adequate, (b) doubtful.
Minster Lovell -	1,951	448	118	—	—	—	—
North Leigh -	2,423	650	157	4	J. F. Mason, Esq., M.P.	—	—
Northmoor -	2,049	226	58	—	—	—	—
Osney Hill -	77	7	2	—	—	—	—
Radcot -	441	20	5	—	—	Wells	Doubtful, but adequate.
Ramsden -	920	343	79	60	Witney R.D.C.	—	—
Shifford -	775	37	9	—	—	—	—
Shilton -	1,604	201	58	—	—	(a) Wells, (b) springs.	(a) Doubtful, but adequate, (b) good and adequate.
South Leigh -	2,365	293	65	—	—	—	—
Standlake -	2,621	560	133	—	—	Wells	Doubtful, but adequate.
Stanton Harcourt -	3,447	465	124	—	—	—	—
Swinbrook -	1,714	207	45	45	Lord Redesdale	—	—
Taynton -	2,004	212	55	36	M. E. R. Wingfield, Esq.	Wells	Doubtful, but adequate.
Upton and Signet -	2,179	236	36	20	Burford Waterworks Co., Ltd.	Springs	Good and adequate.
Westwell -	1,445	92	21	—	—	Do.	—
Widford -	552	30	8	—	—	—	—
Wilcote -	319	8	2	—	—	Wells	Doubtful, but adequate.
Yelford -	336	17	3	—	—	—	—
<b>Woodstock R.D.:</b>							
Begbroke -	577	93	17	—	—	Wells	—
Bladon -	851	374	91	—	—	Wells & springs	Satisfactory & sufficient.
Blenheim Park -	2,270	162	25	25	Duke of Marlborough	—	—
Cassington -	2,299	296	78	—	—	—	—
Combe -	1,417	437	116	—	—	—	—
Cuttislowe -	282	20	4	—	—	Wells	—
Deddington -	4,271	1,466	392	—	—	—	—
Duns Tew -	1,749	233	53	—	—	—	—
Glympton -	1,259	167	34	—	—	Spring	—
Gosford -	260	78	16	—	—	—	—
Hampton Gay -	684	45	8	—	—	Wells	—
Hampton Poyle -	807	116	23	—	—	—	—
Hensington Without	560	141	28	16	Duke of Marlborough	—	—
Kiddington with Asterleigh.	2,190	244	50	—	—	Spring	—
Kiddington -	2,191	1,087	269	—	—	—	—
Middle Aston -	898	64	17	—	—	Wells	—
Nether Worton -	734	51	12	—	—	—	—
North Aston -	1,288	221	47	—	—	Spring	Satisfactory & sufficient.
Over Worton -	631	68	14	—	—	—	—
Rousham -	1,068	123	26	—	—	—	—
Sandford St. Martin	2,292	329	84	—	—	—	—
Shipton on Cherwell	1,058	89	20	—	—	Wells	—
Steeple Aston -	1,076	551	154	—	—	—	—
Steeple Barton -	3,046	674	190	—	—	—	—
Stonesfield -	817	494	124	—	—	Wells & spring	—
Tackley -	2,913	451	110	—	—	—	—
Thrup -	816	127	27	—	—	—	—
Water Eaton -	1,501	141	27	—	—	—	—
Westcot Barton -	910	150	37	—	—	Wells	—
Wolvercot -	1,065	1,297	250	110	Oxford T.C.	—	—
Wootton -	4,223	610	155	—	—	—	—
Yarnton -	1,493	312	64	—	—	—	—
<b>PETERBOROUGH, SOKE OF.</b>							
Peterborough B.	1,878	33,574	7,960	7,960	Peterborough T.C.	—	—
<b>Barnack R.D.:</b>							
Bainton -	1,739	215	62	—	—	Wells	—
Barnack -	2,961	608	167	110	Barnack R.D.C.	Wells and springs	Good and ample.
Sibson cum Stib- bington (Hunts).	1,542	432	113	—	—	Wells	Inferior in parts.
Southorpe -	1,881	183	44	—	—	Do.	Good and ample.
Stamford Baron St. Martin's With- out.	1,011	288	36	36	Marquess of Exeter	—	—



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<b>Peterborough, Soke of—cont.</b>							
<b>Barnack R.D.— cont.</b>							
Thornhaugh - - -	2,726	233	50	—	—	Wells - - -	Good and ample.
Ufford - - -	1,185	133	37	—	—		
Wansford - - -	396	82	21	—	—		
Wittering - - -	2,720	233	56	—	—		
Wothorpe - - -	637	122	28	14	Marquess of Exeter - - -		
<b>Peterborough R.D.:</b>							
Ailesworth - - -	1,571	240	65	—	—	Wells - - -	Good and sufficient.
Borough Fen - - -	2,884	166	30	—	—	Fen dykes and rain-water.	Bad and insufficient.
Castor - - -	3,405	586	154	—	—	Wells - - -	Good and sufficient.
Deeping Gate - - -	691	180	40	—	—	Do. - - -	Not good and inadequate.
Etton - - -	1,313	148	37	—	—	Wells - - -	Good and sufficient.
Eye - - -	2,711	1,352	333	218	Peterborough T.C. (bulk)		
Glington - - -	1,368	322	87	—	—		
Gunthorpe - - -	212	87	16	8	Peterborough T.C. (bulk)		
Helpston - - -	1,862	688	165	—	—		
Longthorpe - - -	1,804	287	73	52	Peterborough T.C. (bulk)	Wells and spring Wells - - - Fen dykes and rain-water. Wells - - - Do. - - -	Good and sufficient. Indifferent. Bad and insufficient. Indifferent. Good and sufficient.
Marholm - - -	1,412	146	36	—	—		
Maxey - - -	1,483	349	83	—	—		
Newborough - - -	5,531	723	162	—	—		
Northborough - - -	1,205	204	50	—	—		
Paston - - -	892	80	26	2	Peterborough T.C. (bulk)	Wells - - - Do. - - - Wells - - - Do. - - - Do. - - -	Some good, some bad; sufficient. Good and sufficient.
Peakirk - - -	616	244	63	63	Peterborough R.D.C.		
Peterborough With- out.	2,876	1,498	348	82	Peterborough T.C. (bulk)		
Sutton - - -	921	85	23	—	—		
Upton - - -	1,213	90	20	—	—		
Walton - - -	940	864	198	170	Peterborough T.C. (bulk)	Do. - - -	Good and sufficient.
Werrington - - -	1,420	708	203	75	Do. do. - - -		
<b>RUTLAND- SHIRE.</b>							
Oakham U.D. - - -	2,250	3,667	847	654	Oakham Water Co. - - -	Wells - - -	Variable, but sufficient.
<b>Ketton R.D.:</b>							
Clipsham - - -	1,669	134	34	—	—	Wells - - -	Good and ample, but limited in Great Casterton and Ryhall.
Essendine - - -	1,477	215	44	—	—		
Great Casterton - - -	2,303	288	63	—	—		
Ketton - - -	3,338	992	258	85	Ketton R.D.C. - - -		
Little Casterton - - -	1,227	189	44	—	—		
Pickworth - - -	2,486	154	33	—	—		
Ryhall - - -	2,681	701	169	—	—		
Tinwell - - -	1,711	218	52	30	Ketton R.D.C. - - -		
Tixover - - -	843	49	18	—	—		
<b>Oakham R.D.:</b>							
Ashwell - - -	1,835	246	55	1	Oakham Water Co. - - -	Do. - - -	Fair and ample.
Barleythorpe - - -	995	261	40	1	Do. - - -		
Barrow - - -	1,031	130	25	—	—		
Braunston - - -	1,577	357	96	8	Oakham Water Co. - - -		
Brooke - - -	1,439	80	18	—	—		
Burley - - -	3,051	203	50	1	Oakham Water Co. - - -		
Cottesmore - - -	2,504	459	102	60	Earl of Gainsborough - - -		
Edith Weston - - -	1,852	268	66	—	—		
Egleton - - -	923	120	29	—	—		
Empingham - - -	4,875	639	160	100	Earl of Ancaster - - -	Wells and springs.	Good and adequate.
Exton - - -	4,072	613	146	120	Earl of Gainsborough - - -	Wells - - -	Excellent and ample.
Greetham - - -	3,081	531	134	—	—	Wells - - -	Fair and ample.
Gunthorpe - - -	476	40	7	—	—		
Hambleton - - -	2,862	241	55	—	—		
Horn - - -	946	42	6	—	—		
Langham - - -	2,920	625	175	4	Oakham Water Co. - - -		
Leighfield - - -	2,358	35	6	—	—		
Lyndon - - -	911	97	30	—	—		
Manton - - -	1,181	291	70	—	—		
Market Overton - - -	1,806	403	97	—	—		
Martinthorpe - - -	539	4	1	—	—		
Normanton - - -	720	64	10	10	Earl of Ancaster - - -	Wells - - -	Fair and ample.
Stretton - - -	1,976	170	35	—	—		
Teigh - - -	1,289	110	24	—	—		
Thistleton - - -	1,379	114	27	—	—		
Tickencote - - -	1,293	110	30	—	—		
Whissendine - - -	4,033	673	190	—	—		
Whitwell - - -	629	78	20	15	Earl of Gainsborough - - -		
<b>Uppingham R.D.:</b>							
Ayston - - -	904	75	20	—	—	Wells - - -	Good and generally sufficient.
Barrowden - - -	1,813	460	110	—	—	Wells & springs -	Unsatisfactory.
Beaumont Chase - - -	463	17	4	—	—	Wells - - -	Good.



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<b>Rutlandshire—cont.</b>							
<b>Uppingham R.D.</b>							
—cont.							
Belton - - -	1,024	297	75	—	—	Wells - -	Good and generally sufficient.
Bisbrooke - -	1,144	190	43	—	—	{ Do. - -	Good & generally sufficient.
Cakecott - -	1,162	270	60	—	—		
Glaston - -	1,170	188	48	—	—		
Liddington - -	2,127	366	80	—	—	Wells - -	Bad & generally insufficient.
Morcott - -	1,363	392	98	—	—	Do. - -	Satisfactory, but insufficient.
North Luffenham -	2,034	431	101	—	—	Wells & springs -	Good.
Pilton - - -	347	36	7	—	—	{ Wells - -	Satisfactory and sufficient.
Preston - - -	1,207	243	50	—	—		
Riddington - -	2,081	221	55	—	—	Wells - -	Do. do.
Seaton - - -	1,446	198	50	—	—	Wells & springs -	Good.
South Luffenham -	1,442	329	66	—	—	{ Wells - -	Good and sufficient.
Stoke Dry - -	992	61	14	—	—		
Thorpe by Water -	689	48	14	—	—	Do. - -	Good.
Uppingham - -	1,463	2,573	470	310	Uppingham Waterworks Co. -	Do. - -	Good.
Wardley - - -	748	43	10	—	—	Do. - -	Good and sufficient.
Wing - - -	1,116	297	78	—	—	Do. - -	Good & generally adequate.
<b>SHROPSHIRE.</b>							
Bishop's Castle B.	1,867	1,409	348	322	Bishop's Castle T.C. - -	Wells & springs -	Generally good & sufficient.
Bridgnorth B. -	3,018	5,768	1,311	1,226	Bridgnorth T.C. - -	Do. - -	Good.
Church Stretton U.D.	978	1,455	278	273	Church Stretton U.D.C.	Wells & spring -	Good & adequate.
Dawley U.D. - -	2,790	7,701	1,678	1,438	Wenlock T.C. (bulk) - -	Wells - -	Satisfactory.
Ellesmere U.D. -	1,206	1,946	444	442	Liverpool T.C. (bulk) - -	Do. - -	Excellent.
Ludlow B. - -	420	5,926	1,334	1,332	Ludlow T.C. - -	Do. - -	{ Satisfactory.
Market Drayton U.D.	1,216	4,937	1,172	930	Market Drayton Water Co. -	Do. - -	
Newport U.D. - -	768	3,250	732	713	Newport U.D.C. - -	Do. - -	Satisfactory & adequate.
Oakengates U.D. -	2,329	11,744	2,432	2,175	{ Duke of Sutherland (bulk) -	Do. - -	{ Unsatisfactory.
					{ Lilleshall Company, Ltd. -	Rain-water -	
					{ Oswestry T.C. - -	{ Wells - -	Good.
					{ Liverpool T.C. (bulk - occasionally).		
Oswestry B. - -	1,887	9,991	2,252	2,231	Lord Harlech - -	—	—
Shrewsbury B. - -	3,525	29,389	6,541	6,541	Shrewsbury T.C. - -	—	—
Wellington U.D. -	700	7,820	1,702	1,702	Wellington U.D.C. - -	—	—
Wem U.D. - -	452	2,273	502	495	Wem U.D.C. - -	Wells - -	Good.
Wenlock B. - -	22,657	15,244	3,507	2,691	Wenlock T.C. - -	Wells & springs -	Fairly good.
Whitchurch U.D.	4,783	5,757	1,284	1,212	Whitchurch U.D.C. - -	Wells - -	Satisfactory.
<b>Atcham R.D. :</b>							
Acton Burnell -	1,656	246	46	30	Sir W. Smythe, Bart. - -	{ Wells - -	Variable, but adequate.
Alberbury with Cardeston.	7,908	758	160	—	—		
Albrighton - -	771	88	18	—	—	{ Do. - -	Good and adequate.
Astley - - -	1,204	257	56	—	—		
Atcham - - -	2,988	363	70	—	—	Do. - -	Variable, but adequate.
Battlefield - -	1,025	105	20	—	—	{ Do. - -	{ Good, but sometimes inadequate.
Berrington - -	4,374	1,083	128	—	—		
Bicton - - -	5,312	1,936	269	—	—	Do. - -	Good and adequate.
Buildwas - - -	2,181	294	56	30	Capt. H. R. Moseley - -	Do. - -	Good and adequate.
Church Preen -	1,174	94	23	6	Sparrow's Trustees - -	Do. - -	Variable, but adequate.
Church Pulverbatch.	4,233	419	90	—	—	{ Do. - -	Some good and adequate.
Condover - - -	7,512	1,765	359	130	{ Atcham R.D.C. - -		
					{ Col. Hope-Edwards - -	{ Do. - -	Variable, but adequate.
					{ E. B. Fielden, Esq. - -		
Cound - - -	3,772	560	104	43	A. C. McCorquodale, Esq. -	{ Do. - -	Variable, but adequate.
Cressage - - -	2,315	328	61	30	Lord Barnard - -		
Eaton Constantine	945	206	50	12	Sir Odley Wakeman, Bart. -	{ Do. - -	Doubtful, but adequate.
Fitz - - -	1,587	267	56	18	—		
Ford - - -	1,202	321	79	—	—	{ Do. - -	Variable, but adequate.
Frodesley - - -	2,262	207	37	8	Sir W. Smythe, Bart. - -		
Great Hanwood -	422	358	73	—	—	{ Do. - -	Variable, but adequate.
Habberley - - -	804	99	22	—	—		
Harley - - -	2,075	173	46	25	Lord Barnard - -	{ Do. - -	Variable and inadequate.
Hughley - - -	1,105	80	17	—	—		
Kenley - - -	1,914	202	40	—	—	{ Do. - -	Good and adequate.
Leighton - - -	1,712	268	58	—	—		
Melverley - - -	1,444	177	45	—	—	{ Do. - -	Variable and inadequate.
Meole Brace - -	2,935	2,140	416	263	Atcham R.D.C. - -		
Minsterley - -	2,773	747	181	—	—	{ Do. - -	Variable, but adequate.
Montford - - -	3,137	465	100	38	Earl of Powis - -		
Pitchford - - -	1,684	183	40	20	Lady Grant - -	{ Do. - -	Variable, but adequate.
					—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1	2	3	4	5	6	7	8
<b>Shropshire—cont.</b>							
<b>Atoham R.D.—cont.</b>							
Pontesbury - - -	11,011	2,690	582	105	{ Atcham R.D.C. - - - Heighway Jones, Esq. - - -	Wells - - -	Some good and adequate.
Preston Gubbals - -	2,349	519	97	—	—	—	—
Ruckley and Langley. - - -	1,536	87	17	8	Sir W. Smythe, Bart. - - -	—	—
Shelton - - -	982	113	27	8	Capt. H. R. Moseley - - -	—	—
Shrawardine - - -	2,000	179	33	27	Earl of Powis - - -	—	—
Shrewsbury St. Alkmond. - - -	5,453	716	142	26	{ Col. A. H. O. Lloyd - - - Major Wingfield - - -	Do. - - -	Variable, but adequate.
Stapleton - - -	2,554	245	44	—	—	—	—
Sutton - - -	507	43	13	—	—	—	—
Uffington - - -	3,055	306	63	—	—	—	—
Uppington - - -	719	80	16	15	Lord Barnard - - -	—	—
Upton Magna - - -	3,282	441	93	22	H. D. Corbet, Esq. - - -	—	—
Westbury - - -	8,800	1,115	255	—	—	Do. - - -	Some good and adequate.
Withington - - -	1,144	192	54	—	—	—	—
Wollaston - - -	3,406	255	62	—	—	Do. - - -	Variable, but adequate.
Wroxeter - - -	5,953	600	115	25	Lord Barnard - - -	—	—
<b>Bridgnorth R.D.:</b>							
Acton Round - - -	2,245	170	39	—	—	Wells - - -	—
Alveley - - -	5,462	968	220	50	H. E. Monk, Esq. (bulk) - - -	Wells & springs	—
Astley Abbots - - -	3,325	543	149	15	W. H. Foster, Esq. - - -	—	—
Aston Eyre - - -	1,306	86	18	8	Lord Acton - - -	Wells - - -	—
Billingsley - - -	1,302	161	33	14	Billingsley Colliery Co., Ltd. - - -	—	—
Burwarton - - -	1,248	166	33	20	The Hon. F. G. Hamilton-Russell - - -	Springs - - -	—
Chelmarsh - - -	3,283	532	118	—	—	Wells & springs	—
Chetton - - -	4,038	447	98	—	—	—	—
Claverley - - -	8,185	1,363	368	—	—	—	—
Cleobury North - -	1,574	250	39	30	The Hon. F. G. Hamilton-Russell - - -	Wells - - -	—
Deuxhill - - -	493	40	9	—	—	—	—
Ditton Priors - - -	5,566	619	114	30	The Hon. F. G. Hamilton-Russell - - -	Wells & springs	—
Eardington - - -	1,307	330	76	—	—	Wells - - -	—
Glazeley - - -	639	42	8	—	—	Do. - - -	—
Middleton Scriven -	802	111	25	—	—	Wells & springs	—
Monkhopton - - -	2,369	160	37	11	{ Lord Barnard - - - Lord Wenlock - - -	—	Good and sufficient
Morville - - -	3,963	377	85	—	—	—	—
Necnton - - -	1,172	91	24	—	—	—	—
Oldbury - - -	817	322	72	10	Bridgnorth T.C. - - -	—	—
Quatt Malvern - -	1,379	137	37	20	Col. F. A. Wolryche-Whitmore - - -	—	—
Romsley - - -	1,375	105	26	—	—	—	—
Rudge - - -	1,585	131	28	—	—	—	—
Sidbury - - -	1,284	70	12	—	—	Wells - - -	—
Stanton Long - - -	2,725	212	52	—	—	—	—
Tasley - - -	1,059	106	17	—	—	—	—
Upton Cressett - -	1,648	42	9	—	—	—	—
Worfield - - -	10,370	1,544	363	104	{ Mrs. Davenport - - - W. H. Foster, Esq. - - - R. S. Wilson, Esq. - - - Bridgnorth T.C. - - -	—	—
<b>Burford R.D.:</b>							
Boraston - - -	1,455	261	63	—	—	—	—
Burford - - -	1,558	347	72	18	Tenbury R.D.C. - - -	Wells - - -	Sufficient.
Greet - - -	1,644	156	30	—	—	—	—
Nash - - -	2,331	448	100	9	Tenbury R.D.C. - - -	—	—
Whitton - - -	810	96	21	—	—	—	—
<b>Chirbury R.D.:</b>							
Brompton and Rhston. - - -	1,817	149	29	—	—	Wells - - -	Fair.
Chirbury - - -	11,317	1,125	250	30	Earl of Powis - - -	Do. - - -	Good.
Worthen - - -	13,911	2,030	532	—	—	Do. - - -	Bad.
<b>Church Stretton R.D.:</b>							
Acton Scott - - -	1,934	185	41	—	—	—	—
All Stretton - - -	4,565	671	139	53	All Stretton Waterworks Co., Ltd. - - -	Wells & springs	Good.
Cardington - - -	6,685	587	126	—	—	Do. - - -	Good; inadequate in parts.
Easthope - - -	817	95	22	—	—	—	—
Eaton under Hey- wood. - - -	4,885	362	75	—	—	Wells & springs	—
Hope Bowdler - - -	1,729	144	29	—	—	—	—
Leebotwood - - -	1,287	189	39	20	Col. F. A. Wolryche-Whitmore - - -	—	—
Little Stretton - -	4,743	309	75	34	Church Stretton U.D.C. - - -	Wells - - -	Good and sufficient.
Longnor - - -	821	178	39	—	—	Wells & springs	—
Rushbury - - -	6,304	576	126	—	—	—	—
Shipton - - -	1,753	154	26	—	—	Wells - - -	—
Sibdon Carwood - -	769	70	12	—	—	—	—
Smethcott - - -	2,742	274	54	—	—	Wells - - -	—
Wistanstow - - -	5,231	907	202	—	—	—	—
Woolstaston - - -	841	96	18	—	—	Wells & springs	—
<b>Cleobury Mortimer R.D.:</b>							
Aston Botterell - -	2,280	154	35	3	Lord Boyne - - -	—	—
Cleobury Mortimer -	7,218	1,531	464	180	Cleobury Mortimer R.D.C. - - -	Wells & springs	Fairly good.
Coreley - - -	2,205	597	122	9	Lord Alexander Thynne - - -	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Shropshire—cont.</b>									
<b>Cleobury Mortimer R.D.—cont.</b>									
Farlow - - -	2,117	319	69	—	—	Wells & springs	Fairly good.		
Highley - - -	1,578	1,489	250	150	Highley Mining Co., Ltd.				
Hopton Wafers - -	1,574	423	97	—	—				
Kinlet - - -	8,164	536	112	—	—				
Loughton - - -	1,035	72	15	—	—				
Milson - - -	1,031	121	21	—	—				
Neen Savage - - -	3,808	385	72	—	—				
Neen Sollars - - -	1,797	205	40	—	—				
Silvinton - - -	496	44	8	—	—				
Stottesdon - - -	9,486	1,006	216	—	—				
Wheatthill - - -	1,440	90	21	—	—	Wells & springs	Generally good, but variable.		
Woodhouse - - -	109	4	1	—	—				
<b>Clun R.D.:</b>									
Bishop's Castle Rural	4,005	208	40	—	—				
Clun - - -	20,535	1,873	442	214	Clun R.D.C. - - -				
Clunbury - - -	7,624	753	186	65	Do. - - -				
Clungunford - - -	3,759	485	113	22	E. M. Rocke, Esq. (part in bulk)				
Edgton - - -	1,683	166	34	—	—				
Hopesay - - -	4,155	613	132	—	—				
Hopton Castle - - -	2,550	119	25	21	Sir H. W. A. Ripley, Bart.				
Lydbury North - -	8,195	806	169	75	{ Earl of Powis - - - Clun R.D.C. - - -				
Lyddham - - -	1,927	133	22	—	—	Wells & springs	Generally good, but variable.		
Mainstone - - -	4,993	175	32	—	—				
More - - -	3,512	181	36	—	—				
Myndtown - - -	3,256	150	35	—	—				
Norbury - - -	2,330	162	39	—	—				
Ratlinghope - - -	5,533	198	40	—	—				
Shelve - - -	1,846	131	32	—	—				
Wentnor - - -	6,303	412	110	—	—				
<b>Drayton R.D.:</b>									
Adderley - - -	2,870	312	62	—	—	Wells & springs	Variable.		
Cheswardine - - -	5,490	794	196	29	R. C. Donaldson-Hudson, Esq. (bulk).				
Child's Ercall - - -	3,749	377	84	—	—				
Hinstock - - -	3,266	668	180	—	—				
Hodnet - - -	9,625	1,524	379	40	Lord Marchamley - - -				
Moreton Say - - -	6,641	903	183	—	—				
Norton in Hales - -	4,067	613	127	14	Market Drayton Water Co. -				
Stoke upon Tern - -	5,683	740	192	—	—				
Sutton upon Tern - -	3,739	517	106	—	—				
Tittenley - - -	581	29	6	—	—				
Woore - - -	4,457	926	206	—	—	Wells & springs	Fair. Good.		
<b>Ellesmere R.D.:</b>									
Baschurch - - -	8,491	1,601	350	—	—				
Cockshutt - - -	5,362	682	127	—	—				
Ellesmere Rural - -	19,889	3,066	624	134	{ Liverpool T.C. (bulk); and thro' Ellesmere U.D.C. Lord Trevor - - -				
Great Ness - - -	3,981	561	123	—	—	Do.	Generally good.		
Hadnall - - -	2,444	588	123	—	—				
Hordley - - -	2,541	293	64	—	—				
Little Ness - - -	1,406	277	65	—	—				
Myddle - - -	4,691	744	168	—	—				
Petton - - -	834	53	8	—	—				
Welshampton - - -	1,476	500	112	—	—				
<b>Ludlow R.D.:</b>									
Abdon - - -	2,189	146	32	—	—	Wells & springs	Fair & sufficient.		
Ashford Bowdler - -	596	104	19	—	—				
Ashford Carbonell -	1,521	315	73	—	—				
Bitterley - - -	6,879	1,090	218	—	—				
Bromfield - - -	6,322	539	118	—	—				
Caynham - - -	2,569	1,180	255	—	—				
Clee St. Margaret - -	1,583	212	54	—	—				
Cold Weston - - -	419	19	5	—	—				
Culmington - - -	3,558	493	115	—	—				
Diddlebury - - -	8,690	690	145	—	—				
East Hamlet - - -	1,194	153	38	3	Ludlow T.C. - - -	Wells & springs	Fair & sufficient.		
Halford - - -	1,348	212	47	40	Ludlow R.D.C. - - -				
Heath - - -	850	52	10	—	—				
Holdgate - - -	1,254	85	18	—	—				
Hope Bagot - - -	464	85	17	—	—				
Hopton Cangeford - -	1,279	72	14	—	—				
Ludford - - -	1,849	250	59	41	Ludlow T.C. - - -				
Munslow - - -	3,101	485	115	—	—				
Onibury - - -	2,532	451	89	—	—				
Richards Castle - -	2,409	456	102	—	—				
Stanton Lacy - - -	5,745	673	155	—	—	Wells & spring	Good.		
Stoke St. Mil- borough, - - -	4,990	434	98	—	—				
Stokesay - - -	3,661	1,142	240	151	Ludlow R.D.C. - - -				
Tugford - - -	1,346	100	21	—	—				
<b>Newport R.D.:</b>									
Cherrington - - -	1,086	157	35	—	—	Wells & spring	Good.		
Chetwynd Aston Rural - - -	1,228	313	72	37	Newport U.D.C. (bulk) -				
Chetwynd Rural - -	4,884	610	147	—	—				



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Shropshire—cont.</b>								
<b>Newport R.D.—cont.</b>								
Church Aston Rural	630	406	97	63	Newport U.D.C. (bulk) -	Wells & spring -	{ Good.	
Edgmond - - -	4,199	913	213	43	Rev. A. Talbot - - -	Wells - - -		
Lilleshall - - -	6,046	2,969	597	504	Duke of Sutherland - - -	Colliery pits -	{ Doubtful.	
Longford - - -	1,258	127	24	1	Do. - - -	Wells & spring -		
Tibberton - - -	1,494	290	74	51	Do. - - -	Wells - - -	{ Good.	
Woodcote - - -	1,983	220	48	1	Do. - - -	Wells & spring -		
<b>Oswestry R.D.:</b>								
Kinnerley - - -	6,105	1,022	214	—	— - -	Wells - - -	{ Good.	
Knockin - - -	1,610	242	45	—	— - -	Wells & springs		
Llanfyllidwel - -	4,869	840	160	—	— - -	Wells & springs		
Llanymynech - -	1,345	577	105	31	Oswestry R.D.C. - - -	Wells & springs		
Oswestry Rural -	14,347	4,171	804	125	Do. - - -	Wells - - -		
Ruyton of the Eleven Towns.	4,828	934	190	—	— - -	Wells - - -		
St. Martin's - - -	2,925	1,406	260	218	Oswestry R.D.C. - - -	Wells & springs		
Selattyn - - -	5,604	997	208	8	Lord Trevor - - -	Wells - - -		
Sychtyn - - -	1,459	145	30	—	Liverpool T.C. (bulk) -	Springs - - -		
West Felton - - -	6,108	892	200	—	— - -	Wells - - -		
Weston Rhyn - - -	2,560	1,863	305	270	Oswestry R.D.C. - - -	Wells & springs		
Whittington - - -	8,666	2,354	440	160	Liverpool T.C. (bulk) -	Wells & springs		
<b>Shifnal R.D.:</b>								
Albrighton - - -	3,472	1,076	250	171	Wolverhampton T.C (bulk) -	Wells & springs	{ Good.	
Badger - - -	924	132	29	—	— - -	Wells & springs		
Beckbury - - -	1,346	286	74	70	Wolverhampton T.C. -	Wells - - -		
Blymhill (Staffs.) -	3,024	479	110	—	F. Capel Cure, Esq. -	Springs - - -		
Bonington - - -	1,015	177	42	14	Wolverhampton T.C. -	Wells - - -		
Boscobel - - -	581	13	2	—	— - -	Wells - - -		
Donington - - -	2,773	410	86	1	Wolverhampton T.C. -	Wells & springs		
Kemberton - - -	1,433	241	58	40	Wenlock T.C. (bulk) -	Wells - - -		
Ryton - - -	1,449	177	29	—	— - -	Wells & springs		
Sheriff Hales - - -	5,437	744	154	138	Duke of Sutherland - -	Wells & springs		
Shifnal - - -	11,165	3,436	780	606	The Lilleshall Co., Ltd. Wenlock T.C. (bulk) - Wolverhampton T.C. -	Wells & springs		
Stirchley - - -	840	177	39	—	— - -	Wells & springs	{ Fair.	
Stockton - - -	3,202	459	99	—	— - -	Wells, springs, and river.		
Sutton Maddock - -	2,739	347	71	—	— - -	Wells, springs, and river.		
Tong - - -	3,539	480	98	—	— - -	Wells, springs, and river.		
Weston under Lizard (Staffs.).	2,438	319	74	—	— - -	Wells, springs, and river.		
<b>Teme R.D.:</b>								
Bedstone - - -	831	126	30	7	Sir H. W. A. Ripley, Bart. -	Wells & springs	{ Fair.	
Bettws y Cwryn - -	9,083	381	88	—	— - -	Wells, springs, and river.		
Backnell - - -	2,446	445	114	—	— - -	Wells, springs, and river.		
Llanvair Waterdine	8,005	422	95	—	— - -	Wells, springs, and river.		
Stow - - -	2,725	270	59	7	Knighton U.D.C. - - -	Wells, springs, and river.		
<b>Wellington R.D.:</b>								
Bolas Magna - - -	1,897	283	67	—	— - -	Wells - - -	{ Fair, but adequate.	
Ercall Magna - - -	11,404	1,672	367	—	— - -	Wells - - -		
Eyton upon the Weald Moors.	1,395	184	35	—	— - -	Wells - - -		
Hadley - - -	2,483	3,108	675	274	Wellington U.D.C. - - -	Wells - - -		
Kinnersley - - -	1,846	206	46	25	Duke of Sutherland - -	Wells - - -		
Longdon upon Tern	823	84	20	—	— - -	Wells - - -		
Preston upon the Weald Moors.	990	228	40	—	— - -	Wells - - -		
Rodington - - -	2,206	457	113	—	— - -	Wells - - -		
Waters Upton - - -	727	185	54	—	— - -	Wells - - -		
Wellington Rural -	5,121	3,614	774	575	Wenlock T.C. thro' Dawley U.D.C. (bulk). Lord Barnard - - - Wellington U.D.C. - -	Wells - - -		
<b>Wrockwardine -</b>								
Wrockwardine - -	4,580	1,070	256	—	— - -	Wells - - -	{ Moderately good and adequate.	
<b>Wem R.D.:</b>								
Broughton - - -	904	159	37	—	— - -	Wells - - -		
Clive - - -	1,500	403	94	28	T. Meares, Esq. - - -	Wells & rainwater		
Grinshill - - -	840	366	76	30	Trustees of the late Sir W. Corbet, Bart. - - -	Wells & rainwater		
Lee Brockhurst - -	585	97	24	—	— - -	Wells - - -	{ Do. do.	
Loppington - - -	3,466	508	110	—	— - -	Wells - - -		
Moreton Corbet - -	2,243	254	52	20	Trustees of the late Sir W. Corbet, Bart. - - - Wem U.D.C. (bulk) - -	Wells - - -		
Prees - - -	10,346	1,866	439	—	— - -	Wells - - -		
Shawbury - - -	7,367	812	183	9	Trustees of the late Sir W. Corbet, Bart. - - -	Wells - - -		
Stanton upon Hine Heath.	5,662	661	136	—	— - -	Wells - - -	{ Generally good and adequate.	
Wem Rural - - -	13,446	1,903	411	54	Wem U.D.C. (part in bulk) -	Wells - - -		
Weston and Wixhill under Redcastle.	2,243	231	49	19	Lord Marchamley - - -	Wells - - -		
Whixall - - -	3,397	1,113	242	—	— - -	Wells - - -		
<b>Whitechurch R.D.:</b>								
Ightfield - - -	1,615	277	60	—	— - -	Wells - - -	{ Generally good and adequate.	
Whitechurch Rural -	10,087	1,658	379	—	— - -	Wells - - -		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>SOMERSET- SHIRE.</b>							
Bath C.B. - -	5,152	69,173	14,080	14,080	Bath T.C. and Combe Down (Bath) and General Water- works Co., Ltd.	—	—
Bridgwater B. -	930	16,802	3,674	3,672	Bridgwater T.C. - - -	Wells - -	Good and adequate.
Burnham U.D. -	919	3,948	859	859	Burnham U.D.C. - - -	—	—
Chard B. - -	442	4,568	1,008	282	Chard T.C. - - -	Springs - -	Variable and insufficient.
Clevedon U.D. -	3,017	6,111	1,303	1,290	Clevedon Water Co. - - -	Wells, springs, and streams.	Satisfactory
Crewkerne U.D. -	1,243	3,939	929	845	Crewkerne Water Supply Co., Ltd.	Springs - -	Good.
Frome U.D. - -	1,194	10,901	2,618	2,583	Frome U.D.C. - - -	Wells & springs -	Satisfactory.
Glastonbury B. -	5,019	4,250	998	986	Glastonbury T.C. - - -	Wells - -	Good and plentiful.
Highbridge U.D. -	744	2,343	545	545	Axbridge R. & Highbridge U.D.C.'s.	—	—
Ilminster U.D. -	531	2,467	586	386	Ilminster U.D.C. - - - Col. A. V. H. Vaughan Lee - A. Poole, Esq. - - -	Wells - -	Satisfactory.
Midsomer Norton U.D.	3,970	7,299	1,522	1,407	Midsomer Norton U.D.C., Rad- stock U.D.C. (bulk), & Down- side Abbey Waterwks. (bulk)	Wells - - Springs - - Rain-water - -	Satisfactory. Good, but liable to pollution. Doubtful.
Minehead U.D. -	691	3,458	729	729	Minehead U.D.C. - - -	—	—
Portishead U.D. -	1,029	3,329	656	567	Portishead District Water Co.	Wells and springs	Good and adequate.
Radstock U.D. -	1,014	3,690	811	763	Radstock U.D.C. - - -	Springs - -	Good and plentiful.
Shepton Mallet U.D.	3,548	5,011	1,117	1,037	Shepton Mallet Waterwks. Co.	Wells - -	Fairly good and adequate.
Street U.D. - -	2,742	4,235	929	709	Street U.D.C. - - -	Do. - -	Good.
Taunton B. - -	1,390	22,561	5,053	5,053	Taunton T.C. - - -	Do. - -	Fair and ample.
Watchet U.D. -	493	1,846	437	437	Watchet Waterworks Co. Ltd.	—	—
Wellington U.D. -	5,295	7,633	1,813	1,603	Wellington U.D.C. - - -	Wells and springs	Good and sufficient.
Wells B. - -	719	4,655	1,071	990	Wells T.C. - - -	Do. - -	Good and adequate.
Weston super Mare U.D.	2,412	23,235	4,667	4,667	Weston super Mare U.D.C. -	—	—
Wiveliscombe U.D.	201	1,316	330	328	Wiveliscombe U.D.C. - - -	Well - -	Good.
Yeovil B. - -	854	13,759	2,977	2,965	Yeovil T.C. - - -	Wells and springs	Generally satisfactory.
<b>Axbridge R.D. :</b>							
Axbridge - -	561	1,008	218	218	Axbridge R. & Highbridge U.D.C.'s.	—	—
Badgworth - -	1,772	245	65	65	Axbridge R.D.C. - - -	—	—
Banwell - -	4,974	1,408	391	—	—	Wells, R. Banwell & rain-water.	Fair and generally suffi- cient.
Berrow - -	2,327	580	135	100	Burnham U.D.C. through Berrow Water Co.	Wells - -	Good and adequate.
Biddisham - -	572	117	29	29	Axbridge R.D.C. - - -	—	—
Blagdon - -	3,133	915	230	220	Axbridge R.D.C. - - - Bristol Waterworks Co. -	Wells & rain- water.	Fairly good.
Bleadon - -	2,962	603	153	—	—	Wells and rain- water.	Good and generally suffi- cient.
Brean - -	1,248	111	33	25	Burnham U.D.C. through Berrow Water Co.	—	—
Brent Knoll - -	3,339	803	208	143	Axbridge R.D.C. - - - Burnham U.D.C. through G. B. Northcote, Esq. -	Wells - -	Good and adequate.
Burnham Without -	2,367	303	72	72	Axbridge R.D.C. - - -	—	—
Burrington - -	2,019	491	107	—	—	Springs, wells & rain-water.	Good, but inadequate in parts.
Butcombe - -	1,110	168	45	—	—	Wells - -	Good and sufficient.
Chapel Allerton -	1,437	265	78	—	—	Do. - -	—
Charterhouse - -	2,457	65	19	10	Axbridge R. & Highbridge U.D.C.'s.	Springs and rain- water.	Good and adequate.
Cheddar - -	6,989	1,974	507	450	Do. do.	Wells - -	—
Christon - -	574	60	16	10	G. R. Wainwright, Esq. -	Wells and rain- water.	Not very satisfactory in summer.
Churchill - -	2,444	779	209	25	Axbridge R.D.C. - - -	Wells - -	Good and plentiful.
Compton Bishop -	2,532	371	95	9	Axbridge R.D.C. & Axbridge R. & Highbridge U.D.C.'s.	Do. - -	Fair and adequate.
Congresbury - -	4,307	1,116	274	—	—	Wells and river	Satisfactory, except in out- lying parts.
East Brent - -	3,631	638	180	180	Axbridge R.D.C. - - -	—	—
Hutton - -	1,877	295	79	—	—	Wells and rain- water.	Generally good and ade- quate.
Kewstoke - -	1,782	401	106	—	—	Do. do.	Generally good & sufficient, but sometimes inade- quate.
Locking - -	1,030	116	31	—	—	Wells - -	Good and sufficient.
Loxton - -	1,199	128	35	24	E. Wheeler Galton, Esq. -	Do. - -	Good and sufficient.
Lympham - -	2,083	405	105	105	Axbridge R.D.C. - - -	—	—
Mark - -	4,944	925	246	246	—	—	—
Nyland cum Bat- combe.	830	47	10	—	—	Wells - -	Good and adequate.
Paxton - -	1,030	166	49	—	—	Wells and river	Unsatisfactory.
Rowberrow - -	948	78	21	18	Axbridge R.D.C. - - -	Wells - -	Fair and adequate.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Somersetshire—</b>							
<i>cont.</i>							
<b>Axbridge R.D.—</b>							
<i>cont.</i>							
Shipham - - -	772	359	93	64	Axbridge R.D.C. - - -	Wells - - -	Fair and sufficient.
Uphill - - -	887	648	156	140	Weston super Mare U.D.C. - - -	Do. - - -	Fair and adequate.
Weare - - -	1,729	385	112	112	Axbridge R.D.C. - - -	- - -	- - -
Wedmore - - -	10,280	2,562	704	—	—	River, rhines & wells.	Generally good and ad- quate.
Wick St. Lawrence	1,487	197	42	—	—	Wells - - -	Unsatisfactory.
Winscombe - - -	4,158	1,542	342	320	Axbridge R.D.C. - - -	Do. - - -	Fair.
*Worle - - -	1,894	1,497	350	9	Weston super Mare U.D.C. - - -	Wells and rain- water.	Variable; part inadequate, part fairly adequate.
Wrington - - -	5,913	1,367	349	—	—	Do. do.	Good and adequate in parts.
<b>Bath R.D.:</b>							
Bathampton - - -	934	427	110	68	{ H. Allen, Esq. - - -	Wells & springs	Good and sufficient.
Batheaston - - -	1,890	1,585	390	283	{ Bath T.C. - - -		
Bathford - - -	1,819	889	220	193	{ Bath T.C. - - -		
Camerton - - -	1,782	2,386	558	311	{ Radstock U.D.C. (bulk)	Wells - - -	Fairly good.
Charlcombe - - -	594	204	35	—	{ Bath R.D.C. - - -		
Claverton - - -	1,245	507	115	56	Combe Down (Bath) & General Waterworks Co., Ltd.	Wells & springs	Good and sufficient.
Combe Hay - - -	1,054	176	33	—	—		
Dunkerton - - -	1,222	624	153	51	{ Bath R.D.C. - - -		
English Combe - - -	1,838	380	84	3	{ Radstock U.D.C. (bulk)		
Freshford - - -	594	501	130	65	{ Combe Down, &c., Co., Ltd.		
Hinton Charter- house.	2,483	433	114	99	{ Do.		
Langridge - - -	773	92	17	—	{ Do.		
Monkton Combe - - -	686	1,936	440	390	{ Bath R.D.C. - - -		
St. Catherine - - -	1,041	129	26	—	{ Combe Down, &c., Co., Ltd.		
South Stoke - - -	868	348	68	18	Combe Down, &c., Co., Ltd.		
Swainswick - - -	835	547	140	107	Bath T.C. - - -		
Wellow - - -	5,387	2,033	400	393	{ Bath R.D.C. - - -		
Weston - - -	1,934	1,516	387	272	{ Radstock U.D.C. (bulk)		
Woolley - - -	381	81	16	—	{ Bath T.C. - - -		
<b>Bridgwater R.D.:</b>							
Aisholt - - -	875	48	13	—	—	Wells - - -	Generally fairly good.
Ashcott - - -	2,382	612	160	—	—		
Bawdrip - - -	1,898	347	79	64	Bridgwater R.D.C. - - -		
Bridgwater Without	3,158	1,179	238	219	{ Bridgwater R.D.C. - - -		
Broomfield - - -	4,080	306	65	—	{ Bridgwater T.C. - - -		
Cannington - - -	4,076	1,007	235	33	Bridgwater T.C. - - -		
Catecott - - -	2,302	472	129	—	—		
Charlinch - - -	1,355	175	38	—	—		
Chedzoy - - -	1,519	323	71	62	Bridgwater R.D.C. - - -		
Chilton Trinity - - -	1,183	159	37	9	{ Bridgwater R.D.C. - - -		
Chilton upon Polden	1,880	374	91	3	{ Bridgwater T.C. - - -		
Cossington - - -	1,442	206	46	38	{ Bridgwater R.D.C. - - -		
Durleigh - - -	755	100	23	1	{ Do.		
Edington - - -	2,191	415	105	—	{ Bridgwater T.C. - - -		
Emore - - -	1,426	265	65	—	—		
Fiddington - - -	1,314	169	46	—	—		
Goathurst - - -	1,673	235	57	—	—		
Greinton - - -	881	98	21	—	—		
Huntspill - - -	6,156	1,429	340	337	Bridgwater R.D.C. - - -		
Lyng - - -	1,465	285	65	—	—		
Middlezoy - - -	2,546	553	129	77	Bridgwater R.D.C. - - -		
Moorlinch - - -	1,125	251	59	—	—		
Nether Stowey - - -	1,103	570	143	140	—		
North Petherton - - -	10,481	3,338	816	606	Bridgwater R.D.C. - - -		
Othery - - -	1,944	480	126	20	—		
Otterhampton - - -	2,025	421	104	—	—		
Over Stowey - - -	3,696	360	89	—	—		
Pawlett - - -	3,108	374	98	85	—		
Puriton - - -	1,571	612	147	146	Bridgwater R.D.C. - - -		
St. Michael Church	46	28	5	1	—		
Shapwick - - -	3,567	321	70	—	—		
Spaxton - - -	3,646	806	199	—	—		
Stawell - - -	977	129	38	—	—		
Stockland Bristol - - -	827	99	26	—	—		
Sutton Mallet - - -	883	110	20	—	—		
Thurloxton - - -	563	145	35	29	Viscount Portman - - -		
Wembdon - - -	2,365	522	124	93	Bridgwater T.C. - - -		
Westonzoyland - - -	3,321	574	145	29	Bridgwater R.D.C. - - -		
Woolavington - - -	1,708	307	76	38	Do.		
<b>Chard R.D.:</b>							
Ashill - - -	2,740	469	113	—	—	Wells & springs	Generally satisfactory.
Broadway - - -	2,057	311	85	—	—		
Buckland St. Mary - - -	3,654	491	120	—	—		
Chaffcombe - - -	1,016	232	50	16	Chard R.D.C. - - -		

\* Worle.—Houses are now being connected to the piped service.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Somersetshire— cont.</b>							
<b>Chard R.D.—cont.</b>							
Chard	5,274	2,328	500	120	C. E. Small, Esq. Messrs. G. B. Darby and A. D. Paul.		
Chillington	925	172	48	—			
Combe St. Nicholas	4,343	945	220	67	Chard R.D.C.		
Cricket Malherbie	461	38	7	—			
Cricket St. Thomas	722	90	21	—			
Cudworth	1,125	84	25	—			
Dinnington	584	123	32	—			
Donyatt	1,241	294	90	41	Messrs. R. T. Combe and T. B. Clarke.		
Dowlish Wake	626	197	60	—			
Hinton St. George	1,572	502	130	78	Earl Poulett		
Ilminster Without	3,548	823	200	10	Col. A. V. H. Vaughan Lee		
Iton	1,668	321	85	—			
Kingstone	930	166	36	—			
Knowle St. Giles	765	92	22	—			
Lopen	502	221	65	12	Earl Poulett		
Merriott	1,750	1,274	311	20	Mrs. F. L. Dyson		
Misterton	1,361	612	150	84	Crewkerne Water Supply Co., Ltd. (part in bulk).		
Seavington St. Mary	1,106	222	60	—			
Seavington St. Michael.	286	137	35	—			
Shepton Beauchamp	841	630	137	—			
Stocklinch	518	139	35	—			
Wambrook	1,867	210	50	—			
Wayford	1,955	385	80	—			
West Crewkerne	4,806	759	170	12	Chard R.D.C.		
West Dowlish	586	42	10	—			
White Lackington	1,183	182	40	17	Col. A. V. H. Vaughan Lee		
Whitestaunton	1,918	205	43	—			
Winham	3,306	693	172	28	Chard R.D.C.		
<b>Clutton R.D.:</b>							
Camely	1,648	403	100	66	Downside Abbey Wwks. (bulk)		
Chelwood	1,118	164	37	—			
Chew Magna	4,623	1,570	389	2	Bristol Waterworks Co. (bulk)		
Chew Stoke	2,162	598	174	—			
Chilcompton	1,257	666	165	134	Downside Abbey Wwks. thro' Midsomer Norton U.D.C. (bulk).		
Clutton	1,698	1,341	264	210	Downside Abbey Wwks. (bulk)		
Compton Martin	2,614	394	114	—			
East Harptree	2,596	582	142	82	W. W. Kettlewell, Esq.		
Farmborough	1,508	1,041	262	151	Downside Abbey Waterworks (bulk).		
Farrington Gurney	928	698	149	140			
High Littleton	1,303	1,008	228	180			
Hinton Blewett	1,130	205	51	—			
Litton	1,125	163	52	—			
Nempnett Thrubwell.	1,800	200	48	—			
North Widcombe	711	65	12	—			
Norton Malreward	1,677	148	34	—			
Paulton	1,055	2,732	640	419	Downside Abbey Wwks. (bulk)		
Publow	1,375	491	111	—			
Stanton Drew	2,078	790	195	—			
Ston Easton	1,430	328	84	70	Downside Abbey Wwks. (bulk)		
Stowey	1,269	145	36	—			
Tinsbury	1,161	1,701	424	279	Downside Abbey Wwks. (bulk)		
Ubley	1,821	328	73	—			
West Harptree	3,046	313	85	—			
<b>Dulverton R.D.:</b>							
Brompton Regis	9,029	624	139	—			
Brushford	2,848	384	79	—			
Dulverton	8,741	1,526	346	90	Dulverton R.D.C.		
Exford	5,956	412	88	—			
Exmoor	20,344	257	56	—			
Exton	4,230	268	69	—			
Hawkridge	3,395	81	16	—			
Huish Champflower	3,334	264	66	—			
Skilgate	2,135	154	39	—			
Upton	3,845	220	55	—			
Winsford	8,740	403	91	—			
Withiel Florey	2,483	66	14	—			
Withypool	3,900	178	46	—			
<b>Frome R.D.:</b>							
Babington	606	137	38	10	Radstock U.D.C. thro' Liwyd-coed Collieries, Ltd.		
Beckington	2,099	726	209	—			
Berkley	1,981	376	86	—			
Buckland Denham	1,432	342	98	70	Frome R.D.C.		
Cloford	2,261	130	42	—			
Elm	763	195	55	46	Welton Breweries, Ltd.		
Farleigh Hungerford.	906	128	35	—			
Foxcote or Forscote	610	87	16	—			
Hardington	860	38	9	—			
Hemington	3,133	727	151	22	Frome R.D.C.		

Wells &amp; springs Generally satisfactory.

Wells Fairly good.

Wells and springs Good and adequate.

Wells Good and sufficient.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Somersetshire— cont.</b>							
<b>Frome R.D.—cont.</b>							
Kilmerston - - -	3,552	2,204	548	384	Frome R.D.C. ; Radstock U.D.C. thro' Lord Hylton.		
Laverton - - -	1,061	99	27	—	—		
Leigh upon Mendip - -	1,437	414	110	95	Sir J. Horner - - - Frome R.D.C. - - -		
Lullington - - -	703	101	33	—	—		
Marston Bigot - - -	2,077	166	54	9	Frome R.D.C. - - -	Wells - - -	Good and sufficient.
Mells - - -	3,629	836	158	89	Sir J. Horner - - - Frome R.D.C. - - -		
Norton St. Philip - - -	1,547	474	140	—	—		
Nunney - - -	2,505	800	236	207	Frome R.D.C. - - -		
Orchardleigh - - -	730	52	11	—	—		
Road - - -	919	440	141	—	—		
Rodden - - -	968	137	34	34	Frome U.D.C. (bulk) - - - Marquess of Bath - - -		
Selwood - - -	6,419	915	251	92	Frome U.D.C. (bulk) - - -		
Tellisford - - -	698	53	20	—	—		
Wanstrow - - -	2,099	317	83	57	Frome R.D.C. - - -	Wells - - -	Good and sufficient
Whately - - -	1,391	300	93	—	—		
Witham Friary - - -	5,456	376	101	93	Duke of Somerset - - -		
Woolverton - - -	932	104	30	30	R. P. H. Batten Poole, Esq. - - -		
Writhlington - - -	781	497	119	72	Radstock U.D.C. through Lord Hylton.	Wells - - -	Good and sufficient.
<b>Keynsham R.D. :</b>							
Brislington - - -	1,782	3,238	910	681	Bristol Waterworks Co. - - -		
Burnett - - -	619	71	20	17	Trustees of the Bristol Muni- cipal Charities.	Wells - - -	
Compton Dando - - -	1,979	286	80	—	—	Springs & wells - - -	
Corston - - -	1,217	360	101	64	Earl Temple ; & West Glou- cestershire Water Co. - - -	Wells - - -	
Kelston - - -	1,114	179	50	32	Gen. Inigo Jones - - -		
Keynsham - - -	4,235	3,720	1,046	823	W. Gloucestershire Water Co. - - -	Springs and wells - - -	
Marksbury - - -	1,293	224	63	—	—		
Newton St. Loe - - -	1,593	321	90	52	W. Gloucestershire Water Co. - - - Earl Temple - - -		
North Stoke - - -	791	146	40	37	Keynsham R.D.C. - - - Sir A. W. Lawrence, Bart. and Sir C. Cave, Bart.	Wells - - -	Many polluted, but adequate.
Priston - - -	1,864	267	74	40	Capt. W. Vaughan Jenkins - - -		
Queen Charlton - - -	970	90	24	—	—	Springs & wells - - -	
Saltford - - -	890	590	165	108	W. Gloucestershire Water Co. - - -		
Stanton Prior - - -	833	89	24	20	Earl Temple - - -	Wells - - -	
Whitechurch - - -	2,225	560	157	87	W. Gloucestershire Water Co. - - -		
<b>Langport R.D. :</b>							
Aller - - -	3,605	347	92	—	—	Wells - - -	Doubtful, but fairly ade- quate.
Babecary - - -	2,413	259	71	—	—	Do. - - -	Doubtful, but sufficient.
Barrington - - -	1,192	379	96	80	Langport R.D.C. - - -	Do. - - -	Good and sufficient.
Barton St. David - - -	988	263	75	—	—	Do. - - -	Doubtful, but sufficient.
Beer Crocombe - - -	778	134	26	—	—	Do. - - -	Doubtful, but fairly ade- quate.
Charlton Mackrell - - -	3,498	629	145	—	—	Do. - - -	Doubtful, but sufficient.
Compton Dandon - - -	2,759	450	117	—	—	Do. - - -	Doubtful, but sufficient.
Curry Mallet - - -	1,525	354	94	—	—	Do. - - -	Doubtful, but fairly ade- quate.
Curry Rivel - - -	4,881	1,524	380	307	Langport R.D.C. - - -	Do. - - -	Good and sufficient.
Drayton - - -	2,021	360	88	80	—	Do. - - -	Good and ample.
Earnhill - - -	376	27	3	—	—	Do. - - -	Doubtful, but sufficient.
Fivehead - - -	1,851	337	79	—	—	Do. - - -	Doubtful, but fairly ade- quate.
High Ham - - -	5,017	958	221	—	—	Do. - - -	Very bad & insufficient.
Huish Episcopi - - -	2,216	733	170	—	—	Do. - - -	Doubtful, but adequate.
Isle Abbots - - -	1,191	207	55	—	—	Do. - - -	Bad, but ample.
Isle Brewers - - -	1,356	261	60	20	Langport R.D.C. - - -	Do. - - -	Bad and insufficient.
Keinton Mandeville - -	684	530	137	—	—	Do. - - -	Good and sufficient.
Kingsbury Episcopi - - -	3,722	1,215	307	278	Langport R.D.C. - - -	Do. - - -	Doubtful, but sufficient.
Kingslon - - -	2,330	249	65	50	—	Do. - - -	Good and sufficient.
Kingweston - - -	1,243	99	26	—	—	Do. - - -	Good and sufficient.
Langport - - -	169	773	187	175	Langport R.D.C. - - -	Do. - - -	Doubtful, but fairly ade- quate.
Long Sutton - - -	3,851	751	177	90	Duke of Devonshire - - -	Do. - - -	Bad, but plentiful.
Muchelney - - -	1,591	203	56	—	—	Do. - - -	Doubtful, but plentiful.
Pitney - - -	1,341	235	59	—	—	Do. - - -	Good and sufficient.
Puckington - - -	774	136	32	32	Viscount Portman - - -	Wells - - -	Doubtful, but fairly ade- quate.
Somerton - - -	6,620	1,854	461	430	Langport R.D.C. - - -	Do. - - -	
Swell - - -	1,415	80	17	—	—		
<b>Long Ashton R.D. :</b>							
Abbots Leigh - - -	2,260	326	69	47	Bristol Waterworks Co. - - -	Wells - - -	
Backwell - - -	2,929	942	227	150	Do. - - -	Wells and rain-water.	
Barrow Gurney - - -	2,064	325	74	40	Do. - - -	Wells - - -	Good & adequate, except in Kenn, Kingston Seymour, and part of Backwell (Downside).
Bishopsworth - - -	1,764	1,071	229	122	Do. - - -	Do. - - -	
Brockley - - -	1,148	105	25	13	—		
Clapton - - -	1,355	160	35	—	—		
Dundry - - -	2,897	670	148	10	Bristol Waterworks Co. - - - Long Ashton R.D.C. - - -	Wells, spring & rain-water.	
Easton in Gordano - - -	1,813	2,395	578	480	Portishead Dist. Water Co. - - -		
Flax Bourton - - -	630	236	54	49	Bristol Waterworks Co. - - -		
Kenn - - -	830	215	55	5	Clevedon Water Co. - - -	Wells - - -	
Kingston Seymour - - -	2,652	257	54	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Somersetshire—</b>								
<i>—cont.</i>								
<b>Long Ashton R.D.</b>								
<i>—cont.</i>								
Long Ashton -	4,190	2,128	433	285	Bristol Waterworks Co.	Wells and rain-water.	Good and adequate except in Nailsea, Winford and part of Yatton (Hewish).	
Nailsea -	2,866	1,866	479	82	Do. do. W. H. Shepstone, Esq.			
North Weston -	1,063	281	70	—	—	Wells -		
Portbury -	2,845	471	102	62	Portishead Dist. Water Co.	Wells -		
Tickenham -	1,629	297	71	2	Clevedon Water Co.	Wells and rain- water.		
Walton in Gordano	1,190	697	134	83	Do.	Wells -		
Weston in Gordano	708	148	33	—	—	Wells -		
Winford -	3,340	816	210	—	—	Wells and rain- water.		
Wraxall -	4,125	829	202	39	Bristol Waterworks Co.	Wells -		
Yatton -	5,602	1,962	501	162	Long Ashton R.D.C.	Wells -		
<b>Shepton Mallet R.D.:</b>								
Ashwick -	1,807	1,114	261	220	F. Spencer, Esq.; Downside Abbey Waterworks (bulk). Shepton Mallet R.D.C.	Wells & springs	Generally good and plentiful.	
Batcombe -	3,238	439	105	25	Do.	Wells and springs		
Binegar -	1,197	391	76	68	Downside, &c., Wwks. (bulk). Shepton Mallet Waterwks. Co.	Wells -		
Croscombe -	1,853	630	157	145	Croscombe Voluntary Com- mittee. Shepton Mallet R.D.C.	Wells and rain- water.		
Ditchcat -	3,703	705	171	150	Do.	—		
Doultling -	3,522	638	140	120	Sir R. A. S. Paget, Bart. Shepton Mallet R.D.C.	Wells & springs		
Downhead -	1,573	144	32	29	Viscount Portman	Wells and springs		
East Cranmore -	1,059	107	23	19	Sir R. A. S. Paget, Bart.	Wells -		
East Lydford -	644	156	33	—	—	Wells and spring		
East Pennard -	3,042	554	126	54	Shepton Mallet R.D.C.	Wells -		
Emborough -	1,877	152	29	27	Downside, &c., Wwks. (bulk). Viscount Portman (part in bulk). Shepton Mallet R.D.C.	Wells -		
Evercreech -	4,110	1,275	308	268	Do.	—	Generally good and plentiful.	
Holcombe -	711	467	117	97	Shepton Mallet R.D.C. thro' Trustees of Thring Estate.	—		
Hornblotton -	1,106	85	22	22	—	—		
Lamyatt -	1,028	147	40	35	Shepton Mallet R.D.C.	Wells -		
Milton Clevedon -	1,243	129	32	6	Glastonbury T.C. Wells R.D.C.	Wells and springs.		
Pilton -	4,626	865	218	124	Shepton Mallet R.D.C.	Wells -		
Pylle -	1,117	201	50	30	Viscount Portman	Wells -		
Stoke Lane -	2,081	729	174	132	Shepton Mallet R.D.C.	—		
Stratton on the Fosse.	1,180	345	74	43	Downside Abbey Waterworks (part in bulk).	Wells & springs		
Upton Noble -	679	158	42	20	Shepton Mallet R.D.C.	Wells -		
West Bradley -	1,410	202	54	48	F. Spencer, Esq.	—	Generally good and sufficient.	
West Cranmore -	1,858	299	75	60	Shepton Mallet R.D.C.	Wells -		
West Lydford -	1,897	251	68	40	E. Colston, Esq.	Wells -		
<b>Taunton R.D.:</b>								
Angersleigh -	425	54	6	6	Taunton T.C.	—		
Ash Priors -	641	125	25	—	—	—		
Bickenhall -	1,143	199	45	43	Viscount Portman	—		
Bishop's Hull Without.	1,441	1,074	220	—	—	—		
Bishop's Lydeard -	4,832	1,895	270	150	Taunton R.D.C.	—		
Cheddon Fitzpaine	971	247	65	—	—	—		
Churchstanton -	5,435	558	130	—	—	—		
Combe Florey -	1,382	261	60	—	—	—		
Corfe -	1,165	270	65	—	—	—		
Cothelstone -	1,455	192	45	1	Taunton R.D.C.	—		
Creech St. Michael	2,298	994	240	—	—	—		
Curland -	648	139	30	14	Viscount Portman	—		
Durston -	1,013	186	40	—	—	—		
Halse -	1,320	309	80	—	—	—		
Hatch Beauchamp -	1,408	356	90	78	Viscount Portman (bulk)	—		
Heathfield -	696	70	15	—	—	Wells -		
Kingston -	3,028	897	200	—	—	—		
Lydeard St. Law- rence.	2,748	397	90	—	—	—		
North Curry -	5,822	1,437	340	10	Viscount Portman (bulk)	—		
Norton Fitzwarren	1,358	630	140	—	—	—		
Orchard Portman -	683	49	12	—	—	—		
Otterford -	2,446	319	75	—	—	—		
Pitminster -	5,355	1,133	250	9	Taunton T.C.	—		
Ruisthon -	1,027	457	110	—	—	—		
Staple Fitzpaine -	3,029	228	60	49	Viscount Portman	—		
Staplegrave -	1,034	267	70	21	Taunton T.C.	—		
Stoke St. Gregory -	4,135	1,286	300	276	Viscount Portman (bulk)	—		
Stoke St. Mary -	949	197	50	—	—	—		
Taunton St. James Without.	808	300	50	8	—	—		
Taunton St. Mary Magdalen Without.	1,283	282	60	17	Taunton T.C.	—		



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<b>Somersetshire— cont.</b>										
<b>Taunton R.D.— cont.</b>										
Thorn Falcon -	822	161	36	—	Viscount Portman -	Wells	Generally good and sufficient.			
Thurlbear -	982	162	40	15						
Tolland -	842	96	27	—						
Trull -	2,281	1,013	210	44						
West Bagborough -	2,006	318	80	—						
West Hatch -	1,619	339	80	—	—	—	—			
West Monkton -	3,190	937	210	—	—	—	—			
<b>Wellington R.D. :</b>										
Ashbrittle -	2,158	219	56	—	Wellington R.D.C.	Wells	Generally good and adequate, except in Bradford, Nynhead, and West Buckland.			
Bathealton -	946	135	25	—						
Bradford -	1,814	361	108	26						
Chipstable -	1,936	252	69	—						
Fitzhead -	1,247	227	56	—						
Kittisford -	966	86	22	—	Col. E. C. A. Sanford -	Wells and springs				
Langford Budville -	1,899	351	85	47						
Milverton -	5,117	1,437	395	206	Wellington R.D.C.	Wells				
Nynhead -	1,597	283	64	—	—					
Oake -	1,754	455	122	—	—					
Raddington -	1,519	76	19	—	Wellington R.D.C.					
Runnington -	355	79	19	—						
Sampford Arundel -	1,216	314	83	12	Wellington R.D.C.					
Stawley -	1,697	244	66	—						
Thorne St. Margaret -	824	112	25	—	—					
West Buckland -	3,697	679	185	12	Wellington R.D.C.					
Wiveliscombe Without -	5,904	764	192	13						
<b>Wells R.D. :</b>										
Baltonsborough -	2,720	509	140	139	Shepton Mallet R.D.C. (bulk)	Rain-water	Fair.			
Batleigh -	3,928	636	180	—	Earl Waldegrave -	Wells	Good.			
Chewton Mendip -	5,855	663	167	86		Wells, springs, & rain-water.	Some fair, some good.			
Dinder -	1,080	201	51	38	A. F. Somerville, Esq. -	Wells	Good.			
Godney -	3,270	299	74	59	Street U.D.C. -	Rain-water	Fair.			
Meare -	5,063	969	220	—	Glastonbury T.C. -	Wells and river	Unsatisfactory.			
North Wootton -	2,129	262	60	5		Wells and spring	Good.			
Priddy -	1,375	188	41	—	Street U.D.C. -	Do. do.	Fair.			
Rodney Stoke -	2,726	603	170	16	Do. (bulk) -	Wells	Good.			
Sharpsham -	2,119	69	19	16	—	Do.	Unsatisfactory.			
Walton -	3,163	462	111	—	Wells R.D.C., Wells T.C., Street U.D.C., G. A. Hodgkinson, Esq., & C. C. Tudway, Esq. -	(a) Wells, (b) springs and stream.	(a) Good; (b) fair.			
Wells St. Cathbert Out -	14,843	3,669	522	20	—	(a) Wells; (b) streams.	(a) Fair; (b) poor.			
Westbury -	2,997	532	135	—	Glastonbury T.C. (bulk) -	—	—			
West Pennard -	3,255	638	181	181	Wells R.D.C. -	Wells, springs and streams.	Fair.			
Wooley -	3,595	933	226	14	G. A. Hodgkinson, Esq. -	Wells, springs and streams.	Fair.			
<b>Williton R.D. :</b>										
Bicknoller -	1,912	260	70	—	—	Wells	Unsatisfactory in some cases.			
Brompton Ralph -	2,736	324	77	—	—	Do.	Good and sufficient.			
Carhampton -	2,788	385	94	80	A. F. Luttrell, Esq. -	Wells and springs	Good.			
Clatworthy -	2,964	141	28	—	Hon. Mrs. Trollope -	Wells	Good and sufficient.			
Crowcombe -	3,271	408	92	70		Wells and springs	Doubtful.			
Culbone -	1,337	30	7	—	H. H. Pleydell Bouverie, Esq. -	Wells	Good and sufficient.			
Cutcombe -	7,143	468	106	80		Wells and springs	Good.			
Doxington -	1,335	64	18	—	A. F. Luttrell, Esq. -	Wells	Good and sufficient.			
Dunster -	2,887	1,380	346	285		Wells and springs	Good.			
East Quantoxhead -	2,338	138	45	40	—	Wells	Good, but inadequate in summer.			
Elworthy -	1,768	95	28	—	—	Wells	Good, but inadequate in summer.			
Holford -	1,083	143	35	35	Holford Water Supply -	—	—			
Kilton with Lilstock -	1,689	86	19	13	A. F. Luttrell, Esq. -	Wells & springs	Good.			
Kilve -	1,755	167	45	32	Sir C. T. D. Acland, Bart. -	Wells & springs	Good.			
Lacombe -	3,870	465	118	106						
Luxborough -	3,728	287	65	45	G. C. L. Insole, Esq. -	Wells & springs	Good.			
Minehead Withou -	3,334	294	66	56	A. F. Luttrell, Esq. -					
Monksilver -	783	156	39	25	Minehead U.D.C. -	Wells	Satisfactory.			
Nettlecombe -	3,073	263	65	—	M. Notley, Esq. -	Do.	Good and adequate.			
Oare -	4,018	84	18	—	—	Wells and springs				
Old Cleeve -	5,201	1,376	339	250	Watchet Waterworks Co. Ltd. -	Wells	Doubtful.			
Porlock -	4,665	744	188	173	A. F. Luttrell, Esq. -	Wells and springs	Good and adequate.			
Sampford Brett -	1,151	178	47	20	Williton R.D.C. -	Wells	Good.			
Selworthy -	2,959	411	112	112	Lord St. Audries -	—	—			
Stogumber -	5,349	790	202	100	Sir C. T. D. Acland, Bart. -	Wells and springs	Good.			
Stogursey -	5,964	928	248	50	Williton R.D.C. -	Wells	Good.			
					Lord St. Audries -	Wells	Good.			



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<b>Somersetshire—</b>							
<i>cont.</i>							
<b>Williton R.D.—</b>							
<i>cont.</i>							
Stoke Pero - -	3,508	32	7	—	—	Wells and springs	Good and adequate.
Stringston - -	859	101	21	—	—	Wells - -	Good.
Timberscombe - -	2,858	314	81	46	Williton R.D.C. - -	Springs - -	Good.
Treborough - -	1,829	113	23	—	—	Wells & springs	Good, but inadequate in very dry season.
West Quantoxhead	1,467	154	39	—	—	Do. do.	Some doubtful.
Williton - -	2,983	1,269	285	80	Williton R.D.C. - -	Do. do.	Good.
Withycombe - -	3,565	343	76	65	A. F. Luttrell, Esq. - -	Do. do.	Good.
Wootton Courtney-	3,299	270	63	43	Williton R.D.C. - - Minehead U.D.C. - -	Do. do.	Good.
<b>Wincanton R.D. :</b>							
Abbas and Temple- combe.	1,910	705	170	—	—	Wells - -	Some unsatisfactory.
Alford - - -	720	125	26	22	Castle Cary Water Co. Ltd. (bulk).	Wells and rain- water.	Unsatisfactory.
Ansford - - -	841	323	85	43	Castle Cary Water Co., Ltd. -	Wells - -	Fair.
Blackford - - -	724	104	26	—	—	Do. - -	Good.
Bratton Seymour -	1,486	161	33	—	—	Wells and springs	Good.
Bruton - - -	4,007	1,755	379	332	Wincanton R.D.C. - -	Wells - -	Part good.
Castle Cary - -	2,629	1,710	448	293	Col. A. L. Kelly - - Castle Cary Water Co., Ltd. Miss M. J. Seymour (in lunacy — H. H. P. Bouverie, Esq.). F. J. B. Wingfield-Digby, Esq.	Do. - -	Fair.
Charlton Hore- thorne.	2,380	442	109	95	—	Springs & wells	Good.
Charlton Musgrove	3,755	373	92	—	—	Wells - -	Some unsatisfactory.
Compton Paunce- foot.	673	141	30	—	—	Springs and wells	Good.
Corton Denham -	1,392	247	58	49	Viscount Portman - -	Do. do.	Fair.
Cucklington - -	1,795	215	57	6	Cucklington Private Sub- scription.	Do. do.	Fair.
Henstridge - -	4,255	1,139	282	190	Wincanton R.D.C. - -	Wells - -	Good.
Holton - - -	1,269	274	64	—	—	—	—
Horsington - -	3,130	647	155	—	—	Springs and wells	Some unsatisfactory.
Lovington - - -	828	165	40	22	Castle Cary Water Co., Ltd. (bulk).	Rain-water and wells.	Some unsatisfactory, others fair.
Maperton - - -	1,152	160	40	—	—	Springs and wells.	Good.
Milborne Port -	3,381	1,630	409	315	Wincanton R.D.C. - -	Wells - -	Unsatisfactory.
North Barrow - -	770	111	25	—	—	Do. - -	Doubtful.
North Brewham -	1,870	197	43	37	Wincanton R.D.C. - -	Wells & springs	Fair.
North Cadbury -	2,686	686	183	10	Castle Cary Water Co., Ltd. Col. A. L. Kelly - -	Do. do.	Good.
North Overton -	857	186	46	—	—	Wells - -	Good.
Penselwood - -	1,112	275	79	7	Wincanton R.D.C. - -	Do. - -	Fair.
Pitecombe - - -	2,250	391	83	15	Do. - - Castle Cary Water Co., Ltd.	Do. - -	Some unsatisfactory.
Queen Camel - -	2,303	461	113	—	—	Do. - -	Fair ; some unsatisfactory.
Shepton Montague	2,168	251	56	—	—	Do. - -	Unsatisfactory.
South Barrow - -	764	92	24	—	—	Wells and ditches	Fair.
South Brewham -	3,852	290	67	32	Wincanton R.D.C. - -	Do. - -	Unsatisfactory.
South Cadbury -	695	142	34	23	A. L. Langman, Esq. - -	Wells - -	Good.
Sparkford - - -	1,026	220	59	—	—	Do. - -	Unsatisfactory.
Stoke Trister - -	1,659	347	95	20	Wincanton R.D.C. - -	Springs - -	Good.
Stowell - - -	932	81	21	—	—	Wells - -	Very hard ; some unsatis- factory.
Sutton Montis -	514	137	32	15	H. J. Davis, Esq. - -	Wells and springs	Fair.
Weston Bampfylde	636	92	22	1	A. L. Langman, Esq. - -	Wells - -	Good.
Wheathill - - -	325	29	6	—	—	Wells and springs	Fair.
Wincanton - - -	2,590	1,976	481	409	Wincanton R.D.C. - -	Do. - -	Good.
Yarlington - - -	1,204	159	41	4	Castle Cary Water Co., Ltd. -	Wells and springs	Fair.
<b>Yeovil R.D. :</b>							
Ash - - -	1,955	390	105	9	Yeovil R.D.C. - -	Wells - -	Fair.
Ashington - - -	529	36	9	—	—	Do. - -	Unsatisfactory.
Barwick - - -	785	475	115	31	Yeovil T.C. - -	Do. - -	Good and ample.
Brympton - - -	576	140	29	—	—	Do. - -	Fair.
Chilthorne Damer	1,398	161	47	—	—	Do. - -	Unsatisfactory.
Chilton Cantelo -	634	126	25	—	—	Wells and springs	Good.
Chiselborough -	797	262	70	10	Earl of Ilchester - -	Wells - -	Good.
Closworth - - -	1,083	110	25	18	Viscount Portman - -	Do. - -	Good.
East Chinnock -	1,360	381	94	80	Mrs. A. T. Chafyn-Grove -	Do. - -	Very fair.
East Coker - - -	2,185	731	211	107	Mrs. D. M. Henneage - -	Wells and springs	Good.
Hardington Mande- ville.	2,677	397	116	19	Viscount Portman - -	Do. - -	Good.
Haselbury Pluck- nett.	2,083	476	135	120	Do. - -	Wells - -	Good.
Ilchester - - -	714	464	174	174	Langport R.D.C. - -	Wells - -	Good and ample.
Limington - - -	1,686	189	60	—	—	Do. - -	Fair.
Long Lead - - -	1,452	217	56	—	—	Do. - -	Good and ample.
Luffton - - -	297	42	10	—	—	Do. - -	Unsatisfactory.
Marston Magna -	1,392	311	76	27	E. D. Marden, Esq. - -	Do. - -	Fair and ample.
Martock - - -	3,820	2,035	527	489	Yeovil R.D.C. - -	Wells and springs	Good and ample.
Montacute - - -	1,516	713	194	181	Do. - -	Wells - -	Unsatisfactory.
Mudford - - -	2,263	343	83	—	—	Wells - -	Good.
Northover - - -	435	53	16	16	Langport R.D.C. - -	Do. - -	Fair.
North Perrott -	1,281	227	70	51	H. W. Paget Hoskyns, Esq. -	Wells - -	Fair.



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<b>Somersetshire— cont.</b>							
<b>Yeovil R.D.—cont.</b>							
Norton sub Hamdon	631	409	113	55	Capt. Quantock Shuldham	Wells and springs	Very fair and ample.
Odcombe	1,119	514	148	—	—	Do.	Good and ample.
Pendomer	1,114	51	14	9	Mrs. D. M. Heneage	Do.	Fair and ample.
Podimore	1,005	99	22	—	—	Wells	Good and ample.
Preston Plucknett	721	451	108	20	Yeovil T.C.	Wells and springs	Fair and ample.
Rimpton	1,010	234	58	42	E. D. Marden, Esq.	Wells	Good and ample.
Sock Dennis	688	26	6	5	W. Wyndham, Esq.	Do.	Good and ample.
South Petherton	3,494	1,935	549	262	Yeovil R.D.C.	Wells & springs	Very fair and ample.
Stoke sub Hamdon	1,380	1,622	357	—	Langport R.D.C.	Do.	Good, but inadequate at times.
Sutton Bingham	556	59	15	12	Mrs. D. M. Heneage	Wells	Very fair and ample.
Thorne	413	82	23	—	—	Do.	Good and ample.
Tintinhull	2,083	465	110	109	Yeovil R.D.C.	Do.	Very fair and ample.
West Camel	1,993	224	66	—	—	Do.	Fair.
West Chincock	1,161	325	96	40	Earl of Ilchester	Wells and springs	Good and ample.
West Coker	1,419	871	223	104	Viscount Portman	Do.	Very fair and ample.
Yeovilton	1,779	148	44	—	B. S. D. Penny, Esq.	Wells	Fair.
Yeovil Without	3,414	663	147	25	Yeovil T.C. H. A. Troyte-Bullock, Esq.	Wells & springs	Very fair and ample.
<b>SOUTHAMPTON.</b>							
Aldershot U.D.	4,176	35,175	3,668	3,662	Aldershot Gas, Water and District Lighting Co.	Wells	Fair and adequate.
Alton U.D.	3,925	5,555	1,290	1,216	Alton U.D.C.	(a) Do. (b) springs (c) rain-water	(a) Satisfactory, (b) liable to pollution; adequate.
Andover B.	8,664	7,596	1,753	1,433	Andover T.C.	Wells	Satisfactory.
Basingstoke B.	4,195	11,540	2,473	2,457	Basingstoke T.C.	Wells & rainwater	Satisfactory & sufficient.
Bournemouth C.B.	5,742	78,674	14,225	14,225	Bournemouth Gas & W. Co. West Hampshire Water Co.	—	—
Christchurch B.	2,352	6,053	1,304	1,171	Do.	Wells	Doubtful, but adequate.
Eastleigh and Bishopstoke U.D.	2,029	15,247	3,075	3,052	South Hants Waterworks Co.	Do.	Good.
Fareham U.D.	6,376	9,674	1,777	1,654	Fareham U.D.C.	Wells & R. Meon	Satisfactory.
Farnborough U.D.	2,331	14,199	1,640	1,560	Frimley and Farnborough District Water Co.	Wells	Satisfactory & sufficient.
Fleet U.D.	1,531	3,281	804	483	Do.	Do.	Very liable to pollution; sufficient.
Gosport and Alverstoke U.D.	3,869	33,300	6,295	6,283	Gosport Waterworks Co.	Do.	Good and adequate.
Havant U.D.	1,391	4,092	921	881	Borough of Portsmouth Waterworks Co.	Wells & springs	Satisfactory & abundant.
Itchen U.D.	2,089	19,484	3,808	3,333	South Hants Waterworks Co.	Rivers & streams	Polluted.
Lymington B.	1,510	4,329	1,051	1,007	Lymington T.C.	Wells & springs	Fair, but some liable to contamination; sufficient.
Petersfield U.D.	1,631	3,947	851	818	Petersfield U.D.C.	Wells	Good and adequate.
Portsmouth C.B.	6,100	231,141	45,048	45,036	Borough of Portsmouth Waterworks Co.	Wells & springs	Good.
Romsey B.	533	4,669	1,080	696	South Hants Waterworks Co.	Wells	Fairly good and adequate.
Southampton C.B.	4,604	119,012	22,565	22,509	Southampton T.C. and South Hants Waterworks Co.	Do.	Satisfactory.
Warblington U.D.	2,438	3,771	897	897	Borough of Portsmouth Waterworks Co.	Wells and springs	—
Winchester B.	1,930	23,378	4,577	4,577	Winchester Water & Gas Co.	—	—
<b>Alresford R.D.:</b>							
Beauworth	1,508	164	34	—	—	—	—
Bighton	2,095	200	50	—	—	—	—
Bishop's Sutton	3,746	439	110	—	—	—	—
Bramdean	1,237	243	58	—	—	—	—
Brown Candover	2,811	178	38	—	—	—	—
Cheriton	3,268	690	161	—	—	—	—
Chilton Candover	1,450	103	19	—	—	—	—
Godsfield	509	18	4	—	—	—	—
Hinton Ampner	2,378	411	85	—	—	—	—
Itchen Stoke	2,717	235	58	—	—	—	—
Kilmeston	1,670	238	56	—	—	—	—
New Alresford	692	1,706	392	152	Alresford Water Co., Ltd.	Wells, streams & rain-water (Ropley and Bighton).	Wells good; streams and rain-water liable to contamination and inadequate during dry weather.
Northington	2,414	241	52	—	—	—	—
Old Alresford	3,670	566	114	—	—	—	—
Ovington	1,300	137	34	—	—	—	—
Ropley	4,684	1,371	356	—	—	—	—
Swarraton	755	110	27	—	—	—	—
Titchborne	3,055	286	72	—	—	—	—
West Tisted	2,356	195	48	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Southampton— cont.</b>							
<b>Alton R.D.:</b>							
Bentley - - -	2,299	671	176	—	—	Wells - - -	Satisfactory.
Bentworth - - -	3,763	586	150	—	—	Rain-water - -	
Binsted - - -	6,920	1,376	357	8	Wey Valley Water Co. -	Wells and rain- water.	
Chawton - - -	2,674	714	94	1	Alton U.D.C. - - -	Wells - - -	Satisfactory.
Coldrey - - -	195	22	5	—	—	Wells - - -	
East Tisted - - -	2,648	246	59	—	—	Wells & springs	
East Workham - -	1,800	241	64	—	—	Wells - - -	Satisfactory.
Faringdon - - -	2,357	428	128	—	—	Wells & springs	
Froyle - - -	3,665	670	157	—	—	Wells - - -	
Grayshott - - -	700	1,018	258	214	Wey Valley Water Co. -	Wells & springs	Satisfactory.
Hartley Mauditt -	1,404	110	22	—	—	Wells - - -	
Headley - - -	6,223	7,576	735	—	—	Wells - - -	
Holybourne - - -	1,405	565	142	—	—	Wells - - -	Satisfactory.
Kingsley - - -	1,801	336	98	—	—	Wells - - -	
Lasham - - -	1,797	157	41	—	—	Wells - - -	
Medstead - - -	2,847	655	210	—	—	Rain-water - -	Satisfactory.
Neatham - - -	1,117	97	20	—	—	Wells - - -	
Newton Valence -	2,258	287	70	—	—	Wells - - -	
Selborne - - -	7,914	2,118	529	—	—	Wells & springs	Satisfactory.
Shalden - - -	1,536	140	40	—	—	Wells - - -	
West Worldham -	406	49	15	—	—	Wells - - -	
Wield - - -	2,104	224	58	—	—	Wells and rain- water.	Satisfactory.
<b>Andover R.D.:</b>							
Abbots Ann - - -	3,396	534	133	—	—	—	Satisfactory.
Amport - - -	3,961	648	174	7	H. C. Stephens, Esq. -	—	
Appleshaw - - -	713	274	71	—	—	—	
Barton Stacey - -	5,027	542	123	—	—	—	Satisfactory.
Bullington - - -	1,635	157	40	—	—	—	
Chilbolton - - -	3,134	402	118	—	—	—	
Facombe - - -	2,669	132	32	—	—	—	Satisfactory.
Foxcote - - -	900	37	10	—	—	—	
Fyfield - - -	1,291	198	51	—	—	—	
Goodworth Clatford	2,823	436	123	—	—	—	Satisfactory.
Grateley - - -	1,551	266	55	—	—	—	
Hurstbourne Tar- rant. - - -	4,841	719	186	—	—	—	
Kimpton - - -	2,795	377	82	8	Capt. W. V. Faber, M.P. and E. H. Jellett, Esq. -	Wells - - -	Good.
Knights Enham - -	794	169	27	—	—	Wells - - -	
Linkenholt - - -	1,073	89	22	—	—	Wells - - -	
Longparish - - -	5,326	729	193	—	—	—	Satisfactory.
Monxton - - -	1,157	273	59	—	—	—	
Penton, Grafton or Weyhill - - -	1,892	377	95	—	—	—	
Penton Mewsey - -	1,059	234	65	—	—	—	Satisfactory.
Quarley - - -	1,693	168	40	1	H. C. Stephens, Esq. -	—	
Shipton Bellinger -	2,561	553	124	3	Do. - - -	—	
South Tidworth - -	2,303	4,840	102	—	—	—	Satisfactory.
Tangle - - -	1,634	164	48	—	—	—	
Thrupton - - -	1,565	288	85	6	H. C. Stephens, Esq. -	—	
Upper Clatford - -	2,209	654	166	—	—	—	Satisfactory.
Vernham's Dean - -	3,920	506	144	—	—	—	
Wherwell - - -	3,633	529	125	—	—	—	
<b>Basingstoke R.D.:</b>							
Andwell - - -	148	22	6	—	—	Wells - - -	Satisfactory.
Basing - - -	5,917	1,353	267	—	—	Wells & springs	
Bradley - - -	975	82	17	—	—	—	
Bramley - - -	2,298	417	102	—	—	—	Satisfactory.
Cliddesden - - -	1,918	324	77	—	—	Wells - - -	
Deane - - -	1,587	126	29	—	—	Wells - - -	
Dummer with Kempshot. - - -	2,774	376	91	—	—	Wells - - -	Satisfactory.
Ellisfield - - -	2,349	266	60	—	—	Wells & rain- water.	
Farleigh Wallop -	1,725	86	22	—	—	Wells - - -	
Hartley Wespall -	1,399	225	59	—	—	Wells and rain- water.	Satisfactory.
Herriard - - -	2,977	357	94	—	—	Wells - - -	
Mapledurwell - -	829	199	48	—	—	Wells - - -	
Monk Sherborne - -	2,985	494	143	—	—	—	Satisfactory.
Mortimer West End	2,292	477	118	—	—	—	
Nately Scures - -	521	355	92	17	Frimley and Farnborough	Wells - - -	
Newnham - - -	1,404	577	137	18	District Water Co. -	Wells - - -	Satisfactory.
North Waltham - -	1,958	372	93	—	—	Wells - - -	
Nutley - - -	1,524	131	28	—	—	Wells - - -	
Oakley - - -	1,631	214	57	—	—	Wells and rain- water.	Satisfactory.
Pamber - - -	2,185	715	190	—	—	Wells - - -	
Popham - - -	1,440	114	24	—	—	Wells - - -	
Preston Candover -	3,457	407	97	—	—	Wells - - -	Satisfactory.
Sherborne St. John	3,972	627	154	—	—	Wells - - -	
Sherfield upon Lod- don. - - -	2,337	629	164	—	—	Wells - - -	
Silchester - - -	1,945	423	110	—	—	Wells - - -	Satisfactory.
Steventon - - -	2,155	250	60	—	—	Wells - - -	
<b>A 0.198</b>							



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Southampton— cont.</b>							
<b>Basingstoke R.D. —cont.</b>							
Stratfieldsaye -	2,743	460	117	—	—	—	—
Stratfield Turgis -	1,062	188	48	—	—	—	—
Tunworth -	1,105	99	25	—	—	—	—
Up Nately -	1,149	103	26	—	—	—	—
Upton Grey -	2,636	369	99	—	—	Wells -	—
Weston Corbett -	513	21	6	—	—	—	—
Weston Patrick -	1,183	93	25	—	—	—	Good and adequate.
Winlade -	712	87	21	—	—	—	—
Woodmancott -	1,404	65	14	—	—	—	—
Wootton St. Law- rence.	4,405	952	276	—	—	Wells and rain- water.	—
Worting -	1,145	316	73	—	—	Wells -	—
<b>Catherington R.D.:</b>							
Blendworth -	2,334	321	55	5	G. A. Gale, Esq. -	—	—
Catherington -	5,279	1,663	344	75	G. A. Gale, Esq. - Borough of Portsmouth Waterwks. Co. thro' Hart Plain Estate, Ltd.	Wells and rain- water.	Good.
Chalton -	1,749	158	43	—	—	—	—
Clanfield -	1,404	228	50	—	—	—	—
Idsworth -	1,729	411	97	51	Sir E. C. Jervoise, Bart.	—	—
Waterloo -	649	887	214	214	Boro' of Portsmouth Wwks. Co.	—	—
<b>Christchurch R.D.:</b>							
Christchurch East -	6,754	2,125	526	33	West Hampshire Water Co.	—	—
Highecliffe -	1,753	1,193	332	189	Do.	Wells -	Satisfactory & adequate.
Holdenhurst -	3,093	1,081	326	204	Bournemouth Gas & Water Co.	—	—
Hurn -	6,539	413	86	5	West Hampshire Water Co.	—	—
Sopley -	4,778	817	195	—	—	—	—
<b>Droxford R.D.:</b>							
Bishop's Waltham -	5,151	2,488	654	353	South Hants Waterworks Co.	—	—
Corhampton -	1,246	115	30	—	—	—	—
Curridge -	2,167	805	205	40	South Hants Waterworks Co.	—	—
Droxford -	2,433	572	130	—	—	—	—
Durley -	2,497	655	153	—	—	—	—
Exton -	3,567	306	67	—	—	—	—
Hambledon -	9,446	2,139	564	—	—	Wells; also River Meon in Meonstoke.	Good, except in part of Swanmore.
Meonstoke -	2,055	458	125	—	—	—	—
Shedfield -	2,003	1,310	347	38	Gosport Waterworks Co.	—	—
Soberton -	5,885	1,302	346	—	—	—	—
Swanmore -	2,362	1,139	303	8	Gosport Waterworks Co.	—	—
Upham -	2,884	622	169	—	—	—	—
Wamford -	3,178	196	70	—	—	—	—
West Meon -	3,773	799	212	—	—	—	—
<b>Fareham R.D.:</b>							
Boarhunt -	2,538	492	84	—	—	Well -	Satisfactory.
Cosham -	3,096	2,528	527	490	Boro' of Portsmouth Wwks. Co.	Wells -	Fair.
Crofton -	4,180	2,337	510	243	Lee-on-the-Solent Wwks. Co., Ltd.	Do. -	Satisfactory.
Hook with War- sash.	2,271	1,096	276	2	South Hants Waterworks Co.	Do. -	Indifferent.
Portchester -	1,348	901	226	11	Boro' of Portsmouth Wwks. Co.	Do. -	Satisfactory.
Rowner -	1,245	314	29	—	—	—	—
Salisbury -	4,451	3,202	778	1	South Hants Waterworks Co.	Do. -	Potable and adequate.
Southwick -	3,883	540	144	—	—	Wells -	Fair.
Titchfield -	4,825	1,608	390	—	—	—	—
Wickham -	2,447	1,198	276	41	Gosport Waterworks Co.	—	—
<b>Fordingbridge R.D.:</b>							
Ashley Walk -	8,404	393	70	—	—	—	—
Breamore -	2,677	505	123	—	—	—	—
Damerham -	4,680	549	138	—	—	—	—
Fordingbridge -	6,303	2,456	763	—	—	—	—
Hale -	1,378	115	30	—	—	—	—
Martin -	4,566	390	104	—	—	—	—
North Charford -	874	98	23	—	—	Wells -	Good.
Rockbourne -	3,924	447	109	—	—	—	—
South Charford -	863	87	18	—	—	—	—
Toyd Farm and Allenford.	647	25	4	—	—	—	—
Whitbury -	1,823	182	38	—	—	—	—
Woodgreen -	47	197	60	—	—	—	—
<b>Hartley Wintney R.D.:</b>							
Bramshill -	2,118	142	28	—	—	Wells -	Fairly satisfactory, but short in dry seasons.
Cove -	1,972	1,751	407	335	Frimley and Farnborough District Water Co.	Wells -	Some good, others bad; sufficient.
Croindall -	4,201	1,374	307	48	Do. do.	Wells -	Variable and some in- adequate.
Crookham -	4,039	2,739	498	178	Do. do.	Do. -	Some fair, others indiffer- ent; some inadequate.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Southampton— cont.</b>							
<b>Hartley Wintney R.D.—cont.</b>							
Dogmersfield - - -	1,731	228	51	7	Frimley and Farnborough District Water Co.	Wells and stream	Indifferent, but sufficient.
Elvetham - - -	3,278	378	90	31	Hon. Mrs. A. G. Calthorpe	Wells - - -	Fair and sufficient.
Eversley - - -	3,141	841	202	—	—	Wells - - -	Indifferent; sometimes in- adequate.
Greywell - - -	876	246	62	2	Frimley, &c. Water Co.	Wells and stream	Indifferent & inadequate.
Hartley Wintney -	2,451	2,172	496	447	Hartley Wintney R.D.C.	Wells - - -	Indifferent, but sufficient.
Hawley with Min- ley.	4,948	1,736	360	148	Frimley and Farnborough District Water Co.	Do. - - -	Variable, but sufficient.
Heckfield - - -	3,232	471	105	—	—	Wells - - -	Doubtful, but sufficient.
Long Sutton - - -	2,290	268	70	—	—	Wells and rain- water.	Wells good; inadequate.
Mattingley with Hazeley.	2,548	494	116	—	—	Wells - - -	Fairly satisfactory, but in- adequate in dry seasons.
Odiham - - -	7,354	2,674	670	183	Frimley and Farnborough District Water Co.	(a) Wells, (b) stream & (c) canal.	(a) Some good, (b) doubtful, (c) bad; adequate.
Rotherwick - - -	1,988	483	109	1	Do. do.	Wells - - -	Not good, but adequate.
South Warnborough	2,653	300	76	7	Do. do.	Do. - - -	Some good, but inadequate.
Winchfield - - -	1,582	466	62	4	—	—	—
Yateley - - -	3,222	1,879	417	129	Frimley, &c. Water Co.	Wells - - -	Indifferent, but sufficient.
<b>Havant R.D.:</b>							
Bedhampton - - -	2,405	775	197	160	Borough of Portsmouth Waterworks Co.	Wells - - -	Good and sufficient.
Farlington - - -	2,401	2,019	414	414		Wells - - -	Good and sufficient.
North Havant - - -	1,649	692	163	126	South Hayling Water Co.	Do. - - -	Fair.
North Hayling - - -	1,355	465	118	18		Do. - - -	Fair.
South Hayling - - -	2,575	1,844	474	236	—	—	—
<b>Hursley R.D.:</b>							
Ampfield - - -	2,724	406	70	—	—	Wells - - -	—
Chandlers Ford - -	1,836	1,641	370	298	South Hants Waterworks Co.	Wells and rain- water.	Doubtful, but generally adequate.
Farley Chamber- layne.	1,794	114	27	15	Sir G. A. Cooper, Bart.	Wells - - -	—
Hursley - - -	6,959	940	216	139	Do.	Wells - - -	—
North Baddesley -	2,029	280	65	28	South Hants Waterworks Co.	Wells - - -	—
Otterbourne - - -	1,414	1,012	234	171		Wells - - -	—
<b>Kingsclere R.D.:</b>							
Ashmansworth - - -	1,822	180	43	—	—	Pond - - -	Good.
Baughurst - - -	1,798	542	127	—	—	—	—
Burghclere - - -	5,269	816	183	—	—	—	—
Crux Easton - - -	1,121	80	18	—	—	—	—
East Woodhay - - -	5,080	1,642	423	—	—	—	—
Eccleinswell - - -	2,349	371	100	—	—	—	—
Ewhurst - - -	477	58	12	—	—	—	—
Hannington - - -	2,045	210	62	—	—	—	—
Highclere - - -	3,184	428	103	—	—	Wells - - -	Good.
Kingsclere - - -	13,156	2,475	588	—	—	—	—
Litchfield - - -	1,811	116	27	—	—	—	—
Newtown - - -	480	237	53	—	—	—	—
Sydmonton - - -	2,145	146	37	—	—	—	—
Tadley - - -	2,079	1,293	285	—	—	—	—
Wolverton - - -	1,453	166	44	—	—	—	—
Woodcote - - -	1,444	82	17	—	—	—	—
<b>Lymington R.D.:</b>							
Boldre - - -	10,414	2,504	630	4	Lymington T.C.	—	—
Brookhurst - - -	5,994	2,048	501	190	South Hants Waterworks Co.	—	—
Horile - - -	3,361	1,065	311	38		—	—
Milford on Sea - -	3,426	1,618	388	204	West Hampshire Water Co.	Do. - - -	Good and sufficient.
Milton - - -	5,803	2,741	716	335		—	—
Pennington - - -	1,751	880	239	103	—	—	—
Rhinefield - - -	4,682	39	11	—	—	—	—
Sway - - -	2,209	1,010	261	—	—	—	—
<b>New Forest R.D.:</b>							
Beaulieu - - -	8,625	986	222	100	Lord Montague of Beaulieu	—	—
Bramshaw - - -	3,502	510	120	—	—	—	—
Colbury - - -	5,472	1,008	218	33	South Hants Waterworks Co.	—	—
Copthorne - - -	5,550	1,602	405	2		—	—
Denny Lodge - - -	11,776	258	57	—	—	—	—
Dibden - - -	2,235	1,047	267	73	South Hants Waterworks Co.	Wells and springs.	Good and adequate.
East Bramshaw - -	1,579	233	59	—	—	—	—
Elling - - -	2,132	3,125	778	554	South Hants Waterworks Co.	—	—
Exbury - - -	2,124	244	70	—	—	—	—
Fawley - - -	6,855	2,033	524	—	—	—	—
Lyndhurst - - -	3,825	2,406	565	442	South Hants Waterworks Co.	—	—
Marchwood - - -	1,600	620	154	22	Do.	—	—
Minstead - - -	10,346	892	200	—	—	—	—
Netley Marsh - - -	3,886	1,409	304	41	South Hants Waterworks Co.	—	—
<b>Petersfield R.D.:</b>							
Bramshott - - -	6,494	2,453	583	5	Wey Valley Water Co.	Wells - - -	Unsatisfactory in parts.
Buriton - - -	5,265	771	176	—	—	Do. - - -	Good and ample.
Colemore - - -	1,472	79	17	—	—	Rainwater (filtered).	Generally satisfactory and adequate.
East Meon - - -	8,823	1,013	231	140	Lord Hotham (part in bulk)	Wells - - -	Good and ample.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Southampton— cont.</b>							
<b>Petersfield R.D.— cont.</b>							
Empshott - - -	761	167	40	—	—	Rain-water (fil- tered) & wells.	Generally satisfactory and adequate.
Froxfield - - -	4,909	716	167	—	—		
Greatham - - -	2,030	1,772	123	8	Petersfield R.D.C. - - -	Rain-water and wells.	Good and ample.
Hawkey - - -	1,446	339	76	4	Do. - - -		
Langrish - - -	2,553	477	125	—	—	Wells - - -	Generally satisfactory and ample.
Liss - - -	3,619	2,334	549	291	Petersfield R.D.C. - - - Hill Brow Waterwks. Co., Ltd		
Priors Dean - - -	1,596	83	24	—	—	Rain-water (fil- tered) & wells.	Generally satisfactory and ample.
Privett - - -	1,279	225	54	—	—		
Sheet - - -	1,359	635	155	26	Petersfield U.D.C. - - -	Wells - - -	Good and adequate.
Steep - - -	2,658	966	215	1			
<b>Ringwood R.D. :</b>							
Broomy - - -	4,712	157	25	—	—	Wells - - -	Good and adequate.
Burley - - -	11,327	1,208	250	—	—		
Ellingham - - -	2,559	223	52	—	—	Wells - - -	Good and adequate.
Harbridge - - -	4,214	299	50	—	—		
Ibsley - - -	1,793	211	40	—	—	Wells & springs	Fair.
Ringwood - - -	11,842	5,055	1,033	—	—		
<b>Romsey R.D. :</b>							
Dunwood - - -	261	18	3	—	—	Wells & springs	Fair.
East Dean - - -	1,073	191	63	—	—		
East Wellow - - -	2,468	393	81	—	—	Wells & springs	Fair.
Lockerley - - -	1,647	561	165	—	—		
Melchet Park - - -	536	24	3	—	—	Wells & springs	Fair.
Mitcheimersh - - -	4,178	1,058	261	9	South Hants Waterworks Co.		
Mottisfont - - -	2,790	559	155	—	—	Wells & springs	Fair.
Nursling - - -	1,531	661	165	12	South Hants Waterworks Co.		
Plaitford - - -	1,323	165	35	—	—	Wells & springs	Fair.
Romsey Extra - - -	9,017	1,485	215	48	South Hants Waterworks Co.		
Rownhams - - -	1,989	521	133	24	—	Wells & springs	Fair.
Sherfield English - - -	1,848	318	96	—	—		
Tisbury - - -	1,434	200	47	10	South Hants Waterworks Co.	Wells & springs	Fair.
West Wellow - - -	1,401	646	158	—	—		
<b>South Stoneham R.D. :</b>							
Bitterne - - -	615	3,142	750	700	South Hants Waterworks Co.	Wells	Good and adequate.
Botley - - -	1,986	1,012	254	37			
Bursledon - - -	1,129	1,018	289	26	South Hants Waterworks Co.	Wells	Good and adequate.
Chilworth - - -	1,540	272	43	5			
Hamble le Rice - - -	582	695	146	86	South Hants Waterworks Co.	Wells	Good and adequate.
Hedge End - - -	1,708	1,242	317	7			
Hound - - -	2,475	3,478	500	297	South Hants Waterworks Co.	Wells	Good and adequate.
Millbrook - - -	984	1,195	300	122			
North Stoneham - - -	4,132	1,962	430	373	South Hants Waterworks Co.	Wells	Good and adequate.
South Stoneham - - -	1,324	1,934	384	364			
West End - - -	2,984	1,871	308	147	—	Wells & springs	Potable ; shortage in some parts in drought.
<b>Stockbridge R.D. :</b>							
Ashley - - -	1,834	88	23	—	—	Wells & springs	Potable ; shortage in some parts in drought.
Bessington - - -	1,593	77	22	—	—		
Broughton - - -	3,458	872	238	—	—	Wells & springs	Potable ; shortage in some parts in drought.
Buckholt - - -	1,102	16	5	—	—		
East Tytherley - - -	2,678	360	82	—	—	Wells & springs	Potable ; shortage in some parts in drought.
Frenchmoor - - -	379	75	14	—	—		
Houghton - - -	2,672	395	101	—	—	Wells & springs	Potable ; shortage in some parts in drought.
King's Somborne - - -	6,813	1,263	311	—	—		
Leckford - - -	2,267	257	57	—	—	Wells & springs	Potable ; shortage in some parts in drought.
Little Somborne - - -	1,933	43	11	—	—		
Longstock - - -	2,985	413	104	—	—	Wells & springs	Potable ; shortage in some parts in drought.
Nether Wallop - - -	7,391	701	189	—	—		
Over Wallop - - -	4,673	543	152	—	—	Wells & springs	Potable ; shortage in some parts in drought.
Stockbridge - - -	1,323	915	194	—	—		
Upper Eldon - - -	295	8	3	—	—	Wells & springs	Potable ; shortage in some parts in drought.
West Tytherley - - -	2,918	458	115	—	—		
<b>Whitchurch R.D. :</b>							
Ashe - - -	2,128	172	43	—	—	Wells	Good and adequate.
Freefolk Manor - - -	1,594	178	39	—	—		
Hurstborne Priors - - -	3,249	389	102	—	—	Wells	Good and adequate.
Laverstoke - - -	1,966	151	30	—	—		
Overton - - -	6,762	1,616	366	—	—	Wells	Good and adequate.
St. Mary Bourne - - -	7,746	1,152	307	—	—		
Tufton - - -	1,546	93	23	—	—	Wells	Good and adequate.
Whitchurch - - -	6,367	2,370	560	—	—		
<b>Winchester R.D. :</b>							
Abbott's Barton - - -	454	55	10	—	—	Wells	Generally satisfactory.
Avington - - -	2,953	231	40	—	—		
Chilcomb Without - - -	2,420	182	40	9	Winchester Water & Gas Co. -	Wells	Generally satisfactory.
Compton - - -	2,804	767	180	131	South Hants Waterworks Co.		
Crawley - - -	3,606	481	120	—	—	Wells	Generally satisfactory.
Easton - - -	2,172	375	110	—	—		
East Stratton - - -	1,997	297	75	—	—	Wells	Generally satisfactory.
Fair Oak - - -	1,681	751	180	23	South Hants Waterworks Co.		
Headbourne Worthy - - -	1,786	240	50	—	—	Wells	Generally satisfactory.
Hunton - - -	1,075	89	20	—	—		
Itchen Abbas - - -	1,951	237	50	—	—	Wells	Generally satisfactory.
King's Worthy - - -	2,243	464	110	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Southampton—</b>							
<i>cont.</i>							
<b>Winchester R.D.</b>							
<i>—cont.</i>							
Lainston - - -	120	43	6	6	S. Bostock, Esq. - - -	—	—
Littleton - - -	1,302	218	80	26	Do. - - -	—	—
Martyr Worthy - -	2,016	353	60	—	—	—	—
Micheldever - - -	7,819	997	200	—	—	—	—
Morestead - - -	1,701	155	25	—	—	—	—
Owslebury - - -	5,413	819	200	42	Winchester R.D.C. - - -	—	—
Sparsholt - - -	3,552	378	100	31	S. Bostock, Esq. - - -	Wells - - -	Generally satisfactory.
Stoke Charity - - -	1,841	121	30	—	—	—	—
Stoke Park - - -	1,251	306	59	21	—	—	—
Twyford - - -	4,230	2,048	600	261	South Hants Waterworks Co. -	—	—
Weeke Without - -	755	108	35	29	Winchester Water & Gas Co. -	—	—
Wonston - - -	5,493	856	220	—	—	—	—
<b>STAFFORD-</b>							
<b>SHIRE</b>							
Amblecote U.D. - -	665	3,155	711	700	Stourbridge & Dist. Water Bd.	Wells & springs -	Good and abundant.
Audley U.D. - - -	8,313	14,776	3,073	3,003	Audley U.D.C. - - -	Wells - - -	Satisfactory.
Biddulph U.D. - -	5,671	7,422	1,466	1,235	Biddulph U.D.C. - - -	Wells & springs -	Good and sufficient.
Bilston U.D. - - -	1,867	25,681	5,281	5,231	Bilston U.D.C. - - -	Wells - - -	Satisfactory.
Brierley Hill U.D. -	1,016	12,263	2,581	2,573	South Staffs. Water Works Co. -	Do. - - -	Good and ample.
Brownhills U.D. - -	6,307	16,852	3,321	3,109	Do. do. - - -	Do. - - -	Not very good.
Barton upon Trent C.B.	4,203	48,266	10,784	9,345	Do. do. - - -	Do. - - -	Poor, but adequate.
Cannock U.D. - - -	8,010	28,586	5,466	5,305	Do. do. - - -	Wells & springs -	Generally good & adequate.
Coseley U.D. - - -	3,737	22,834	4,824	4,813	Cannock Conduit Trustees -	—	—
Darlaston U.D. - -	913	17,107	3,438	3,438	S. Staffs. Water Works Co. -	Wells - - -	Fair and adequate.
Heathtown or Wednesfield Heath U.D.	885	12,276	2,435	2,428	Bilston U.D.C. - - -	—	—
Kidsgrove U.D. - -	3,114	9,012	1,840	1,750	Wolverhampton T.C. - - -	Wells - - -	Some bad.
Leek U.D. - - -	1,459	16,663	3,749	3,749	South Staffs. Water Works Co. -	—	—
Lichfield B. - - -	3,475	8,616	1,834	1,801	Kidsgrove U.D.C. and Staf- fordshire Potteries Water- works Co. (part in bulk).	Do. - - -	Good, but inadequate.
Newcastle under Lyme B.	671	20,201	4,146	4,144	Leek U.D.C. - - -	—	—
Perry Barr U.D. - -	4,084	2,403	445	335	Lichfield Conduit Lands Trustees. - - -	Wells. - - -	Some doubtful, others very good.
Quarry Bank U.D. -	666	7,393	1,499	1,468	S. Staffs. Water Works Co. -	Springs - - -	Doubtful, but plentiful.
Rowley Regis U.D. -	3,828	37,000	7,495	7,462	Staffordshire Potteries Water- works Co. - - -	—	—
Rugeley U.D. - - -	651	4,504	979	952	Birmingham T.C. - - -	Wells - - -	Satisfactory.
Sedgley U.D. - - -	3,854	16,527	3,199	3,139	S. Staffs. Water Works Co. -	Do. - - -	Good and adequate.
Short Heath U.D. -	1,055	4,075	833	812	Hamstead Colliery Co., Ltd. South Staffs. Water Works Co. -	Wells & springs -	Doubtful and uncertain.
Smallthorne U.D. -	2,688	13,559	2,567	2,562	Rugeley U.D.C. - - -	Wells - - -	Satisfactory.
Smethwick C.B. - -	1,929	70,694	14,466	14,454	S. Staffs. Water Works Co. -	Wells and rain- water. - - -	Doubtful.
Stafford B. - - -	1,084	23,383	4,450	4,450	Wolverhampton T.C. - - -	Wells - - -	Satisfactory and plentiful.
Stoke on Trent C.B.	11,142	234,534	46,331	46,328	Wolverhampton T.C. - - -	Wells - - -	Satisfactory and plentiful.
Stone U.D. - - -	1,063	5,688	1,177	1,075	Kidsgrove U.D.C. (bulk) -	Do. - - -	Generally satisfactory.
Tamworth B. - - -	284	7,738	1,661	1,661	Staffs. Potteries Water Co. -	Do. - - -	Satisfactory and adequate.
Tettenhall U.D. - -	1,531	5,381	1,225	1,160	South Staffs. Water Works Co. -	Do. - - -	Satisfactory and adequate.
Tipton U.D. - - -	2,171	31,756	6,712	6,550	Stafford T.C. - - -	Wells - - -	Fairly good.
Utttoxeter U.D. - -	1,037	5,717	1,200	1,161	Staffordshire Potteries Water- works Co. - - -	Springs - - -	Satisfactory.
Walsall C.B. - - -	7,483	92,115	18,723	18,477	Stone U.D.C. - - -	Wells - - -	Satisfactory and adequate.
Wednesbury B. - -	2,287	28,103	5,686	5,636	Tamworth Waterworks Joint Committee. - - -	—	—
Wednesfield U.D. -	2,539	6,488	1,255	1,204	Wolverhampton T.C. - - -	Wells - - -	Good.
					South Staffs. Water Works Co. -	Do. - - -	Satisfactory and adequate.
					Utttoxeter U.D.C. - - -	Wells & springs -	Satisfactory.
					South Staffordshire Water Works Co. - - -	Wells & springs -	Fair.
					Do. do. - - -	Wells - - -	Satisfactory.
					Wolverhampton T.C. - - -	Wells - - -	Doubtful, but adequate.



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<b>Staffordshire—</b> <i>cont.</i>							
<b>West Bromwich C.B.</b>	5,859	68,332	13,830	13,780	South Staffordshire Water Works Co.	Wells & springs Rain-water	Generally fair & adequate. Adequate.
<b>Willenhall U.D.</b>	1,277	18,844	3,784	3,778	Wolverhampton T.C.	Wells Springs	Satisfactory. Liable to pollution.
<b>Wolstanton United U.D.</b>	5,422	27,335	5,720	5,692	Staffordshire Potteries Water-works Co. (part in bulk).	Wells	Satisfactory.
<b>Wolverhampton C.B.</b>	3,525	95,328	20,264	20,264	Wolverhampton T.C.	—	—
<b>Blore Heath R.D. :</b>							
Ashley	2,821	756	200	—	—	—	—
Mucklestone	4,252	764	171	43	J. B. Lloyd, Esq. F. H. L. Meynell, Esq.	Wells	Variable.
Tyrley	6,589	767	164	41	Market Drayton Water Co. H. B. M. Buchanan, Esq.	—	—
<b>Cannock R.D. :</b>							
Acton Trussell and Bednall.	2,594	523	112	—	—	Wells	Good and sufficient.
Brewood	12,152	2,567	631	—	—	Do.	Poor and insufficient.
Bushbury	3,520	3,594	789	585	Wolverhampton T.C.	Do.	Variable, but sufficient.
Cheslyn Hay	819	3,309	680	651	Cannock R.D.C.	Do.	Good and sufficient.
Coppenhall	907	108	19	—	—	Do.	Variable, but sufficient.
Dunston	1,448	245	60	—	—	Do.	Good and sufficient.
Essington	3,054	2,298	445	349	Wolverhampton T.C. S. Staffs. Water Works Co.	Do.	Variable, but sufficient.
Featherstone	504	39	8	—	—	Do.	Good and sufficient.
Great Wyrley	1,648	1,953	441	406	S. Staffs. Waterworks Co. (bulk)	Do.	Variable, but sufficient.
Hatherton	2,915	497	113	8	South Staffs. Water Works Co.	Do.	Good and sufficient.
Hilton	810	57	14	—	—	Do.	Good and sufficient.
Huntington	1,303	300	69	68	South Staffs. Water Works Co.	Do.	Variable, but sufficient.
Kinvaston	303	21	4	—	—	Do.	Good and sufficient.
Lapley	3,542	788	185	—	—	Do.	Variable, but sufficient.
Penkridge	10,783	2,386	553	288	S. Staffs. Water Wks. Co. (bulk)	Do.	Good and sufficient.
Saredon	1,938	375	79	—	—	Do.	Variable, but sufficient.
Shareshill	889	370	85	—	—	Do.	Good and sufficient.
Stretton	1,615	232	45	—	—	Do.	Good and sufficient.
Teddesley Hay	2,625	124	23	13	South Staffs. Water Works Co.	Do.	Good and sufficient.
<b>Cheadle R.D. :</b>							
Alton	2,308	1,279	290	140	Earl of Shrewsbury and Talbot	Wells	Good, but inadequate.
Bradley in the Moors.	677	65	13	—	—	Do.	Good and adequate.
Cauldon	1,494	483	111	100	North Staffs. Railway Co. (part in bulk). Cheadle R.D.C.	Wells	Good, but inadequate.
Caverswall	5,011	5,264	1,100	810	Staffs. Potteries Waterwks. Co.	Wells & springs	Good and adequate.
Cheadle	6,137	5,841	1,230	950	Cheadle (Staffs.) Waterworks Co., Ltd.	Do.	Variable and inadequate.
Checkley	5,566	2,280	573	—	—	Do.	Part good and adequate; part doubtful and inadequate
Cheddleton	7,017	3,221	495	10	Staffs. Potteries Waterwks. Co.	Do.	Good & fairly adequate.
Consall	2,159	222	50	—	—	Wells and rain-water.	Good & fairly adequate.
Cotton	2,063	533	95	24	North Staffs. Railway Co.	Wells and springs.	Good & fairly adequate.
Dilthorne	2,478	657	141	60	Lady Feilden	Wells	Good & fairly adequate.
Draycott in the Moors.	3,907	368	88	—	—	Wells and springs.	Good & fairly adequate.
Farley	2,152	261	67	8	North Staffs. Railway Co.	Wells	Good & fairly adequate.
Forsbrook	1,298	1,852	431	335	Staffs. Potteries Waterwks. Co.	Wells & springs	Doubtful and part inadequate.
Ipton	6,086	1,482	354	80	Cheadle R.D.C.	Wells	Doubtful and inadequate.
Kingsley	4,261	1,905	430	209	Cheadle R.D.C.	Wells and springs	Good and fairly adequate.
Oakmoor	1,555	993	200	125	Messrs. Thos. Bolton & Sons, Ltd.	Wells	Good and fairly adequate.
<b>Dudley R.D. :</b>							
Dudley Castle Hill	69	12	3	3	South Staffs. Water Works Co.	—	—
<b>Gnosall R.D. :</b>							
Adbaston	4,638	554	117	—	—	Wells	Good, but part insufficient.
Church Eaton	4,243	593	141	18	C. E. Morris Eyton, Esq.	—	—
Forton	3,746	497	110	33	Rev. Sir R. Boughiey, Bart.	—	—
Gnosall	10,007	2,069	548	58	A. J. Hoole, Esq. Gnosall R.D.C. Rev. Sir R. Boughiey, Bart.	Do.	Good.
High Offley	2,761	686	157	—	—	—	—
Norbury	2,102	245	53	—	—	—	—
Weston Jones	1,259	121	23	—	—	—	—
<b>Kingswinford R.D. :</b>							
Kingswinford	5,691	20,803	4,545	4,264	Stourbridge & Dis. Water Bd. S. Staffs. Water Works Co.	Do.	Fair.
<b>Leek R.D. :</b>							
Bagnall	1,712	662	140	41	Staffs. Potteries Waterwks. Co.	Wells & springs	Good and sufficient.
Bradnop and Cawdry.	3,568	432	86	—	—	—	—
Butterton	1,499	279	78	—	—	—	—



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<b>Staffordshire— cont.</b>							
<b>Leek R.D.—cont.</b>							
Endon and Stanley	2,745	1,583	350	173	Staffs. Potteries Waterwks. Co.	Wells & springs	Good and sufficient.
Fawfieldhead	5,382	471	127	—	—		
Grindon	3,274	354	70	28	Leek R.D.C.		
Heathlyce	5,535	331	84	—	—		
Heaton	2,689	349	83	—	—		
Hollingsclough	1,842	224	63	—	—	Wells & springs	Good and sufficient.
Horton	4,975	1,323	320	59	Biddulph U.D.C.		
Leekfrith	7,534	614	145	—	—		
Longnor	813	517	114	109	Leek R.D.C.		
Longsdon	2,708	650	132	35	Staffs. Potteries Waterwks. Co.		
Lowe	1,416	192	33	—	—	Wells	Good and sufficient.
Norton in the Moors	3,449	5,299	1,029	765	Staffs. Potteries Waterwks. Co.		
Onecote	4,936	364	80	—	—		
Quarnford	3,141	311	87	—	—		
Rudyard	1,435	81	14	—	—		
Rushton James	1,390	237	55	—	—	Wells & springs	Good and sufficient.
Rushton Spencer	1,860	333	82	—	—		
Sheen	2,893	321	88	—	—		
Tittesworth	1,514	96	22	—	—		
Warslow and Elk- stones.	3,598	464	125	—	—		
<b>Lichfield R.D.:</b>							
Alrewas	6,116	1,461	390	245	South Staffs. Water Works Co.	Wells	Fair.
Armitage	1,948	1,565	343	19	Rugeley U.D.C. (bulk)	Wells & springs	Wells variable, springs good.
Brereton	7,798	2,675	548	412	S. Staffs. Water Works Co. (Rugeley U.D.C. (bulk)		
Burntwood, Edial and Woodhouses.	4,425	8,636	1,645	1,295	South Staffs. Water Works Co.	Wells	Variable.
Colton	3,762	689	165	19	Rugeley U.D.C. (bulk)	Do.	Not good.
Curborough and Elmhurst.	1,294	196	42	—	—	Do.	Fair.
Elford	2,024	358	88	—	—	Do.	Some good, some fair.
Farewell & Chorley.	1,031	205	38	—	—	Do.	Fair.
Fisherwick	1,313	129	27	6	South Staffs. Water Works Co.	Do.	Moderate.
Freeford	378	75	15	10	Do.	Do.	Good.
Fulfen	250	43	13	1	Do.	Do.	Variable.
Hammerwich	1,779	1,611	341	229	Do.	Do.	Fair.
Hamstall Ridware	3,124	330	77	—	—	Do.	Moderate.
Haselour	586	38	6	—	—	Do.	Good.
King's Bromley	3,477	602	128	—	—	Do.	Fairly good.
King's Bromley Hays.	510	17	4	—	—	Do.	Moderate.
Longdon	4,545	1,358	325	—	—	Do.	Fair.
Mavesyn Ridware	2,486	478	104	—	—	Do.	Mostly fair.
Ogley Hay Rural	756	301	73	3	South Staffs. Water Works Co.	Do.	Good.
Pipe Ridware	823	60	14	—	—	Do.	Good.
Shenstone	8,162	2,296	535	315	South Staffs. Water Works Co.	Wells & springs	Variable.
Stroethay	978	272	58	48	Do.	Wells & streams	Variable.
Swinfen and Pack- ington.	2,131	208	38	2	Do.	Wells	Good.
Tamhorn	793	51	6	—	—	Do.	Fair.
Wall	1,019	306	64	6	South Staffs. Water Works Co.	Do.	Fairly good.
Weeford	2,545	234	53	—	—	Do.	Generally good.
Whittington	2,921	3,408	221	147	South Staffs. Water Works Co.	Wells & springs	Wells moderate, springs not good.
Yoxall	5,103	1,116	282	—	—	—	—
<b>Mayfield R.D.:</b>							
Alstonfield	2,938	457	104	—	—	(a) Spring & well, (b) rainwater.	(a) Good, (b) fair; ade- quate.
Blöre with Swinscoe	1,885	144	34	—	—	Well, spring, and rain-water.	Fair and adequate.
Calton	1,542	208	49	—	—	Rain-water	Fair.
Calwich	782	129	26	—	—	Wells & spring	Good and adequate.
Ellastone	755	240	65	—	—	Wells	Good and adequate.
Ilam	3,571	175	33	—	—	Wells, spring, and rain-water.	Wells good, others fair.
Mayfield	1,841	1,211	281	194	Mayfield R.D.C. Messrs. Simpson Bros., Ltd. Mrs. A. L. T. Greaves	Wells	Fair.
Okeover	863	62	11	—	—	Do.	Good and adequate.
Prestwood	490	38	9	—	—	—	—
Ramshorn	1,509	95	21	21	Mrs. Cathcart (in lunacy— The Official Solicitor).	Wells	Good and adequate.
Stanton	2,027	269	62	—	—	Do.	Some good, others fair; adequate.
Waterfall	1,625	426	97	36	North Staffs. Rly. Co. (bulk)	Do.	Good and adequate.
Wetton	2,630	284	65	—	—	Rain-water	Fair.
Woodhouses	253	22	3	—	—	Wells	Good and adequate.
Wootton	1,871	155	35	—	—	—	—
<b>Newcastle under Lyme R.D.:</b>							
Balterley	1,235	263	52	—	—	Wells	Good and sufficient.
Betley	1,463	761	170	—	—	Wells & springs	Moderately good and suffi- cient.



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1	2.	3.	4.	5.	6.	7.	8.
<b>Staffordshire—cont.</b>							
<b>Newcastle under Lyme R.D.—</b>							
Chapel and Hill	1,983	352	85	12	Staffs. Potteries Waterwks. Co. thru' Sir D. Broughton.	Wells & springs -	Good, but insufficient.
Chorlton.	1,807	312	63	3	Staffs. Potteries Waterwks. Co.		
Clayton - - -	2,888	1,156	252	164	Staffs. Potteries Waterwks. Co. (part in bulk). Audley U.D.C. (bulk) - -	Wells - -	Good and sufficient.
Keele - - -	5,864	2,797	608	421	Staffs. Potteries Waterwks. Co. (bulk). Audley U.D.C. (bulk) - -		
Madeley - - -	2,750	443	97	—	—	Do. - -	
Maer - - -	2,015	326	80	48	Mrs. E. J. Cavanagh-Main- waring. L. and N.W. Railway Co. -	Do. - -	Good, but some insuffi- cient.
Whitmore - - -							
<b>Seisdon R.D.:</b>							
Bobbington - -	2,680	332	90	—	—		
Codsall - - -	2,994	1,634	416	177	Wolverhampton T.C. - -		
Evville - - -	4,986	712	165	47	South Staffs. Water Wks. Co. -		
Himley - - -	1,221	307	72	3	Bilston U.D.C. - - -		
Kinver - - -	9,011	2,348	695	377	Seisdon R.D.C. - - -		
Lower Penn - -	2,005	344	83	50	Wolverhampton T.C. - -		
Patshall - - -	1,824	222	42	—	—	Wells - -	Good.
Pattingham - -	2,529	755	193	—	—		
Swindon - - -	1,783	442	105	90	Bilston U.D.C. - - -		
Trysull and Seisdon	3,150	574	133	75	—		
Upper Penn - -	1,998	4,560	1,117	1,030	Wolverhampton T.C. - -		
Wombourn - - -	2,576	1,569	380	315	Bilston U.D.C. - - -		
Wrottesley - -	6,775	1,275	287	164	Wolverhampton T.C. - -		
<b>Stafford R.D.:</b>							
Baswich, Milford and Walton.	2,038	849	194	178	Stafford T.C. - - -		
Bradley - - -	4,948	395	81	—	L. and N.W. Railway Co. -		
Brocton - - -	2,341	241	59	39	—		
Castle Church -	3,445	1,660	410	270	Stafford T.C. - - -		
Chartley Holme -	1,707	49	10	—	—		
Colwich - - -	7,464	1,527	356	54	Earl of Lichfield; Stafford T.C.; S. Staffs. Water Wks. Co.; L. & N.W. Rail. Co.; North Staffs. Railway Co.		
Cresswell - - -	828	46	9	—	—		
Ellenhall - - -	2,549	212	48	—	—		
Fradswell - - -	1,442	184	38	—	—		
Gayton - - -	1,515	201	43	—	—		
Haughton - - -	3,119	507	122	—	—		
Hopton and Coton	3,479	643	102	55	Stafford T.C. - - -	Wells - -	Fair and sufficient.
Ingestre - - -	879	134	34	5	Earl of Shrewsbury & Talbot		
Marston - - -	1,296	115	19	—	Do. - - -		
Ranton - - -	1,843	277	61	—	—		
Salt and Enson -	1,609	400	94	—	—		
Seighford - - -	4,741	1,251	284	5	L. & N.W. Railway Co. - -		
Stowe - - -	5,363	850	203	—	—		
Tillington - - -	1,236	1,450	300	291	Stafford T.C. - - -		
Tixall - - -	2,367	222	46	17	Stafford T.C. - - -		
Weston upon Trent	831	361	84	—	Earl of Shrewsbury & Talbot		
Whitgreave - -	1,201	132	32	—	—		
Worston - - -	172	21	3	—	—		
Yarlet - - -	400	50	4	—	—		
<b>Stoke-upon-Trent R.D.:</b>							
Stoke Rural - -	3,270	4,774	878	765	Staffordshire Potteries Water- works Co.	Wells & springs -	Good and adequate.
<b>Stone R.D.:</b>							
Bariaston - - -	2,184	790	191	134	Staffs. Potteries Waterwks. Co.		
Chebscy - - -	2,852	470	100	—	—		
Cold Norton - -	1,319	69	12	—	—		
Eccleshall - - -	19,755	3,683	882	36	Staffs. Potteries Waterworks	Wells - -	
Fulford - - -	3,168	759	171	49	Co. - - -		
Hilderstone - -	2,015	380	86	—	—		
Milwich - - -	3,042	452	110	—	—		
Sandon - - -	3,574	508	109	20	Earl of Harrowby - - -	Spring & wells -	Good and adequate.
Standon - - -	2,620	438	73	29	Staffs. Potteries Waterworks Co. through Sir T. Salt. Stone U.D.C. - - -		
Stone Rural - -	14,086	2,948	653	199	Staffs. Potteries Waterwks. Co. Duke of Sutherland - -	Wells - -	
Swynnerton - -	6,481	831	180	64	Staffs. Potteries Waterwks. Co.		
Trentham - - -	6,260	3,059	644	519	Do. - - -	Wells & springs -	
<b>Tamworth R.D.:</b>							
Amington & Stony- delph (Warw.).	2,318	1,396	279	269	Tamworth Waterworks Joint Committee.		
Austrey (Do.) -	2,125	335	67	—	—		
Bolehall & Glascote (Warw.).	1,213	4,711	942	939	Tamworth Waterworks Joint Committee.	Wells - -	Good and sufficient.
Canwell - - -	560	141	28	—	—		
Clifton Campville and Haunton.	3,349	460	92	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Staffordshire—cont.</b>							
<b>Tamworth R.D.—</b>							
<i>cont.</i>							
Croxall - - -	2,325	218	44	—	—	Wells - -	Good and sufficient.
Drayton Bassett - -	3,155	370	74	—	—		
Edingale - - -	870	136	27	—	—		
Fazeley - - -	2,084	1,830	366	360	Tamworth Waterworks Joint Committee.		
Harlaston - - -	1,524	226	45	—	—		
Hints - - -	1,889	203	40	40	Mrs. Chadwick - - -	—	—
Hopwas Hays - - -	354	4	1	—	—	—	—
Kingsbury (Warw.)	8,070	3,831	757	728	Tamworth Waterworks Joint Committee (bulk). Baddesley Collieries (bulk). Tamworth R.D.C. - - -	Wells - -	Good and sufficient.
Middleton (Do.) -	3,914	418	83	17	Lord Middleton - - -		
Newton Regis (Do.)	1,339	450	90	—	—		
Seckington (Do.) -	848	84	21	21	Sir F. Burdett, Bart. - -		
Shutlington (Do.) -	1,420	614	123	115	Tamworth Waterworks Joint Committee (bulk).		
Statfold - - -	455	57	11	—	—	Wells - -	Good and sufficient.
Syerscote - - -	483	43	8	—	—		
Thorpe Constantine	961	105	21	—	—		
Wigginton - - -	3,667	1,320	250	244	Tamworth Waterworks Joint Committee.		
Wilnecote & Castle Liberty (Warw.).	1,313	4,196	739	735	—		
<b>Tutbury R.D. :</b>							
Anslow - - -	1,564	382	75	—	—	Wells - -	—
Barton under Needwood.	3,775	1,554	350	150	South Staffordshire Water Works Co.	Do. - -	—
Branston - - -	2,457	801	175	116	—	Wells and spring	Good.
Dunstall - - -	1,710	263	50	—	—		
Hanbury - - -	3,288	523	100	3	Lord Vernon - - -		
Outwoods - - -	1,045	862	200	50	South Staffs. Water Wks. Co.		
Rolleston - - -	2,037	872	180	10	Sir O. Mosley, Bart. - -		
Stretton - - -	1,247	804	182	100	South Staffs. Water Wks. Co.	Wells - -	—
Tatenhill - - -	3,159	673	130	30	Dowager Lady Burton - -		
Tutbury - - -	4,145	2,186	400	223	Sir O. Mosley, Bart. - -		
Wichnor - - -	1,642	167	30	5	Tutbury R.D.C. - - -		
South Staffs. Water Wks. Co.	—	—	—	—	—	Do. - -	Bad.
<b>Uttoxeter R.D. :</b>							
Abbots Bromley - -	9,476	1,467	270	—	—	Do. - -	—
Blithfield - - -	3,219	322	55	—	—		
Bramshall - - -	1,328	148	40	—	—		
Croxden - - -	2,447	179	40	—	—		
Denstone - - -	1,252	724	80	10	Sir A. P. Heywood, Bart. -		
Draycott in the Clay	1,930	528	110	37	Lord Vernon - - - Draycott in the Clay P.C. -	Spring & wells	Fair.
Field - - -	982	58	15	—	—		
Gratwich - - -	865	50	15	—	—		
Kingston - - -	2,037	195	60	—	—		
Leigh - - -	6,223	746	170	—	—		
Marchington - - -	2,493	561	120	18	Lord Vernon - - -	Wells - -	—
Marchington Woodlands.	2,525	319	65	—	—		
Newborough - - -	2,872	521	110	—	—		
Rochester - - -	1,992	1,263	260	—	—		
Uttoxeter Rural - -	8,174	1,071	240	—	—		
<b>Walsall R.D. :</b>							
Aldridge - - -	2,939	2,812	601	487	South Staffs. Water Wks. Co.	Wells - -	Good.
Bentley - - -	1,448	385	70	28	Wolverhampton T.C. - -		
Great Barr - - -	5,252	1,657	384	61	South Staffs. Water Wks. Co.		
Pelsall - - -	1,263	3,491	801	793	Do. - - -		
Rushall - - -	1,230	2,646	562	534	—		
<b>SUFFOLK, EAST.</b>							
Aldeburgh B. - -	1,633	2,374	570	568	Aldeburgh T.C. - - -	Springs - -	Satisfactory and adequate.
Beccles B. - - -	2,017	7,139	1,637	1,532	Beccles Waterworks Co. -	Wells - -	Satisfactory.
Bungay U.D. - - -	2,642	3,359	817	—	—	Wells and springs	Bad and inadequate.
Eye B. - - -	4,410	2,000	455	—	—	Wells, rivers, streams, ponds, and rain-water.	Generally poor, but sufficient.
Felixstowe and Walton U.D.	3,962	8,666	1,636	1,611	Felixstowe and Walton Waterworks Co. -	Wells - -	Satisfactory, but liable to pollution.
Halesworth U.D. -	1,132	2,258	557	—	—	Do. - -	Liable to pollution, but adequate.
Ipswich C.B. - - -	8,112	73,932	16,682	16,592	Ipswich T.C. - - -	Wells - -	Fair.
Leiston cum Sizewell U.D.	4,994	4,359	934	690	Leiston cum Sizewell U.D.C. -	Wells - -	Inferior, but adequate.
Lowestoft B. - - -	2,112	33,777	7,331	7,086	Lowestoft Water and Gas Co. -	Ponds - -	Inferior.
Oulton Broad U.D.	1,215	4,109	918	329	Do. - - -	Wells and springs	Satisfactory.
Saxmundham U.D.	1,107	1,404	353	—	—	Wells - -	Very unsatisfactory, but adequate.
Wells and ponds	—	—	—	—	—	Wells and ponds	Bad, but usually adequate.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Suffolk, East—cont.</b>							
Southwold B.	590	2,655	666	665	Southwold Water Wks. Co., Ltd.	Well	Satisfactory.
Stowmarket U.D.	1,038	4,230	1,015	840	Messrs. Greene, King, & Sons, Ltd.	Wells	Generally polluted, but sufficient.
Woodbridge U.D.	1,097	4,623	1,183	554	Woodbridge District Water Co.	Do.	Fairly good.
<b>Blything R.D. :</b>							
Aldringham with Thorpe.	1,739	642	133	—	—	—	—
Benacre	2,544	213	55	—	—	—	—
Blythburgh	874	138	34	—	—	—	—
Bramfield	4,330	747	120	—	—	—	—
Brampton	2,601	522	137	—	—	—	—
Brampton	2,074	375	70	—	—	—	—
Chediston	2,496	301	76	—	—	—	—
Cookley	1,727	200	45	—	—	—	—
Covehithe	1,404	153	34	—	—	—	—
Cratfield	2,127	387	98	—	—	—	—
Darsham	1,594	342	84	—	—	—	—
Dunwich	1,144	156	46	—	—	—	—
Easton Bavents	277	17	3	—	—	—	—
Frostenden	1,322	372	96	—	—	—	—
Henham	1,803	139	27	—	—	—	—
Henstead	1,959	524	118	—	—	—	—
Heveningham	1,669	273	59	—	—	—	—
Holton	1,236	557	132	—	—	—	—
Huntingfield	2,147	298	68	—	—	—	—
Kelsale	3,620	957	243	—	—	—	—
Knoddishall	1,850	531	126	—	—	—	—
Linstead Magna	1,325	74	18	—	—	—	—
Linstead Parva	567	122	33	—	—	—	—
Middleton	2,041	515	126	—	—	—	—
Peasenhall	2,184	697	174	—	—	—	—
Reydon	2,729	971	210	60	Southwold Water Wks. Co., Ltd.	Wells, springs, rivers, streams, ponds & rain- water.	Variable.
Rumburgh	1,538	295	79	—	—	—	—
Sibton	2,777	399	93	—	—	—	—
Sotherton	1,095	141	32	—	—	—	—
South Cove	1,212	148	37	—	—	—	—
Spexhall	1,839	249	51	—	—	—	—
Stoven	806	139	31	—	—	—	—
Theberton	2,001	502	118	—	—	—	—
Thorington	1,448	148	31	—	—	—	—
Ubbeston	1,205	155	32	—	—	—	—
Uggheshall	1,493	258	55	—	—	—	—
Walberswick	1,983	372	95	—	—	—	—
Walpole	1,675	347	90	—	—	—	—
Wangford	897	561	130	—	—	—	—
Wenhaston	2,401	831	222	—	—	—	—
Westhall	2,318	397	98	—	—	—	—
Westleton	6,122	769	198	—	—	—	—
Wissett	2,181	359	80	—	—	—	—
Wrentham	2,334	981	234	—	—	—	—
Yoxford	2,730	976	243	—	—	—	—
<b>Bosmere and Claydon R.D. :</b>							
Akenham	1,017	102	20	—	—	Wells	—
Ashbocking	1,412	270	60	—	—	Ponds and well	—
Ashfield	1,580	208	46	—	—	Ponds	—
Badley	1,078	102	18	—	—	Wells and ponds	—
Barham	1,802	571	92	—	—	Wells	—
Barking	3,157	432	91	—	—	Wells and ponds	—
Battisford	1,581	406	98	—	—	Wells	—
Baytham	1,357	258	60	—	—	Wells and ponds	—
Bramford	3,140	1,281	296	144	Ipswich T.C. (bulk)	Wells	—
Claydon	975	556	152	—	—	Wells	—
Coddenham	2,733	647	176	—	—	Wells and ponds	—
Creting St. Mary	2,710	416	107	—	—	Ponds	—
Crowfield	1,731	337	82	—	—	Wells	—
Debenham	3,322	1,196	310	—	—	Do.	Variable, some wells polluted: sufficient, except ponds.
Earl Stonham	2,550	617	140	—	—	Pond and well	—
Flowton	492	139	33	—	—	Wells	—
Framden	2,862	550	144	—	—	Moats	—
Gosbeck	1,475	209	43	—	—	Wells	—
Great Blakenham	875	358	92	—	—	Ponds & wells	—
Great Bricett	926	192	47	—	—	Wells	—
Helmington	2,454	308	71	—	—	Wells	—
Hemingstone	1,449	249	63	—	—	Wells	—
Henley	1,235	243	56	—	—	Wells	—
Little Blakenham	1,070	170	38	—	—	Wells	—
Little Stonham	1,202	326	81	—	—	Ponds	—
Mickfield	1,274	216	49	—	—	Wells	—
Needham Market	451	1,313	337	—	—	Wells	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Suffolk, East—cont.</b>							
<b>Bosmere and Claydon R.D.</b>							
Nettlestead - - -	991	86	16	—	—	Wells - - -	See p. 520.
Offton - - -	1,568	270	64	—	—	Ponds - - -	
Pettaugh - - -	807	186	49	—	—	Wells - - -	
Ringshall - - -	2,135	259	68	—	—	Ponds and wells	
Somersham - - -	1,095	340	91	—	—	Wells - - -	
Stonham Aspell - -	2,474	591	153	—	—	Ponds and wells	
Swilland - - -	956	184	51	—	—	Wells - - -	
Whitton - - -	496	133	40	—	—	Ponds and wells	
Willisham - - -	940	141	44	—	—	Wells - - -	Generally not good, but adequate.
Winston - - -	1,509	208	48	—	—	Ponds and wells	
<b>East Stow R.D.</b>							
Buxhall - - -	2,560	405	105	—	—	Wells & ponds	Generally not good, but adequate.
Combs - - -	2,822	1,226	284	—	—	Wells - - -	
Creething St. Peter -	1,358	206	51	—	—	Ponds - - -	Generally not good, but adequate.
Gipping - - -	1,159	79	15	—	—	Wells & ponds	
Great Finborough -	1,695	402	102	—	—	Wells - - -	Generally not good, but adequate.
Harleston - - -	612	58	13	—	—	Ponds - - -	
Haughley - - -	2,566	828	214	—	—	Wells & ponds	Generally not good, but adequate.
Little Finborough -	322	39	8	—	—	Wells - - -	
Old Newton - - -	2,372	644	158	—	—	Ponds - - -	Generally not good, but adequate.
Onehouse - - -	926	366	57	—	—	Wells & ponds	
Shelland - - -	551	100	20	—	—	Wells - - -	Generally not good, but adequate.
Stowupland - - -	2,848	1,439	337	94	Messrs. Greene, King, & Sons, Ltd.	Ponds and wells	
Wetherden - - -	1,856	431	110	—	—	Wells - - -	Generally not good, but adequate.
<b>Hartismere R.D.</b>							
Aspell - - -	843	133	28	—	—	Wells & ponds	Generally not good, but adequate.
Bacton - - -	2,290	590	138	—	—	Wells - - -	
Botesdale - - -	1,269	415	109	—	—	Ponds - - -	Generally not good, but adequate.
Braiseworth - - -	730	123	24	—	—	Wells & ponds	
Brome - - -	908	228	61	—	—	Wells - - -	Generally not good, but adequate.
Burgate - - -	2,067	235	59	—	—	Ponds - - -	
Cetton - - -	2,008	389	102	—	—	Wells & ponds	Generally not good, but adequate.
Finningham - - -	1,257	355	85	—	—	Wells - - -	
Gislingham - - -	2,271	451	109	—	—	Ponds - - -	Generally not good, but adequate.
Mellis - - -	1,365	463	108	—	—	Wells & ponds	
Mendlesham - - -	3,960	927	227	—	—	Wells - - -	Generally not good, but adequate.
Oakley - - -	1,304	236	57	—	—	Ponds - - -	
Occold - - -	1,508	436	107	—	—	Wells & ponds	Generally not good, but adequate.
Palgrave - - -	1,504	709	174	—	—	Wells - - -	
Redgrave - - -	2,123	492	126	—	—	Ponds - - -	Generally not good, but adequate.
Redlingfield - - -	1,050	167	37	—	—	Wells & ponds	
Rickingham Superior	1,414	448	118	—	—	Wells - - -	Generally not good, but adequate.
Rishangles - - -	721	163	36	—	—	Ponds - - -	
Stoke Ash - - -	1,215	248	55	—	—	Wells & ponds	Generally not good, but adequate.
Stuston - - -	802	179	44	—	—	Wells - - -	
Thorndon - - -	2,723	572	119	—	—	Ponds - - -	Generally not good, but adequate.
Thornham Magna -	1,368	208	49	—	—	Wells & ponds	
Thornham Parva -	685	97	26	—	—	Wells - - -	Generally not good, but adequate.
Thrandeston - - -	1,386	293	63	—	—	Ponds - - -	
Thwaite - - -	833	105	24	—	—	Wells & ponds	Generally not good, but adequate.
Westhorpe - - -	1,337	197	40	—	—	Wells - - -	
Wetheringsett cum Brockford	3,812	822	193	—	—	Ponds - - -	Generally not good, but adequate.
Wickham Skeith -	1,782	404	95	—	—	Wells & ponds	
Wortham - - -	2,740	830	175	—	—	Wells - - -	Generally not good, but adequate.
Wyverstone - - -	1,558	221	58	—	—	Ponds - - -	
Yaxley - - -	1,257	349	96	—	—	Wells & ponds	Generally not good, but adequate.
<b>Hoxne R.D.</b>							
Athelington - - -	494	77	14	—	—	Ponds and rain-water.	Very variable.
Badingham - - -	3,209	584	99	—	—	Ponds, wells, & rain-water.	
Bedfield - - -	1,270	318	63	—	—	Ponds and rain-water.	Very variable.
Bedingfield - - -	1,805	294	47	—	—	Ponds, rain-water, and wells.	
Bronfish - - -	2,126	313	55	—	—	Ponds and rain-water.	Very variable.
Denham - - -	1,282	214	40	—	—	Ponds, rain-water, and wells.	
Dennington - - -	3,267	695	114	—	—	Ponds and rain-water.	Very variable.
Fressingfield - - -	4,618	952	175	—	—	Ponds, rain-water, and wells.	
Horham - - -	1,456	290	49	—	—	Ponds and rain-water.	Very variable.
Hoxne - - -	4,056	877	158	—	—	Ponds, rain-water, and wells.	
Laxfield - - -	3,719	813	137	—	—	Ponds and rain-water.	Very variable.
Mendham - - -	2,905	484	88	—	—	Ponds, rain-water, and wells.	
Metfield - - -	2,338	434	89	—	—	Ponds and rain-water.	Very variable.
Monk Soham - - -	1,619	247	51	—	—	Ponds, rain-water, and wells.	
Saxtead - - -	1,209	292	53	—	—	Ponds and rain-water.	Very variable.
Southolt - - -	821	125	26	—	—	Ponds, rain-water, and wells.	
Stradbroke - - -	3,796	1,012	216	—	—	Ponds and rain-water.	Very variable.
Syleham - - -	1,615	262	47	—	—	Ponds, rain-water, and wells.	
Tannington - - -	1,638	175	32	—	—	Ponds and rain-water.	Very variable.
Weybread - - -	2,501	565	109	—	—	Ponds, rain-water, and wells.	
Wilby - - -	2,130	343	73	—	—	Ponds and rain-water.	Very variable.
Wingfield - - -	2,495	467	85	—	—	Ponds, rain-water, and wells.	
Worlingworth - - -	2,473	575	99	—	—	Ponds and rain-water.	Very variable.
						Ponds, rain-water, and wells.	



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
Suffolk, East—cont.							
Mutford and Loth- ingland R.D.:							
Ashby - - -	1,105	107	23	2	Lowestoft Water and Gas Co.	Wells - - -	Unsatisfactory but adequate.
Barnby - - -	1,093	309	85	—	—	Wells, springs and stream.	
Belton - - -	2,030	850	214	8	{ Lowestoft Water and Gas Co.	Wells - - -	
Blundeston - -	1,583	694	176	38		Wells - - -	
Bradwell - - -	2,339	598	146	—	—	Wells and filtered dyke water.	
Burgh Castle -	1,492	529	131	—	—	Wells and rain- water.	
Carlton Colville -	2,105	644	181	—	—	Wells & springs	
Corton - - -	1,144	546	139	54	{ R. J. Colman, Esq. - - - { Lowestoft Water and Gas Co.	Wells - - -	
Flixton - - -	604	75	15	—	—	Wells - - -	
Fritton - - -	1,473	227	61	—	—	Wells - - -	
Gisleham - - -	1,341	375	77	—	—	Wells and pond	
Gunton - - -	629	65	12	5	Lowestoft Water and Gas Co.	Wells - - -	
Herringfleet - -	1,303	282	66	—	—	Wells and rain- water.	
Hopton - - -	1,291	304	77	16	Lowestoft Water and Gas Co.	Wells - - -	
Kessingland - -	1,692	1,845	489	—	—	Wells - - -	
Lound - - -	1,263	348	88	31	Lowestoft Water and Gas Co.	Wells - - -	
Mutford - - -	1,597	403	102	—	—	Wells - - -	
Oulton - - -	1,304	698	105	62	{ Lowestoft Water and Gas Co.	Wells - - -	
Pakefield - - -	651	1,599	412	352		Wells - - -	
Rushmere - - -	761	160	28	—	—	Wells - - -	
Somerleyton - -	1,371	526	132	3	Lowestoft Water and Gas Co.	Wells - - -	
Plomesgate R.D.:							
Benhall - - -	2,165	603	148	—	—	Wells and ponds	Good.
Blaxhall - - -	2,018	505	123	—	—	Wells - - -	Very good and sufficient.
Brandeston - -	1,246	313	88	—	—	Wells and ponds	Wells, good; ponds, fair; good; sufficient.
Bruisyard - - -	1,138	243	55	—	—	Do. - - -	Fair and plentiful.
Butley - - -	1,981	285	79	—	—	Do. - - -	Very good and plentiful.
Campsey Ash - -	1,825	341	89	—	—	Do. - - -	Wells, very good; ponds, fair; plentiful.
Chillesford - -	1,855	228	54	—	—	Wells & stream -	Wells, very good; stream, fair; plentiful.
Cransford - - -	1,202	204	49	—	—	Wells and ponds	Wells fair; ponds good; fairly sufficient.
Cretingham - -	1,649	238	70	—	—	{ Do. - - -	Good.
Earl Soham - -	1,977	583	158	—	—	{ Do. - - -	Wells, very good; ponds fair; plentiful.
Easton - - -	1,484	415	92	—	—	Do. - - -	Very good.
Eyke - - -	2,784	372	93	—	—	Wells - - -	Very good and sufficient.
Farnham - - -	1,199	147	46	—	—	Do. - - -	Wells, very good; ponds, fairly good; sufficient.
Framlingham - -	4,688	2,400	579	—	—	Wells and ponds	Wells, good; ponds, fairly good; sufficient.
Friston - - -	1,737	478	119	—	—	Wells - - -	Very good and sufficient.
Gedgrave - - -	1,810	68	14	—	—	Do. - - -	Good.
Great Glemham -	1,918	319	70	—	—	Wells and ponds	Good.
Hacheston - - -	1,779	463	109	—	—	Wells - - -	Variable.
Havergate Island -	268	3	1	—	—	Rain-water - -	Good.
Hazlewood - - -	1,739	126	25	—	—	Wells - - -	Wells, good; ponds, fairly good; fairly sufficient.
Hoo - - -	1,217	170	36	—	—	Wells and ponds	Very good.
Iken - - -	2,668	278	73	—	—	Wells - - -	Wells, good; ponds, fair; moderate.
Kenton - - -	1,229	209	53	—	—	Wells, ponds and stream.	Wells, good; ponds, fairly good; sufficient.
Kettleburgh - -	1,446	259	69	—	—	Wells and ponds	Do. - - -
Letheringham - -	1,153	182	48	—	—	Do. - - -	Wells, good; ponds, fair.
Little Glemham -	1,285	249	66	—	—	Do. - - -	Good and plentiful.
Marlesford - - -	1,301	388	103	—	—	Wells and river -	Wells, good; river, fair; plentiful.
Monewden - - -	1,101	158	38	—	—	Wells and ponds	Wells, good; ponds fair; fairly sufficient.
Orford - - -	2,703	842	331	—	—	Wells - - -	Good.
Parham - - -	2,215	338	89	—	—	Wells and ponds	Wells, good; ponds, fair; sufficient.
Stendham - - -	1,736	307	75	—	—	Wells, ponds and river.	Wells, good; ponds and river, fair; sufficient.
Rendlesham - -	2,036	288	71	—	—	Wells and pond -	Wells, very good; pond, fair; sufficient.
Snappe - - -	1,984	576	135	—	—	Wells - - -	Very good.
Sternfield - - -	1,108	213	50	—	—	Do. - - -	Fairly good and sufficient.
Stratford Andrew.	800	165	45	—	—	Wells and ponds	Wells, very good; ponds, fair; sufficient.
Sudbourne - - -	4,878	474	115	—	—	Wells - - -	Very good.
Sweffling - - -	1,136	258	68	—	—	Wells and pond	Wells, fairly good; pond, fair; sufficient.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Suffolk, East—cont.</b>							
<b>Plomesgate R.D.—</b>							
<i>cont.</i>							
Tunstall - -	2,852	591	155	—	—	Wells - -	Good. Wells, good ; ponds, fair.
Wantisden - -	2,133	88	22	—	—	Wells and stream	
Wickham Market -	1,186	1,343	227	—	—	Wells and ponds	
<b>Samford R.D. :</b>							
Belstead - -	1,018	254	68	—	—	Wells - -	Good, except in part of Brantham (Cattawade).
Bentley - -	2,875	428	94	—	—		
Brantham - -	1,882	989	211	—	—		
Burstall - -	768	237	56	—	—		
Capel St. Mary -	1,917	516	126	—	—		
Chattisham - -	724	123	37	—	—		
Chelmondiston -	1,277	727	200	—	—		
Copdock - -	965	298	78	—	—		
East Bergholt -	3,140	1,512	361	—	—		
Erwarton - -	1,309	203	50	—	—		
Freston - -	1,460	255	57	—	—	Wells - -	Doubtful.
Great Wenham -	1,133	186	51	—	—		
Harkstead - -	1,740	389	93	—	—		
Higham - -	900	169	41	—	—		
Hintlesham - -	2,804	561	129	—	—		
Holbrook - -	2,054	741	186	—	—		
Holton St. Mary -	848	173	45	—	—		
Little Wenham -	940	68	13	—	—		
Raydon - -	2,374	492	124	—	—		
Shelly - -	916	102	24	—	—		
Shotley - -	2,047	2,243	203	—	—	Do. - -	Doubtful.
Sproughton - -	2,181	680	154	—	—	Wells and springs	Good.
Stratford St. Mary	1,503	472	131	—	—		
Stutton - -	2,301	526	142	—	—		
Tattingstone - -	1,671	598	116	—	—		
Washbrook - -	1,501	291	74	—	—		
Wherstead - -	2,139	315	63	—	—		
Woolverstone - -	960	320	74	—	—		
<b>Wangford R.D. :</b>							
Barsham - -	1,723	260	72	—	—	(a) Ponds, (b) wells, (c) streams and springs, (d) rainwater.	(a) Indifferent and in- adequate, (b) satisfactory, (c) inadequate, (d) fair.
Ellough - -	1,109	134	29	—	—	(a) Ponds, (b) wells and rainwater, (c) streams.	(a) Bad and inadequate, (b) fair, (c) satisfactory.
Flixton - -	1,774	161	40	—	—	(a) Wells, (b) ponds and streams.	(a) Fair, (b) bad and inadequate.
Homersfield or South Elmham St. Mary.	1,005	144	36	—	—	(a) Wells, (b) streams and ponds, (c) rain-water.	(a) Satisfactory, (b) inadequate, (c) good.
Ilketshall St. Andrew.	1,718	419	116	—	—	(a) Ponds, (b) wells and streams, (c) rain-water, (d) ditches.	(a) Bad and inadequate, (b) inadequate, (c) fair, (d) indifferent.
Ilketshall St. John	755	77	17	—	—	Ponds and wells	Indifferent & inadequate.
Ilketshall St. Law- rence.	1,180	248	52	—	—	Do.	Do. do.
Ilketshall St. Mar- garet.	2,097	232	60	—	—	Ponds, wells and ditches.	Do. do.
Mettingham - -	1,392	313	77	—	—	(a) Wells, (b) ponds, (c) rain-water.	(a) Good, (b) indifferent and in- adequate, (c) fair.
North Cove - -	1,242	239	57	—	—	Wells, streams and pond.	Indifferent & inadequate.
Redisham - -	737	132	35	—	—	Ponds - -	Bad and inadequate.
Ringsfield - -	1,832	312	74	—	—	(a) Ponds and streams, (b) wells, (c) rain-water.	(a) Inadequate, (b) some indifferent, (c) fair.
Shadingfield - -	1,403	154	38	—	—	(a) Ponds, (b) wells, (c) rain-water.	(a) Indifferent and in- adequate, (b) good, (c) fair.
Shipmeadow - -	822	263	35	—	—	(a) Wells and springs, (b) ponds, (c) rain-water.	(a) Good, (b) indifferent and in- adequate, (c) fair.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Suffolk, East—cont.</b>							
<b>Wangford R.D.— cont.</b>							
Sotterley - - -	1,597	238	59	—	—	(a) Wells and rain-water, (b) ponds.	(a) Fair, (b) bad.
South Elmham, All Saints and St. Nicholas.	1,641	186	54	—	—	(a) Ponds and streams, (b) well.	(a) Indifferent and in- adequate, (b) fair.
South Elmham St. Cross.	1,310	199	47	—	—	(a) Ponds, (b) wells and streams, (c) rain-water.	(a) Bad and inadequate, (b) inadequate, (c) fair.
South Elmham St. James.	1,315	227	53	—	—	Ponds and wells.	Bad and inadequate.
South Elmham St. Margaret.	595	115	26	—	—	(a) Ponds and streams, (b) wells.	(a) Indifferent and in- adequate, (b) fair.
South Elmham St. Michael.	827	112	30	—	—	Ponds - - -	Indifferent and in- adequate.
South Elmham St. Peter.	570	83	17	—	—	(a) Ponds and streams, (b) rain water and well.	(a) Indifferent and in- adequate, (b) fair.
Weston - - -	1,567	216	52	—	—	(a) Ponds, (b) wells, (a) Ponds, (b) wells and rain-water.	(a) Bad, (b) fair, (a) Indifferent and in- adequate, (b) fair.
Willingham - - -	1,027	138	34	—	—	(a) Wells and rain-water, (b) ponds and ditch.	(a) Fair, (b) indifferent and in- adequate.
Worlingham - - -	1,672	218	53	—	—	Wells - - -	Good and ample.
<b>Woodbridge R.D. :</b>							
Alderton - - -	2,574	425	137	—	—	Wells and ponds	
Alnesbourn Priory	926	61	10	—	—	Wells - - -	Good and ample.
Bawdsey - - -	1,601	457	150	—	—	Wells and ponds	
Boulge - - -	545	103	16	—	—	Wells - - -	
Boyton - - -	1,533	212	77	—	—	Wells and ponds	
Bredfield - - -	1,107	353	98	—	—	Wells - - -	
Brightwell - - -	1,114	82	15	—	—	Wells and ponds	
Bromeswell - - -	1,788	214	56	—	—	Wells - - -	
Bucklesham - - -	1,826	264	73	—	—	Wells and ponds	
Burgh - - -	1,242	212	58	—	—	Wells - - -	
Capel St. Andrew	2,330	160	42	—	—	Wells and ponds	
Charsfield - - -	1,358	397	117	—	—	Wells - - -	
Clopton - - -	2,098	325	78	—	—	Ponds - - -	
Culpho - - -	726	87	17	—	—	Wells and ponds	
Dallinghoo - - -	1,536	271	71	—	—	Wells and ponds	
Dallinghoo Wield	38	—	—	—	—	Wells and ponds	
Debach - - -	464	130	32	—	—	Wells and ponds	
Falkenham - - -	1,752	238	61	—	—	Wells - - -	
Foxhall - - -	1,849	177	51	—	—	Wells - - -	
Great Bealings	1,036	302	71	—	—	Wells - - -	
Grundisburgh	1,909	743	186	—	—	Wells - - -	
Hasketon - - -	1,680	468	117	—	—	Wells - - -	
Hemley - - -	744	90	20	—	—	Wells - - -	
Hollesley - - -	3,974	881	136	—	—	Wells - - -	
Kesgrave - - -	867	89	17	—	—	Wells - - -	
Kirton - - -	1,854	500	139	—	—	Wells - - -	
Levington - - -	1,016	157	40	—	—	Wells - - -	
Little Bealings	798	308	65	—	—	Wells - - -	
Martlesham - - -	2,630	442	116	—	—	Wells, spring, & stream.	
Melton - - -	1,417	2,042	250	42	Woodbridge District Water Co.	Wells - - -	Good and ample.
Nacton - - -	1,917	455	102	—	—	Wells - - -	
Newbourn - - -	909	106	36	—	—	Ponds - - -	
Otley - - -	2,168	523	143	—	—	Wells - - -	
Pettistree - - -	1,779	222	63	—	—	Wells - - -	
Playford - - -	1,329	230	59	—	—	Wells - - -	
Purdis Farm - - -	596	22	4	—	—	Wells - - -	
Ramsholt - - -	1,803	150	24	—	—	Wells - - -	
Rushmere St. An- drew.	1,523	463	95	—	—	Wells - - -	
Shottisham - - -	1,134	256	81	—	—	Wells - - -	
Stratton Hall - - -	474	45	7	—	—	Wells - - -	
Sutton - - -	5,433	459	108	—	—	Wells - - -	
Trimley St. Martin	2,534	781	185	8	Felixstowe & Walton Water- works Co.	Wells, spring, and stream.	
Trimley St. Mary	1,543	758	193	77		Wells - - -	
Tuddenham - - -	1,274	362	87	—		Wells - - -	
Ufford - - -	1,163	474	151	—		Wells - - -	
Waldringfield - - -	904	212	57	—		Wells - - -	
Westerfield - - -	466	108	16	—	—	Wells - - -	
Witnesham - - -	2,046	498	131	—	—	Wells - - -	



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1.	2.	3.	4.	5.	6.	7.	8.
<b>SUFFOLK, WEST.</b>							
Bury St. Edmunds B.	2,947	16,785	3,805	3,463	Bury St. Edmunds T.C.	Wells - -	Doubtful, but plentiful.
Glemsford U.D.	2,246	1,499	401	296	Glemsford U.D.C.	Wells, springs and ponds.	Generally good, but liable to pollution; usually adequate.
Hadleigh U.D.	4,317	3,200	760	—	—	Wells - -	Good and adequate.
Haverhill U.D.	2,530	4,748	1,078	903	Haverhill U.D.C.	Wells and ponds	Wells generally fair, ponds moderate.
Newmarket U.D.	5,651	10,482	2,268	1,918	Newmarket Waterworks Co., Ltd.	Wells - -	Good.
Sudbury B.	1,925	7,141	1,773	1,726	Sudbury T.C.	Wells & springs	Satisfactory.
<b>Brandon R.D. :</b>							
Barnham - -	5,291	422	102	—	—	Wells - -	Good and adequate.
Barningham - -	1,620	412	106	—	—		
Brandon - -	6,783	2,409	570	451	Brandon R.D.C.		
Coney Weston - -	1,351	233	50	—	—		
Euston - -	5,410	257	74	—	—		
Fakenham - -	1,854	162	44	—	—		
Hepworth - -	1,693	416	114	—	—		
Honington - -	1,201	221	66	—	—		
Hopton - -	1,397	506	130	—	—		
Knettishall - -	1,059	58	18	—	—		
Market Weston - -	979	193	61	—	—		
Santon Downham - -	3,921	103	24	—	—		
Sapiston - -	1,282	197	50	—	—		
Thelmetham - -	1,919	272	84	—	—		
<b>Clare R.D. :</b>							
Barnardiston - -	1,123	130	33	—	—	Wells - -	Satisfactory.
Clare - -	2,285	1,483	400	294	Clare R.D.C.	Wells and ponds	Fairly satisfactory.
Cowlinge - -	3,071	524	140	—	—	Wells - -	
Denston - -	1,200	199	50	—	—	Wells and ponds	
Great Bradley - -	2,340	247	62	—	—	Wells - -	
Great Thurlow - -	2,055	317	72	—	—	Wells - -	
Great Wratting - -	1,348	283	76	—	—	Wells, ponds and springs.	
Hundon - -	4,551	727	182	150	Clare R.D.C.	Wells and spring	
Kedlington - -	2,408	935	154	—	—	Wells - -	
Little Bradley - -	972	79	15	—	—	Do. - -	
Little Thurlow - -	1,413	320	80	—	—	Do. - -	
Little Wratting - -	936	192	36	17	Haverhill U.D.C.	Do. - -	
Monks Risbridge - -	129	—	—	—	—	—	
Poslingford - -	2,439	304	69	42	C. E. Cumberledge-Ware, Esq.	Wells - -	
Stansfield - -	2,021	347	77	—	—	Do. - -	
Stoke by Clare - -	2,430	538	150	90	Lord Loch	Wells and springs	
Stradishall - -	1,404	302	75	—	—	Wells - -	
Wickhambrook - -	4,337	951	250	—	—	Do. - -	
Withersfield - -	2,498	575	139	—	—	Wells and ponds	
Wixoe - -	562	114	29	—	—	Wells - -	
<b>Cosford R.D. :</b>							
Aldham - -	1,755	207	51	—	—	Wells and ponds	Well water is generally hard, pond water is preferred; adequate.
Bildeston - -	1,171	729	191	—	—	Wells - -	
Boxford - -	1,325	505	168	—	—	Wells and ponds	
Brent Eleigh - -	1,684	223	61	—	—	Wells and ponds	
Brettenham - -	1,438	339	85	—	—	Wells - -	
Chelsworth - -	877	241	58	—	—	Wells - -	
Cockfield - -	3,626	882	227	—	—	Wells - -	
Edwardstone - -	1,891	415	99	—	—	Wells - -	
Elmsett - -	1,992	395	87	—	—	Wells - -	
Groton - -	1,560	379	97	—	—	Wells - -	
Hadleigh Hamlet - -	427	206	48	—	—	Wells - -	
Hitcham - -	4,308	835	213	90	Cosford R.D.C.	Wells and stream	
Kersey - -	1,511	496	125	—	—	Wells and ponds	
Kettlebaston - -	1,041	138	36	—	—	Wells - -	
Lavenham - -	2,898	1,963	492	—	—	Wells - -	
Layham - -	2,531	448	128	—	—	Wells and ponds	
Lindsey - -	1,230	215	55	—	—	Wells - -	
Milden - -	1,343	162	39	—	—	Wells and ponds	
Monks Eleigh - -	2,099	600	148	—	—	Wells - -	
Naughton - -	980	117	32	—	—	Wells and ponds	
Nedging - -	856	183	46	—	—	Wells - -	
Polstead - -	3,414	679	183	—	—	Wells and ponds	
Preston - -	2,006	309	78	—	—	Wells - -	
Semer - -	1,242	290	40	—	—	Wells - -	
Thorpe Morieux - -	2,497	387	91	—	—	Wells and ponds	
Wattisham - -	1,272	151	44	—	—	Wells - -	
Whatfield - -	1,599	314	75	—	—	Wells - -	



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Pipe Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Suffolk, West—cont.</b>							
<b>Melford R.D.:</b>							
Acton - - -	2,885	541	120	—	—	Wells - - -	Pure and adequate.
Alpheton - - -	1,222	229	57	—	—	Wells and ponds - - -	
Assington - - -	3,041	507	124	—	—	Wells - - -	
Boxted - - -	1,582	201	51	—	—	Wells & R. Glem - - -	
Bures St. Mary - - -	2,574	805	199	—	—	Wells and springs - - -	Doubtful.
Cavendish - - -	3,346	873	228	—	—		
Chilton - - -	1,006	255	56	—	—		
Great Cornard - - -	1,673	971	267	—	—		
Great Waldingfield - - -	2,303	467	115	—	—		
Hartest - - -	1,986	532	136	—	—		
Hawkedon - - -	1,480	230	48	—	—		
Lawshall - - -	2,930	656	154	—	—		
Little Cornard - - -	1,748	271	81	—	—		
Little Waldingfield - - -	1,630	280	75	—	—	Wells - - -	Pure and adequate.
Long Melford - - -	5,315	2,878	703	—	—		
Nayland with Wis- sington. - - -	2,586	1,130	253	—	—		
Newton - - -	2,198	345	91	—	—		
Shimpling - - -	2,702	390	96	—	—		
Somerton - - -	1,015	85	29	—	—		
Stanstead - - -	1,195	265	64	—	—		
Stoke by Nayland - - -	5,433	880	236	—	—		
<b>Mildenhall R.D.:</b>							
Barton Mills - - -	1,888	475	118	—	—	Wells - - -	Good and adequate.
Cavenham - - -	2,352	159	46	—	—		
Elveden - - -	5,508	463	117	—	—	Wells and stream - - -	
Eriswell - - -	6,658	328	93	—	—		
Freckenham - - -	2,610	320	88	—	—		
Herringswell - - -	2,242	168	45	—	—		
Icklingham - - -	6,762	328	94	—	—		
Kentford - - -	800	205	50	—	—	Wells - - -	
Lakenheath - - -	11,331	1,613	386	—	—		
Mildenhall - - -	16,767	3,645	832	—	—	Wells and stream - - -	Doubtful.
Tuddenham - - -	2,664	318	76	—	—		
Wangford - - -	3,285	34	8	—	—	Wells - - -	Good and adequate.
Worlington - - -	2,003	255	73	—	—		
<b>Moulton R.D.:</b>							
Dalham - - -	2,098	405	98	—	—	Wells - - -	Fairly satisfactory.
Gazeley - - -	3,201	444	100	—	—		
Higham - - -	2,717	325	76	—	—		
Lidgate - - -	2,034	340	78	—	—		
Moulton - - -	3,169	515	128	—	—		
Ousden - - -	1,382	226	60	—	—	Wells and ponds - - -	Not very satisfactory.
<b>Thedwastre R.D.:</b>							
Badwell Ash - - -	1,858	367	101	—	—	Wells & ponds - - -	
Beyton - - -	644	354	85	—	—		
Drinkstone - - -	2,196	433	116	—	—		
Elmswell - - -	2,089	853	220	—	—		
Felsham - - -	1,654	355	89	—	—		
Goddington - - -	494	130	28	—	—		
Great Ashfield - - -	1,548	358	88	—	—	Wells, springs and ponds - - -	
Hessett - - -	1,604	382	92	—	—		
Hinderclay - - -	1,488	225	61	—	—		
Hunston - - -	960	111	30	—	—		
Langham - - -	970	163	41	—	—		
Norton - - -	2,460	748	191	—	—		
Rattlesden - - -	3,299	877	223	—	—		
Rickingham Inferior - - -	1,981	331	78	—	—	Wells & ponds - - -	Variable.
Stowlangtoft - - -	1,478	163	44	—	—		
Thurston - - -	2,223	628	159	—	—		
Tostock - - -	952	321	77	—	—		
Walsham le Willows - - -	2,817	1,015	258	—	—		
Wattisfield - - -	1,530	424	117	—	—		
Woolpit - - -	1,881	780	225	—	—		
<b>Thingoe R.D.:</b>							
Ampton - - -	736	130	32	—	—	Wells - - -	Good and adequate.
Bardwell - - -	3,183	645	167	—	—	Do. - - -	Satisfactory.
Barrow - - -	2,677	950	211	—	—	Do. - - -	Good & usually adequate.
Bradfield Combust - - -	823	123	30	—	—	Do. - - -	Good and adequate.
Bradfield St. Clare - - -	1,427	178	44	—	—	(a) Wells, (b) ponds - - -	(a) Good, (b) doubtful in summer.
Bradfield St. George - - -	1,968	407	96	—	—	Do. do. - - -	(a) Good and adequate, (b) bad in summer.
Brockley - - -	1,538	235	60	—	—	Do. do. - - -	(a) Very hard and scarce in dry weather, (b) bad in summer.
Chedburgh - - -	571	191	51	—	—	Wells - - -	Good and adequate.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Suffolk, West—cont.</b>							
<b>Thingoe R.D.— cont.</b>							
Chevington - - -	2,445	471	112	—	Earl Cadogan - - -	Wells - - -	Fair.
Culford - - -	2,229	325	70	33		Do. - - -	Do.
Denham - - -	1,310	159	40	—		Do. - - -	Good.
Depden - - -	1,596	197	50	—	—	{ (a) Wells, (b) ponds and stream.	{ (a) Good, (b) doubtful; adequate.
Flempton - - -	947	174	35	—	—	Wells - - -	Fair, but variable.
Fornham All Saints	1,705	377	79	—	—	Do. - - -	Fair.
Fornham St. Gene- veve.	688	58	18	—	—	{ (a) Wells, (b) stream.	{ (a) Good, (b) doubtful.
Fornham St. Martin	1,294	278	65	—	—	Wells - - -	Good.
Great Barton - -	3,764	718	170	—	—	Do. - - -	Doubtful.
Great Livermere -	1,555	204	61	—	—	{ (a) Wells, (b) springs, (c) ponds.	{ (a) Good, (b) fair, (c) bad in dry weather.
Great Saxham - -	1,450	219	46	—	—	{ (a) Wells, (b) springs.	{ (a) Satisfactory, (b) fair.
Great Welnetham -	1,495	366	94	—	—	Wells - - -	Good.
Hardwick - - -	114	19	6	—	—	{ (a) Wells, (b) springs.	{ (a) Good and moderate, (b) fair and adequate, (c) poor during summer
Hargrave - - -	1,781	304	84	12	Various property owners	{ (a) Wells, (b) springs, (c) ponds, (d) stream.	{ (d) doubtful. (a) Fair, (b) good; ade- quate.
Hawstead - - -	2,304	292	82	—	—	Wells - - -	Satisfactory.
Hengrave - - -	897	190	49	—	—	{ (a) Wells, (b) ponds.	{ (a) Good, (b) doubtful during dry weather.
Horningsheath -	2,212	552	129	—	—	Wells - - -	Good.
Ickworth - - -	1,258	100	19	—	—	Do. - - -	Fairly satisfactory.
Ingham - - -	1,830	237	56	—	—	Do. - - -	Good.
Ixworth - - -	2,304	893	222	—	—	Do. - - -	Good.
Ixworth Thorpe -	1,065	128	25	—	—	Do. - - -	Fair.
Lackford - - -	2,338	171	37	—	—	Do. - - -	Satisfactory.
Little Livermere -	1,437	170	31	—	—	Do. - - -	Good.
Little Saxham - -	1,320	167	36	—	—	Do. - - -	Satisfactory.
Little Welnetham -	599	118	36	—	—	Do. - - -	Good.
Nowton - - -	1,165	194	49	—	—	Do. - - -	Satisfactory.
Pakenham - - -	3,711	860	207	—	—	{ (a) Wells, (b) springs, (c) streams.	{ (a) Fairly satisfactory, (b) good and adequate, (c) doubtful, but adequate.
Rede - - -	1,239	191	39	—	—	Wells - - -	Fair.
Risby - - -	2,818	335	88	13	John Wood, Esq., M.P. -	Do. - - -	Good.
Rougham - - -	3,977	742	192	—	—	Do. - - -	Satisfactory.
Rushbrooke - - -	1,063	129	32	—	—	{ (a) Wells, (b) pond.	{ (a) Good and generally sufficient, (b) fair.
Stanningfield - -	1,469	254	61	—	—	Do. do.	(a) Fair, (b) liable to pol- lution: doubtful.
Stanton - - -	3,319	787	190	—	—	Wells - - -	Good and sufficient.
Timworth - - -	1,375	160	38	—	—	Do. - - -	Fair.
Troston - - -	1,779	205	54	—	—	Do. - - -	Satisfactory.
Westley - - -	1,240	143	33	—	—	Wells and springs	Good.
West Stow - - -	2,941	223	43	—	—	{ (a) Wells, (b) springs.	{ (a) Good and adequate, (b) doubtful.
Whepstead - - -	2,732	430	111	—	—	Wells - - -	Good.
Wordwell - - -	2,310	40	10	—	—		
<b>SURREY.</b>							
Barnes U.D. - - -	2,518	30,377	5,756	5,756	Metropolitan Water Board -	—	—
Carshalton U.D. -	2,926	11,634	2,247	2,232	{ Sutton District Water Co. - Metropolitan Water Board -	{ Wells - - -	Satisfactory.
Caterham U.D. - -	2,438	10,841	1,572	1,572	East Surrey Water Co. - -	—	—
Chertsey U.D. - -	10,777	13,816	2,886	2,716	West Surrey Water Co. - -	Wells - - -	Fair, but liable to act upon lead.
Croydon C.B. - - -	9,012	169,551	34,363	34,363	Croydon T.C. & Metropolitan Water Board (bulk).	—	—
Dorking U.D. - - -	1,339	7,848	1,749	1,742	Dorking Water Co. - - -	Wells - - -	Satisfactory and sufficient
East and West Molesey U.D.	1,518	6,492	1,360	1,360	Metropolitan Water Board -	—	—
Egham U.D. - - -	7,786	12,551	2,688	1,388	{ S.W. Suburban Water Co. - Commissioners of H.M. Works &c.	{ Wells - - -	Generally satisfactory.



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Surrey—cont.							
Epsom U.D. - -	4,424	19,156	2,517	2,472	Epsom U.D.C. - - -	{ Wells - - - Rain-water - - -	Good. Indifferent.
Esher and the Dittons U.D.	5,978	12,518	2,753	2,728	Metropolitan Water Board and Leatherhead & D. Waterwks Co.	Wells - - -	Fairly good.
Farnham U.D. - -	1,114	7,365	1,602	1,600	Farnham Water Co. Ltd. and Wey Valley Water Co.	Do. - - -	Fair.
Frimley U.D. - -	7,674	13,673	2,147	1,994	Frimley and Farnborough District Water Co.	Do. - - -	Satisfactory and adequate
Godalming B. - -	812	8,846	1,889	1,838	Godalming T.C. - - -	(a) Wells, and (b) overflow of Ram.	(a) Good and sufficient, (b) Variable, but ade- quate.
Guildford B. - -	2,593	23,820	4,928	4,925	Guildford T.C. (occasional supply from Woking Water &c. Co.).	Springs - - -	Fair and adequate.
Ham U.D. - - -	1,871	1,435	297	284	Metropolitan Water Board - -	Wells - - -	Free from pollution, and adequate.
Haslemere U.D. - -	2,263	3,520	883	637	Haslemere U.D.C. - - -	Do. - - -	Good and sufficient.
Kingston on Thames B.	1,133	37,975	7,356	7,256	Metropolitan Water Board - -	Do. - - -	Fairly satisfactory; suffi- cient.
Leatherhead U.D.	3,508	5,491	1,099	1,057	Leatherhead & District Water works Co.	Do - - -	Satisfactory.
Merton and Mor- den U.D.	3,237	14,140	3,603	3,603	Metropolitan Water Board and Sutton District Water Co.	—	—
Reigate B. - - -	5,994	28,502	5,698	5,558	East Surrey Water Co. - - -	Wells - - -	Reasonably good and sufficient.
Richmond B. - -	2,491	33,221	6,545	6,544	Richmond T.C. and Metro- politan Water Board (bulk).	Well - - -	Good and adequate.
Surbiton U.D. - -	3,046	17,717	3,588	3,588	Metropolitan Water Board - -	—	—
Sutton U.D. - - -	1,836	21,270	3,986	3,986	Sutton District Water Co. - -	—	—
The Maldens and Coombe U.D.	3,220	12,137	2,554	2,554	Metropolitan Water Board - -	—	—
Walton upon Thames U.D.	6,859	12,856	2,665	2,650	West Surrey Water Co. - - -	Wells - - -	Moderately good and abundant.
Weybridge U.D. - -	1,371	6,286	1,327	1,321	Do. - - -	Do. - - -	Fair and sufficient.
Wimbledon B. - -	3,221	54,966	10,701	10,701	Metropolitan Water Board - -	—	—
Windlesham U.D.	5,692	4,249	954	326	South West Suburban Water Co.; and E. Spooner, Esq.	Wells & springs	Fairly good.
Woking U.D. - -	11,826	24,808	4,491	4,294	Woking Water & Gas Co. - -	Wells - - -	Mostly polluted, but ade- quate.
Chertsey R.D.:							
Bisley - - - - -	922	863	140	16	Woking Water & Gas Co. - -	{ Wells - - -	Liable to pollution, but generally fair except near Chobham.
Byfleet - - - - -	2,075	2,960	670	653	West Surrey Water Co. - -		
Chobham - - - - -	2,579	3,991	680	90	S.W. Suburban Water Co. - -		
Pyrford - - - - -	1,881	979	190	117	Woking Water & Gas Co. - -		
Thorpe - - - - -	1,563	590	110	44	S.W. Suburban Water Co. - -		
Croydon R.D.:							
Addington - - -	3,604	614	139	130	{ Croydon T.C. (part in bulk) Metropolitan Water Board - -	{ Wells - - -	Good and adequate.
Beddington - - -	3,128	9,757	2,258	2,258	Sutton District Water Co. - -	—	—
Coulsdon - - - -	4,314	11,389	1,987	1,981	East Surrey Water Co. - - -	Rain-water - -	Good and adequate.
Mitcham - - - -	2,934	29,606	6,309	6,309	Metropolitan Water Board - -	—	—
Sanderstead - - -	3,151	2,853	688	688	East Surrey Water Co. - - -	—	—
Wallington - - -	821	8,502	2,038	2,038	{ Sutton District Water Co. - -	—	—
Woodmansterne -	1,591	1,210	271	271	—	—	—
Dorking R.D.:							
Abinger - - - - -	7,482	1,573	376	16	Hurtwood Water Co., Ltd. - -	{ Wells & springs	Good.
Capel - - - - -	5,695	1,416	364	199	{ C. Heath, Esq. - - - Dorking Water Co. - - -		
Dorking Rural - -	8,676	3,967	935	850	Do. - - -		
Effingham - - -	3,183	643	136	62	Leatherhead and District Waterworks Co.	Do. - - -	Generally good, a few indifferent.
Mickleham - - -	2,846	782	187	79	Do. do. - - -	Do. - - -	Good.
Newdigate - - -	4,744	904	156	36	East Surrey Water Co. - - -	Do. - - -	Generally good, a few indifferent.
Ockley - - - - -	3,401	747	141	70	Dorking Water Co. - - -	{ Do. - - -	Good.
Wotton - - - - -	3,498	548	150	—	—	—	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Surrey—cont.</b>							
<b>Epsom R.D. :</b>							
Ashted - - -	2,651	2,921	655	644	Leatherhead and District Waterworks Co.	Wells - - -	Good and adequate.
Banstead - - -	5,557	6,731	851	715	Sutton District Water Co. -		
Cheam - - -	1,909	6,200	1,453	1,390	Metropolitan Water Board - Sutton District Water Co. -		
Chessington - -	1,702	583	126	102	Leatherhead, &c., W. Co. (bulk)		
Cobham - - -	5,332	4,763	1,031	905	Metropolitan Water Board - Leatherhead, &c., Water Co. -		
Cuddington - -	1,860	1,194	287	280	Metropolitan Water Board - Sutton District Water Co. -		
Ewell - - -	2,437	3,867	743	682	Metropolitan Water Board - Sutton District Water Co. -		
Fetcham - - -	1,839	409	95	73	Leatherhead, &c., Water Co. -		
Great Bookham -	3,294	1,515	337	262	Do.		
Headley - - -	1,640	419	91	46	East Surrey Water Co. -		
Little Bookham -	929	40	76	68	Leatherhead, &c., Water Co.		
Stoke D'Abernon -	2,038	722	166	151			
<b>Farnham R.D. :</b>							
Ash and Normandy	6,324	4,482	1,140	619	Frimley and Farnborough District Water Co.	Wells and rain- water.	Good and adequate.
Dockenfield - -	578	246	60	28			
Farnham Rural -	9,546	9,265	2,319	1,449	Wey Valley Water Co. -		
Frensham - - -	7,656	3,272	811	603	Wey Valley Water Co. -		
Scale - - -	2,994	1,195	309	205	Aldershot Gas, Water and District Lighting Co.		
Shottermill - -	1,151	1,800	432	272	Wey Valley Water Co. -		
<b>Godstone R.D. :</b>							
Bletchingley - -	5,439	2,314	458	360	East Surrey Water Co. -	Wells - - -	
					East Surrey Water Co.		
Chelsham - - -	3,357	1,244	131	78	Chelsham and Woldingham Waterworks Co., Ltd.	Wells and rain- water.	Satisfactory.
Crowhurst - - -	2,119	223	54	29			
Farleigh - - -	1,051	98	26	20			
Godstone - - -	6,830	2,998	699	609	East Surrey Water Co. -		
Horne - - -	3,932	735	170	65			
Limpsfield - - -	4,673	2,201	491	425	Limpsfield & Oxted Water Co.	Wells - - -	
Lingfield - - -	9,239	4,672	1,089	825	East Surrey Water Co. -		
Oxted - - -	3,659	2,846	702	596	Chelsham &c. Wwks. Co. Ltd.		
Tandridge - - -	3,928	681	169	140	Limpsfield & Oxted Water Co.		
					East Surrey Water Co. -		
Tatsfield - - -	1,304	826	223	100	Metropolitan Water Board - Limpsfield & Oxted Water Co.	Rain-water	Occasionally inadequate.
					Do. do.	Wells and rain- water.	Satisfactory.
Titsey - - -	1,989	196	34	5			
Warlingham - -	1,703	3,782	850	850	Chelsham &c. Wwks. Co. Ltd.		
					East Surrey Water Co. -		
Woldingham - -	684	501	126	115	Chelsham &c. Wwks. Co. Ltd.	Wells - - -	Satisfactory.
					East Surrey Water Co. -		
<b>Guildford R.D. :</b>							
Albury - - -	4,419	1,182	282	121	Duke of Northumberland	Do. - - -	Good, but occasionally in- sufficient.
Artington - - -	2,394	506	112	57	Guildford T.C. - - -	Do. - - -	Fair, and generally suffi- cient.
Compton - - -	1,998	684	152	91	Godalming T.C. - - -	Do. - - -	Generally satisfactory.
East Clandon - -	1,448	314	74	64	Woking Water & Gas Co.	Rain-water	Occasionally imperfectly filtered.
East Horsley - -	1,832	282	79	17	Do.		
Godalming Rural -	6,129	2,316	514	301	Godalming T.C. - - -	Wells - - -	Fair, and generally suffi- cient.
Merrow - - -	1,629	1,389	344	298	Woking Water & Gas Co. -	Do. - - -	Good and sufficient.
Ockham - - -	2,907	577	137	89	Do.	Do. - - -	Unsatisfactory.
Pirbright - - -	4,711	1,613	380	253	Do.	Do. - - -	Generally polluted.
Puttenham - - -	1,950	479	121	93	Wey Valley Water Co. -	Do. - - -	Good.
Send and Ripley -	5,182	2,544	583	497	Woking Water & Gas Co. -	Do. - - -	Generally polluted.
Shere - - -	6,412	2,430	625	355	Hurtwood Water Co., Ltd.	Do. - - -	Generally good.
					Sir R. M. Bray - - -		
Wanborough - -	1,879	277	67	25	G. McKibbin, Esq. - -	Rain-water	Variable.
					Wey Valley Water Co. -		
West Clandon - -	1,006	385	99	93	Woking Water & Gas Co. -	Wells - - -	Good.
West Horsley - -	2,676	878	221	167	Do.	Do. - - -	Fair.
Wisley - - -	1,090	140	31	6	Do.	Do. - - -	Generally polluted.
Worplesdon - -	5,674	2,278	553	443	Do.	Do. - - -	Do.
<b>Hambledon R.D. :</b>							
Alfold - - -	2,986	595	129	—	—	Wells - - -	Good and sufficient
Bramley - - -	4,544	1,969	447	261	Godalming T.C. - - -	Do. - - -	Good and plentiful.
Chiddingfold - -	7,043	2,175	518	5	Chiddingfold & Dist. Water Co.	Do. - - -	Doubtful.
Cranleigh - - -	7,758	3,211	797	520	Cranleigh Water Co. Ltd.	Do. - - -	Good and plentiful.
Dunsfold - - -	4,039	688	193	51	Chiddingfold & Dist. Water Co.		
Elstead - - -	4,106	1,036	268	—	—	Do. - - -	Doubtful.
Ewhurst - - -	5,419	1,115	320	64	Hurtwood Water Co. Ltd.	Do. - - -	Good and plentiful.
Hambledon - - -	2,723	745	134	16	Godalming T.C. - - -		
Hascombe - - -	1,635	393	100	1	Do.	Do. - - -	Good and sufficient.
Peper Harrow - -	1,320	149	37	—	—		
St. Martha (Chil- worth).	1,072	215	47	33	Hambledon R.D.C. - -		
Shalford - - -	2,600	2,687	632	435	Godalming T.C. - - -	Do. - - -	Good and plentiful.
Thursley - - -	4,015	752	186	—	Guildford T.C. - - -		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
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1.	2.	3.	4.	5.	6.	7.	8.
<b>Surrey—cont.</b>							
<b>Hambledon R.D.— cont.</b>							
Witley - - -	7,250	4,003	938	250	Haslemere U.D.C. - - - Godalming T.C. - - - Chiddingfold & Dist. Water Co., Ltd. - - -	Wells - - -	Fair, but insufficient.
Womersley - - -	4,423	2,116	472	194	Hambledon R.D.C. - - - Cranleigh Water Co. - - -	Do. - - -	Good and sufficient.
<b>Reigate R.D. :</b>							
Betchworth - - -	3,743	1,927	425	225	East Surrey Water - - -	Wells - - -	Variable, but sufficient.
Buckland - - -	1,876	503	100	67			
Burstow - - -	4,760	1,760	360	205			
Chaldon - - -	1,644	350	70	55			
Charwood - - -	6,901	1,933	400	270			
Chipstead - - -	2,420	876	180	165			
Gatton - - -	1,232	236	50	23			
Horley - - -	7,982	5,493	1,100	1,022	Sutton District Water Co. - - -	Rain-water - - -	Not very satisfactory, but sufficient.
Kingswood - - -	1,820	913	180	160			
Leigh - - -	3,419	518	126	65	East Surrey Water Co. - - - Do. - - -	Wells - - - Rain-water - - -	Variable, but sufficient. Not very satisfactory, but sufficient.
Merstham - - -	2,663	3,508	530	470			
Nutfield - - -	3,583	1,845	370	300			
Walton on the Hill	2,608	1,333	270	242			
<b>SUSSEX, EAST.</b>							
Battle U.D. - - -	8,252	2,924	675	375	Battle U.D.C. - - -	Wells and springs	Satisfactory and adequate.
Bexhill B. - - -	8,013	15,330	2,771	2,346	Bexhill Water and Gas Co. - - -	(a) Wells - - - (b) R. Ashburn - - - (c) Rain-water - - -	(a) Mostly satisfactory. (b) Satisfactory (filtered). (c) Variable.
Brighton C.B. - - -	2,536	131,237	23,683	23,683	Brighton T.C. - - -	—	—
Burgess Hill U.D. - - -	1,494	5,124	1,177	1,167	Burgess Hill Water Co. - - -	Wells - - -	Fair.
Cuckfield U.D. - - -	862	1,899	396	342	Mid-Sussex Joint Water Board	Do. - - -	Doubtful.
Eastbourne C.B. - - -	6,472	52,542	8,958	8,958	Eastbourne Water Co. - - -	—	—
East Grinstead U.D. - - -	6,503	7,089	1,430	1,330	East Grinstead Gas and Water Co. - - -	Wells - - -	Satisfactory.
Hastings C.B. - - -	4,495	61,145	11,284	11,284	Hastings T.C. - - -	—	—
Haywards Heath U.D. - - -	928	4,851	983	957	Mid-Sussex Joint Water Board	Wells - - -	Good and adequate.
Hove B. - - -	1,521	42,173	7,690	7,690	Brighton T.C. - - -	—	—
Lewes B. - - -	1,042	10,972	2,520	2,490	Lewes Waterworks Co. - - -	Wells - - -	Satisfactory.
Newhaven U.D. - - -	1,172	6,665	1,210	1,201	Newhaven and Seaford Water Co., and L.B. & S.C.R. Co. - - -	Do. - - - Springs - - -	Satisfactory and ample. Satisfactory and sufficient.
Portslade by the Sea U.D. - - -	382	6,454	1,293	1,293	Brighton T.C. - - -	—	—
Rye B. - - -	985	4,229	1,015	1,011	Rye T.C. - - -	Wells and springs	Good and adequate.
Seaford U.D. - - -	3,073	4,787	867	860	Newhaven & Seaford Water Co.	Wells - - -	Satisfactory.
Uckfield U.D. - - -	1,760	3,344	688	688	Uckfield Water Co. - - -	Rain-water - - - —	Fairly satisfactory. —
<b>Battle R.D.:</b>							
Ashburnham - - -	4,079	573	122	—	Hastings T.C. - - -	Wells, springs, ponds, rain- water, and stream.	Good and generally ade- quate.
Brightling - - -	4,901	583	125	—			
Catsfield - - -	3,018	669	176	—			
Crowhurst - - -	2,168	451	116	—			
Dallington - - -	1,941	396	96	—			
Ewhurst - - -	5,846	923	224	—			
Hollington Rural - - -	2,127	505	104	12			
Mountfield - - -	3,928	623	142	—			
Penhurst - - -	1,455	94	20	—			
Sedlescombe - - -	2,061	568	135	—			
Westfield - - -	4,314	961	236	5			
Whatlington - - -	1,259	290	78	—			
<b>Chailly R.D.:</b>							
Barcombe - - -	5,031	1,277	312	151	W. W. Grantham, Esq. - - -	Wells - - -	Good, but not abundant.
Beddingham - - -	2,888	420	99	46	Newhaven and Seaford Water Co. through Admiral Brand.		
Chailly - - -	5,939	1,580	355	—	Burgess Hill Water Co. - - -	—	—
Ditchling - - -	4,265	1,279	316	316			
East Chilmington - - -	1,671	513	79	—	Exors. of the late W.L. Christie Newhaven & Seaford Water Co. thro' Admiral Brand.	—	—
Glynde - - -	1,570	356	80	52			
Hamsey - - -	2,747	526	124	—	—	Wells - - -	Good, but not abundant.
Lewes St. Ann With- out. - - -	1,549	89	22	—			
Lewes St. John Without. - - -	1,180	139	33	—			
Newick - - -	1,977	887	261	—			
Plumpton - - -	2,450	709	172	—			



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<b>Sussex, East—cont.</b>							
<b>Chailey R.D.—cont.</b>							
Ringmer - - -	5,739	1,398	364	65	Exors. of the late W. L. Christie	Wells - - -	Good, but not abundant
South Malling - -	2,341	277	59	—	—		
Without - - -	—	—	—	—	—		
Southover Without -	328	10	2	—	—		
Street - - -	1,281	185	45	—	—		
West Firle - - -	3,429	534	128	5	Exors. of the late Viscount Gage.	Do. - - -	Good
Westmeston - - -	2,436	349	73	31	Burgess Hill Water Co. - -		
Wivelsfield - - -	3,142	2,241	332	101	Mid-Sussex Joint Water Board		
<b>Cuckfield R.D.:</b>							
Albourne - - -	1,763	369	82	30	Burgess Hill Water Co. - -	Do. - - -	Good
Ardingly - - -	3,841	1,332	232	137	Mid-Sussex Jt. Water Board		
Balcombe - - -	4,795	1,221	286	204			
Bolney - - -	3,557	826	196	86	Mid-Sussex Jt. Water Board		
Clayton - - -	2,119	554	120	77	Burgess Hill Water Co. - -		
Cuckfield Rural - -	9,485	1,610	345	190	Mid-Sussex Joint Water Board	Do. - - -	Doubtful.
Horsted Keynes - -	3,829	931	230	—	—		
Hurstpierpoint - -	5,088	3,112	749	639	Burgess Hill Water Co. - -		
Keymer - - -	2,429	1,411	335	308	Burgess Hill Water Co. - -		
Lindfield - - -	5,763	3,125	723	512	Mid-Sussex Jt. Water Board		
Newtimber - - -	1,721	151	42	—	Mid-Sussex Joint Water Board	Do. - - -	Good.
Precombe - - -	2,286	332	69	55	Brighton T.C. (bulk) - - -		
Slaughham - - -	5,482	1,603	369	207	Mid-Sussex Joint Water Board		
Twineham - - -	1,937	276	62	38	Burgess Hill Water Co. (bulk)		
<b>Eastbourne R.D.:</b>							
Aleiston - - -	2,090	190	44	—	—	Do. - - -	Generally fair and ade- quate.
Alfriston - - -	2,445	590	136	—	—		
Berwick - - -	1,104	200	51	—	—		
Eastdean - - -	2,163	277	69	36	Eastbourne Waterworks Co. -		
Folkington - - -	1,343	95	24	—	—		
Friston - - -	1,436	130	33	23	Eastbourne Waterworks Co. -	Wells and rain- water.	Generally fair and ade- quate.
Jevington - - -	2,395	345	78	16	Do. - - -		
Litlington - - -	904	121	22	—	—		
Lullington - - -	1,157	30	6	—	—		
Pevensey - - -	4,397	522	160	89	Eastbourne Waterworks Co. -		
Selmeston - - -	1,598	235	51	—	—	Wells - - -	Generally fair and ade- quate.
Westdean - - -	2,268	125	25	—	—		
Westham - - -	5,031	1,365	335	94	Eastbourne Waterworks Co. -		
Willingdon - - -	2,572	896	194	184	Do. - - -		
Wilmington - - -	1,586	223	60	—	—		
<b>East Grinstead R.D.:</b>							
Forest Row - - -	8,625	3,035	772	128	E. Grinstead Gas & Water Co. -	Wells - - -	Fair.
Hartfield - - -	10,388	1,628	415	50	W. R. Arbuthnot, Esq. - - -		
West Hoathly - - -	5,340	1,522	379	153	Messrs. A. H. & B. A. Clough -		
Withyham - - -	8,126	2,479	624	70	W. R. Arbuthnot, Esq. - - -		
Worth - - -	13,331	4,343	1,592	592	East Surrey Water Co. (bulk)		
<b>Hailsham R.D.:</b>							
Arlington - - -	5,232	616	126	—	—	Wells, spring, & stream.	Fair.
Chalvington - - -	748	122	30	—	—		
Chiddingly - - -	4,481	805	210	—	—		
Hailsham - - -	5,330	4,604	1,133	958	Hailsham Water Co. - - -		
Heathfield - - -	8,032	3,150	765	110	Eastbourne Waterworks Co. -		
Hellingly - - -	6,050	3,182	400	337	Heathfield & Dist. Water Co. -	Wells, springs, and rain- water.	Satisfactory.
Herstmonceux - - -	6,507	1,438	330	—	Hailsham Water Co. - - -		
Hooe - - -	2,473	448	105	—	—		
Laughton - - -	5,177	658	150	—	—		
Ninfield - - -	2,619	795	185	28	Bexhill Water and Gas Co. -		
Ripe - - -	1,901	330	75	—	—	Wells - - -	Very fair.
Warbleton - - -	6,226	1,412	300	—	—		
Wartling - - -	3,287	485	120	—	—		
<b>Hastings R.D.:</b>							
Fatrlight - - -	2,818	420	120	9	Hastings T.C. - - -	Wells - - -	Good and sufficient.
Guestling - - -	3,576	691	209	—	—		
Ore - - -	1,368	379	84	25	Hastings T.C. - - -		
Pett - - -	1,908	278	102	—	—		
<b>Newhaven R.D.:</b>							
Bishopstone - - -	1,785	291	70	70	L.B. & S.C. Rly. Co. - - -	Wells, rain-water, and ponds.	Good.
Denton - - -	810	323	70	70	Newhaven & Seaford Water Co. -		
Falmer - - -	4,393	450	100	13	Newhaven, &c. Water Co. - -		
Hord - - -	2,199	195	40	24	Brighton T.C. - - -		
Kingston near Lewes	1,643	153	35	—	Messrs. J. and H. Robinson -		



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<b>Sussex, East—cont.</b>							
<b>Newhaven R.D.—</b>							
<i>cont.</i>							
Ovingdean	1,630	248	36	36	Brighton T.C.	Wells	Satisfactory
Piddinghoe	2,342	250	50	28	Newhaven & Seaford Water Co.	Do.	Good.
Rodmell	1,936	224	50	—	—	—	—
Rottingdean	3,154	2,100	330	330	Brighton T.C.	Wells	Good.
Southcote	851	51	15	—	—	—	—
South Heighton	930	414	80	80	Newhaven and Seaford Water Co. through Admiral Brand.	—	—
Stanmer	1,341	127	25	25	Brighton T.C. through the Earl of Chichester.	Wells	Good.
Tarring Neville	933	84	16	—	—	—	—
Telscombe	1,180	123	30	30	Brighton T.C. (bulk)	—	—
<b>Rye R.D. :</b>							
Beckley	5,619	917	255	—	—	Wells, springs, & rain-water.	Good.
Brode	4,830	986	255	—	—	Do.	Fair and ample.
Broomhill	2,559	141	30	—	—	Wells and rain-water.	Good, and fairly adequate.
East Guldeford	2,826	167	35	13	Rye T.C.	Springs & rain-water.	Satisfactory, but inadequate.
Icklesham	5,227	1,449	360	200	Rye R.D.C.	—	—
Iden	2,969	454	120	—	Rye T.C. (bulk)	—	—
Northiam	3,584	1,085	272	—	—	Wells, springs, & rain-water.	Good.
Peasmarsh	3,793	676	198	—	—	—	—
Playden	1,295	293	80	21	—	—	—
Rye Foreign	1,468	461	77	14	Rye T.C. (bulk)	—	—
Udimore	2,289	416	98	—	—	—	—
Winchelsea	798	101	25	—	—	Wells and rain-water.	Good and fairly adequate
Thomas the Apostle.	—	—	—	—	—	—	—
<b>Steyping R.D. : East</b>							
Fulking	1,552	188	48	39	Fulking P.C.	(a) Stream, (b) wells.	(a) Good and ample, (b) poor and inadequate.
Hangleton	1,120	106	29	29	—	—	—
Patcham	4,425	1,463	338	337	Brighton T.C.	Well	Good and ample.
Portslade	1,556	427	72	72	—	—	—
Poynings	1,642	264	75	73	Poynings P.C.	Stream and well	Good and ample.
Preston Rural	401	353	37	37	—	—	—
West Blatchington	873	90	23	23	Brighton T.C.	—	—
<b>Ticehurst R.D. :</b>							
Bodiam	1,604	239	64	—	—	Wells and springs	—
Burwash	7,452	2,148	553	132	Heathfield & Dist. Water Co.	Wells, springs, streams, and rain-water.	Good and adequate.
Etchingham	3,894	1,015	249	29	—	—	—
Frant	7,921	1,617	356	15	Tunbridge Wells T.C.	Wells and springs	Good, but insufficient.
Salehurst	6,565	1,932	483	29	Heathfield & Dist. Water Co.	Wells, springs, streams, and rain-water.	Good and adequate.
Ticehurst	8,265	2,853	618	177	—	—	—
Wadhurst	10,214	3,647	847	377	Crowborough Dist. Water Co.	—	—
<b>Uckfield R.D. :</b>							
Buxted	7,167	1,665	382	—	—	—	—
Crowborough	2,597	5,148	1,139	950	Crowborough Dist. Water Co.	—	—
Danehill	2,938	1,131	262	—	—	—	—
East Hoathly	2,622	740	173	—	—	—	—
Fletching	5,985	1,116	263	—	—	—	—
Framfield	6,468	1,596	368	10	Uckfield Water Co.	—	—
Hadlow Down	4,869	1,043	218	—	—	Wells	Good and sufficient.
Isfield	1,894	470	108	—	—	—	—
Little Horsted	2,384	267	57	6	Uckfield Water Co.	—	—
Maresfield	8,132	2,278	507	—	—	—	—
Mayfield	10,591	2,803	578	300	Crowborough Dist. Water Co.	—	—
Rotherfield	12,134	2,870	658	200	Heathfield & Dist. Water Co.	—	—
Waldron	6,244	2,178	505	50	—	—	—
<b>SUSSEX, WEST.</b>							
Arundel B.	2,054	2,842	675	675	Duke of Norfolk	—	—
Bognor U.D.	885	8,142	1,706	1,686	Bognor Water Co.	Wells	Satisfactory and adequate.
Chichester B.	1,538	12,591	2,588	2,388	Chichester T.C.	Do.	Poor, but sufficient.
Horsham U.D.	1,279	11,314	2,545	2,515	Horsham U.D.C.	Do.	Fair & generally sufficient.
Littlehampton U.D.	2,224	8,351	1,806	1,731	Littlehampton U.D.C.	Do.	Variable.



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<b>Sussex, West—cont.</b>							
Shoreham by Sea U.D.	1,695	5,731	1,101	1,018	Brighton T.C.	Wells and rain-water.	Generally satisfactory.
Southwick U.D.	1,006	4,314	967	962	Do.	Wells.	Satisfactory and ample.
Worthing B.	2,637	30,305	6,564	6,516	Worthing T.C.	Do.	Satisfactory and adequate.
<b>East Preston R.D.:</b>							
Angmering	4,558	1,026	236	7	G. Peskett, Esq.		
Burpham	2,725	282	57	45	Duke of Norfolk		
Clapham	1,806	265	51	—			
Climping	2,016	254	55	8	Littlehampton U.D.C.		
Durrington	2,483	820	192	116	Worthing T.C.		
East Preston	470	773	111	—			
Ferring	950	256	62	—			
Ford	474	99	22	—			
Goring by Sea	2,139	671	152	—			
Houghton	1,827	135	38	—		Wells	Good and sufficient.
Kingston	431	62	13	—			
Lyminster	1,436	399	88	50	Duke of Norfolk		
Patching	1,767	245	59	—	Littlehampton U.D.C.		
Poling	790	193	41	10	Duke of Norfolk		
Rustington	953	973	185	43	T. Summers, Esq.		
South Stoke	1,279	121	24	—			
Tortington	1,031	127	28	7	Duke of Norfolk		
Warningcamp	930	152	37	21			
<b>Horsham R.D.:</b>							
Billingshurst	6,863	1,872	480	131	North Sussex Water & Gas Co.		
Cowfold	4,501	1,152	260	—			
Crawley	780	426	110	50	Crawley and District Water Co.		
Horsham Rural	9,807	4,049	650	136	Horsham U.D.C.		
Ifield	4,133	3,995	750	700	Crawley and District Water Co.		
Itchingfield	2,519	568	140	—			
Lower Beeding	10,152	1,182	300	—		Wells	Satisfactory, and fairly adequate.
Nuthurst	3,510	752	200	—			
Rudgwick	6,022	1,246	300	—			
Rusper	3,123	630	160	—			
Shipley	7,778	1,139	250	—			
Slinfold	4,432	1,018	260	—			
Warnham	4,960	1,140	240	—			
West Grinstead	6,754	1,623	350	—			
<b>Midhurst R.D.:</b>							
Bepton	1,910	274	74	—			
Chilthurst	1,200	261	82	—			
Cocking	2,597	469	110	18	Lord Cowdray		
Didding	825	53	13	—			
Easebourne	4,214	1,641	336	268	Midhurst R.D.C.		
East Lavington	1,720	158	43	—	Lord Cowdray		
Elsted	1,840	197	46	—			
Fernhurst	4,950	1,304	347	55	Wey Valley Water Co.		
Grafham	1,714	404	111	—			
Harting	7,946	1,270	333	—			
Heyshott	2,184	353	110	—			
Iping	2,228	415	107	—			
Linch	849	96	22	—			
Linchmere	2,065	924	224	167	J. Grover, Esq.	Wells	Good and adequate.
Lodsworth	2,441	584	151	—	Wey Valley Water Co.		
Lurgashall	4,815	686	163	—			
Midhurst	669	1,894	506	472	Midhurst R.D.C.		
North Ambersham	1,168	169	38	22	Wey Valley Water Co.		
Rogate	5,016	1,083	270	—			
Selham	423	83	16	—			
South Ambersham	1,502	162	37	—			
Stedham	2,493	592	135	—			
Terwick	783	167	41	—			
Tillington	3,816	852	203	26	Lord Leconfield		
Treyford	1,273	117	27	—			
Trotton	3,606	466	100	—			
West Lavington	678	267	69	24	Midhurst R.D.C.		
Woolbeding	1,850	339	61	—			
<b>Petworth R.D.:</b>							
Barlavington	1,199	134	32	—			
Bignor	1,167	112	35	—			
Burton	810	47	13	—			
Bury	3,408	527	139	—			
Coates	347	71	16	—			
Duncton	1,364	249	61	31		Wells, springs, streams, ponds and rain-water.	Good and adequate.
Egdean	741	92	18	4	Lord Leconfield		
Fittleworth	2,362	648	162	10			
Kirdford	12,497	1,470	370	—			
North Chapel	3,923	765	189	—			
Petworth	6,128	2,486	638	424	Petworth R.D.C.		
Stopham	863	158	34	—	Lord Leconfield		
Sutton	2,067	275	61	20	Lord Leconfield		
Wisborough Green	8,878	1,742	438	—			



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<b>Sussex, West—cont.</b>							
<b>Steyning West R.D.:</b>							
Ashurst - - -	2,334	352	70	—	—	Wells - - -	Good and ample.
Botolphs - - -	920	73	16	—	—	Do. - - -	Good.
Bramber - - -	851	213	56	49	Steyning and District Water- works Co., Ltd.	Do. - - -	Bad.
Coombes - - -	1,280	87	11	—	—	Do. - - -	Good.
Edburton - - -	1,094	114	17	—	—	Spring - - -	Good.
Henfield - - -	4,435	1,882	489	439	Steyning & Co. Wwks. Co. (bulk)	Wells - - -	Mostly bad.
Lancing - - -	2,297	2,022	406	348	Brighton T.C.	Wells and rain- water.	Mostly bad.
Old Shoreham - -	1,382	56	7	4	Brighton T.C.	Wells - - -	Good.
Shermanbury - -	1,915	339	79	31	Steyning & Co. Wwks. Co. (bulk)	Do. - - -	Variable.
Sompting - - -	2,927	660	170	—	—	Do. - - -	Bad.
Steyning - - -	3,414	1,729	408	358	Steyning & Co. Wwks. Co., Ltd.	Do. - - -	Good.
Upper Beeding - -	3,975	929	154	116	Do.	Do. - - -	Bad.
Woodmancote - -	2,239	348	64	24	Do. (bulk)	Do. - - -	Good.
<b>Thakeham R.D.:</b>							
Amberley - - -	1,941	541	135	—	—	Wells - - -	Fair.
Ashington - - -	1,012	179	51	—	—	Wells and rain- water.	Fair.
Coldwaltham - -	1,231	384	99	—	—	Wells - - -	Fair.
Findon - - -	4,370	798	202	—	—	Do. - - -	Not altogether satisfac- tory.
Greatham - - -	770	55	15	—	—	Do. - - -	Fair.
Hardham - - -	956	132	25	—	—	Do. - - -	Generally not good.
North Stoke - -	941	106	24	—	—	Do. - - -	Fair.
Parham - - -	1,284	83	20	6	Lord Zouche - - -	Do. - - -	Fair.
Pulborough - - -	6,395	1,969	504	—	—	Do. - - -	Not altogether satisfac- tory.
Rackham - - -	1,001	136	27	4	Lord Zouche - - -	Do. - - -	Fair.
Storrington - - -	3,249	1,186	313	—	—	Do. - - -	Generally not good.
Sullington - - -	2,218	190	42	6	Lord Leconfield - - -	Do. - - -	Fair.
Thakeham - - -	2,941	514	116	—	—	Do. - - -	Fair.
Warminghurst - -	1,105	83	17	—	—	Do. - - -	Fair.
Washington - - -	3,206	797	183	—	—	Do. - - -	Fair.
West Chiltington -	4,065	822	190	—	—	Do. - - -	Fair.
Wiggonholt - - -	849	38	8	—	—	Do. - - -	Fair.
Wiston - - -	3,098	321	73	15	C. Goring, Esq. - - -	Do. - - -	Fair.
<b>Westbourne R.D.:</b>							
Bosham - - -	3,190	1,477	398	159	Chichester T.C. - - -	Wells and mill streams.	Not good, but fairly suffi- cient.
Chikham - - -	1,525	503	146	—	—	Do. do. - -	Fairly good.
Compton - - -	1,864	253	63	41	H. G. Ricketts, Esq. - -	Wells and rain- water.	Fairly good.
East Marden - - -	938	101	24	—	—	Wells and mill streams.	Fairly good and sufficient.
Funtington - - -	3,762	1,107	276	—	—	Wells and rain- water.	Fairly good and sufficient.
North Marden - -	697	10	3	—	—	Do. do. - -	Fairly good.
Racton - - -	1,199	119	32	8	G. C. Whittaker, Esq. - -	Do. do. - -	Fairly good.
Stoughton - - -	5,374	584	140	—	—	Do. do. - -	Fairly good.
Up Marden - - -	2,943	299	75	—	—	Do. do. - -	Fairly good.
*Westbourne - - -	4,503	3,143	840	58	G. Whittaker, Esq. - - -	Wells and mill streams.	Not good.
West Dean - - -	4,803	599	146	54	Boro. of Portsmouth Wwks. Co. Exors. of the late W. James	Wells and rain- water.	Fairly good.
West Thorney - -	1,228	136	35	—	—	Wells - - -	Good and sufficient.
<b>Westhampnett R.D.:</b>							
Aldingbourne - -	3,098	852	206	65	Bognor Water Co. - - -	Wells - - -	Good and adequate.
Appledram - - -	937	149	35	—	—	Do. - - -	Good and adequate.
Barnham - - -	841	299	73	10	Bognor Water Co. - - -	Do. - - -	Good and adequate.
Bersted - - -	1,868	541	124	37	Bognor Water Co. - - -	Do. - - -	Good and adequate.
Binderton - - -	1,337	122	23	—	—	Do. - - -	Good and adequate.
Binsted - - -	1,105	89	25	—	—	Do. - - -	Good and adequate.
Birdham - - -	1,811	391	103	—	—	Do. - - -	Good and adequate.
Boxgrove - - -	3,677	610	167	—	—	Do. - - -	Good and adequate.
Donnington - - -	1,119	222	47	8	Chichester T.C. - - -	Do. - - -	Good and adequate.
Earnley - - -	1,140	107	25	—	—	Do. - - -	Good and adequate.
Eartham - - -	1,539	135	32	18	W. B. M. Bird, Esq. - - -	Do. - - -	Good and adequate.
East Dean - - -	4,654	300	77	2	Duke of Richmond and Gordon	Do. - - -	Good and adequate.
Eastergate - - -	918	606	143	85	Bognor Water Co. - - -	Do. - - -	Good and adequate.
East Wittering - -	1,114	140	35	—	—	Do. - - -	Good and adequate.
Felpham - - -	1,886	920	223	110	Bognor Water Co. - - -	Do. - - -	Good and adequate.
Hunston - - -	1,013	304	66	—	—	Do. - - -	Good and adequate.
Lavant - - -	4,073	736	159	—	—	Do. - - -	Good and adequate.
Madehurst - - -	1,891	187	40	—	—	Do. - - -	Good and adequate.
Merston - - -	718	99	25	—	—	Do. - - -	Good and adequate.
Middleton - - -	374	42	8	—	—	Do. - - -	Good and adequate.
New Fishbourne -	1,299	863	209	156	Chichester T.C. - - -	Do. - - -	Good and adequate.
North Mundham -	2,385	487	113	—	—	Do. - - -	Good and adequate.
Oving - - -	3,213	554	118	20	Chichester T.C. - - -	Do. - - -	Good and adequate.

\* Westbourne.—A supply is about to be provided by Westbourne R.D.C.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Sussex, West—cont.</b>									
<b>Westhampnett R.D.—cont.</b>									
Pagham - - -	3,506	726	171	22	Bognor Water Co. - - -	Wells - - -	Good and adequate.		
Selsey - - -	2,986	1,501	553	380	Chichester T.C. thro' Selsey Water Co.				
Sidlesham - - -	4,178	884	210	43	Do - - -				
Singleton - - -	4,063	518	128	—	—				
Slindon - - -	2,957	503	121	105	Slindon Waterworks Co., Ltd.				
Tangmere - - -	775	195	50	—	—				
Up Waltham - -	1,275	67	12	—	—				
Walberton - - -	1,733	586	156	35	Bognor Water Co. - - -				
Westhampnett - -	1,909	346	82	—	—				
West Itchenor - -	546	113	27	—	—				
West Stoke - - -	871	83	18	—	—				
West Wittering - -	2,272	511	135	—	—				
Yapton - - -	1,791	760	185	8	Bognor Water Co. - - -				
<b>WARWICKSHIRE.</b>									
Birmingham C.B.	43,601	840,202	177,030	175,550	Birmingham T.C. - - -	Wells and springs	Satisfactory.		
Bulkington U.D. -	4,892	1,837	444	—	—	Do.	Good.		
Coventry C.B. -	4,147	106,349	23,042	22,999	Coventry T.C.; Birmingham T.C. (bulk).	Wells - - -			
Kenilworth U.D. -	5,914	5,776	1,369	1,195	Kenilworth Water Co., Ltd. -	Do. - - -	Reasonably good and adequate.		
Nuneaton B. - -	10,595	37,073	7,590	7,074	Nuneaton T.C. - - -	Do. - - -			
Royal Leamington Spa B.	2,816	26,713	6,162	6,140	Royal Leamington Spa T.C. -	Do. - - -	Satisfactory and adequate.		
Rugby U.D. - - -	1,671	21,758	4,639	4,639	Rugby U.D.C. - - -	—	—		
Stratford on Avon B.	4,013	8,531	1,985	1,525	Stratford on Avon T.C. - -	Wells - - -	Fair and adequate.		
Sutton Coldfield B.	12,828	20,132	4,607	4,350	South Staffordshire Water Works Co.	Wells and springs	Doubtful, but adequate.		
Warwick B. - - -	5,613	11,858	2,742	2,712	Warwick T.C. - - -	Wells - - -	Good and adequate.		
<b>Alcester R.D.:</b>									
Alcester - - -	1,782	2,168	574	385	Alcester Waterworks Co. -	Wells - - -	Fair.		
Arrow - - -	2,634	317	79	3		Do. - - -	Indifferent.		
Aston Cantlow - -	4,894	896	232	—	—	—	—		
Bidford - - -	3,348	1,634	421	—	—	—	—		
Coughton - - -	2,000	206	45	—	—	—	—		
Exhall - - -	844	207	51	—	—	—	—		
Great Alne - - -	1,764	363	90	—	—	—	—		
Haselor - - -	2,308	223	58	—	—	—	—		
Ipsley - - -	2,367	907	181	142	E. Worcestershire Water-works Co.	Do. - - -	Fair.		
Kinwarton - - -	471	55	12	—	—	—	—		
Morton Bagot - -	1,144	76	15	—	—	—	—		
Oldberrow - - -	1,236	56	13	—	—	—	—		
Oversley - - -	1,486	306	46	—	—	Do. - - -	Indifferent.		
Salford Priors - -	4,769	823	220	—	—	—	—		
Sambourn - - -	2,218	441	106	—	—	—	—		
Spernall - - -	1,110	55	14	—	—	—	—		
Studley - - -	4,305	3,019	669	500	East Worcestershire Water-works Co. (bulk).	Do. - - -	Fair.		
Weethley - - -	642	21	5	—	—	—	—		
Wixford - - -	569	93	26	—	—	—	—		
<b>Atherstone R.D.:</b>									
Ansley - - -	2,930	1,850	323	179	Atherstone R.D.C. & Ansley Hall Coal & Iron Co., Ltd.	Wells - - -	Good, but variable.		
Atherstone - - -	944	5,607	1,581	1,575				Atherstone R.D.C. - - -	
Baddesley Ensor -	1,155	1,364	259	258	Baddesley Collieries (bulk) -			—	—
Baxterley - - -	901	393	88	86					
Bentley - - -	1,967	272	50	41	Atherstone R.D.C. - - -				
Grendon - - -	2,415	623	139	73	Ansley Hall Coal & Iron Co. -				
Hartshill - - -	1,565	2,450	470	450	Atherstone R.D.C. - - -	Wells - - -	Good, but variable.		
Mancetter - - -	1,582	703	138	51	Baddesley Collieries (bulk) -				
Merevale - - -	890	110	21	21	Atherstone R.D.C. - - -				
Oldbury - - -	611	72	15	2	Tamworth Waterworks Joint Committee.				
Polesworth - - -	6,370	5,619	1,182	1,156	Atherstone R.D.C. - - -				



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1.	2.	3.	4.	5.	6.	7.	8.	
<b>Warwickshire— cont.</b>								
<b>Brailes R.D.:</b>								
Barcheston	1,555	118	29	—	—	{ Wells	Good.	
Barton in the Heath	1,177	139	36	—	—	{ Wells and springs		
Brailes	5,625	809	220	160	Brailes R.D.C.	{ Wells		
Burmington	753	142	30	—	—	—	Good.	
Butlers Marston	1,777	218	55	—	—	—		
Cherington	879	203	55	55	Earl of Camperdown	—		
Compton Wynlats	1,039	15	6	6	Marquess of Northampton	—	Good.	
Great Wolford	1,369	158	34	34	Lord Redesdale	—		
Halford	956	223	60	—	—	{ Wells		
Honington	2,474	195	47	47	Sir Grey H. d'E. Skipwith, Bart.	—	Good.	
Idlicote	1,419	101	18	18	Lord Southampton	—		
Ilmington	3,325	576	155	125	Brailes R.D.C.	—		
Little Compton	1,689	296	75	70	Messrs. W. S. and H. C. Lardner and L. L. Yelf.	{ Well & springs	Good.	
Little Wolford	1,343	163	36	36	Earl of Camperdown	—		
Long Compton	3,806	547	135	125	Brailes R.D.C.	{ Wells and springs		
Oxhill	1,845	178	50	—	—	{ Wells	Good.	
Pillerton Hersey	1,402	111	30	—	—	{ Spring and wells.		
Pillerton Priors	1,547	117	30	—	—	{ Wells		
Stourton	971	143	33	—	—	{ Wells and springs	Good.	
Stretton on Fosse	2,082	286	80	60	Brailes R.D.C.	—		
Sutton under Brailes	1,175	131	35	35	Mrs. F. Shepard	—		
Tysoe	4,900	731	180	150	Trustees of Tysoe Utility Estate.	{ Wells and springs	Good.	
Whatecote	878	103	30	—	—	{ Wells		
Whichford	2,112	343	85	85	Earl of Camperdown	—		
<b>Coventry R.D.:</b>								
Coventry Holy Trinity Without.	588	69	20	2	—	—	Good and sufficient.	
Coventry St. Michael Without.	1,295	513	333	313	Coventry T.C.	{ Springs		
<b>Farnborough R.D.:</b>								
Avon Dassett	1,435	202	51	40	Avon Dassett Water Co.	{ Wells	Good and adequate.	
Farnborough	1,989	297	75	—	—	{ Do.		
Radway	1,463	266	54	48	J. F. Ward, Esq.	{ Wells & surface water.		
Ratley and Upton	1,729	267	70	—	—	{ Springs and wells	Good.	
Shotteswell	1,305	198	54	—	—	{ Wells		
Warmington	1,809	252	61	31	Warmington P.C.	—		
<b>Foleshill R.D.:</b>								
Ansty	1,023	127	34	—	—	—	Usually shallow and unsatisfactory.	
Bedworth	2,165	9,595	1,960	1,900	Newdigate Colliery, Ltd. (part in bulk)	—		
Binley	1,688	220	45	—	—	—		
Exhall	2,047	1,646	348	180	North Warwickshire Water Co.	{ Wells	Fairly good and adequate.	
Foleshill	2,130	7,781	1,660	1,516	—	—		
Keresley	1,069	689	150	79	—	—		
Shilton	1,150	371	111	—	—	—	Fair.	
Stoke	449	51	11	—	—	—		
Walsgrave on Soave	2,713	1,853	421	85	North Warwickshire Water Co.	—		
Willenhall	772	131	24	—	—	—	Fair.	
Withybrook	2,519	214	52	—	—	—		
Wyken	1,343	321	66	4	North Warwickshire Water Co.	—		
<b>Meriden R.D.:</b>								
Allesley	4,257	955	246	22	Coventry T.C. N. Warwickshire Water Co. W. L. Hiffe, Esq.	{ Wells	Fairly good and adequate.	
Berkswell	6,169	1,577	414	—	—	—		
Bickenhill	2,925	589	133	57	—	—		
Castle Bromwich	2,742	953	196	147	Birmingham T.C.	—	Fair.	
Coleshill	5,703	2,886	525	213	—	—		
Corley	1,394	333	79	17	North Warwickshire Water Co.	—		
Coundon	1,051	346	76	18	—	—	Fair.	
Curdworth	1,657	335	80	57	Birmingham T.C.	{ Wells and springs		
Fillongley	4,878	1,405	305	27	Meriden R.D.C.	—		
Great Packington	2,568	198	52	—	—	—	Fairly good and adequate.	
Hampton in Arden	2,424	1,084	268	87	North Warwickshire Water Co.	—		
Lea Marston	1,554	286	66	1	Tamworth R.D.C. (bulk)	—		
Little Packington	1,095	108	23	—	—	—	Fairly good and adequate.	
Maxstoke	2,852	230	59	—	—	—		
Meriden	3,099	832	170	59	North Warwickshire Water Co.	{ Wells		
Minworth	1,525	629	131	125	Birmingham T.C.	—	Fair.	
Nether Whitacre	1,995	606	160	74	Tamworth R.D.C. (bulk)	—		
Over Whitacre	1,414	334	81	26	Birmingham T.C. (bulk)	—		
Sheldon	2,619	451	104	23	Do.	—	Fair.	
Shustoke	2,094	433	105	84	Do. (bulk)	—		
Water Orton	635	631	169	161	Birmingham T.C.	{ Do.		
Wishaw	1,204	177	34	—	—	—	Variable, but sufficient.	
<b>Monks Kirby R.D.:</b>								
Copston Magna	1,144	113	21	—	—	—		
Monks Kirby	4,563	544	128	—	—	—		
Pailton	1,756	463	131	—	—	—		
Stretton under Fosse	1,231	276	78	—	—	{ Wells		
Wibtoft	856	59	19	—	—	—	Variable, but sufficient.	
Willey	815	19	25	—	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Warwickshire— cont.</b>							
<b>Nuneaton R.D. :</b>							
Arley - - -	1,946	1,027	193	191	Arley Colliery Co., Ltd.	Wells	Good and adequate.
Astley - - -	2,629	377	85	36	Newdigate Colliery, Ltd.	Wells	Good and adequate.
Burton Hastings -	1,488	169	45	—	—	Wells	Good and plentiful.
Caldecote - - -	708	123	30	—	—	Wells	Good and plentiful.
Stretton Baskerville	1,038	50	11	—	—	Wells and spring	Good and plentiful.
Weddington - - -	954	102	21	—	—	Wells and spring	Good and plentiful.
Wolvey - - -	3,472	687	173	—	—	Wells and spring	Good and plentiful.
<b>Rugby R.D. :</b>							
Bilton - - -	2,306	5,188	1,100	934	Rugby U.D.C. (part in bulk)	Wells	Good and adequate.
Birdingbury - - -	1,063	209	48	—	—	Wells	Good and adequate.
Bourton on Duns- more.	2,144	265	70	—	—	Wells	Good and adequate.
Brandon & Bretford	1,988	398	100	—	—	Wells and River Avon.	Good and adequate.
Brinklow - - -	1,487	667	170	—	—	Wells	Variable.
Brownsover - - -	913	95	20	13	Rugby U.D.C. (bulk)	Wells	Variable.
Church Lawford - -	1,829	252	60	—	—	Do.	Good and adequate.
Churchover - - -	1,641	323	70	—	—	Do.	Good and adequate.
Clifton upon Duns- more.	1,677	627	160	40	Rugby U.D.C. (bulk)	Do.	Good and adequate.
Combefields - - -	3,720	156	35	—	—	Do.	Variable, but adequate.
Cosford - - -	557	47	10	—	—	Do.	Variable, but adequate.
Dunchurch - - -	3,137	935	235	1	Rugby U.D.C. (bulk)	Do.	Good and adequate.
Easehall - - -	1,135	135	40	—	—	Do.	Good and adequate.
Frankton - - -	1,705	211	50	—	—	Do.	Poor and inadequate in summer.
Grandborough - - -	4,494	320	90	—	—	Do.	Fair and adequate.
Harborough Magna	1,393	317	75	—	—	Do.	Generally good.
Hillmorton - - -	3,124	1,259	315	197	Rugby U.D.C. (bulk)	Do.	Generally good.
Kings Newnham - -	1,471	128	25	—	—	Do.	Good and adequate.
Leamington Hast- ings.	3,366	377	110	—	—	Do.	Good and adequate.
Little Lawford - -	444	24	5	—	—	Do.	Good and adequate.
Long Lawford - - -	1,715	869	210	—	—	Do.	Good and adequate.
Marton - - -	1,064	376	105	—	—	Do.	Good and adequate.
Newbold on Avon -	1,628	728	170	78	Rugby U.D.C. (bulk)	Do.	Do.
Newton and Biggin	1,069	246	65	—	—	Wells	Fair and sufficient.
Princethorpe - - -	1,070	357	50	—	—	Do.	Good and adequate.
Ryton on Dunsmore	2,275	552*	125	—	—	Do.	Good and adequate.
Stretton on Duns- more.	1,919	587	150	—	—	Do.	Good and sufficient.
Tharlston - - -	1,823	313	80	—	—	Do.	Good and sufficient.
Willoughby - - -	1,759	276	75	—	—	Do.	Fair and sufficient.
Wolfhampton - - -	3,855	257	75	—	—	Do.	Fair and sufficient.
Wolston - - -	2,810	879	210	—	—	Do.	Fair and sufficient.
<b>Solihull R.D. :</b>							
Baddesley Clinton -	1,366	140	30	—	—	Wells	Satisfactory.
Balsall - - -	5,095	1,353	407	—	—	Do.	Not satisfactory at "The Temple."
Barston - - -	1,968	345	85	1	North Warwickshire Water Co.	Do.	Satisfactory.
Bushwood - - -	482	30	9	—	—	Do.	Satisfactory.
Elmdon - - -	1,134	210	48	—	—	Do.	Satisfactory.
Knowle - - -	3,345	2,357	575	88	North Warwickshire Water Co.	Do.	Satisfactory.
Lapworth - - -	2,984	853	213	—	—	Do.	Satisfactory.
Nuthurst - - -	693	100	27	—	—	Do.	Satisfactory.
Packwood - - -	1,760	860	186	1	North Warwickshire Water Co.	Do.	Satisfactory.
Solihull - - -	12,468	10,282	2,334	996	Birmingham T.C.	Do.	Satisfactory.
Tanworth - - -	10,512	2,231	607	—	—	Do.	Satisfactory.
<b>Southam R.D. :</b>							
Bishop's Itchington	3,052	818	199	—	—	Do.	Satisfactory.
Burton Dassett - -	4,975	475	130	116	Kimbell's Charity -	Do.	Satisfactory.
Chadshunt - - -	1,388	36	13	—	—	Do.	Satisfactory.
Chapel Ascote - - -	604	20	5	—	—	Do.	Satisfactory.
Chesterton and Kingston.	3,585	130	35	—	—	Do.	Satisfactory.
Fenny Compton - -	2,163	510	120	116	Fenny Compton Water Co., Ltd.	Wells	Fair and adequate, except in very dry season.
Gaydon - - -	1,518	278	75	55	Southam R.D.C.	Wells	Fair and adequate, except in very dry season.
Harbury - - -	3,397	1,160	282	—	—	Do.	Fair and adequate, except in very dry season.
Hodnell - - -	521	9	3	—	—	Do.	Fair and adequate, except in very dry season.
Ladbroke - - -	1,975	162	47	—	—	Do.	Fair and adequate, except in very dry season.
Lighthorne - - -	2,112	296	67	—	—	Do.	Fair and adequate, except in very dry season.
Long Itchington -	4,869	1,178	292	—	—	Do.	Fair and adequate, except in very dry season.
Lower Radbourne -	526	10	2	—	—	Do.	Fair and adequate, except in very dry season.
Lower Shuckburgh	985	102	24	24	Southam R.D.C.	Do.	Fair and adequate, except in very dry season.
Napton on the Hill	4,027	847	202	160	Do.	Do.	Fair and adequate, except in very dry season.
Priors Hardwick - -	1,535	193	56	40	Priors Hardwick Water Co., Ltd.	Do.	Fair and adequate, except in very dry season.
Priors Marston - -	3,577	495	120	110	Priors Marston Water Co., Ltd.	Wells	Fair and adequate, except in very dry season.
Southam - - -	3,118	1,804	459	—	—	Do.	Fair and adequate, except in very dry season.
Stockton - - -	1,391	975	219	—	—	Do.	Fair and adequate, except in very dry season.
Stoneton - - -	717	30	4	—	—	Do.	Fair and adequate, except in very dry season.
Ufton - - -	1,793	181	51	—	—	Do.	Fair and adequate, except in very dry season.

\* Balsall.—North Warwickshire Water Co. are about to provide a supply.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Warwickshire— cont.</b>							
<b>Southam R.D.— cont.</b>							
Upper Radbourne	647	19	2	—	—	Wells	Fair and adequate, except in very dry season.
Upper Shuckburgh	1,169	51	8	—	—		
Watergall	553	12	2	—	—		
Wills Pastures	149	5	2	—	—		
Wormleighton	2,451	189	48	—	—		
<b>Stratford on Avon R.D. :</b>							
Alveston	2,887	905	216	143	Stratford on Avon R.D.C.	Wells	Fair and adequate.
Atherstone on Stour	1,089	83	17	—	—		
Beasley	998	211	45	—	—	Do.	Generally satisfactory and fairly adequate.
Beandesert	1,318	187	36	15	Stratford on Avon R.D.C.		
Bickmarsh	1,267	97	22	—	—	Wells and springs	Fair and adequate.
Billesley	822	48	15	—	—	Do.	Slightly brackish and fairly adequate.
Binton	1,300	245	52	4	Trustees of the Marquess of Hertford.	Springs and wells	Generally satisfactory and adequate.
Charlecote	2,130	224	54	—	—	Wells	Fair and adequate.
Claverdon	2,754	520	140	—	—	Wells and springs	Variable, but fairly satis- factory and adequate.
Combrook	1,145	175	45	41	Lord Willoughby de Broke	Do.	Fair; inadequate in sum- mer.
Compton Verney	1,668	42	15	—	—	Wells	Fairly satisfactory and adequate.
Eatington	3,638	570	127	—	—	Wells and spring	Fairly satisfactory and adequate.
Fulbrook	872	62	16	—	—	Wells	Fair, but very hard; ade- quate.
Hampton Lucy	3,160	393	87	—	—	Do.	Fair and adequate.
Kineton	2,495	1,018	240	184	{ Stratford on Avon R.D.C. { Lord Willoughby de Broke	{ Wells & springs	{ Rather hard, but fairly satisfactory and ade- quate.
Langley	1,035	165	37	—	—	Wells, springs, and brook.	Fairly satisfactory except brook; adequate.
Loxley	1,596	239	59	52	Stratford on Avon R.D.C.	Wells and rain- water.	Fairly satisfactory, but inadequate.
Luddington	1,158	97	22	—	—	Wells	Fair and adequate.
Milcote	609	55	10	2	Stratford on Avon T.C.		
Moreton Morrell	1,678	388	60	—	—	Wells	Fairly satisfactory and adequate.
Newbold Pacey	1,851	373	82	—	—	Wells	
Old Stratford and Drayton.	2,778	129	31	—	—	Wells and spring	Fairly satisfactory and adequate.
Preston Bagot	1,300	158	33	—	—	Do.	Fair and adequate.
Snitterfield	3,912	682	185	13	Lady Trevelyan	Wells	
Temple Grafton	2,050	377	98	—	—	Springs and wells	Fairly satisfactory, but inadequate.
Wellesbourne Hast- ings.	2,953	682	155	—	—	Wells and springs	Variable, but adequate.
Wellesbourne Mountford.	1,653	676	160	—	—	Wells	Variable, but abundant.
Whitchurch	1,938	159	38	—	—	Do.	Fairly satisfactory and adequate.
Wolverton	1,160	160	35	—	—	Do.	Fair and adequate.
Wootton Wawen	7,865	1,959	465	293	Stratford on Avon R.D.C.	Do.	Generally satisfactory and adequate.
<b>Warwick R.D. :</b>							
Ashow	1,079	140	36	—	—	Wells	
Baginton	1,788	227	50	—	—		
Barford	1,677	694	181	—	—		
Beausale	1,699	221	56	—	—		
Bishops Tachbrook	3,575	578	135	—	—		
Blackdown	687	78	17	—	—	Wells and springs	Fair and sufficient.
Bubbenhall	1,265	225	58	—	—		
Budbrooke	3,289	1,104	135	—	—		
Cubbington	2,112	1,144	287	—	—		
Eathorpe	531	153	33	—	—		
Guy's Cliffe	12	17	1	—	—	Wells	
Haseley	1,201	238	52	—	—		
Hatton	1,311	1,524	74	—	—		
Honiley	655	43	10	—	—		
Hunningham	1,261	177	48	—	—		
Leek Wootton	2,101	481	106	45	Warwick T.C.thro' Sir F.Waller	Wells	
Norton Lindsey	621	114	35	—	—		
Offchurch	2,286	279	62	—	—		
Old Milverton	744	193	48	—	—		
Radford Semele	2,123	556	141	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Warwickshire— cont.</b>							
<b>Warwick R.D.— cont.</b>							
Rowington - -	3,817	868	237	—	—	} Wells - -	Fair and sufficient.
Sherborne - -	1,149	162	38	—	—		
Shrewley - -	1,268	487	127	—	—		
Stivichall - -	818	81	16	—	—		
Stoneleigh - -	10,031	1,400	339	—	—		
Wappenbury - -	953	74	18	—	—		
Wasperton - -	1,653	215	54	—	—		
Weston under Wetherley.	1,361	265	36	—	—		
Whitnash - -	1,239	525	132	—	—	}	
Wroxall - -	1,651	148	34	—	—		
<b>WESTMORLAND.</b>							
Ambleside U.D. -	4,424	2,553	559	541	Ambleside U.D.C. - -	Wells, springs, and streams.	Good and adequate.
Appleby B. - -	1,876	1,736	408	406	Appleby T.C. - -	Well, spring and rainwater.	Satisfactory and sufficient.
Grasmere U.D. -	7,332	876	190	155	Grasmere U.D.C. - -	Wells & streams	Good, but sometimes in- sufficient in dry weather.
Kendal B. - -	2,622	14,033	3,219	3,219	Kendal T.C. - -	—	—
Kirkby Lonsdale U.D.	3,254	1,524	348	330	Kirkby Lonsdale U.D.C. & Lady Henry Bentinck.	{ Wells & springs Tearnside Beck River Lune	{ Satisfactory and adequate. Satisfactory and abund- ant.
Shap U.D. - -	2,082	1,006	243	182	Shap U.D.C. - -	Wells and springs	Good and plentiful.
Windermere U.D.	9,907	5,147	1,153	1,044	Windermere District Gas and Water Co.	Wells and springs	Satisfactory.
<b>East Westmor- land R.D.:</b>							
Asby - -	8,479	370	103	—	—	(a) Wells, (b) Dale Beck.	(a) Good, (b) liable to pollution; generally in- adequate in dry weather.
Brough - -	1,573	634	178	110	East Westmorland R.D.C.	Wells - -	Fairly good, but occasion- ally inadequate.
Brough Sowerby -	1,197	117	27	17	Do.	Wells and springs	Good.
Colby - -	1,402	107	30	—	—	Wells - -	Generally fairly good; dis- tant from some houses.
Crackenthorpe -	1,358	113	21	—	—	(a) Spring, (b) wells, (c) rain- water.	(a) Good, but limited in summer; (b) some doubt- ful, others good.
Crosby Garrett -	3,900	184	53	—	—	(a) Wells, (b) rain- water and streams.	(a) Some doubtful and inadequate.
Duften - -	16,852	299	99	55	Duften Voluntary Scheme -	(a) Wells and springs, (b) streams.	(a) Fairly good; (b) liable to pollution.
Hartley - -	3,224	133	36	21	{ Sir Richard Musgrave, Bart. East Westmorland R.D.C.	{ Springs, wells, and streams.	{ Fairly good.
Hillbeck - -	2,760	60	12	7	Do.	Wells - -	—
Hoff - -	3,660	200	48	—	—	(a) Wells, (b) springs, (c) Hoff Beck, (d) rain-water.	(a) Mostly polluted and inadequate; (b) good and generally adequate; (c) liable to pollution; (d) doubtful.
Kaber - -	4,569	149	37	—	—	Wells and streams.	Some good, others pol- luted; adequate.
Kirkby Stephen -	3,135	1,546	450	442	East Westmorland R.D.C.	Wells - -	Good.
Kirkby Thore -	2,503	449	114	114	Do.	—	—
Long Marton -	6,947	587	160	132	Do.	Wells and springs	Good, but some inadequate in dry weather.
Mallerstang - -	8,382	226	54	11	Various property owners	Springs, streams and wells.	Fairly good and sufficient.
Milburn and Mil- burn Grange.	7,955	217	55	37	East Westmorland R.D.C.	Wells - -	Doubtful, and some inade- quate in summer.
Murton - -	13,280	405	108	72	{ Appleby T.C. - - East Westmorland R.D.C.	{ (a) Springs, (b) streams.	{ (a) Good and generally adequate; (b) doubtful.
Musgrave - -	4,389	205	48	—	—	Wells, streams, springs & rain- water.	Generally good, but some inadequate.
Nateby - -	2,194	171	34	—	—	Wells - -	Good and adequate.
Newbiggin - -	1,194	139	33	25	East Westmorland R.D.C.	Wells and springs	Fairly good.
Ormside - -	2,718	148	37	18	Do.	Wells - -	—
Orton - -	17,654	847	213	92	Do.	Wells, spring and streams.	Good, but occasionally inadequate.



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<b>Westmorland— cont.</b>							
<b>East Westmorland R.D.—cont.</b>							
Ravenstonedale	16,405	844	210	100	{ J. W. Fothergill, Esq. T. A. Metcalfe-Gibson, Esq. Other property owners }	(a) Springs, wells, and streams. (b) Bessie Beck, Newbiggin. Wells	(a) Generally good, but limited; (b) liable to pollution, but abundant.
Soulby	2,644	189	53	5	Messrs. J. W. Gregson & Co.	Wells	Some good and abundant, others doubtful and in- adequate.
Stainmore	16,329	516	112	7	Various property owners	Springs, wells, and streams.	Fairly good and generally adequate.
Tebay	6,855	966	249	180	East Westmorland R.D.C.	Do. do.	Good and generally ade- quate.
Temple Sowerby	1,241	352	99	90	Do.	Wells and springs	Good.
Waitby	2,847	93	19	—	—	Do.	Good, but inadequate in summer.
Warcop	11,498	604	157	98	East Westmorland R.D.C.	Do.	Good.
Wharton	1,500	52	11	—	—	Do.	Fairly good, but inade- quate in dry weather.
Winton	4,510	229	66	50	East Westmorland R.D.C.	Do.	Fairly good and sufficient.
<b>South Westmor- land R.D.:</b>							
Arnsdale	2,057	1,090	255	212	South Westmorland R.D.C.	Rain-water, wells & springs	Good and adequate.
Barbon	4,257	274	71	48	Do.	Wells and springs	
Beetham	3,968	601	156	101	Do.	Rain-water, wells, & springs.	
Burton	1,473	517	142	117	Manchester T.C. (bulk)	Wells and springs.	
Casterton	4,326	428	64	46	Clergy Daughters School and other property owners.		
Crook	2,118	237	56	—	—		
Crosthwaite and Lyth.	8,050	674	146	—	—		
Dalton	2,170	108	20	13	Manchester T.C. (bulk)	Rain-water, wells, & springs.	
Dillicar	1,122	102	29	—	—		
Docker	1,372	73	15	—	—	Rain-water, wells, & springs.	
Farleton	1,204	70	12	7	South Westmorland R.D.C.		
Fawcett Forest	3,936	30	8	—	—	Springs and wells	Good, but distant from some houses.
Firbank	2,985	141	33	—	—	Do.	
Grayrigg	3,756	197	49	—	—	Do.	Good and adequate.
Haverbrack	685	82	27	12	South Westmorland R.D.C.		
Helsington	3,328	279	58	4	Kendal T.C.	Do.	Good, but inadequate in part.
Heversham	1,645	359	75	67	South Westmorland R.D.C.		
Hincaster	700	145	30	—	—	Do.	
Holme	1,647	674	170	156	South Westmorland R.D.C.		
Hugill	2,901	373	106	18	Various property owners	Springs, wells and streams.	
Hutton Roof	2,718	269	61	3	South Westmorland R.D.C.		
Kentmere	6,610	145	37	—	—	Springs, wells and streams.	
Killington	4,938	163	41	—	—		
Lambrigg	1,804	122	33	—	—	Springs and wells.	Good and adequate.
Langdales	9,508	799	186	23	Great Langdale School Trustees.	Springs and streams.	
Levens	3,553	708	209	82	South Westmorland R.D.C.	Springs and wells.	
Longsleddale	6,731	112	27	—	—		
Lupton	3,525	205	44	9	South Westmorland R.D.C.	Rain-water	Good, but inadequate.
Mansergh	2,669	160	44	—	—		
Meathop and Ulpha	2,631	214	25	8	South Westmorland R.D.C.	Springs and wells.	Good and adequate.
Middleton	7,275	222	50	—	—		
Milnthorpe	999	1,019	238	178	South Westmorland R.D.C.	Wells & upland surface water.	Good and adequate, but dis- tant from some houses.
Natland	1,156	574	120	90	Do.		
Nether Staveley	2,564	354	84	—	—	Springs and wells.	
New Hutton	4,759	262	58	—	—		
Old Hutton and Holmescales.	3,976	297	67	—	—	Do.	
Over Staveley	2,580	661	154	—	—		
Patton	637	61	15	—	—	Do.	
Preston Patrick	3,656	479	102	27	South Westmorland R.D.C. - Messrs. W. H. Wakefield & Co., Ltd.		
Preston Richard	2,134	605	135	68	Do. do.	Springs, wells & Stainton Beck.	
Rydal and Lough- rigg.	4,858	469	128	—	South Westmorland R.D.C.		
Scalthwaite and Rigg	1,265	585	167	157	Messrs. Braithwaite & Co., Ltd. Kendal T.C.	Spring and wells.	



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<b>Westmorland— cont.</b>							
<b>South Westmor- land R.D.—cont.</b>							
Sedgwick - -	495	201	39	—	—	{ Springs & wells	Good and adequate.
Skelsmergh - -	2,093	305	67	—	—		
Stainton - -	1,735	331	78	—	—		
Strickland Ketel -	2,360	768	174	77	{ Messrs. J. Cropper & Co., Ltd. Kendal T.C.	{ Springs, wells, & Stainton Beck.	Good, except Beck; ade- quate.
Strickland Roger -	3,200	377	89	48			
Troutbeck - -	5,806	491	121	14	Messrs. J. Cropper & Co., Ltd. Windermere District Gas and Water Co.		
Underbarrow and Bradleyfield.	5,122	418	89	5	Kendal T.C. - - - -	{ Springs and wells.	Good and adequate.
Undermillbeck -	3,363	557	145	38	{ G. H. Pattinson, Esq. Windermere, &c., Water Co.		
Whinfell - -	4,345	124	25	—			
Whitwell and Sel- side.	3,387	212	41	—	—		
Witherslack - -	4,659	393	101	—	—	{ Springs, wells, and rain-water.	Good and adequate.
<b>West Ward R.D.:</b>							
Askham - -	4,490	484	117	—	—	{ Springs, streams, wells, & rain-water.	Indifferent.
Bampton - -	10,926	416	111	—	—		
Barton - -	2,797	291	70	27	West Ward R.D.C. - -	{ Springs, wells, and streams.	Good and abundant.
Bolton - -	2,790	313	76	—	—		
Brougham - -	6,223	286	53	—	—		
Cliburn - -	1,890	197	50	—	—		
Clifton - -	1,778	352	83	—	—		
Crosby Ravens- worth.	11,044	732	168	—	—	{ Springs, streams, wells, & rain-water.	Indifferent.
Great Strickland -	2,340	248	62	—	—		
King's Mesburn -	2,386	157	39	—	—		
Little Strickland -	789	102	19	—	—		
Lowther - -	3,674	415	94	—	—		
Martindale - -	8,022	132	38	—	—	{ Springs - -	Good and abundant
Morland - -	1,760	273	85	—	—		
Newby - -	2,988	178	51	—	—	{ Springs, streams, wells, & rain-water.	Indifferent.
Patterdale and Hartsop.	16,738	871	204	—	—		
Shap Rural - -	25,095	269	68	—	—	{ Springs - -	Good and abundant.
Slengill - -	1,384	105	30	—	—		
Sockbridge - -	1,229	289	60	58	West Ward R.D.C. - -	{ Springs - -	Good and abundant.
Thrimby - -	1,574	63	11	—	—		
Yanwath and Eamont Bridge.	1,299	307	69	62	West Ward R.D.C. - -	{ Springs - -	Good and abundant.
<b>WIGHT, ISLE OF.</b>							
Cowes U.D. - -	586	9,635	2,237	2,237	Cowes U.D.C. - - - -	—	—
East Cowes U.D. -	604	4,659	1,072	1,072	East Cowes U.D.C. - -	—	—
Newport B. - -	504	11,154	2,598	2,583	Newport T.C. - - - -	{ Wells - -	Satisfactory and adequate.
Ryde B. - -	820	10,608	2,625	2,610	Ryde T.C. - - - -		
St. Helens U.D. -	1,941	4,982	1,145	1,130	Ryde T.C. (part in bulk)		
Sandown U.D. -	1,222	5,551	1,290	1,270	Isle of Wight Waterworks Co.	{ Wells - -	Fairly good.
Shanklin U.D. -	798	4,751	1,119	1,119	Isle of Wight Waterworks Co.		
Ventnor U.D. -	745	5,787	1,237	1,237	Shanklin U.D.C. and Isle of Wight Waterworks Co. Ventnor Gas and Water Co. -	—	Good and adequate
<b>Isle of Wight R.D.:</b>							
Ashey - -	3,374	1,471	379	365	Ryde T.C. (part in bulk) -	{ Wells, springs, & rain-water.	Generally satisfactory and adequate.
Bembridge - -	2,003	1,428	377	340	Isle of Wight R.D.C. - -		
Binstead - -	1,207	969	232	223	Ryde T.C. (bulk) - -	{ Wells & springs	Generally satisfactory and adequate.
Bonchurch - -	565	530	120	105	Ventnor Gas and Water Co. -		
Brading - -	5,524	1,563	450	275	{ Isle of Wight R.D.C. - -	{ Wells, spring, & rain-water.	Generally satisfactory and adequate.
Brighthstone -	2,847	469	114	111	{ Isle of Wight Waterworks Co. Isle of Wight R.D.C. and property owners.		
Brook - -	991	220	56	50	Sir C. Seely, Bart. - -	{ Wells - -	Generally satisfactory, but stream liable to pollution.
Calbourne - -	6,556	720	174	138	Isle of Wight R.D.C. - -		
Carisbrooke - -	7,854	5,139	590	393	Newport T.C. - - - -	{ Wells, rain-water, & stream.	Generally satisfactory, but stream liable to pollution.
Chale - -	2,212	565	149	122	Isle of Wight R.D.C. - -	{ Wells & springs	Generally satisfactory and adequate.
Freshwater - -	3,522	3,192	805	768	Freshwater and Yarmouth Water Co., Ltd.		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Wight, Isle of— —cont.</b>							
<b>Isle of Wight R.D. —cont.</b>							
Gatecombe - -	2,804	369	95	22	Shanklin U.D.C. - - -	Wells, springs, rain-water, & stream.	Generally satisfactory and adequate.
Godshill - -	6,407	964	246	70	Shanklin U.D.C. (bulk) -	Wells, springs, & rain-water.	
*Kingston - -	961	68	16	6	Various property owners -	Wells, springs, & rain-water.	
Mottistone - -	1,097	100	26	24	{ Isle of Wight R.D.C. - - Sir C. Seely, Bart. - -	{ Wells - -	
Newchurch - -	2,960	751	186	132	Isle of Wight Waterworks Co.	Wells and land drains.	
Niton - -	1,337	866	254	118	{ Isle of Wight R.D.C. - - Various property owners -	{ Wells, springs, rain-water, & stream.	
Northwood - -	4,367	2,385	508	415	{ Newport T.C. (bulk) - - Various property owners - Ventnor Gas and Water Co.	{ Wells, springs, & rain-water.	
St. Lawrence - -	329	366	32	20	{ Isle of Wight R.D.C. - - Property owners - -	{ Springs - -	
Shalfleet - -	5,324	822	221	206	{ Freshwater and Yarmouth Water Co., Ltd. Isle of Wight R.D.C. - -	{ Wells, rainwater and stream.	
*Shorwell - -	3,851	541	129	10	{ Newport T.C. (bulk) - - Various property owners -	{ Wells, springs, rain-water, & stream.	Bad and inadequate.
South Arreton -	5,305	932	214	18	Shanklin U.D.C. (bulk) -	Wells, springs, & rain-water.	
Thorley - -	1,582	152	35	15	{ Isle of Wight R.D.C. - - Totland Water Co. - -	{ Wells, springs, & rain-water.	Generally satisfactory and adequate.
Totland - -	1,332	1,441	369	357	{ Freshwater & Water Co., Ltd. Newport T.C. (bulk) - -	{ Wells and rain- water.	
Whippingham -	8,164	2,545	469	295	{ Various property owners - Isle of Wight R.D.C. - -	{ Wells, springs, & rain-water.	
Whitwell - -	1,909	681	173	84	{ Do. - - Freshwater & Water Co., Ltd.	{ Wells and springs	
Wroxall - -	1,661	828	210	195	Sir G. E. W. Hamond Graeme, Bart.	Wells - -	
Yarmouth - -	58	847	210	189			
Yaverland - -	822	135	19	14			
<b>WILTSHIRE.</b>							
Bradford on Avon U.D.	1,990	4,501	1,150	1,110	Bradford on Avon U.D.C. -	Wells - -	Good.
Calne B. - -	356	3,538	842	780	Calne Waterworks Co., Ltd. -	Do. - -	Excellent.
Chippenham B. -	361	5,332	1,214	1,214	Chippenham T.C. - - -	—	—
Devizes B. - -	906	6,739	1,512	1,502	Devizes T.C. - - -	Wells - -	Reasonably satisfactory.
Malmesbury B. -	178	2,656	699	696	Malmesbury T.C. - - -	Do. - -	Variable.
Marlborough B. -	598	4,401	828	828	Marlborough T.C. - - -	—	—
Melksham U.D. -	476	3,101	722	720	Trowbridge Water Co. - -	Wells - -	Satisfactory.
Salisbury B. - -	1,720	21,217	4,644	4,638	Salisbury T.C. and Fisherton, Anger and Bemerton Water- works Co.	Do. - -	Satisfactory and adequate.
Swindon B. - -	4,265	50,751	11,285	11,215	Swindon T.C. - - -	{ Do. - - Streams - -	{ Generally satisfactory. Not quite satisfactory.
Trowbridge U.D.	2,126	11,815	3,039	3,031	Trowbridge Water Co. - -	Wells - -	Good.
Warminster U.D.	6,564	5,492	1,257	1,147	Warminster U.D.C. - -	Wells and springs	Satisfactory.
Westbury U.D. -	3,687	3,433	862	658	Westbury and Dilton Marsh Joint Water Committee.	Wells - -	Good.
Wilton B. - -	1,915	2,124	539	533	Wilton T.C. - - -	Wells - -	Good and ample.
<b>Amesbury R.D. :</b>							
Allington - -	957	207	40	—	—	Wells - -	Good and ample.
Amesbury - -	5,935	1,253	266	—	—		
Boscombe - -	1,688	99	27	—	—		
Bulford - -	3,642	3,232	74	—	—		
Cholderton - -	1,695	238	47	47	H. C. Stephens, Esq. - -		
Durnford - -	3,102	420	93	—	—		
Durrington - -	2,702	897	229	—	—		
Figheldean - -	5,440	429	96	—	—		
Idmiston - -	5,493	809	191	—	—		
Maddington - -	3,968	357	85	—	—		
Milston - -	2,265	144	29	—	—	Wells - -	Good and ample.
Newton Tony -	2,386	306	73	—	—		
Orcheston St. George.	2,260	173	43	—	—		
Orcheston St. Mary	1,895	131	31	—	—		
Rollestone - -	870	41	10	—	—		

\* Kingston and Shorwell.—Supplies are about to be obtained from Shanklin U.D.C.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Wiltshire—cont.</b>							
<b>Amesbury R.D.— cont.</b>							
Shrewton - -	2,203	610	149	—	—	Wells - -	Good and ample.
Tilshead - -	3,883	394	96	—	—		
Wilsford - -	2,294	199	41	—	—		
Winterbourne Dauntsey.	1,187	159	44	—	—		
Winterbourne Earls	1,703	227	59	—	—		
Winterbourne Gun- ner.	1,518	157	35	—	—		
Winterbourne Stoke	3,572	254	60	—	—		
Woodford - -	2,796	422	98	—	—		
<b>Bradford-on-Avon R.D.:</b>							
Atworth - -	2,756	785	196	149	{ R. F. Fuller, Esq. - - G. P. Fuller, Esq. - - Bradford on Avon U.D.C. - Trowbridge Water Co. (bulk)	Wells & springs	Good and sufficient.
Bradford Without -	2,710	298	70	11	{ R. F. Fuller, Esq. - - Combe Down (Bath) and General Waterworks Co., Ltd.		
Broughton Gifford -	1,629	741	187	91	{ R. F. Fuller, Esq. - - Combe Down (Bath) and General Waterworks Co., Ltd.		
Holt - - -	1,314	1,022	272	209	{ R. F. Fuller, Esq. - - Combe Down (Bath) and General Waterworks Co., Ltd.		
Limply Stoke - -	558	389	99	38	{ R. F. Fuller, Esq. - - Combe Down (Bath) and General Waterworks Co., Ltd.		
Monkton Farleigh	1,860	334	92	87	{ R. F. Fuller, Esq. - - Combe Down (Bath) and General Waterworks Co., Ltd.	Do.	Good and generally suffi- cient.
South Wraxall - -	1,694	280	83	—	—	Do.	{ Good, but limited.
Westwood - - -	832	485	115	90	{ Bradford on Avon R.D.C. - Combe Down & Co. Waterwks. Co. Ltd.	Do.	
Winkfield - - -	1,389	261	68	—	—	Do.	
Winsley - - -	1,942	718	185	67	{ Bradford on Avon R.D.C. - Combe Down & Co. Waterwks. Co. Ltd.	Do.	Good and sufficient.
<b>Calne R.D.:</b>							
Bremhill - - -	5,912	999	238	100	{ Calne R.D.C. - - - Calne Waterworks Co., Ltd. -	Wells - -	Good.
Calne Without - -	9,894	1,941	452	107	{ Calne R.D.C. - - - Calne Waterworks Co., Ltd. -		
Cherhill - - -	1,904	231	66	—	—		
Compton Bassett -	2,576	298	75	—	—		
Heddington - - -	1,697	256	75	—	—		
Hilmarton - - -	5,311	734	190	—	—		
Yatesbury - - -	1,674	140	32	—	—		
<b>Chippenham R.D.:</b>							
Biddestone - -	1,951	417	126	53	{ Lord Islington (bulk) - - Do. - - -	Spring - -	Good.
Box - - -	4,647	2,320	597	128	{ G. E. Northey, Esq. - - Marquess of Lansdowne -	{ Wells - - River - -	{ Some doubtful. Good.
Castle Combe - -	1,555	355	97	—	{ Marquess of Lansdowne - Chippenham T.C. (part in bulk).	{ Wells - -	{ Fair.
Chippenham With- out.	6,202	2,465	563	380	{ Marquess of Lansdowne - Chippenham T.C. (part in bulk).	{ Wells - -	{ Fair.
Christian Malford -	2,761	520	133	40	{ Trustees of the late Sir H. Meux - —	{ Stream - - Spring - -	{ Good. Doubtful; distant from houses.
Colerne - - -	3,928	939	253	—	—	{ Wells - -	{ Some doubtful.
Corsham - - -	6,604	4,209	1,089	626	{ Lord Islington - - - Corsham Water Wks. Co. Ltd.	{ Wells - -	{ Some doubtful.
Draycot Cerne - -	1,015	123	33	—	—	{ Do. - -	{ Doubtful and inadequate at times.
Grittleton - - -	2,061	344	80	—	—	{ Do. - -	{ Doubtful and inadequate at times.
Hardenhuish - -	487	655	123	4	{ Chippenham T.C. - - - Wells - - -	{ Springs - - Wells - -	{ Good.
Kellaways - - -	333	45	8	—	—	{ Do. - -	{ Bad.
Kington Langley -	1,571	519	120	70	{ Chippenham T.C. - - - —	{ Do. - -	{ Bad.
Kington St. Mi- chael.	2,436	473	114	—	—	{ Do. - -	{ Bad.
Lacock - - -	3,734	1,131	283	140	{ Corsham Water Wks. Co. Ltd. Chippenham T.C. (part in bulk).	{ Do. - - Do. - -	{ Doubtful. Bad.
Langley Burrell Without.	1,814	713	178	73	{ Corsham Water Wks. Co. Ltd. Chippenham T.C. (part in bulk).	{ Do. - - Do. - -	{ Doubtful and inadequate at times.
Leigh Delamere -	1,237	110	29	—	—	{ Do. - -	{ Doubtful and inadequate at times.
Littleton Drew -	979	144	42	—	—	{ Do. - -	{ Doubtful and inadequate at times.
Nettleton - - -	1,971	348	109	12	{ West Gloucestershire Water Co. —	{ Wells and springs Wells - -	{ Doubtful. Good.
North Wraxall -	2,175	399	110	—	—	{ Wells - -	{ Good.
Pewsham - - -	2,286	382	100	14	{ Marquess of Lansdowne (bulk) Corsham Water Wks. Co. Ltd.	{ Wells & springs Wells - -	{ Fairly good.
Seagry - - -	1,083	212	53	—	—	{ Wells - -	{ Good.
Slaughterford - -	475	81	19	17	{ Lord Islington - - - —	{ Do. - -	{ Doubtful.
Stanton St. Quintin	1,807	256	69	—	—	{ Do. - -	{ Good.
Sutton Bengier -	1,288	354	89	—	—	{ Do. - -	{ Good.
West Kington - -	2,446	234	69	—	—	{ Do. - -	{ Fair.
Yatton Keynell -	1,759	488	122	—	—	{ Do. - -	{ Fair.
<b>Cricklade and Wootton Bas- sett R.D.:</b>							
Ashton Keynes - -	2,810	836	200	—	—	Wells - -	Good and adequate.
Braydon - - -	1,484	67	15	9	{ J. E. Ward, Esq. - - - Messrs. M. Owen & McNaught. Cricklade & Wootton Bassett R.D.C.		
Broad Town - - -	2,040	386	125	60	{ Do. - - - Do. - - -	Do. - -	Good and adequate.
Clyffe Pypard - -	3,272	342	105	72	{ Mrs. F. A. Wilson - - - Cricklade & Co., R.D.C. -		
Cricklade - - -	6,411	1,521	383	275	{ Cricklade & Co., R.D.C. - —	{ Do. - -	{ Fair; some inadequate.
Latton - - -	4,341	364	85	—	—	{ Do. - -	{ Good and adequate.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Wiltshire—cont.</b>							
<b>Cricklade and Wootton Bassett R.D.—cont.</b>							
Leigh - - -	1,461	264	70	—	—	Wells & rainwater	Some fair: some inadequate.
Lydiard Millicent -	2,338	807	200	39	H. Carter, Esq. - - -	Do. - - -	Good and adequate.
Lydiard Tregoze -	5,430	580	105	—	—		
Lyncham - - -	3,442	894	220	—	—		
Marston Meysey -	1,335	199	50	—	—	Do. - - -	Fair and adequate.
Purton - - -	6,465	2,578	626	219	Cricklade & Wootton B. R.D.C.		
Tockenham - - -	779	173	35	—	—		
Wootton Bassett -	5,126	1,991	525	241	Cricklade & Wootton B. R.D.C.	Do. - - -	Fair and adequate.
<b>Devizes R.D.:</b>							
All Cannings - -	3,354	423	100	—	—	Wells & springs	Good and plentiful.
Allington - - -	1,195	92	23	—	—		
Alton Barnes - -	609	151	28	—	—		
Beechingstoke - -	891	157	39	—	—		
Bishop's Cannings -	8,871	717	182	56	Commissioners of H.M. Woods &c., and Devizes T.C.		
Bromham - - -	3,519	1,146	282	—	—		
Chirton - - -	1,926	270	68	—	—		
Chittoe - - -	1,309	183	45	—	—		
Easterton - - -	1,653	323	85	—	—		
Erlestoke - - -	2,054	229	54	—	—		
Etchilhampton - -	935	148	38	—	—		
Great Cheverell - -	1,846	316	81	—	—		
Little Cheverell - -	1,025	185	46	—	—		
Marden - - -	1,286	152	39	—	—		
Market Lavington -	3,806	981	250	—	—		
Marston - - -	906	123	29	—	—		
Patney - - -	884	108	25	—	—		
Potterne - - -	3,187	1,145	281	—	—		
Poulshot - - -	1,531	285	72	—	—		
Roundway - - -	2,498	2,384	254	144	Devizes T.C. - - -		
Rowde - - -	2,605	873	202	—	—		
Stanton St. Bernard	2,043	232	54	—	—		
Stert - - -	757	149	33	—	—		
Urchfont - - -	6,285	790	226	—	—		
West Lavington - -	5,909	982	250	20	H. Thomas Holloway, Esq. -		
Worton - - -	971	310	74	—	—		
<b>Highworth R.D.:</b>							
Bishopstone - - -	3,520	449	118	10	Ecclesiastical Commissioners -	Wells and springs	Good.
Blunsdon St. Andrew.	3,784	834	243	57	Highworth R.D.C. - - -	Wells, springs and brooks.	
Castle Eaton - - -	1,979	225	55	—	—	River Thames and wells.	Fair.
Chisledon - - -	5,622	1,197	307	13	W. J. E. Warry Stone, Esq. -	Wells - - -	Good in part.
Hannington - - -	2,518	239	59	—	—	River Thames and wells.	Fair.
Highworth - - -	6,488	2,153	570	249	{ Highworth R.D.C. - - - C. H. Maudment, Esq. - - -	{ Wells & springs	Doubtful.
Inglesham - - -	1,238	144	31	25	Highworth R.D.C. - - -	Wells - - -	
Liddington - - -	2,538	357	102	13	Do. - - -	Wells, springs and rain-water.	Good.
Little Hinton - - -	2,161	245	63	—	—	Wells and brooks	
Rodbourne Cheney	2,361	1,913	448	237	{ NorthSwindonEstateCo., Ltd. Swindon T.C. - - -	{ Wells - - -	Doubtful.
South Marston - - -	1,911	387	97	—	—	Wells, canal and rain-water.	
Stanton Fitzwarren	1,113	160	35	—	—	Wells and springs	Fair.
Stratton St. Margaret.	2,859	3,689	797	296	Swindon T.C. - - -	Wells - - -	Generally good.
Wanborough - - -	4,514	764	195	78	{ Highworth R.D.C. - - - W. T. Robinson, Esq. - - - Governors of Charterhouse -	{ (a) Wells and springs (b) canal.	(a) Good, (b) bad.
Wroughton - - -	7,115	2,383	584	415	{ Swindon T.C. - - - Highworth R.D.C. - - -	{ Wells - - -	Good.
<b>Malmesbury R.D.:</b>							
Alderton - - -	1,637	141	44	—	—	Wells - - -	Good.
Brinkworth - - -	6,075	1,031	214	—	—	Ponds and wells	Indifferent and short in dry season.
Brokenborough - - -	2,614	388	63	—	—	Wells - - -	Good and adequate.
Charlton - - -	4,766	468	92	—	—	Ponds, wells and spring.	Indifferent & inadequate.
Crudwell - - -	4,899	702	145	—	—	Do. - - -	Indifferent and inadequate in summer.
Dauntsey - - -	3,258	364	73	73	Messrs. A. H. Bond and R. H. Edwards.	—	—
Easton Grey - - -	1,061	106	20	20	G. Wilder, Esq. - - -	—	—
Foxley - - -	1,135	73	22	—	—	Wells - - -	Good and adequate.
Garsdon - - -	1,128	159	32	—	—	Wells and ponds	Some good: some indifferent.
Great Somerford - -	1,660	464	101	—	—	{ Wells - - -	Good and adequate.
Hankerton - - -	2,203	240	51	—	—	—	—
Hullavington - - -	3,303	552	164	20	Eton College - - -	Wells - - -	Indifferent, but adequate.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Wiltshire—cont.</b>							
<b>Malmesbury R.D.</b>							
—cont.							
Lea and Cleverton	1,778	408	81	—	—	Wells and ponds	Some good, some indiffe- rent; adequate.
Little Somerford	1,210	308	65	—	—	Wells	Good and adequate.
Luckington	2,186	356	98	—	—	Do.	Doubtful, but adequate.
Malmesbury St.	7,174	996	185	67	{ Malmesbury R.D.C. - -	{ Do. - -	{ Some good, some indiffe- rent; adequate.
Paul Without.	3,778	757	130	—	{ Malmesbury T.C. - -	{ Ponds and wells	{
Minety	928	85	23	—	—	{ Wells - -	{
Norton	1,827	362	71	30	R. C. Warner, Esq. - -	{ Wells, springs & ponds.	{ Good and adequate.
Onksey	4,725	1,271	375	315	Malmesbury R.D.C. - -	—	—
Sherston	1,011	130	27	27	West Gloucestershire Water Co.	—	—
Sopworth	—	—	—	—	—	—	—
<b>Marlborough R.D.</b>							
Avebury	4,690	636	168	—	—	—	—
Berwick Bassett	1,391	74	25	—	—	—	—
Broad Hinton	3,114	350	83	—	—	—	—
East Kennett	788	59	19	—	—	—	—
Fyfield	1,555	179	54	—	—	—	—
Mildenhall	4,223	426	122	13	Marlborough T.C. (bulk)	—	—
North Savernake	2,394	146	30	—	—	—	—
Ogbourne St. An- drew.	5,387	428	102	—	—	—	—
Ogbourne St. George	3,571	482	113	—	—	Wells	Good and adequate.
Presbute Without	4,834	559	128	14	Marlborough T.C. (bulk)	—	—
South Savernake with Brimslade and Cadley.	3,531	194	50	—	—	—	—
West Overton	4,248	515	138	—	—	—	—
Winterbourne Bas- sett.	2,190	233	59	—	—	—	—
Winterbourne Monkton.	1,879	215	51	—	—	—	—
<b>Melksham R.D.</b>							
Hilperton	1,075	762	195	195	Trowbridge Water Co. - -	—	—
Melksham Without	7,930	2,614	616	501	Do. - -	Wells and springs	Doubtful.
Secord	2,759	940	244	45	Trowbridge Water Co. (bulk)	Wells	Do.
Semington	1,565	471	68	53	Trowbridge Water Co. - -	Wells and springs	Good and ample.
Staverton	434	192	45	35	Do. - -	Do.	Doubtful.
<b>Mere R.D.</b>							
East Knoyle	5,926	853	212	131	{ Exors. of the late G. Wynd- ham; also jointly with Miss Seymour.	{ Wells - -	{
Kilminster	2,877	363	91	28	Sir H. H. A. Hoare, Bart. - -	{ Wells and stream	{ Good and plentiful.
Kingston Deverill	2,737	168	56	—	—	{ Wells - -	{
Maiden Bradley	4,608	563	128	114	Duke of Somerset - -	{ Wells & streams	{
Mere	6,059	1,919	480	284	Mere R.D.C. - -	{ Wells - -	{
Monkton Deverill	1,814	123	31	—	—	{ Wells - -	{
Sedgehill	1,185	160	35	23	Mere R.D.C. - -	{ Wells - -	{
Stourton	3,496	453	114	55	Sir H. H. A. Hoare, Bart. - -	{ Do. - -	{
West Knoyle	2,016	137	30	30	Mere R.D.C. thro' Sir H. H. A. Hoare, Bart.	—	—
Zeals	1,591	434	158	—	—	Wells and stream	Good and plentiful.
<b>Pewsey R.D.</b>							
Alton Priors	1,909	175	36	—	—	—	—
Burbage	4,013	1,117	270	—	—	—	—
Charlton	1,734	120	32	—	—	—	—
Chute	3,256	390	96	—	—	—	—
Chute Forest	1,973	152	42	—	—	Wells	Good and adequate.
Collingbourne Ducis	3,431	385	100	—	—	—	—
CollingbourneKing- ston.	7,400	748	160	—	—	—	—
Easton	2,224	327	84	—	—	—	—
Enford	8,190	693	185	—	—	—	—
Everley	3,286	264	63	—	—	Do.	Bad.
Fittleton	3,213	308	80	—	—	—	—
Huish	738	96	26	—	—	—	—
Ludgershall	1,789	1,117	237	127	Capt. W. V. Faber, M.P. & E. H. Jellett, Esq.	—	—
ManningfordAbbots	931	132	27	—	—	—	—
Manningford Bohun	1,310	215	58	—	—	Do.	Good and adequate.
Manningford Bruce	1,113	240	62	—	—	—	—
Milton Lilbourne	3,588	538	136	—	—	—	—
Netheravon	3,535	741	110	—	—	—	—
North Newton	1,146	328	57	—	—	—	—
North Tidworth	3,095	1,541	55	—	—	—	—
Pewsey	4,784	1,731	402	136	Pewsey R.D.C. - -	—	—
Rushall	2,204	164	40	—	—	Do.	Liable to pollution, but adequate.
Upavon	3,352	430	109	—	—	—	—
Wilcot	3,022	529	133	—	—	—	—
Wilsford	1,759	130	40	—	—	Do.	Good and adequate.
Woodborough	1,023	367	88	—	—	—	—
Wootton Rivers	1,200	325	90	—	—	—	—



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Wiltshire—cont.</b>							
<b>Ramsbury R.D.:</b>							
Aldbourn -	8,490	1,069	267	—	—	Wells -	Good.
Baydon -	2,485	235	60	—	—	Rain-water -	Fair.
Buttermere -	1,502	119	23	—	—	Rain-water and ponds.	
Chilton Foliat -	2,202	386	102	—	—		
Froxfield -	2,292	288	89	—	—		
Grafton -	5,927	684	168	—	—		
Great Bedwyn -	4,007	880	207	—	—		
Ham -	1,652	192	45	—	—		
Little Bedwyn -	4,343	565	119	—	—	Wells -	Good.
Ramsbury -	9,873	1,784	455	—	—		
Shalbourne -	5,564	716	177	—	—		
Tidcombe and Fos- bury.	3,277	251	53	20	Mrs. Huth -		
<b>Salisbury R.D.:</b>							
Alderbury -	2,265	649	192	93	Earl of Radnor -	Wells, springs & rain-water,	Good.
Britford -	2,707	389	86	12		Do. -	Unsatisfactory.
Clarendon Park -	4,432	296	58	—			
Coombe Bissett -	2,397	263	80	—			
Downton -	4,891	1,933	491	—			
East Grimstead -	951	112	29	—			
Homington -	1,270	186	46	—			
Landford -	2,756	407	98	—			
Laverstock -	2,452	505	116	—			
No Man's Land -	14	127	36	—		Do. -	Good.
Nunton and Boden- ham.	1,215	285	80	59	Earl of Radnor -		
Odstock -	1,294	167	38	9	Do. -		
Pitton and Farley -	2,221	396	125	20	Messrs. H. T. & C. R. Parsons	Do. -	Unsatisfactory.
Redlynch -	5,452	1,299	330	—			
Standlynch with Charlton All Saints	3,167	408	92	—			
Stratford sub Castle	1,484	281	59	—			
Stratford Tony -	1,181	112	24	—			
West Dean -	2,818	187	44	—		Do. -	Good.
West Grimstead -	1,509	199	51	17	Earl of Radnor -		
West Harnham -	1,204	260	65	—			
Whiteparish -	6,074	873	238	15	W. F. Lawrence, Esq. -		
Winterslow -	5,236	844	243	—			
<b>Tisbury R.D.:</b>							
Alvediston -	2,534	193	42	—		Wells -	Good and plentiful.
Ansty -	1,382	227	59	6	Dowager Lady Arundell of Wardour.	Wells and springs	Some very good; some doubtful; plentiful.
Berwick St. John -	4,569	368	87	49	Col. A. H. Charlesworth -	Wells and rain- water.	Generally good.
Berwick St. Leonard	1,144	77	16	—			
Chicklade -	1,085	42	14	2	Hugh Morrison, Esq. -	Wells -	Good and plentiful.
Chilmark -	3,210	409	99	17	Do. -		
					Earl of Pembroke -		
					Col. A. H. Charlesworth -		
Donhead St. Andrew	2,848	643	145	11	Dowager Lady Arundell of Wardour.	Wells & stream	
					Do. Do. -		
Donhead St. Mary -	5,227	1,014	289	31	H. Blackburn, Esq. -	Do. -	Doubtful, but plentiful.
					S. J. Blanchard, Esq. -		
					Col. A. H. Charlesworth -		
East Tisbury -	2,718	828	201	8	Hugh Morrison, Esq. -	Wells and springs	Good and plentiful.
Fonthill Bishop -	1,797	137	35	—		Do. -	
Fonthill Gifford -	2,004	357	88	19	Lady Octavia Shaw Stewart		Some good, others doubtful.
Hindon -	228	405	128	—	Hugh Morrison, Esq. -	Do. -	
					Semley P.C.; F. Pike, Esq.; Capt. J. Benett Stanford;		
Semley -	2,984	628	141	95	Lady Octavia Shaw Stewart; Dowager Lady Arundell of Wardour.	Do. -	Good and plentiful.
Sutton Mandeville	1,326	188	49	—			
Swallowcliffe	1,350	230	59	11	Earl of Pembroke -		
Teffont Evias -	749	124	28	19	Tisbury R.D.C. -		
Teffont Magna -	1,734	226	59	53			
Tollard Royal -	1,854	185	53	—		Do. -	Doubtful, but plentiful.
					Dowager Lady Arundell of Wardour.		
Wardour -	2,015	825	187	58	Exors. of the late E. Northover	Wells & springs	Doubtful, but plentiful.
					Capt. J. Benett Stanford -		
West Tisbury -	2,805	697	168	41	Capt. J. Benett Stanford -	Wells & springs	Doubtful, but plentiful.
					Lady Octavia Shaw Stewart		
<b>Warminster R.D.:</b>							
Bishopstrow -	999	212	54	42	Warminster U.D.C. (bulk) -		
Boyton -	3,944	239	66	—			
Brixton Deverill -	2,487	80	20	—			
Chitterne -	5,667	487	136	—			
Codford St. Mary -	2,129	268	80	—			
Codford St. Peter -	1,668	274	72	—			
Corsley -	3,056	791	235	136	Marquess of Bath; partly thro' Warminster and Westbury and Whorwellsdown R.D.C.s	Wells -	Generally good.
Heytesbury -	5,200	553	158	110	Heytesbury Water Co., Ltd. -		
Hill Deverill -	1,548	86	24	8	Marquess of Bath -		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Wiltshire—cont.</b>							
<b>Warminster R.D.</b>							
—cont.							
Horningsham -	3,449	615	198	36	Marquess of Bath -	Wells -	Generally good.
Imber -	3,052	252	76	—	—		
Knook -	1,520	93	26	—	—		
Longbridge Deverill -	3,811	561	180	5	Marquess of Bath -		
Norton Bavant -	1,856	192	40	30	Heytesbury Water Co., Ltd. thru' Mrs. Thos. Stanford.		
Sherrington -	1,315	97	35	—	—		
Stockton -	2,122	200	56	—	—		
Sutton Veny -	4,111	566	170	—	—		
Upton Lovell -	1,424	174	52	—	—		
Upton Scadamore -	2,538	217	59	47	Warminster U.D.C. - Warminster R.D.C. -		
<b>Westbury and Whorwellsdown R.D.:</b>							
Bratton -	3,695	610	152	—	—	Wells and springs	Good.
Bulkington -	974	166	44	—	—	Wells and river	Bad.
Dilton Marsh -	3,087	1,439	381	296	Westbury and Dilton Marsh Joint Water Committee. Marquess of Bath thru' War- minster and Westbury and Whorwellsdown R.D.C.s.	Wells, springs and streams.	Fair and sufficient.
East Coulston -	875	85	21	—	—	Spring -	Generally good.
Edington -	5,765	726	201	—	—	Wells and springs	
Great Hinton -	676	162	38	—	—	Wells -	Fair and sufficient.
Heywood -	1,614	437	102	74	Trowbridge Water Co. (bulk) -	Do. -	Bad.
Keevil -	2,063	376	91	—	—	Do. -	Very doubtful.
North Bradley -	1,768	818	224	189	Trowbridge Water Co. -	Wells & stream -	Bad.
Southwick -	2,473	801	221	115	Do. -	Wells -	Very indifferent and in- adequate in dry weather.
Steeple Ashton -	2,831	668	164	96	Westbury and Whorwellsdown R.D.C.	Wells -	Doubtful.
West Ashton -	2,025	322	71	8	Trowbridge Water Co. -	Do. -	Doubtful, but ample.
<b>Wilton R.D.:</b>							
Barford St. Martin -	2,699	468	120	—	—	Wells and springs	Do.
Baverstock -	836	63	16	—	—		
Bemerton -	1,794	1,831	471	406	Fisherton, Anger and Bem- erton Waterworks Co.		
Berwick St. James -	2,497	173	43	—	—		
Bishopstone -	4,649	547	127	—	—		
Bower Chalke -	3,260	448	110	—	—		
Broad Chalke -	6,966	623	156	—	—		
Burcombe Without -	1,835	238	62	—	—		
Compton Chamber- layne.	1,878	213	64	—	—		
Dinton -	2,567	449	112	51	Earl of Pembroke -		
Ebbesborne Wake -	3,753	275	65	—	—	Wells and springs	Do.
Fisherton de la Mere -	2,834	241	58	14	J. Young, Esq. -		
Fovant -	2,203	404	105	50	Wilton R.D.C. -		
Great Wishford -	1,679	249	70	—	—		
Groveley Wood -	1,469	61	11	—	—		
Little Langford -	1,020	68	18	—	—		
Netherhampton -	778	139	39	—	—		
South Newton	3,123	478	90	—	—		
Without.	—	—	—	—	—		
Stapleford -	2,118	213	68	—	—		
Steeple Langford -	4,018	506	115	—	—	Wells -	Do.
Wylve -	2,314	392	105	—	—		
<b>WORCESTER-SHIRE.</b>							
Bewdley B. -	2,105	2,745	633	611	Bewdley T.C. -	Wells -	Fairly good.
Bromsgrove U.D.	1,068	8,926	1,969	1,956	East Worcestershire Water- works Co.	Springs -	Good.
Droitwich B. -	1,856	4,146	948	885	E. Worcestershire Waterwks. Co. (bulk).	Wells -	Good.
Dudley C.B. -	3,546	51,079	10,761	10,718	South Staffordshire Water Works Co.	Do. -	Satisfactory and adequate.
Evesham B. -	2,265	8,340	1,803	1,787	Evesham T.C. -	Wells and springs	Bad and indifferent.
* Kidderminster B.	2,504	27,544	5,928	5,695	Kidderminster T.C. -	Wells -	Satisfactory.
Lye and Wolles- cote U.D.	784	11,684	2,456	2,427	Stourbridge & District Water Board.	(a) Wells, (b) springs.	(a) Fairly good, (b) good.
Malvern U.D. -	4,774	16,513	3,398	3,107	Malvern U.D.C. -	Wells & springs	Generally good.
North Bromsgrove U.D.	10,592	7,210	1,458	923	East Worcestershire Water- works Co.	Wells -	Unsatisfactory.
Oldbury U.D. -	3,527	32,232	6,927	6,839	S. Staffordshire Water Wks. Co.	Springs -	Good and generally adequate.
Redditch U.D. -	1,023	15,463	3,487	3,465	E. Worcestershire Water Wks. Co.	Wells, springs, rivers and streams.	Good.
Stourbridge U.D. -	1,929	17,312	3,883	3,868	Stourbridge & Dist. Water Bd.	Wells & springs	Satisfactory.
Stourport U.D. -	1,340	4,432	994	953	Bewdley T.C. (bulk) -	Wells -	Satisfactory & adequate.
Worcester C.B. -	3,185	47,982	10,985	10,970	Worcester T.C. -	Wells & springs	Satisfactory.

\* Kidderminster B.—As extended from 9th November 1912.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Worcestershire— cont.</b>							
<b>Bromsgrove R.D. :</b>							
Alvechurch -	6,798	2,207	470	105	Birmingham T.C. -	Wells & springs	Satisfactory.
Belbroughton -	4,748	1,831	420	20	E. Worcestershire Waterwks.Co. Do. (bulk)		
Bentley Paucefoot -	1,688	241	57	12	E. Worcestershire Waterwks.Co.	Wells	Fair.
Beoley -	4,719	598	148	—	—		
Clent -	2,424	1,156	265	88	Stourbridge & Dist. Water Bd.	Wells & springs	Satisfactory.
Cotton Hackett -	1,367	324	78	—	—		
Frankley -	1,934	161	35	6	Birmingham T.C. -	Wells & springs	Satisfactory.
Grafton Manor -	1,509	52	7	3	E. Worcestershire Waterwks.Co.		
Hagley -	2,431	1,541	350	185	Stourbridge & Dist. Water Bd.	Wells & springs	Satisfactory.
Hunnington -	994	288	56	3	S. Staffordshire Water Wks. Co.		
North Redditch -	1,406	230	45	17	E. Worcestershire Water Wks.Co.	Wells & springs	Satisfactory.
Pedmore -	1,510	502	100	61	Stourbridge & Dist. Water Bd.		
Romsley -	1,806	397	105	9	S. Staffordshire Water Wks Co.	Wells	Fair.
Stoke Prior -	3,833	3,042	670	406	—		
Tutnall and Cobley -	3,511	506	110	54	East Worcestershire Water- works Co.	Wells	Fairly good and sufficient.
Webbeath -	2,185	786	175	120	—		
Wythall -	4,184	1,145	293	—	—	Wells	Fairly good and sufficient.
<b>Droitwich R.D. :</b>							
Crowle -	1,735	512	137	—	—	Wells	Fairly good and sufficient.
Crutch -	327	6	1	—	—		
Dodderhill -	3,512	1,511	379	166	E. Worcestershire Waterwks. Co.	Do.	Good and sufficient.
Doverdale -	749	44	12	—	—		
Elmbridge -	1,778	315	87	—	—	Wells and ponds	Wells good ; ponds doubt- ful ; adequate.
Elmley Lovett -	2,365	327	74	—	—		
Hadzor -	996	136	28	2	E. Worcestershire Waterwks.Co.	Wells and ponds	Wells good ; ponds doubt- ful ; adequate.
Hampton Lovett -	2,041	203	48	—	—		
Hanbury -	7,790	782	219	—	—	Wells	Good and sufficient.
Hartlebury -	5,355	2,514	605	2	Kidderminster T.C. -		
Himbleton -	2,373	392	102	—	—	Wells	Good and sufficient.
Hindlip -	1,363	179	49	—	—		
Huddington -	981	79	19	—	—	Wells	Good and sufficient.
Martin Hussington -	922	164	40	—	—		
North Claines -	3,403	2,315	591	95	Worcester T.C. -	Wells and ponds	Wells good ; ponds doubt- ful ; adequate.
Oddingley -	894	110	31	—	—		
Ombersley -	7,129	1,942	545	—	—	Wells	Good and sufficient.
Salwarpe -	1,763	330	96	—	—		
Stock and Bradley -	1,151	230	58	—	—	Wells and ponds	Wells good ; ponds doubt- ful ; adequate.
Tibberton -	1,271	317	78	—	—		
Upton Warren -	2,520	273	64	5	E. Worcestershire Waterwks. Co.	Wells	Good and sufficient.
Warndon -	827	119	33	—	—		
Westwood Park -	741	47	9	—	—	Wells	Good and sufficient.
Worcester St. Mar- tin County.	1,093	128	26	—	—		
<b>Evesham R.D. :</b>							
Abbots Lench -	884	52	12	—	—	Wells	Good and sufficient.
Aldington -	675	149	38	34	Evesham T.C. (bulk) -		
Badsey -	1,208	1,127	253	245	Evesham & Pebworth R.D.C.'s	Wells	Good and sufficient.
Bretforton -	1,706	688	167	150	Evesham R.D.C. -		
Broadway -	4,990	1,793	422	400	Evesham & Pebworth R.D.C.'s	Wells	Good and sufficient.
Church Honey- bourne.	1,339	131	29	26	—		
Church Lench -	2,572	386	96	—	—	Wells	Good and sufficient.
Cleeve Prior -	1,521	260	88	84	Evesham & Pebworth R.D.C.'s		
Great and Little Hampton.	1,693	1,314	291	285	Evesham T.C. (bulk) -	Do.	Not satisfactory.
Hampton -	1,310	560	144	—	—		
North and Middle Littleton.	1,706	352	83	80	Evesham & Pebworth R.D.C.'s	Do.	Good and sufficient.
Norton and Lench- wick.	2,656	403	103	67	Evesham T.C. (bulk) -		
Offenham -	1,235	644	145	—	Sir Chas. Swinfen Eady	Do.	Not satisfactory.
Rous Lench -	1,494	204	55	—	—		
Sedgeberrow -	1,020	339	84	80	Evesham & Pebworth R.D.C.'s	Do.	Good and sufficient.
South Littleton -	813	434	102	100	—		
Wickhamford -	1,266	259	57	57	Evesham T.C. (bulk) -	Wells and streams.	Variable.
<b>Feckenham R.D. :</b>							
Abbots Morton -	1,474	160	48	—	—	Wells and streams.	Variable.
Feckenham -	6,850	3,859	875	272	East Worcestershire Water- works Co. (bulk).		
Inkberrow -	6,879	1,437	490	—	—	Wells	Good and sufficient.
<b>Halesowen R.D. :</b>							
Cakemore -	622	3,574	730	437	South Staffordshire Water Works Co.	Wells	Good and sufficient.
Cradley -	818	7,275	1,487	1,386	Do.		
Halesowen -	175	4,121	901	901	Do.	Wells	Good and sufficient.
Hasbury -	861	3,519	719	559	Do.		
Hawne -	323	1,708	360	244	Do.	Wells	Good and sufficient.
Hill -	889	5,031	1,093	605	Birmingham T.C. -		
Illey -	495	138	31	5	—	Wells	Good and sufficient.
Lapal -	855	269	71	—	—		
Lutley -	447	169	36	19	South Staffs. Water Wks. Co.	Wells	Good and sufficient.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Worcestershire—</b>							
<i>cont.</i>							
<b>Kidderminster</b>							
<b>R.D.:</b>							
Broom - - -	731	128	23	—	—	Well - - -	—
Chaddesley Corbett - - -	6,079	1,382	319	—	—	Well and spring - - -	Good.
Churchill - - -	954	154	41	—	—	Well - - -	—
Dowles - - -	710	73	15	—	—	Do. - - -	—
Kidderminster - - -	5,877	663	113	2	Kidderminster T.C.	Do. - - -	Fairly good.
Foreign.	—	—	—	—	—	—	—
Ribbesford - - -	1,608	93	14	—	—	Wells and springs - - -	Good.
Rushock - - -	1,257	153	36	—	—	Well - - -	—
Stone - - -	2,516	566	122	—	—	Wells and springs - - -	Wells fairly good, springs good.
Upper Arley - - -	3,969	634	149	—	—	Do. - - -	Good.
Wolverley - - -	5,468	2,084	492	11	Kidderminster T.C.	Do. - - -	Wells fairly good, springs good.
Wribbenhall - - -	2,398	1,273	322	29	Bewdley T.C.	Do. - - -	Good.
<b>Martley R.D.:</b>							
Abberley - - -	2,360	504	132	—	—	—	—
Alfrick - - -	1,648	356	88	—	—	—	—
Areley Kings - - -	1,503	775	206	—	—	—	—
Astley - - -	3,031	696	176	—	—	—	—
Bransford - - -	1,062	263	59	—	—	—	—
Broadwas - - -	1,108	286	75	—	—	—	—
Clifton upon Teme - - -	2,976	415	98	46	Martley R.D.C.	—	—
Cotheridge - - -	2,144	180	42	—	—	—	—
Doddenham - - -	908	260	49	—	—	—	—
Great Witley - - -	2,672	374	85	—	—	—	—
Grimley - - -	2,471	596	158	—	—	—	—
Hillhampton - - -	800	105	26	—	—	—	—
Holt - - -	1,999	315	61	—	—	—	—
Kenswick - - -	425	29	7	—	—	—	—
Knightwick - - -	857	172	34	—	—	—	—
Leigh - - -	4,941	1,217	231	—	—	Wells: and spring in Areley Kings.	Satisfactory and sufficient.
Little Witley - - -	1,018	153	42	—	—	—	—
Lower Sapey - - -	1,696	151	51	—	—	—	—
Lulsley - - -	843	182	42	—	—	—	—
Martley - - -	4,421	864	196	—	—	—	—
North Hallow - - -	3,358	1,361	329	—	—	—	—
Pensax - - -	1,197	389	96	—	—	—	—
Shelsley Beauchamp - - -	1,284	241	57	—	—	—	—
Shelsley Kings - - -	1,035	280	58	—	—	—	—
Shelsley Walsh - - -	495	66	12	—	—	—	—
Shrawley - - -	1,941	417	114	—	—	—	—
Stanford on Teme - - -	1,272	158	37	—	—	—	—
Stockton on Teme - - -	799	116	29	—	—	—	—
Suckley - - -	9,262	570	141	—	—	—	—
Wichenford - - -	2,866	365	82	—	—	—	—
Worcester St. John Bedwardine County.	3,348	1,207	304	116	Worcester T.C.	—	—
<b>Pershore R.D.:</b>							
Abberton - - -	999	72	18	—	—	Wells - - -	Satisfactory.
Besford - - -	1,383	130	35	—	—	Wells - - -	Unsatisfactory and inadequate in parts.
Birlingham - - -	1,272	330	74	—	—	Do. - - -	Unsatisfactory in parts, but adequate.
Bishampton - - -	1,910	324	88	60	Pershore R.D.C.	—	—
Bredicot - - -	399	45	11	—	—	—	—
Bricklehampton - - -	914	184	44	19	W. H. Bagnall, Esq.	Do. - - -	Satisfactory.
Broughton Hackett - - -	386	133	38	—	—	—	—
Charlton - - -	1,599	471	102	—	—	Wells and rain-water. - - -	Unsatisfactory, but adequate.
Churchill - - -	670	65	12	—	—	Wells - - -	Satisfactory.
Crothorne - - -	1,538	353	97	—	—	Wells & springs - - -	Unsatisfactory, but generally adequate.
Defford - - -	1,691	407	102	—	—	Wells - - -	Unsatisfactory and inadequate in summer.
Dormeston - - -	820	65	20	—	—	Wells, ponds, rain-water. - - -	Unsatisfactory.
Eckington - - -	2,165	689	188	—	—	Wells, spring & rain-water. - - -	Unsatisfactory, but fairly sufficient.
Elmley Castle - - -	2,062	310	78	55	Major-General F. J. Davies	Wells - - -	Satisfactory.
Fladbury - - -	1,573	468	127	—	—	Wells and rain-water. - - -	Unsatisfactory, but fairly sufficient.
Flyford Flavell - - -	692	103	33	—	—	Wells - - -	Liable to pollution and inadequate.
Grafton Flyford - - -	1,680	179	44	—	—	Wells and ponds - - -	Unsatisfactory & inadequate.
Great Comberton - - -	965	216	60	43	Major R. Hanford	Wells - - -	Satisfactory.
Hill and Moor - - -	1,368	392	97	—	—	Wells and rain-water. - - -	Unsatisfactory, but ample.
Kington - - -	1,071	79	25	—	—	Wells - - -	Satisfactory.
Little Comberton - - -	790	196	60	58	Little Comberton Parish Meeting	Wells - - -	—
Naunton Beauchamp.	1,030	92	26	—	—	Wells and rain-water. - - -	Unsatisfactory and inadequate.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Worcestershire—</b>							
<i>cont.</i>							
<b>Pershore R.D.—</b>							
<i>cont.</i>							
Netherton - - -	737	40	10	3	Major-General F. J. Davies -	Wells - -	Satisfactory.
North Piddle - -	797	85	27	—	—	Do. - -	Unsatisfactory, but ade- quate.
Norton juxta Kempsey. - - -	1,844	999	139	—	—	Wells and rain- water. - -	Bad and distant from houses.
Peopleton - - -	1,539	290	65	—	—	Do. do. - -	Doubtful and inadequate.
Pershore Holy Cross	4,594	2,632	663	—	—	Wells - -	Unsatisfactory, but ade- quate in parts.
Pershore St. Andrew	1,543	830	211	—	—	Wells and rain- water. - -	Doubtful and often inade- quate.
Pinvin - - -	1,073	457	98	—	—	Wells - -	Satisfactory.
Pirton - - -	1,690	202	49	—	—	Wells and rain- water. - -	Unsatisfactory, but fairly sufficient.
Spetchley - - -	780	107	25	5	Worcester T.C. (bulk) -	Wells - -	Unsatisfactory and insuffi- cient.
Stoulton - - -	1,959	329	86	—	—	Do. - -	Satisfactory.
Strensham - - -	1,970	258	58	—	—	Wells and rain- water. - -	Unsatisfactory, but ade- quate.
Throckmorton - -	1,522	126	32	18	Sir N.W.G. Throckmorton, Bart.	Wells - -	Satisfactory.
Upton Snodsbury -	1,691	277	80	—	—	Do. - -	Satisfactory.
White Ladies Aston	1,236	225	70	—	—	Wells and rain- water. - -	Unsatisfactory, but ade- quate.
Whittington - - -	1,108	412	99	52	Worcester T.C. (bulk) -	Wells - -	Satisfactory.
Wick - - -	1,682	275	70	—	—	Do. - -	Satisfactory.
Worcester St. Peter the Great County.	605	124	21	—	—	Wells and rain- water. - -	Unsatisfactory, but ade- quate.
Wyre Piddle - - -	381	264	66	60	Pershore R.D.C. - - -	Wells - -	Satisfactory.
<b>Rock R.D.:</b>							
Bayton - - -	2,257	489	91	12	Exors. of the late Hugh Gurney	Wells & springs	Fairly good.
Mamble - - -	2,285	196	38	—	—	—	—
Rock - - -	8,772	1,508	323	—	—	—	—
<b>Shipston on Stour R.D.:</b>							
Alderminster - -	3,229	439	102	—	—	Wells - -	—
Blockley - - -	7,896	1,845	657	617	{ Lord Redesdale (part in bulk) Shipston on Stour R.D.C. - E. G. Spencer Churchill, Esq. Earl Fortescue (bulk) -	Wells & springs	Satisfactory.
Shipston on Stour -	1,220	1,542	350	335	—	Wells - -	—
Tidmington - - -	774	61	10	—	—	Do. - -	Satisfactory, but inade- quate in part.
Tredington - - -	5,347	824	220	—	—	—	—
<b>Tenbury R.D.:</b>							
Bockleton - - -	2,755	226	55	—	—	Wells - -	Good and sufficient.
Eastham - - -	2,155	264	61	—	—	—	—
Hanley Child - -	1,191	169	39	—	—	—	—
Hanley William -	1,165	130	28	—	—	—	—
Knighton on Teme	2,593	555	121	—	—	—	—
Kyre Magna - - -	1,516	106	31	—	—	Wells - -	Good and sufficient.
Kyre Parva - - -	900	107	25	—	—	—	—
Lindridge - - -	2,496	641	143	—	—	—	—
Orleton - - -	546	64	18	—	—	—	—
Rochford - - -	1,372	310	70	—	—	—	—
Stoke Bliss - - -	1,163	139	38	—	—	—	—
Tenbury - - -	5,582	2,016	454	274	Tenbury R.D.C. - - -	—	—
<b>Upton upon Severn R.D.:</b>							
Berrow - - -	2,207	332	83	—	—	Wells - -	Good.
Birtsmorton - - -	1,291	218	68	—	—	—	—
Bushley - - -	1,834	259	64	—	—	—	—
Castlemorton - -	3,701	791	177	—	—	—	—
Croome D'Abitôt -	1,178	188	30	—	—	—	—
Earls Croome - -	1,153	170	40	—	—	—	—
Eldersfield - - -	3,387	547	142	—	—	—	—
Guarlford - - -	2,759	1,102	249	54	Malvern U.D.C. - - -	—	—
Hanley Castle - -	4,427	1,187	257	—	—	—	—
Hill Croombe - -	993	188	42	—	—	—	—
Holdfast - - -	697	86	21	—	—	Wells - -	Good.
Kempsey - - -	3,238	1,505	344	30	Worcester T.C. - - -	—	—
Little Malvern -	721	102	20	—	—	—	—
Longdon - - -	3,941	402	108	—	—	—	—
Madresfield - - -	883	193	39	37	Earl Beauchamp - - -	—	—
Newland - - -	800	211	68	—	—	—	—
Powick - - -	5,250	2,964	392	30	Upton upon Severn R.D.C. -	—	—
Queenhill - - -	688	75	19	—	—	—	—
Ripple - - -	2,462	705	203	—	—	—	—
Severn Stoke - -	3,326	648	149	—	—	—	—
Upton upon Severn	3,211	2,222	557	—	—	—	—
Welland - - -	1,388	501	126	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>YORKSHIRE, EAST RIDING.</b>							
Beverley B. - -	2,404	13,654	3,247	1,704	Beverley T.C. - - -	Wells - -	Variable.
Bridlington B. -	2,751	14,334	3,517	3,508	Bridlington T.C. - - -	Do. - -	Good and adequate.
Cottingham U.D. -	7,920	4,648	1,109	495	Kingston upon Hull T.C.(bulk)	Wells & rainwater	Good and ample.
Filey U.D. - -	832	3,228	757	757	Filey U.D.C. - - -	—	—
Great Driffield U.D.	5,004	5,676	1,354	452	Driffield Water Co. - -	Wells, springs, and bores.	Satisfactory and adequate.
Hedon B. - -	321	1,171	287	—	—	Wells - -	Unsatisfactory.
Hessle U.D. - -	2,112	5,319	1,191	591	Kingston upon Hull T.C. -	Wells and springs	Good and abundant.
Hornsea U.D. - -	3,292	3,024	723	643	Hornsea U.D.C. - - -	Wells - -	Satisfactory and sufficient.
Kingston upon Hull C.B. - -	9,042	277,391	60,803	60,783	Kingston upon Hull T.C. -	{ Do. - - Rain-water	{ Good. Fairly good.
Norton U.D. - -	2,840	3,990	924	894	Norton U.D.C. - - -	{ Wells - -	{ Satisfactory and plentiful.
Pocklington U.D. -	2,623	2,556	604	325	Pocklington Water Co., Ltd. -	Wells & rainwater	Fair and moderate.
Withernsea U.D. -	882	2,384	566	—	—	—	—
York C.B. - -	3,730	82,282	17,517	17,517	York Waterworks Co. - -	—	—
<b>Beverley R.D. :</b>							
Aike - - -	540	72	14	—	—	—	—
Beswick - - -	2,029	166	39	—	—	—	—
Bishop Burton - -	4,263	406	92	—	—	—	—
Brantingham - -	1,591	307	64	50	{ Elloughton & Brough Water Co. ; Sir J. Sherburn.	{ Wells - -	{
Cherry Burton - -	3,469	366	83	—	—	—	—
Ellerker - - -	2,264	281	70	—	—	—	—
Elloughton with Brough. - - -	1,627	1,067	242	200	Elloughton, &c., Water Co. -	Wells and stream	—
Eske - - -	1,088	50	6	—	—	—	—
Etton - - -	3,729	428	94	—	—	—	—
Holme on the Wolds	1,516	131	27	17	Lord Hotham - - -	—	—
Kilnwick - - -	1,700	198	44	—	—	—	—
Leconfield and Arram. - - -	3,619	325	60	—	—	{ Wells - -	{
Leven - - -	4,008	740	175	—	—	—	—
Lockington - - -	3,216	471	107	—	—	—	—
Lund - - -	3,078	408	88	—	—	—	—
Meaux - - -	1,409	72	12	—	—	—	—
Molescroft - - -	1,360	220	47	10	Beverley T.C. - - -	—	Good.
North Newbald - -	3,976	569	132	—	—	Wells and stream	—
Routh - - -	2,438	161	28	—	—	Wells - -	—
Rowley - - -	6,428	544	109	—	—	Wells & rainwater	—
Scarbrough - - -	1,385	98	15	—	—	—	—
Skidby - - -	1,256	296	72	—	—	—	—
South Cave - - -	4,432	956	234	200	Trustees of the late G. G. Macturk.	—	—
South Dalton - -	1,848	254	51	40	Lord Hotham - - -	—	—
South Newbald - -	1,982	149	36	—	—	—	—
Storkhill and Sand- holme. - - -	320	39	12	—	—	{ Wells - -	{
Thearne - - -	686	119	23	—	—	—	—
Tickton and Hull Bridge. - - -	775	278	61	—	—	—	—
Walkington - - -	3,729	1,288	150	—	—	—	—
Wawne - - -	3,718	308	63	—	—	—	—
Weel - - -	1,131	123	28	—	—	—	—
Woodmansey and Beverley Parks.	3,118	737	116	—	—	—	—
<b>Bridlington R.D. :</b>							
Argam - - -	559	32	5	—	—	—	—
Barmston - - -	2,391	198	32	—	—	—	—
Bempton - - -	1,977	296	75	—	—	—	—
Bessingby - - -	1,550	228	40	38	Bridlington T.C. through A. G. W. Wright, Esq.	—	—
Boynston - - -	2,617	147	24	—	—	—	—
Buckton - - -	1,982	165	33	—	—	—	—
Burton Agnes - -	2,554	340	61	—	—	—	—
Carnaby - - -	1,944	189	31	—	—	—	—
Dringhoe, Upton and Brough. - -	1,703	113	23	—	—	—	—
Easton - - -	734	38	3	—	—	{ Wells - -	{ Poor and inadequate.
Flamborough - -	3,081	1,169	230	220	Bridlington R.D.C. - -	—	—
Fordon - - -	1,464	39	5	—	—	—	—
Fraisthorpe with Auburn and Wilsthorpe. - -	2,307	100	14	—	—	—	—
Gransmoor - - -	1,308	85	17	—	—	—	—
Grindale - - -	2,431	183	25	—	—	—	—
Haisthorpe - - -	1,390	112	24	—	—	—	—
Hunmanby - - -	6,994	1,370	310	25	Filey U.D.C. - - -	—	—
Lissett - - -	1,152	97	19	—	—	—	—



County. District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, East Riding—cont.</b>							
<b>Bridlington R.D.—cont.</b>							
North Barton -	3,910	440	101	—	—	—	—
Beighton -	1,827	183	54	—	—	—	—
Rushton -	5,547	566	94	—	—	—	—
Sewerby cum Marton -	2,036	306	78	—	—	—	—
Skipsca -	1,523	326	91	—	—	Wells -	Poor and inadequate.
Speeton -	1,852	150	22	—	—	—	—
Thornholme -	1,202	77	16	—	—	—	—
Thwing -	4,026	339	69	—	—	—	—
Ulrome -	1,576	157	49	—	—	—	—
Wold Newton -	2,030	298	71	—	—	—	—
<b>Driffield R.D. :</b>							
Bainton -	2,982	337	83	—	—	—	—
Beeford -	3,754	651	174	—	—	—	—
Bracken -	677	22	3	—	—	Wells -	—
Brigham -	1,398	74	14	—	—	—	—
Butterwick -	1,781	75	12	—	—	—	—
Cottam -	2,590	92	13	—	—	Rain-water -	—
Cowlam -	2,052	66	11	—	—	—	—
Eastburn -	823	25	4	—	—	—	—
Emswell with Little Driffield.	2,590	275	68	—	—	Wells -	—
Fimber -	1,927	169	33	—	—	Rain-water -	—
Foston on the Wolds	1,118	218	62	—	—	—	—
Foxholes with Boythorpe.	2,523	247	52	—	—	Wells -	—
Garton on the Wolds	4,146	414	100	—	—	—	—
Gembling -	1,236	96	19	—	—	—	—
Great Kelk -	1,174	143	34	—	—	Wells and bores	—
Harpham -	2,258	214	38	—	—	Wells -	—
Helpthorpe -	2,593	156	29	—	—	Wells and bores	—
Hutton Cranswick -	4,741	967	271	—	—	—	—
Kilham -	8,176	959	253	—	—	—	—
Kirkburn and Battleburn.	1,410	121	28	—	—	—	—
Langtoft -	3,584	529	134	—	—	—	—
Little Kelk -	727	58	15	—	—	Wells -	Generally satisfactory.
Lowthorpe -	1,967	168	34	—	—	—	—
Luttons Ambo -	2,624	317	74	—	—	—	—
Middleton on the Wolds.	3,664	646	160	—	—	—	—
Nafferton -	4,832	1,207	321	194	Driffield R.D.C.	Wells, bores and springs.	—
Neswick -	987	60	12	—	—	—	—
North Dalton -	4,639	459	109	—	—	—	—
North Frodingham	3,137	547	160	—	—	Wells -	—
Rosca -	806	35	6	—	—	—	—
Ruston Parva -	972	101	18	—	—	—	—
Skerne -	2,762	198	41	—	—	—	—
Sledmere -	7,043	559	96	—	—	Wells and rain-water.	—
Southburn -	1,103	95	21	—	—	—	—
Sunderlandwick -	902	88	16	—	—	Wells -	—
Tibthorpe -	2,885	231	58	—	—	—	—
Towthorpe -	1,712	92	10	—	—	Rain-water -	—
Wansford -	973	167	40	—	—	Wells and bores	—
Watton -	4,736	311	53	—	—	Wells -	—
Weaverthorpe -	2,977	380	119	—	—	—	—
Wetwang -	3,436	540	134	—	—	Wells & rainwater	—
<b>Eserick R.D. :</b>							
Deighton -	2,001	196	40	—	—	—	—
Dunnington -	2,246	726	167	—	—	—	—
Elvington -	2,366	301	74	—	—	—	—
Eserick -	4,349	597	111	—	—	—	—
Grimston -	796	56	15	—	—	—	—
Heslington -	2,644	521	110	—	—	—	—
Kexby -	1,892	130	22	—	—	—	—
Langwith -	793	52	6	—	—	—	—
Naburn -	2,631	541	120	—	—	Wells -	Generally satisfactory.
Stillingfleet with Moreby.	2,586	326	58	—	—	—	—
Thorganby with West Coltingwith.	2,921	350	72	—	—	—	—
Water Fulford -	1,485	1,408	198	4	York Waterworks Co.	—	—
West Stamford Bridge with Scoreby.	1,946	138	27	—	—	—	—
Wheldrake -	4,511	530	102	—	—	—	—
<b>Howden R.D. :</b>							
Asselby -	980	205	50	—	—	—	—
Aughton -	1,947	129	26	—	—	—	—
Balkholme -	1,059	76	14	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Yorkshire, East Riding—cont.</b>									
<b>Howden R.D.—cont.</b>									
Barmby on the Marsh.	1,474	344	91	—	—	Wells, springs, ponds, streams, River Ouse, canal, and rain-water.	Doubtful.		
Belby - - -	582	20	4	—	—				
Bellasis - - -	1,452	128	26	—	—				
Bishopscote - -	1,993	249	56	—	—				
Blacktoft - - -	1,761	473	104	—	—				
Brackenholme with Woodhall.	1,332	86	16	—	—				
Brighton & Gunby	1,746	135	29	—	—				
Broomfleet - - -	1,883	298	72	—	—				
Bubwith - - -	1,545	469	121	—	—				
Cotness - - -	576	26	8	—	—				
Eastrington - -	2,050	424	100	—	—				
Ellerton Priory -	2,562	271	59	—	—				
Faxfleet - - -	1,722	171	34	—	—				
Foggathorpe - -	1,323	128	26	—	—				
Gilberdike - - -	1,042	311	76	—	—				
Gribthorpe - - -	902	31	5	—	—				
Harlthorpe - - -	759	54	13	—	—				
Hemingbrough -	1,123	513	135	—	—				
Holme upon Spalding Moor.	11,522	1,685	337	—	—				
Hotham - - -	2,826	301	73	—	—				
Howden - - -	2,928	2,007	483	—	—				
Kilpin - - -	715	420	93	—	—				
Knedlington - -	558	93	23	—	—				
Laxton - - -	1,118	241	58	—	—				
Laytham - - -	1,435	69	14	—	—				
Menthorpe cum Bowthorpe.	1,088	44	12	—	—				
Metham - - -	897	53	10	—	—				
North Cave with Everthorpe and Drowton.	5,143	1,033	243	—	—				
Portington & Cavil	1,236	76	15	—	—				
Saltmarshe - - -	856	102	22	—	—				
Scalby - - -	1,348	179	41	—	—				
Skelton - - -	1,320	279	56	—	—				
Spaldington - -	3,544	214	48	—	—				
Thorpe - - -	265	46	9	—	—				
Wallingfen - - -	2,438	819	185	—	—				
Willitof - - -	873	56	11	—	—				
Wressell - - -	3,981	264	56	—	—				
Yoketfleet - - -	1,173	130	27	—	—				
<b>Norton R.D.:</b>									
Acklam with Barthorpe.	2,360	206	61	—	—	Wells - -	Unsatisfactory.		
Birdsall - - -	4,031	347	62	62	Lord Middleton - -	—	—		
Burythorpe - - -	1,250	213	51	45	J. H. Preston, Esq. -	Wells - -	Satisfactory and adequate.		
Duggleby - - -	1,715	162	40	—	Do. - -	Do. - -	Unsatisfactory.		
East Heslerton -	3,586	208	45	18	Sir Mark Sykes, Bart. -	Do. - -	Satisfactory & adequate.		
Eddlethorpe - -	718	53	10	—	—	Do. - -	—		
Firby - - -	525	40	9	—	—	Do. - -	Unsatisfactory.		
Howsham - - -	2,151	160	35	—	—	Do. - -	—		
Kennythorpe - -	543	64	12	—	—	Do. - -	Unsatisfactory.		
Kirby Grindalythe	4,526	197	31	—	—	Do. - -	—		
Kirkham - - -	273	41	8	—	—	Do. - -	—		
Knapton - - -	2,892	235	49	—	—	Do. - -	—		
Langton - - -	2,285	221	39	—	—	Do. - -	—		
Leavening - - -	1,292	350	100	—	—	Wells and springs	Satisfactory and adequate.		
Leppington - - -	1,183	86	16	—	—	Wells - -	—		
Menethorpe - -	582	58	11	—	—	Wells - -	—		
North Grimston -	1,564	157	29	2	Lord Middleton - -	Springs - -	Unsatisfactory.		
Raisthorpe and Burdale.	2,113	80	14	—	—	Wells - -	Satisfactory & adequate		
Rillington - - -	2,171	661	195	195	Norton R.D.C. - - -	—	—		
						Satisfactory & adequate.			
Scagglethorpe -	1,206	217	57	48	Lord Middleton; and (jointly) Mrs. S. Ronshaw, Mrs. M. A. G. Bourne, Mrs. M. A. Rockett, and Rev. F. A. Overton.	Wells - -	Satisfactory & adequate.		
Scampston - - -	2,135	198	46	—	—	—	—		
Settrington - -	4,988	495	90	90	Norton R.D.C. - - -	—	—		
Thirkleby - - -	1,315	52	7	—	—	Wells - -	—		
Thorpe Bassett -	2,085	161	37	26	Lieut. G. F. Cholmley, R.N. -	Wells and springs	Satisfactory & adequate.		
West Heslerton -	2,955	274	63	—	—	Wells - -	—		
Westow - - -	1,189	294	74	—	—	Do. - -	Unsatisfactory		
Wharrah le Street	2,072	129	24	—	—	Do. - -	—		
Wharrah Percy -	1,459	52	7	—	—	Do. - -	Satisfactory & adequate.		
Wintringham - -	5,342	273	52	40	A. J. Cholmley, Esq. -	—	—		
Yedingham - - -	585	130	24	24	Norton R.D.C. - - -	—	—		
<b>Patrington R.D.:</b>									
Burstrick with Skeckling.	4,338	429	114	—	—	Wells - -	Good and abundant.		
Burton Pidsea -	2,304	326	80	—	—	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, East Riding—cont.</b>							
<b>Patrington R.D.—cont.</b>							
Easington - -	2,193	341	110	—	—		
Halsham - -	2,910	220	50	—	—		
Hilston - -	554	32	7	—	—		
Hollym - -	2,120	218	50	—	—		
Holmpton - -	1,863	148	40	—	—		
Keyingham - -	3,549	547	145	—	—		
Kilnsea - -	863	139	40	—	—		
Ottringham - -	4,305	474	140	—	—		
Out Newton - -	631	34	7	—	—		
Owastwick - -	1,338	114	20	—	—	Wells - -	Good and abundant.
Owthorne - -	839	60	9	—	—		
Patrington - -	3,743	1,147	330	—	—		
Paull - -	4,927	549	145	—	—		
Rimswell - -	1,234	130	27	—	—		
Roos - -	2,528	418	140	—	—		
Ryhill and Camerton.	1,574	245	56	—	—		
Skeffling - -	1,831	159	40	—	—		
South Frodingham	1,206	67	12	—	—		
Sunk Island - -	7,334	371	70	—	—	Rain-water - -	Unsatisfactory.
Thorngumbald - -	1,658	286	70	—	—		
Tunstall - -	1,301	117	25	—	—		
Waxholme - -	520	47	12	—	—	Wells - -	Good and abundant.
Welwick - -	3,627	322	80	—	—		
Winestead - -	2,109	188	35	—	—		
<b>Pocklington R.D. :</b>							
Allerthorpe - -	1,580	125	33	—	—		
Barnby on the Moor	2,528	441	113	76	Pocklington R.D.C.	Wells - -	
Bielby - -	1,738	231	51	—	—		
Bishop Wilton with Belthorpe.	4,573	487	117	—	—	Wells and spring	
Bolton - -	940	107	28	—	—		
Bugthorpe - -	1,915	195	47	—	—		
Burnby - -	1,702	117	22	—	—		
East Cottingham - -	1,242	218	58	—	—		
East Stamford Bridge.	1,122	358	90	—	—	Wells - -	
Everingham - -	2,981	236	49	—	—		
Fangfoss - -	1,410	144	33	—	—		
Fridaythorpe - -	1,920	252	63	—	—	Rain-water - -	
Full Sutton - -	896	114	36	—	—		
Goodmanham - -	3,028	272	63	42	Market Weighton Water Co., Ltd.	Wells - -	
Great Givendale and Grimthorpe.	1,313	69	12	—	—	Wells and spring	
Harswell - -	1,126	70	11	—	—		
Hayton - -	1,899	173	40	—	—	Wells - -	
High Catton - -	1,684	147	32	—	—		
Huggate - -	7,007	462	85	—	—	Rain-water - -	
Kilnwick Percy - -	1,579	64	17	—	—	Springs - -	
Kirby Underdale	5,125	275	53	24	The Hon. E. F. L. Wood, M.P.	Wells and springs	
Londesborough with Easthorpe.	4,258	328	63	58	Earl of Londesborough -		
Low Catton - -	1,346	131	27	—	—	Wells - -	
Market Weighton and Arras.	5,882	1,770	447	382	Market Weighton Water Co., Ltd.		Good and adequate.
Melbourne - -	3,149	354	95	—	—	Wells and bores	
Millington with Little Givendale.	2,511	169	42	—	—	Wells and spring	
Newton upon Derwent.	1,715	204	43	—	—		
North Cliffe - -	1,366	79	16	—	—	Wells - -	
Nunburnholme - -	1,857	190	47	—	—		
Ousethorpe - -	333	17	3	—	—		
Sancton and Houghton.	3,112	321	87	—	—	Wells and spring	
Scrayingham - -	1,560	112	24	—	—		
Seaton Ross - -	3,427	399	99	—	—		
Shipton - -	1,475	362	99	95	Pocklington R.D.C.	Wells - -	
Skirpenbeck - -	1,645	112	23	—	—		
South Cliffe - -	2,129	108	16	—	—		
Storwood - -	1,224	77	15	—	—		
Sutton upon Derwent.	3,670	311	64	—	—	Wells and springs	
Thixendale - -	3,812	218	46	32	Pocklington R.D.C.	Rain-water - -	
Thornton - -	2,327	161	27	—	—	Wells and bores	
Thorpe le Street - -	676	34	5	—	—		
Waplington - -	813	77	10	—	—	Wells - -	
Warter - -	7,380	548	95	—	—		
Wilberfoss - -	1,472	341	87	—	—	Wells and bores	
Yapham cum Meltonby.	1,888	221	52	—	—		
Yonlthorpe with Gowthorpe.	1,180	76	16	—	—	Wells - -	



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, East Riding—cont.</b>							
<b>Riccall R.D. :</b>							
Barby - - -	1,304	792	227	—	—	} Wells - -	Some good, others con- taminated.
Cliffe cum Land - -	3,108	600	156	—	—		
Kelfield - - -	1,790	294	77	—	—		
North Duffield - -	3,407	296	74	—	—		
Osgodby - - -	1,560	206	45	—	—		
Riccall - - -	2,604	657	178	—	—		
Skipwith - - -	2,646	255	56	—	—	} Wells - -	Some good, others con- taminated.
South Duffield - -	1,685	177	42	—	—		
<b>Sculcoates R.D. :</b>							
Anlaby - - -	1,471	1,037	349	294	Kingston upon Hull T.C.	} Wells - -	Good.
Haltemprice - - -	208	7	1	—	—		
Kirk Ella - - -	1,144	487	97	97	Kingston upon Hull T.C.	} Wells - -	Good.
Melton - - -	795	148	30	—	—		
North Ferriby - -	1,005	648	270	261	Sculcoates R.D.C. - -	} Do. - -	Many doubtful.
Preston - - -	5,004	1,205	303	101	Kingston upon Hull T.C.		
Sutton - - -	3,959	1,825	648	520	(bulk).	} Do. - -	Good.
Swanland - - -	2,871	480	117	106	Sculcoates R.D.C. - -		
Waulkby - - -	1,021	51	8	—	—	Rain-water - -	Doubtful.
Welton - - -	1,874	634	151	86	Sculcoates R.D.C. - -	} Wells - -	Good.
West Ella - - -	536	116	28	28	C. A. V. Sykes, Esq. - -		
Willerby - - -	983	1,247	120	104	Kingston upon Hull T.C.	Wells & rainwater	Some good, others doubtful.
<b>Sherburn R.D. :</b>							
Folkton - - -	5,499	407	107	102	Sherburn R.D.C. - -	(a) Rain-water, (b) wells.	(a) Deficient, (b) adequate.
Ganton - - -	3,980	398	77	24	(a) Ganton Golf Club (b) H. Wrigley, Esq. - -	(a) Wells, (b) spring, (c) rain- water.	(a) Good and adequate, (b) good and fairly adequate, (c) deficient.
Muston - - -	2,291	348	93	11	Filey U.D.C. - -	Wells and spring	Good and abundant.
Sherburn - - -	4,738	717	149	—	—	Wells - -	Fairly good.
Willerby - - -	4,570	384	85	5	H. Wrigley, Esq. - -	(a) Springs & wells, (b) rain-water (c) drain (Yedingham & Muston).	(a) Generally good & suffi- cient, (b) deficient, (c) not good, but adequate.
<b>Skirlaugh R.D. :</b>							
Aldbrough - - -	4,886	703	171	—	—	} Wells - -	Generally unsatisfactory.
Atwick - - -	2,244	291	63	—	—		
Benningholme and Grange - - -	1,506	101	21	—	—		
Bewholme and Nunkelling - -	2,314	217	46	—	—		
Bilton - - -	1,205	89	19	—	—		
Bonwick - - -	775	16	3	—	—		
Brandesburton - -	4,659	598	143	—	—		
Catfoss - - -	1,087	59	11	—	—		
Catwick - - -	1,570	213	48	—	—		
Coniston - - -	602	106	23	—	—		
Danthorpe - - -	737	51	11	—	—		
Dunnington - - -	845	68	14	—	—		
East Newton - - -	608	25	5	—	—		
Ellerby - - -	2,248	341	78	—	—		
Elstronwick - - -	1,159	110	26	—	—		
Flitling - - -	1,530	110	21	—	—		
Flinton - - -	1,399	90	19	—	—		
Ganstead - - -	809	101	18	—	—		
Garton with Grim- ston. - - -	1,790	124	28	—	—		
Goxhill - - -	839	62	13	—	—		
Great and Little Cowdens. - - -	1,522	105	19	—	—		
Great Hatfield - -	1,488	151	31	—	—		
Hempholme - - -	1,048	76	14	—	—		
Humbleton - - -	1,478	139	27	—	—		
Lelley - - -	805	137	28	—	—		
Little Hatfield - -	976	46	8	—	—		
Long Riston - - -	1,831	299	70	—	—		
Mappleton and Rowliston. - -	1,901	147	35	—	—		
Marton - - -	946	87	18	—	—		
Moor Town - - -	513	10	2	—	—		
North Skirlaugh, Rowton and Ar- nold. - - -	2,216	247	56	—	—		
Rise - - -	2,011	161	28	—	—		
Seaton and Wassand	1,745	346	86	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, East Riding—cont.</b>							
<b>Skirlaugh R.D.—cont.</b>							
Sigglesthorne	1,031	216	49	—	—	Wells	Generally unsatisfactory.
South Skirlaugh	1,067	281	74	—	—		
Sproatley	1,372	272	73	—	—		
Swine	2,286	218	48	—	—		
Thirleby	756	75	13	—	—		
West Newton with Burton Constable.	2,069	153	33	—	—		
Withernwick	2,861	416	94	—	—		
Wyton	792	105	24	—	—		
<b>YORKSHIRE, NORTH RIDING.</b>							
Eston U.D.	2,453	12,026	2,395	2,394	Tees Valley Water Board	Wells	Doubtful, but adequate.
Guisborough U.D.	7,034	7,061	1,427	1,397	Guisborough Water Co. and Messrs. Bolckow, Vaughan & Co., Ltd.	Wells & springs	Satisfactory.
Hinderwell U.D.	1,658	2,491	554	463	Hinderwell U.D.C.	(a) Wells, (b) beck.	(a) Some very good and adequate, others in- different and inadequate; (b) indifferent, but adequate.
Kirklington cum Upsland U.D.	1,987	244	55	—	—	Wells and springs	Satisfactory.
Loftus U.D.	6,400	8,872	1,649	1,579	Cleveland Water Co. Marquess of Zetland Viscount Downe	Wells & springs	Good and abundant.
Malton U.D.	4,016	4,822	1,045	1,033	Malton U.D.C. (works leased from Earl Fitzwilliam).	Wells	Satisfactory and adequate.
Masham U.D.	17,028	3,110	503	375	Masham U.D.C.	Wells, springs, rivers, streams, & rain-water.	Generally good.
*Middlesbrough C.B.	4,322	121,806	23,518	23,518	Tees Valley Water Board	—	—
Northallerton U.D.	3,653	4,806	1,052	1,020	Northallerton U.D.C.	Wells	Fair.
Pickering U.D.	15,625	3,674	874	509	Pickering Gas and Water Co. Ltd.	Wells, springs, beck, and rain- water.	Good.
Redcar U.D.	2,217	10,508	2,341	2,341	Redcar U.D.C. and Cleveland Water Co. (bulk).	—	—
Richmond B.	2,520	3,934	806	806	Richmond T.C.	—	—
Saltburn by the Sea U.D.	547	3,322	714	714	Cleveland Water Co.	—	—
Scalby U.D.	3,708	1,630	289	259	Scalby U.D.C.	Wells	Satisfactory and sufficient.
Scarborough B.	2,373	37,201	8,889	8,884	Scarborough T.C.	Wells & springs	Satisfactory and adequate.
Skelton and Brotton U.D.	15,558	15,194	2,927	2,599	Cleveland Water Co. and Sir B. Samuelson & Co. Ltd.	Do.	Fair.
South Bank in Normanby U.D.	1,500	14,977	2,886	2,886	Tees Valley Water Board (bulk)	—	—
Thornaby on Tees B.	1,927	18,603	3,652	3,652	Tees Valley Water Board	—	—
Whitby U.D.	1,944	11,139	2,660	2,655	Whitby Waterworks Co.	Springs	Satisfactory and adequate.
York C.B. (see East Riding).							
<b>Aysgarth R.D. :</b>							
Askrigg	4,922	470	134	80	Aysgarth R.D.C.	Springs	Satisfactory.
Aysgarth	1,214	279	61	61	Do.	—	—
Bainbridge	33,037	587	130	130	Do.	—	—
Hawes	—	1,518	364	340	Do.	—	—
Bishopdale	4,733	60	15	—	—	—	—
Burton cum Walden	7,652	314	102	70	—	—	—
Carperby cum Thoresby.	4,914	200	59	50	Aysgarth R.D.C.	Springs	Satisfactory.
High Abbotside	—	348	90	39	—	—	—
Low Abbotside	18,056	103	31	—	—	—	—
Newbiggin	1,701	86	18	18	Aysgarth R.D.C.	—	—
Thornaby	2,863	178	47	30	Do.	Springs	Satisfactory.
Thornton Rust	1,941	112	30	30	Thornton Rust Water Comtee.	—	—
<b>Bedale R.D. :</b>							
Ainderby Miers with Holtby.	953	68	17	—	—	—	—
Aiskew	2,036	880	187	64	—	—	—
Bedale	1,683	1,163	244	178	Bedale R.D.C.	Wells	—
Burneston	1,227	217	58	—	—	—	—
Barrill with Cow- ling.	1,071	109	23	—	—	Spring	Satisfactory.
Carthorpe	2,113	285	71	—	—	—	—
Clifton upon Ure	595	62	12	—	—	Wells	—
Crakehall	1,886	420	101	—	—	—	—

\* Middlesbrough C.B.—As extended from 9th November 1913.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Bedale R.D.—cont.</b>							
East Tanfield	1,295	64	11	—	—	—	—
Exelby, Leeming and Newton.	2,440	580	157	—	—	—	—
Firby	685	70	19	—	—	—	—
Gatenby	875	64	13	—	—	—	—
Hackforth	1,337	141	30	—	—	—	—
Howgrave	323	14	8	—	—	—	—
Killerby	725	80	12	—	—	—	—
Kirkby Fleetham	3,148	565	131	—	—	—	—
Langthorne	836	94	20	—	—	—	—
Rand Grange	359	16	4	3	Bedale R.D.C.	Wells	Satisfactory.
Rookwith	996	39	10	—	—	—	—
Scruton	2,113	281	58	—	—	—	—
Snape	4,582	475	102	—	—	—	—
Sutton Howgrave	678	96	21	—	—	—	—
Swainby with Allerthorpe.	881	38	7	—	—	—	—
Theakston	969	72	13	—	—	—	—
Thirn	639	107	24	—	—	—	—
Thornton Watlass	1,482	140	36	—	—	—	—
Well	2,108	273	66	—	—	—	—
West Tanfield	3,285	526	125	—	—	Spring	Do.
<b>Croft R.D. :</b>							
Barton	2,451	558	129	8	Barton Limestone Co.	—	—
Cleasby	1,204	165	43	—	—	—	—
Cliffe	708	59	12	—	—	—	—
Croft	4,748	494	109	40	Tees Valley Water Board	—	—
Dalton upon Tees	1,636	166	39	—	—	—	—
Eryholme	2,340	168	39	—	—	Wells	Good and ample.
Girsby	1,227	70	11	—	—	—	—
Manfield	2,920	273	61	—	—	—	—
Newton Morrell	634	43	11	—	—	—	—
Over Dinsdale	860	85	19	—	—	—	—
Stapleton	1,001	155	33	—	—	—	—
<b>Easingwold R.D. :</b>							
Aldwick	2,337	179	42	30	Easingwold R.D.C.	Wells & springs	Satisfactory.
Aine	2,268	441	108	95	—	—	—
Angram Grange	445	29	5	—	—	Wells	Some good & adequate, others inferior.
Beningbrough	1,093	55	12	—	—	Do.	Good and adequate.
Brafferton	1,849	231	50	—	—	Do.	Good and adequate.
Brandsby cum Stearsby.	3,078	325	50	29	H. C. Fairfax-Cholmeley, Esq.	Do.	—
Carlton Hushwaite	820	143	32	26	Easingwold R.D.C.	Wells and springs	Satisfactory.
Coxwold	1,375	294	62	51	—	Do.	Good and fairly sufficient.
Crayke	2,876	412	100	—	—	Wells	Good and adequate.
Dalby cum Skewsby	1,347	115	27	—	—	—	—
Easingwold	6,997	2,055	450	351	Easingwold R.D.C.	Wells and springs	Satisfactory.
Farlington	1,466	148	30	20	—	—	—
Flawith	607	44	15	15	Do.	—	—
Helperby	1,895	584	145	—	—	Wells	Some good, others variable.
Huby	4,659	459	92	80	Easingwold R.D.C.	Wells and springs	—
Hushwaite	2,017	431	89	76	—	Wells	Satisfactory.
Linton upon Ouse	2,322	235	51	—	—	Wells and springs	—
Marton cum Moxby	2,467	145	21	—	—	Wells	—
Myton on Swale	1,672	161	37	8	M. J. Stapylton, Esq.	Wells and springs	—
Newburgh	2,315	142	26	—	—	Wells	Fair and sufficient.
Newton upon Ouse	1,733	374	111	—	—	Do.	Good, but scarce.
Oulston	1,515	169	35	—	—	Do.	Satisfactory.
Overton	1,331	62	12	—	—	Wells and springs	Some satisfactory, others impure.
Raskelf	4,281	478	89	70	Easingwold R.D.C.	Wells	Variable.
Shipton	2,011	356	78	—	—	Do.	—
Stillington	2,157	509	136	—	—	Wells and springs	Satisfactory.
Sutton on the Forest	6,003	504	102	90	Easingwold R.D.C.	Wells	—
Tholthorpe	1,775	214	41	35	—	Wells and springs	Moderate.
Thormanby	1,002	107	20	—	—	Do.	—
Thornton on the Hill.	1,109	43	6	2	Sir G. O. Wombwell, Bart.	Do.	—
Tollerton	2,201	487	122	100	Easingwold R.D.C.	Springs	Satisfactory.
Whenby	1,041	76	18	—	—	Wells and springs	—
Wildon Grange	699	24	5	—	—	Do.	—
Yearsley	2,796	147	28	—	—	—	—
Youlton	803	35	8	8	Easingwold R.D.C.	—	—
<b>Flaxton R.D. :</b>							
Bossall with Butter- crambe.	2,691	214	41	—	—	—	—
Claxton	838	192	38	—	—	—	—
Clifton Without	1,096	799	137	—	—	—	—
Earswick	751	135	30	16	York Waterworks Co.	Wells	Fairly satisfactory.
Flaxton	1,865	320	65	—	—	—	—
Gate Helmsley	497	159	35	—	—	—	—
Harton	2,004	125	23	—	—	—	—



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Flaxton R.D.—cont.</b>							
Haxby - - -	2,206	883	237	125	York Waterworks Co. (bulk)		
Heworth Without -	1,159	455	90	68	York Waterworks Co. -		
Holby - - -	901	129	31	—	—		
Huntington - - -	3,018	1,326	296	262	York Waterworks Co. -		
Lillings Ambo - -	1,769	200	36	—	—		
Murton - - -	844	188	38	—	—		
Osbaldwick - - -	730	254	42	—	—		
Rawcliffe - - -	739	360	28	—	—		
Sand Hutton - - -	2,242	234	41	—	—		
Skelton - - -	2,473	292	55	—	—	Wells -	Fairly satisfactory.
Stockton on the Forest.	3,268	408	81	—	—		
Strensall - - -	2,909	710	186	126	York Waterworks Co. (bulk)		
Towthorpe - - -	1,075	490	18	15	Do.		
Upper Helmsley -	833	77	15	—	—		
Warthill Copyhold	623	150	32	—	—		
Warthill Freehold	381	38	8	—	—		
Wigginton - - -	1,880	336	52	20	York Waterworks Co. (bulk)		
<b>Guisborough R.D.:</b>							
Commendale - - -	3,032	189	36	—	—	Upland surface water & springs.	Fair.
Danby - - -	12,492	1,164	263	219	Guisborough R.D.C. -	Upland surface water & springs.	Part good, part poor.
Easington - - -	3,764	853	176	66	Hinderwell U.D.C. (bulk)	Wells and springs	Good.
Hutton Lowercross	1,569	191	57	47	W. Pickering, Esq. -	Wells -	
Kirkcathlam - - -	3,538	632	140	30	Cleveland Water Co. -	Wells and springs	Some good, others moderate.
Marske - - -	3,403	2,955	740	740	Do. -	—	—
Morton - - -	1,007	78	11	3	A. J. Dorman, Esq. -	Wells -	Good.
Newton - - -	1,175	129	25	25	Guisborough R.D.C. -	—	—
Pinchingthorpe -	859	65	11	—	—	Wells -	
Tockett - - -	668	45	6	—	—	Do. -	
Upleatham - - -	1,402	146	45	4	Cleveland Water Co. -	Springs -	Good.
Upsall - - -	513	71	20	17	A. J. Dorman, Esq. -	Wells -	
Westerdale - - -	9,914	238	50	—	—	Wells and springs	
Wilton - - -	4,273	1,092	250	220	Tees Valley Water Board	Wells -	
<b>Helmsley R.D.:</b>							
Ampleforth - - -	2,420	701	133	127	Helmsley R.D.C. -	Wells -	Good and adequate.
Ardon - - -	4,526	81	18	—	—	Springs -	
Beadlam - - -	1,451	164	34	34	Helmsley and Kirkby Moor-side R.D.C.s.	—	
Bilsdale, West Side	2,922	101	21	—	—	Springs -	Generally good.
Byland with Wass	2,567	138	34	34	Sir G. O. Wombwell, Bart.	—	
Cawton - - -	1,056	102	16	—	—	Wells -	
Cold Kirby - - -	1,620	133	23	—	—	Springs -	Moderate and adequate.
Coulton - - -	1,089	109	23	—	—	Wells -	
Dale Town - - -	1,774	33	7	—	—	Springs -	
East Newton and Laysthorpe.	941	42	8	8	Helmsley and Kirkby Moor-side R.D.C.s.	—	
Gilling East - - -	2,072	208	43	43	E. Fisher, Esq. -	—	
Grimston - - -	997	92	14	—	—	Springs -	Good and adequate.
Harome - - -	2,362	365	81	81	Helmsley and Kirkby Moor-side R.D.C.s.	—	
Hawnby - - -	2,421	222	48	48	Hon. G. Savile -	—	
Helmsley - - -	8,823	1,393	309	281	Earl of Feversham -	Springs & mill-race.	Good and adequate.
Laskill Pasture -	1,579	54	12	—	—	Springs -	
Murton - - -	1,754	31	3	1	T. D. Peacock, Esq. -	Well -	Inferior, but fairly sufficient.
Old Byland - - -	2,738	124	25	—	—	Mill-race -	Bad, but adequate.
Oldstead - - -	1,384	101	21	—	—	Wells and springs	Inferior, but adequate.
Oswaldkirk - - -	2,167	158	33	29	Lt.-Col. J. M. Benson -	Wells -	Moderate, but inadequate.
Pockley - - -	3,444	166	32	32	Helmsley and Kirkby Moor-side R.D.C.s.	—	
Rievaulx - - -	5,317	170	36	—	—	Wells and springs	Inferior, but adequate.
Seawton - - -	2,875	99	22	22	H. W. F. Bolekow, Esq. -	—	
Snilesworth - - -	5,152	63	15	—	—	Springs -	Good and adequate.
Sproxtun - - -	2,867	135	28	—	—	Wells -	Moderate and adequate.
Stonegrave - - -	915	140	24	24	Helmsley and Kirkby Moor-side R.D.C.s.	—	
Thorpe le Willows	471	29	7	—	—	Wells -	Good and adequate.
<b>Kirkby Moorside R.D.:</b>							
Appleton le Moors	1,323	208	64	60	Kirkby Moorside and Pickering R.D.C.s.	Wells, stream and spring.	Very moderate.
Bransdale, West Side.	2,350	66	13	—	—	Springs -	Very good and abundant.
Fadmoor - - -	1,914	181	39	—	—	Stream -	Good, but liable to pollution; abundant.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Kirkby Moorside R.D.—cont.</b>							
Farndale, East Side	6,163	243	62	—	—	} Springs - -	Excellent and abundant.
Farndale, Low Quarter.	3,403	126	31	—	—		
Farndale, West Side	7,182	197	44	—	—		
Gillamoor - -	1,628	173	43	—	—		
Great Edstone - -	1,288	101	22	—	—	Wells - -	Not very satisfactory or adequate.
Hutton le Hole - -	1,086	256	71	65	Kirkby Moorside R.D.C.	Springs & streams	Good and sufficient.
Kirkby Moorside - -	3,906	1,657	398	348	Do.	Wells, springs & stream.	Generally good and abundant.
Little Edstone - -	171	10	2	—	—	Wells - -	Fairly satisfactory.
Muscoates - -	1,045	48	8	—	—	Do. - -	Very moderate and abundant.
Nawton - -	1,191	336	102	102	Helmley and Kirkby Moor- side R.D.C.s.	—	—
Ness - -	1,405	85	21	—	—	Wells and River Rye.	Very moderate and abun- dant.
Normanby - -	1,786	141	32	28	Kirkby Moorside R.D.C.	Wells - -	Fairly satisfactory.
North Holme - -	545	31	3	—	—	Wells and stream	Satisfactory.
Nunnington - -	2,123	312	75	74	Helmley and Kirkby Moor- side R.D.C.s.	Spring - -	Good and abundant.
Salton - -	1,749	133	27	—	—	Do. - -	Satisfactory.
Skiplam - -	2,574	71	8	6	Helmley and Kirkby Moor- side R.D.C.s.	Springs & stream	Good and abundant.
Thornton Rise- borough.	605	26	4	—	—	Wells - -	Fairly satisfactory.
Welburn - -	1,762	142	29	—	—	Wells, springs and stream.	Unsatisfactory.
Wombledon - -	1,212	327	77	76	Helmley and Kirkby Moor- side R.D.C.s.	Spring - -	Good and abundant.
<b>Leyburn R.D.:</b>							
Agglethorpe with Coverham.	1,408	128	24	—	—	Wells and spring	Wells doubtful, but suffi- cient.
Akebar - -	777	28	5	—	—	Well - -	Satisfactory.
Arrathorne - -	672	54	10	—	—	Wells - -	Fairly satisfactory.
Barden - -	1,785	77	17	—	—	Wells and springs	Doubtful and scarce in time of drought.
Bellerby - -	3,066	284	72	72	Leyburn R.D.C. - -	—	—
Caldbergh with East Scafton.	3,446	61	16	16	C. Blades, Esq. - -	—	—
Carlton Highdale - -	10,137	190	48	—	—	Spring - -	Satisfactory, but not suffi- ciently protected.
Carlton Town - -	2,739	190	53	53	Carlton Town Water Comtee.	—	—
Castle Bolton - -	4,960	116	30	28	Lord Bolton - -	Spring - -	Good and plentiful.
Colsterdale - -	412	44	12	—	—	Wells - -	Satisfactory.
Constable Burton - -	2,650	205	40	—	—	Wells & springs	Unsatisfactory.
East Hauxwell - -	1,251	84	20	18	Col. H. D. Wade-Dalton - -	} Wells - -	Satisfactory.
East Witton Within	2,692	257	66	61	H. Christie, Esq. - -		
East Witton With- out.	3,717	143	25	—	—	} Do. - -	Doubtful and scarce.
Finghall - -	561	81	22	—	—		
Garriston - -	672	37	6	—	—	} Wells - -	Satisfactory.
Harnby - -	1,110	191	48	48	Leyburn R.D.C. - -		
Hornby - -	1,592	108	22	—	—	Do. - -	Unsatisfactory.
Hunton - -	1,910	274	77	—	—	Do. - -	Satisfactory.
Hutton Hang - -	590	31	5	—	—	—	—
Leyburn - -	2,515	832	199	199	Leyburn R.D.C. - -	Wells - -	Satisfactory.
Melmerby - -	1,213	85	22	20	Melmerby Water Committee	—	—
Middleham - -	2,155	680	167	167	Leyburn R.D.C. - -	—	—
Newton le Willows	1,861	388	81	—	—	Springs - -	Satisfactory.
Patrick Brompton - -	1,240	135	32	—	—	Wells - -	Satisfactory and plentiful.
Preston - -	2,573	247	64	59	Lord Bolton - -	} Do. - -	Satisfactory.
Redmire - -	2,313	248	67	60	Redmire P.C. - -		
Spennithorne - -	1,304	174	38	38	Spennithorne Water Comtee. -	—	—
Thornton Steward - -	2,399	216	48	—	—	} Wells - -	Satisfactory.
Wensley - -	2,080	246	50	39	Lord Bolton - -		
West Hauxwell - -	892	32	6	—	—	—	—
West Scafton - -	1,621	68	20	20	West Scafton Water Comtee.	—	—
West Witton - -	3,880	369	92	92	West Witton Water Comtee. -	—	—
<b>Malton R.D.:</b>							
Airyholme with Howthorpe and Baxton Howe.	597	34	5	—	—	Wells - -	Satisfactory and adequate.
Amotherby - -	1,831	267	55	—	—	} Do. - -	Unsatisfactory.
Appleton le Street - -	1,633	150	32	—	—		
Barton le Street - -	1,674	164	31	—	—	Do. - -	Unsatisfactory.
Barton le Willows - -	1,046	209	54	—	—	Do. - -	Unsatisfactory, but ade- quate.
Brawby - -	1,014	146	40	—	—	Do. - -	Unsatisfactory.
Broughton - -	866	113	24	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Malton R.D.—cont.</b>							
Bulmer - - -	1,666	191	59	55	Malton R.D.C.	Wells - - -	Satisfactory & adequate.
Butterwick - -	663	58	14	—	—	Well - - -	
Coneythorpe - -	1,206	133	41	40	Rosalind, Countess of Carlisle	Wells and springs	
Crambe - - -	1,170	104	25	—	—	—	
Foston - - -	975	86	20	—	—	—	
Fryton - - -	1,135	59	14	—	—	—	
Ganthorpe - - -	731	44	12	—	—	—	
Great Habton - -	950	131	34	—	—	Wells - - -	
Henderskelf - -	1,708	100	24	—	—	—	
Hildenley - - -	304	54	14	10	Hon. F. Dawnay - - -	—	
Hovingham - - -	2,859	496	121	114	Malton R.D.C. - - -	—	Unsatisfactory.
Huttons Ambo - -	2,899	402	85	2	Hon. F. Dawnay - - -	Do. - - -	
Little Habton - -	473	36	10	—	—	—	Satisfactory & adequate.
Ryton - - -	2,326	186	37	—	—	Do. - - -	
Scackleton - - -	1,353	146	34	—	—	Do. - - -	Unsatisfactory.
Sheriff Hutton with Cornbrough.	5,635	670	160	—	—	Do. - - -	
Slingsby - - -	2,571	424	131	—	—	Do. - - -	Satisfactory and adequate.
South Holme - -	904	75	10	—	—	Do. - - -	
Stittenham - - -	1,676	71	13	—	—	Do. - - -	Unsatisfactory.
Swinton - - -	1,255	407	93	—	—	Wells and springs	
Terrington with Wiggantheorpe.	3,222	428	118	—	—	—	Unsatisfactory, but ade- quate.
Thornton le Clay -	898	203	54	—	—	Do. - - -	
Wath - - -	372	13	2	—	—	Do. - - -	Satisfactory and adequate.
Welburn - - -	887	410	99	99	Malton R.D.C.	Wells - - -	
Whitwell on the Hill	1,579	176	37	25	Sir E. A. Lechmere, Bart.	—	Good.
<b>Middlesbrough R.D.:</b>							
Hemlington - - -	1,119	136	21	11	Tees Valley Water Board	Spring - - -	Good.
Ingleby Barwick -	1,519	147	23	—	—	Wells and spring	
Maltby - - -	1,117	146	36	—	—	—	Good.
Marton - - -	3,219	751	193	132	Tees Valley Water Board A. J. Dorman, Esq. - -	Springs - - -	
Ormesby - - -	1,999	360	74	11	Tees Valley Water Board	Wells and springs	—
Stainton - - -	2,306	332	83	1	Do. do.	Springs - - -	
West Acklam - -	1,159	140	24	24	Do. do.	—	Doubtful and inadequate in summer.
<b>Northallerton R.D.:</b>							
Ainderby Steeple -	1,158	235	62	—	—	Wells - - -	Doubtful.
Appleton Wiske - -	1,865	318	80	—	—	Do. - - -	
Birkby - - -	1,203	58	10	—	—	Wells and springs	Good, but inadequate in parts.
Borrowby - - -	1,273	350	96	12	Borrowby P.C. - - -	Do. - - -	
Brompton - - -	3,844	1,487	360	271	Northallerton U.D.C. (bulk) -	Spring - - -	Doubtful.
Cotcliffe - - -	133	6	2	—	—	—	
Crosby - - -	832	37	6	—	—	Wells - - -	Doubtful and inadequate in parts in summer.
Danby Wiske - - -	3,371	300	60	—	—	Do. - - -	
Deighton - - -	2,037	102	20	—	—	Do. - - -	Doubtful.
East Cowton - - -	3,370	347	83	—	—	Do. - - -	
East Harlsey - -	3,060	327	71	—	—	Do. - - -	Good.
Ellerbeck - - -	871	67	13	—	—	Do. - - -	
Great Langton - -	871	110	24	—	—	Do. - - -	Doubtful.
Great Smeaton - -	1,536	193	44	—	—	Do. - - -	
Hornby - - -	1,829	159	42	—	—	Do. - - -	Good.
Hutton Bonville -	1,547	94	16	—	—	Do. - - -	
Kiplin - - -	1,025	89	17	—	—	Do. - - -	Good.
Kirby Sigston - -	1,243	95	19	6	Northallerton U.D.C. - -	Spring - - -	
Landmoth cum Catto.	798	34	6	—	—	—	Doubtful.
Lazenby - - -	828	37	6	—	—	Do. - - -	
Leake - - -	429	9	2	—	—	Wells - - -	Good.
Little Langton - -	1,019	107	20	—	—	Wells and springs	
Little Smeaton - -	1,001	70	13	—	—	Springs - - -	Doubtful.
Morton upon Swale	1,542	188	53	—	—	Wells - - -	
Nether Silton - -	1,538	149	35	—	—	Wells - - -	Good.
North Otterington -	819	75	14	—	—	Springs - - -	
Osmotherly - - -	3,191	640	170	150	Osmotherly Water Committee	Wells - - -	Doubtful.
Over Silton - - -	1,235	45	10	—	—	Springs - - -	
Romanby - - -	2,061	537	124	26	Northallerton U.D.C. - -	Wells - - -	Doubtful.
South Cowton - -	2,240	176	31	—	—	Do. - - -	
Sowerby under Cotcliffe.	811	44	10	—	—	Wells and springs	Good.
Thimbleby - - -	2,053	113	22	4	Northallerton U.D.C. - -	Wells - - -	
Thornton le Beans -	1,692	197	48	—	—	Wells and springs	Good.
Thrintoft - - -	1,240	126	30	—	—	Wells - - -	
Wariaby - - -	768	62	11	—	—	Wells - - -	Doubtful.
Welbury - - -	2,399	208	43	—	—	Do. - - -	
West Harlsey - -	1,504	62	10	—	—	Wells - - -	Doubtful.
West Rounton - -	1,458	188	45	—	—	Do. - - -	
Whitwell - - -	1,114	56	7	—	—	Wells and springs	—
Winton - - -	1,365	91	16	2	Property owner - - -	Wells - - -	
Yafforth - - -	1,327	157	35	—	—	Wells - - -	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Pickering R.D.:</b>							
*Aislaby	759	94	25	—	—	Wells and rain-water.	Doubtful and deficient.
Allerston	10,058	333	72	41	Trustees in bankruptcy of Sir G. E. A. Cayley, Bart.	Wells	Satisfactory.
Barugh Ambo	1,460	218	50	—	—	Wells and springs	Variable.
Cawthorn	1,134	14	3	—	—	Rain-water	Variable.
Cropton	4,997	338	85	70	Pickering R.D.C.	Wells	Satisfactory.
Ebberston	6,095	554	120	88	Do.	Springs	Satisfactory.
Hartoft	4,662	138	30	—	—	Streams and rain-water.	Variable and inadequate.
Kingthorpe	1,210	42	6	—	—	Wells	Satisfactory.
Kirby Misperton	1,792	227	42	—	—	Do.	Variable and inadequate.
Lastingham	417	135	45	40	Kirkby Moorside and Pickering R.D.C.s.	Stream	Satisfactory.
Levisham	2,976	103	28	26	Pickering R.D.C.	Rain-water	Doubtful and deficient.
Lockton	7,169	315	80	—	—	Wells	Satisfactory.
Marishes	2,962	244	50	—	—	Do.	Variable.
Marion	718	151	40	—	—	Do.	Doubtful and deficient.
*Middleton	1,724	250	60	—	—	Rain-water	Satisfactory.
Newton	2,187	212	50	—	—	Wells	Satisfactory.
Rosedale, East Side	5,202	774	175	147	Milburn Estates, Ltd.	Springs and wells	Doubtful and deficient.
Rosedale, West Side	1,082	329	110	—	—	Wells and stream	Satisfactory.
Sinnington	2,176	321	80	—	—	Rain-water	Satisfactory.
Spaunton	1,285	78	17	15	Kirkby Moorside and Pickering R.D.C.s.	Wells	Doubtful and deficient.
Thornton Dale	9,689	1,181	310	294	Pickering R.D.C.	—	—
Wilton	1,785	129	30	30	Lord Hotham	—	—
*Wreton	1,205	202	50	—	—	Wells	Doubtful and deficient.
<b>Reeth R.D.:</b>							
Arkengarthdale	14,577	363	94	15	Reeth R.D.C.	—	—
Ellerton Abbey	1,674	45	8	—	—	—	—
Grinton	8,189	269	67	20	—	—	—
Marick	6,206	161	44	8	—	—	—
Melbeck	7,986	411	123	82	Reeth R.D.C.	Springs	Good and plentiful.
Muker	30,205	519	129	65	—	—	—
Reeth	5,701	628	166	134	—	—	—
<b>Richmond R.D.:</b>							
Aldbrough	1,807	329	76	70	Duke of Northumberland	Wells	Fairly good and ample.
Appleton	1,632	129	19	—	—	Well	Good.
Aske	1,765	149	30	10	Marquess of Zetland	Spring	Fairly good.
Bolton upon Swale	861	93	18	—	—	Well	Some good, others doubtful.
Brompton on Swale	1,700	351	93	—	—	Wells	—
Brough	1,180	84	17	—	—	—	—
Caldwell	1,590	149	30	30	Earl Brownlow	Well	Good.
Catterick	1,732	534	126	—	—	Wells and springs	Moderate.
Colbarn	1,360	95	16	—	—	—	—
Dalton	2,708	184	43	43	Richmond R.D.C.	—	—
Downholme	1,508	66	22	22	Do.	—	—
Easby	1,281	122	20	20	L. Jaques, Esq.	Wells	Fairly good.
East Layton	1,061	140	31	—	—	Do.	Moderate and ample.
Ellerton upon Swale	1,626	125	26	—	—	Well	Very moderate.
Eppeby	1,120	346	77	—	—	—	—
Forcett with Car-kin.	2,273	198	39	—	—	—	—
Gayles	2,574	128	25	20	Richmond R.D.C.	Springs	Fairly good and ample.
Gilling	4,879	714	164	164	Marquess of Zetland	—	—
Hipswell	2,658	231	46	—	W. H. A. Wharton, Esq.	Well	Very moderate.
Hudswell	3,024	185	48	48	Richmond R.D.C.	—	—
Kirby Hill	250	62	16	16	Vicar	—	—
Marske	6,759	199	36	12	J. T. D'Arcy Hutton, Esq.	Wells and springs	Fairly good and ample.
Melsonby	2,742	547	116	—	—	Well	Bad.
Middleton Tyas	3,203	463	99	48	R. V. Eyre, Esq., R.N.	Do.	Good.
Moulton	3,040	232	48	—	—	Spring	Fairly good and ample.
New Forest	3,003	39	7	—	—	Do.	Good.
Newsham	3,411	248	56	—	—	Spring and wells	Spring good and ample, wells bad.
North Cowton	1,397	259	66	—	—	Well	Fairly good.
Ravensworth	1,721	240	57	3	Miss Easton	Spring	Moderate and ample.
St. Martin	270	57	14	—	—	Wells	Fairly good and ample.
Scorton	2,750	544	85	—	—	Do.	—
Scotton	1,406	97	20	—	—	—	—
Skeebby	835	126	31	31	L. Jaques, Esq.	Spring	—
Stainton	1,875	32	5	—	Richmond R.D.C.	Wells and spring	Fairly good and ample.
Stanwick St. John	1,398	130	26	—	—	Spring	—
Tunstall	1,285	197	50	—	—	Wells	—
Uckerby	762	44	8	—	—	—	—

\* Aislaby, Middleton and Wreton.—Pickering R.D.C. are about to provide a supply.



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Richmond R.D.—cont.</b>							
Walburn - - -	1,659	34	5	—	—	Wells - -	Some good, others moderate.
West Layton - -	758	70	17	17	Miss Easton - - -	—	—
Whashton - - -	1,739	110	34	30	Richmond R.D.C. - - -	Springs - -	Fairly good and ample.
<b>Scarborough R.D. :</b>							
Brompton - - -	5,319	590	131	94	Trustees in bankruptcy of Sir G. E. A. Cayley, Bart. Scarborough R.D.C. - - -	(a) Wells & (b) rain-water.	(a) Good and ample; (b) deficient.
Broxa - - -	535	39	10	10	Capt. the Hon. F. Johnstone - - -	—	—
Burniston - - -	1,479	268	76	65	Burniston Water Co., Ltd. - - -	Wells and springs	Good and ample.
Cayton - - -	3,514	601	138	104	Scarborough T.C. - - -	Do.	Satisfactory.
Cloughton - - -	3,427	541	147	101	Cloughton Water Co., Ltd. - - -	Do.	Good and adequate.
East Ayton - - -	2,495	341	84	75	Burniston Water Co., Ltd. - - -	(a) Well & spring; (b) rain-water.	(a) Good and adequate; (b) deficient.
Gristhorpe - - -	1,206	208	48	48	Filey U.D.C. - - -	—	—
Hackness - - -	2,456	163	33	32	Capt. the Hon. F. Johnstone - - -	Well - -	Good and ample.
Harwood Dale - -	6,015	199	34	34	Do. - - -	—	—
Hutton Buscel - -	3,762	378	98	69	Capt. the Hon. J. Dawnay, D.S.O. - - -	Wells & springs	Good and ample.
Irton - - -	1,259	140	28	22	Capt. the Hon. F. Johnstone - - -	Wells - -	—
Lebberston - - -	1,280	128	28	1	Scarborough T.C. - - -	Do. - -	Village good, elsewhere not so good; short in summer.
Seamer - - -	4,696	690	142	105	Filey U.D.C. - - -	—	—
Silpho - - -	1,146	76	12	12	Scarborough T.C. - - -	Do. - -	Satisfactory and ample.
Snalinton - - -	4,837	649	161	—	Capt. the Hon. F. Johnstone - - -	(a) Wells, (b) springs, (c) rain-water, (d) stream.	(a) Good in some cases and plentiful; (b) good and moderate; (c) deficient.
Staintondale - -	3,145	281	78	29	—	Wells and springs	Good.
Suffield cum Everley	1,912	120	19	16	Ravenscar Estate, Ltd. - - -	Springs - -	Good and adequate.
Troutdale - - -	1,205	50	9	—	Capt. the Hon. F. Johnstone - - -	—	—
West Ayton - - -	2,338	421	117	107	Scarborough R.D.C. - - -	(a) Springs, (b) surface water.	(a) Good and ample, (b) liable to pollution.
Wykeham - - -	8,199	437	92	81	Capt. the Hon. J. Dawnay, D.S.O. - - -	Wells - -	Good and adequate.
<b>Startforth R.D. :</b>							
Barforth - - -	1,739	124	17	—	Do. do. - - -	—	—
Barningham - - -	3,522	234	52	36	Capt. the Hon. F. Johnstone - - -	Wells - -	Good and adequate.
Boldron - - -	1,238	145	31	18	Barningham Voluntary Subscription. - - -	—	—
Bowes - - -	16,973	577	135	67	Startforth R.D.C. - - -	Springs & wells	—
Brignall - - -	2,121	115	23	5	H. E. Morritt, Esq. - - -	—	—
Cotherstone - - -	8,200	644	162	67	Tees Valley Water Board - - -	—	—
Egglesstone Abbey -	649	41	9	—	—	—	—
Gilmonby - - -	2,476	96	16	—	—	—	—
Holwick - - -	5,808	192	41	12	Earl of Strathmore - - -	Springs - -	Good and adequate.
Hope - - -	2,594	23	5	—	—	—	—
Hunderthwaite - -	6,291	249	50	—	—	—	—
Hutton Magna - -	1,903	152	33	28	Major R. Chichester-Constable - - -	—	—
Lartington - - -	5,411	192	41	18	Tees Valley Water Board - - -	—	—
Lunedale - - -	22,765	303	58	9	Earl of Strathmore - - -	—	—
Mickleton - - -	4,780	566	154	—	—	Springs & wells	—
Ovington - - -	521	136	26	—	—	—	—
Rokeby - - -	1,161	147	37	25	H. E. Morritt, Esq. - - -	—	—
Ronaldkirk - - -	1,355	240	66	—	—	—	—
Scargill - - -	5,180	96	17	—	—	—	—
Startforth - - -	1,008	475	114	102	Barnard Castle U.D.C. - - -	—	—
Wycliffe with Thorpe.	2,523	181	25	—	—	—	—
<b>Stokesley R.D. :</b>							
Bilsdale Mideable -	14,231	564	109	—	—	Wells and springs	Good and adequate.
Broughton - - -	3,093	592	159	1	Lord De L'Isle and Dudley - - -	Wells - -	Doubtful, but adequate.
Carlton - - -	1,359	282	109	—	—	Do. - -	Fair and adequate.
Castle Levington -	1,071	42	7	—	—	—	—
Crathorne - - -	2,600	267	58	37	J. L. Dagdale, Esq. - - -	Do. - -	Doubtful, but adequate.
Easby - - -	1,211	113	31	—	—	—	—
East Rounton - -	1,621	189	34	18	Sir Hugh Bell, Bart. - - -	Do. - -	Fair and adequate.
Faceby - - -	1,382	124	45	—	—	—	—
Great Ayton - - -	3,590	2,319	491	41	J. B. Hodgkin, Esq. - - -	Do. - -	Doubtful, but adequate.
Great Busby - - -	1,403	100	23	—	—	—	—
High Worsall - - -	1,590	79	12	—	—	—	—
Hilton - - -	1,391	111	22	—	—	Do. - -	Doubtful, but adequate.
Hutton Rudby - -	2,375	876	228	—	—	—	—
Ingleby Arncliffe -	1,892	270	74	52	Sir Hugh Bell, Bart. - - -	—	—
Ingleby Greenhow -	7,010	394	117	117	North Eastern Railway Co. - - -	—	—
Kildale - - -	5,195	220	51	36	Lord De L'Isle and Dudley - - -	—	—
Kirby in Cleveland	1,770	245	55	9	R. B. Turton, Esq. - - -	Springs - -	Good and adequate.
Kirk Levington - -	2,202	189	40	9	North Eastern Railway Co. - - -	—	—
Little Ayton - - -	1,378	141	27	—	Tees Valley Water Board - - -	Wells - -	Doubtful, but adequate.
Little Busby - - -	706	22	3	—	—	—	—
Low Worsall - - -	1,346	191	43	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Pipel Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Stokesley R.D.—cont.</b>							
Middleton upon Leven.	1,145	78	12	—	—	Wells	Doubtful, but adequate.
Newby	1,256	129	24	—	—	—	—
Nanthorpe	1,427	289	49	49	A. J. Dorman, Esq.	—	—
Picton	1,004	155	28	10	North Eastern Railway Co.	—	—
Potto	1,570	170	47	1	Do.	—	—
Rudby in Cleveland	887	54	13	—	—	Wells	Doubtful, but adequate.
Seamer	2,651	214	49	48	Lord Leconfield	—	—
Sexhow	528	36	6	—	—	—	—
Skutterskefe	1,008	50	10	—	—	—	—
Stokesley	1,818	1,624	434	—	—	Do.	Fair and adequate.
Whorlton	6,786	367	113	—	—	Do.	Good and adequate.
Yarm	1,199	1,617	420	415	Tees Valley Water Board	Do.	Good and adequate.
<b>Thirsk R.D.:</b>							
Ainderby Quernhow	532	84	22	—	—	—	—
Bagby	1,588	214	52	—	—	Wells	—
Balk	945	67	14	—	—	—	—
Birdforth	629	41	8	—	—	—	—
Bolton	4,570	235	48	44	Thirsk District Water Co., Ltd.	Wells and springs	—
Carlton Miniott	1,552	544	128	51	Do.	Wells	—
Catton	842	87	22	—	—	Springs	—
Cowesby	1,165	77	20	—	—	—	—
Dalton	1,648	256	63	—	—	—	—
Ellenthorpe	611	54	10	—	—	—	Good.
Eldmire with Crakehill.	995	53	11	—	—	—	—
Fawdington	555	20	3	—	—	—	—
Felixkirk	1,192	91	20	16	Thirsk District Water Co., Ltd.	Wells	—
Holme	547	61	11	—	—	—	—
Hood Grange	312	8	1	—	—	—	—
Howe	402	48	9	—	—	—	—
Humbarton	1,060	85	15	—	—	—	—
Hutton Sessay	740	127	23	—	—	—	—
Kepwick	2,627	154	33	—	—	Springs	—
Kilburn	2,809	276	71	71	Thirsk R.D.C.	—	—
Kirby Hill	1,213	141	32	—	—	Wells	Fair and ample.
Kirby Knowle	1,582	99	21	—	—	—	—
Kirby Wiske	1,108	184	44	—	—	—	—
Knayton with Brawith.	1,909	276	66	—	—	—	—
Langthorpe	1,025	334	84	—	—	—	—
Maunby	1,548	162	36	—	—	Do.	Good.
Milby	758	77	19	—	—	—	—
Newby Wiske	1,429	192	41	—	—	—	—
Newsham with Breckenbrough.	1,915	186	35	1	Thirsk District Water Co., Ltd.	—	—
North Kilvington	935	57	11	—	—	—	—
Norton le Clay	1,092	111	23	—	—	—	—
Pickhill with Roxby.	2,189	285	63	—	—	—	—
Sand Hutton	1,352	224	58	—	—	Do.	Good and moderate.
Sessay	3,033	268	54	—	—	Do.	Good.
Sinderby	559	92	25	—	—	—	—
Skipton on Swale	844	113	24	—	—	Do.	Good and moderate.
South Kilvington	1,083	232	57	—	—	Do.	Good.
South Otterington	1,452	293	76	1	Thirsk District Water Co., Ltd.	Do.	Fair and ample.
Sowerby	2,618	2,201	543	281	Do.	—	—
Sutton under Whitestone Cliffe	1,909	254	63	63	Thirsk R.D.C.	—	—
Thirskleby	2,689	228	54	—	—	Wells	—
Thirby	778	110	22	—	—	Wells and springs	—
Thirsk	3,250	3,937	684	406	Thirsk District Water Co., Ltd.	—	Good.
Thornborough	562	16	3	—	—	Wells	—
Thornton Bridge	1,091	66	11	—	—	—	—
Thornton le Moor	1,527	285	66	12	Thirsk District Water Co., Ltd.	—	—
Thornton le Street	1,389	126	26	—	—	Do.	Good and moderate.
Topcliffe	4,203	542	119	—	—	Do.	Good.
Upsall	1,287	119	23	—	—	—	—
<b>Wath R.D.:</b>							
Asenby	1,179	168	40	—	—	—	—
Baldersby	1,831	236	63	—	—	—	—
Cundall with Leckby.	2,052	156	31	—	—	Wells	Good.
Dishforth	1,765	306	85	—	—	—	—
Hutton Conyers	3,212	190	25	23	Wath R.D.C.	—	—
Marton le Moor	1,679	133	19	19	R. C. de Grey Vyner, Esq.	—	—
Melmerby	1,139	284	75	75	Wath R.D.C.	—	—
Middleton Quernhow.	763	101	16	16	W. Ainsworth Wood, Esq.	—	—
Norton Conyers	1,042	78	20	—	—	—	—
Rainton with Newby.	1,578	338	90	65	Wath R.D.C.	Wells	Good.
Wath	767	190	49	—	—	—	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, North Riding—cont.</b>							
<b>Whitby R.D.:</b>							
Aislaby - - -	1,073	273	76	54	{ Whitby Waterworks Co. - Whitby R.D.C. - - -	{ Wells & springs	Good.
Barnby - - -	1,861	108	31	—	—	{	{
Borrowby - - -	681	74	20	—	—	Springs and small stream.	Fair.
Egton - - -	18,378	1,026	235	113	{ J. Dickson, Esq. - - - J. Kenneth Foster, Esq. - Whitby Waterworks Co. -	{ Wells & springs	Good.
Ellerby - - -	763	36	11	—	—	{	{
Eskdaleside cum Uggelbarnby. )	5,999	1,353	384	255	{ Whitby Waterworks Co. - A. Gladstone, Esq. - - -	{	{
Fylingdales - - -	13,325	1,635	483	450	{ Whitby R.D.C. - - - Sir Francis Ley, Bart. - Glaiddale Water Supply - J. Dickson, Esq. - - -	{	{
Glaiddale - - -	10,514	968	290	93	{ Whitby R.D.C. - - - Whitby Waterworks Co. -	{	{
Goathland - - -	9,292	519	130	62	{ Trustees of the late Sir C. W. Strickland, Bart. -	{	{
Hawsker with Stainsacre. )	3,637	507	130	45	{ Whitby Waterworks Co. - —	{	{
Hutton Mulgrave -	2,558	109	18	—	—	Do.	Fair.
Lytbe - - -	2,597	706	236	157	{ Marquess of Normanby - F. H. Pyman, Esq. - - -	{	{
Mickleby - - -	1,398	134	35	27	{ Whitby R.D.C. - - - F. H. Pyman, Esq. - - -	{	{
Newholm with Densley. )	2,191	379	102	59	{ South Cliff Waterwks. Co., Ltd. -	{	{
Newton Mulgrave -	2,347	75	12	—	—	{	{
Roxby - - -	3,257	165	30	—	—	{	{
Sneaton - - -	4,848	211	50	18	E. C. Brookshank, Esq. - -	Do.	Good.
Ugthorpe - - -	2,419	223	47	—	—	Do.	Fair.
<b>YORKSHIRE, WEST RIDING.</b>							
Altofts U.D. - - -	1,838	4,689	970	968	Wakefield T.C. (bulk) - -	Wells - - -	Satisfactory.
Ardsley U.D. - - -	1,335	6,870	1,316	1,307	Barnsley T.C. (bulk) - -	Pond and spring	Potable and adequate.
Ardsley East and West U.D.	4,017	8,120	1,822	1,817	Morley T.C. (bulk) - -	Wells and springs	Satisfactory and adequate.
Baildon U.D. - - -	2,606	6,042	1,568	1,507	Baildon U.D.C. - - -	Springs - - -	Satisfactory and sufficient.
Balby with Hexthorpe U.D.	1,615	11,570	2,500	2,470	Doncaster T.C. - - -	Wells - - -	Good.
*Barkisland U.D.	2,424	1,629	379	—	—	Wells and springs	Doubtful and inadequate.
Barnoldswick U.D.	2,130	9,703	2,131	2,081	Barnoldswick U.D.C. - -	Do.	Good and adequate.
Barnsley C.B. - - -	2,385	50,614	10,542	10,542	Barnsley T.C. - - -	—	—
Batley B. - - -	3,227	36,389	9,079	9,079	Batley T.C.; Halifax T.C. (bulk); and Dewsbury and Heckmondwike Waterworks Board (bulk).	—	—
Bentley with Arksey U.D.	5,128	6,497	1,342	1,212	Doncaster T.C. - - -	Wells - - -	Generally good and adequate.
Bingley U.D. - - -	11,675	18,759	4,699	4,519	{ Bingley U.D.C. - - - Bradford T.C. (bulk) - - Cottingham Waterwks. Co., Ltd.	{ Wells and springs	Satisfactory and adequate.
Birkenshaw U.D.	924	2,508	642	642	Bradford T.C. (bulk) - -	—	—
Birstal U.D. - - -	1,234	7,116	1,747	1,747	Bradford T.C. (bulk) - -	—	—
Bolton upon Dearne U.D.	2,325	8,670	1,526	1,501	Dearne Valley Waterworks Co.	Wells - - -	Good and fairly adequate.
Bradford C.B. - - -	22,881	288,458	70,781	70,781	Bradford T.C. - - -	—	—
Brighouse B. - - -	2,231	20,843	5,145	5,108	{ Brighouse T.C.; Halifax T.C. (bulk).	{ Wells and springs	Satisfactory.
Burley in Wharfedale U.D.	3,136	3,760	834	817	Burley in Wharfedale U.D.C. -	{ (a) Wells and springs; (b) rivers and streams.	{ (a) Good; (b) doubtful.
Calverley U.D. - - -	2,106	2,998	753	720	{ Bradford T.C. (part in bulk) Leeds T.C. - - - T. B. Clarke-Thornhill, Esq.	{ Wells, springs, and ponds.	{ Satisfactory and adequate.
Castleford U.D. - -	564	23,090	4,499	4,499	Wakefield T.C. (bulk) - -	Rain-water -	Uncertain and inadequate.

\* Barkisland U.D.—A supply in bulk is about to be furnished by Soyland U.D.C.



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1.	2.	3.	4.	5.	6.	7.	8.
Yorkshire, West Riding—cont.							
Clayton U.D.	1,462	1,863	1,185	1,117	Bradford T.C. (bulk), and thru' Queensbury U.D.C.	Wells - -	Satisfactory.
Clayton West U.D.	1,142	1,876	437	434	Denby & Cumberworth U.D.C.; and Dewsbury & Heckmond- wike Waterwks. Board thro' Skelmanthorpe U.D.C.	Springs - -	Good.
Cleckheaton U.D.	1,756	12,866	3,153	3,147	Bradford T.C. (bulk) - -	Wells - -	Doubtful.
Cudworth U.D.	1,746	6,824	1,323	1,317	Barnsley T.C. (bulk) - -	Spring - -	Satisfactory and sufficient.
Darfield U.D.	2,018	5,427	1,059	1,039	Dearne Valley Waterworks Co.	Wells and springs	Satisfactory.
Darton U.D.	4,361	9,348	1,991	1,886	Barnsley T.C.; & Penistone U.D.C. thro' Penistone R.D.C. (bulk).	Wells, springs, and dyke.	{ Some good, others doubt- ful; dyke satisfactory; generally inadequate.
Denby and Cum- berworth U.D.	4,302	3,681	824	784	Denby & Cumberworth U.D.C. Executors of the late W. Norton.	Wells and springs.	Satisfactory.
Denholme U.D.	2,536	2,971	796	695	Bradford T.C. - - - Messrs. W. & H. Foster, Ltd.	Wells - -	Potable and sufficient.
Dewsbury C.B.	6,720	53,351	13,207	13,204	Dewsbury and Heckmondwike Waterworks Board (bulk) & Halifax T.C. (bulk).	Springs - -	Satisfactory.
Dodworth U.D.	1,917	3,284	675	672	Barnsley T.C. - - - Darton U.D.C. (supply from Penistone U.D.C. thro' Penistone R.D.C.).	Do. - -	Not very good and inadequate at times.
Doncaster B.	1,695	30,516	6,652	6,646	Doncaster T.C.; Sheffield T.C. (bulk).	Wells - -	Satisfactory.
Drighlington U.D.	1,135	1,126	1,062	1,050	Bradford T.C. (bulk) - -	Do. - -	Satisfactory and adequate.
Earby U.D.	3,519	6,032	1,385	1,325	Earby Water Co. Ltd. - -	Wells & springs	{ Generally good, but variable; moderate.
Elland U.D.	1,994	10,676	2,673	2,639	Kelbrook Water Co. Ltd. - -	Wells & springs	Satisfactory.
Emley U.D.	3,556	1,622	363	310	Halifax T.C. (bulk) - -	Wells & springs	Satisfactory.
Farnley Tyas U.D.	1,784	479	121	43	Huddersfield T.C. (bulk) - -	Wells - -	Good.
Farsley U.D.	821	5,993	1,527	1,510	Earl of Dartmouth - - - Bradford T.C. (bulk) - -	Wells & springs	Generally satisfactory.
Featherstone U.D.	4,431	14,374	2,700	2,685	Leeds T.C. - - - Wakefield T.C. (bulk) - -	Wells and springs	Potable and sufficient.
Flockton U.D.	1,108	1,379	302	299	Dewsbury and Heckmondwike Waterworks Board (bulk).	Wells - -	Satisfactory.
Garforth U.D.	1,519	3,980	842	829	Flockton Beck - - - Leeds T.C. (bulk) - - -	Wells - -	Bad. Satisfactory, but limited in some cases.
Gildersome U.D.	992	2,981	749	736	Bradford T.C. (bulk) - -	Wells and springs	Satisfactory.
Golear U.D.	1,593	10,110	2,425	1,640	Bradford T.C. (bulk) - -	Wells and springs	Doubtful, but adequate.
Gomersal U.D.	1,100	3,796	987	982	Goole U.D.C. - - -	—	—
Goole U.D.	1,267	20,332	4,248	4,248	Rotherham T.C. (bulk) - -	Wells - -	Satisfactory & sufficient.
Greasbrough U.D.	2,413	3,134	659	626	Halifax T.C. (bulk) - -	Do. - -	Good and adequate.
Greetland U.D.	626	4,490	1,184	1,118	Guiseley Waterwks. Co., Ltd. J. Peate, Esq. - - -	Wells & springs	Good and sufficient.
Guiseley U.D.	1,555	4,925	1,146	1,077	Wharfedale R.D.C. - -	Wells, rivers & streams.	Fair.
Gunthwaite and Ingbirchworth U.D.	2,057	380	84	64	Barnsley T.C. (bulk) - -	Springs - -	Very fair.
Halifax C.B.	13,983	101,553	27,958	24,534	Halifax T.C. - - -	Wells and springs	Good and plentiful.
Handsworth U.D.	3,566	14,198	2,981	2,963	Sheffield T.C. - - -	Do. - -	Satisfactory.
Harrogate B.	3,277	33,703	7,158	7,144	Harrogate T.C. - - -	Wells - -	Generally satisfactory.
Haworth U.D.	2,337	6,505	1,682	1,575	Haworth U.D.C.; Keighley T.C. (and occasionally in bulk).	Springs - -	Satisfactory.
Hebden Bridge U.D.	476	7,172	1,847	1,330	Halifax T.C. (bulk) - -	—	—
Heckmondwike U.D.	696	9,016	2,263	2,263	Dewsbury and Heckmondwike Water Board (bulk).	Wells and springs	Fairly good.
Hipperholme U.D.	1,196	4,438	1,147	1,141	Halifax T.C. (bulk) - -	Springs - -	Good.
Holme U.D.	3,464	389	96	78	Holme U.D.C. - - -	Wells and springs	Generally satisfactory.
Holmfirth U.D.	8,493	10,575	2,498	1,688	Holmfirth U.D.C.; Hudders- field T.C. (bulk—occasional).	Do. - -	{ Good and adequate, but distant from some houses.
Honley U.D.	1,890	4,639	1,225	1,024	Huddersfield T.C. - - - Batley T.C. - - -	Do. - -	



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1.	2.	3.	4.	5.	6.	7.	8.
Yorkshire, West Riding—cont.							
Horbury U.D.	1,280	7,509	1,739	1,731	Halifax T.C. thro' Batley T.C. (bulk) and Dewsbury T.C.	Wells and springs	Satisfactory.
Horsforth U.D.	2,800	9,145	2,171	2,085	Horsforth U.D.C. - - -	Wells - -	Satisfactory and sufficient.
Hoyland Nether U.D.	2,087	14,638	2,910	2,844	Dearne Valley Waterwks. Co. Sheffield T.C. through Earl Fitzwilliam.	Do. -	Satisfactory.
Hoyland Swaine U.D.	2,026	605	147	12	Barnsley T.C. - - -	Wells and springs	Good and adequate, except in time of drought.
Huddersfield C.B.	11,865	107,821	25,879	25,879	Huddersfield T.C. - - -	—	—
Hunsworth U.D.	1,381	1,326	344	334	Bradford T.C. (bulk) - -	Wells and springs	Satisfactory and sufficient.
Ilkley U.D.	3,816	7,992	1,701	1,658	Ilkley U.D.C. - - -	Springs - -	Satisfactory.
Keighley B.	3,902	43,487	10,009	9,509	Keighley T.C. - - -	Wells and springs	Satisfactory, but occasion- ally liable to pollution.
Kirkburton U.D.	1,289	3,409	805	802	Huddersfield T.C. - - -	Wells and springs	Satisfactory & adequate.
Kirkheaton U.D.	1,674	2,621	666	648	Do. - - -	Wells - -	
Knarborough U.D.	609	5,315	1,314	1,314	Harrogate T.C. - - -	—	—
Knottingley U.D.	1,484	6,680	1,417	1,387	Pontefract T.C. (bulk) - -	Wells - -	Good and sufficient.
*Leeds C.B.	26,242	456,462	112,621	112,621	Leeds T.C. - - -	—	—
Lepton U.D.	1,862	2,999	744	732	Huddersfield T.C. - - -	Wells - - Springs - -	Good, but inadequate. Good, but distant from houses.
Linthwaite U.D.	1,323	8,961	2,167	2,067	Huddersfield T.C. and Linth- waite U.D.C.	Wells and springs	Good and adequate.
Liversedge U.D.	2,136	14,658	3,566	3,560	Bradford T.C. - - -	Wells - -	Satisfactory.
Luddenden Foot U.D.	765	2,904	752	452	Messrs. Whitworth & Co., Ltd. Halifax T.C.	Wells & springs	
Marsden U.D.	8,633	5,757	1,304	517	Huddersfield T.C. - - - Meltham U.D.C. - - -	Do.	Good.
Meltham U.D.	5,134	5,159	1,297	1,192	Messrs. Jonas Brook & Bros., Ltd. Huddersfield T.C. - - -		
Methley U.D.	3,493	4,327	952	952	Wakefield T.C. (bulk) - -	—	—
Mexborough U.D.	1,292	14,401	2,875	2,845	Mexborough and District Water Co., Ltd.	Wells & borehole	Fairly good and adequate.
Midgley U.D.	2,183	2,143	550	376	Trustees of the late T. Ash- worth; Mrs. H. Calvert; Executors of the late J. East- wood; A. G. D. Farrer, Esq.; Luddenden & Dist. Industrial Co-op. Soc., Ltd.; Midgley Co-op. Industrial Soc., Ltd.; J. Murgatroyd, Esq.; S. Robertshaw, Esq.; Messrs. J. & J. Schofield; Mrs. E. Sutcliffe; Mrs. S. Thomas; Executors of the late T. Tit- terington; Messrs. R. Whit- aker and Sons, Ltd.	Wells and springs	Satisfactory.
Mirfield U.D.	3,394	11,712	2,916	2,916	Huddersfield T.C. - - -	—	—
Monk Bretton U.D.	2,148	4,783	949	937	Barnsley T.C.; also in bulk, and thro' Cudworth U.D.C.	Wells - -	Satisfactory.
Morley B.	3,385	24,282	5,822	5,799	Morley T.C. and Halifax T.C. (bulk).	Wells, springs & surface water.	
Mytholmroyd U.D.	6,608	4,151	1,152	594	Halifax T.C. (bulk) - -	Springs - -	Fairly good and constant.
New Mill U.D.	6,259	4,568	1,044	692	Huddersfield T.C. - - - New Mill U.D.C. - - -	Wells and springs.	Generally satisfactory and sufficient.
Normanton U.D.	1,228	15,032	2,915	2,915	Thurstone U.D.C. (bulk) - - Wakefield T.C. (bulk) - -	—	
Oakworth U.D.	9,125	4,279	1,098	1,040	Keighley T.C. (bulk); C. Bairstow, Esq.; Lay- cock Water Co.	Wells - -	Satisfactory.
Ossett B.	3,236	14,078	3,486	3,486	Dewsbury & Heckmondwike Waterworks Board (bulk).	—	—
Otley U.D.	2,950	9,844	2,150	2,150	Otley U.D.C. - - - F. E. Wilkinson Esq. - -	—	—

\* Leeds C.B.—As extended from 9th November 1912.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
Oxenhope U.D.	4,254	2,451	646	395	Bradford T.C.; Exors. of the late S. Crabtree; Sir J. C. Horsfall, Bart.; Messrs. Kershaw Bros.; Messrs. F. E. & C. A. Pawson; Jonas Pickles, Esq.; Messrs. M. & J. H. Pighills; John Reddihough, Esq.; H. G. Whitaker, Esq.; Various property owners.	Wells & springs	Satisfactory and plentiful.
Penistone U.D.	1,134	3,408	736	715	Penistone U.D.C.	Wells, springs, Mossley Dyke and stream.	Satisfactory and adequate.
Pontefract B.	4,078	15,949	2,904	2,884	Pontefract T.C.	Wells and springs	Good.
Pudsey B.	2,399	14,023	3,580	3,550	Bradford T.C. (bulk); and thro' Farsley U.D.C.; Leeds T.C.	Wells	Good and sufficient.
Queensbury U.D.	1,492	6,125	1,651	1,555	Bradford T.C. (bulk); Yeasdon Waterworks Co.; Trustees of the late A. N. Briggs.	Wells and springs	Good.
Rawdon U.D.	1,561	3,198	741	741	W. E. J. Green-Emmott, Esq.	—	—
Rawmarsh U.D.	2,550	17,185	3,547	3,530	Rotherham T.C. (bulk)	Wells and rain-water.	Fair.
Ripon B.	1,812	8,218	1,959	1,950	Ripon T.C.	Wells and streams	Satisfactory.
Rishworth U.D.	6,551	934	197	85	Rishworth U.D.C.	Wells	Satisfactory and adequate.
Rotherham C.B.	6,001	62,483	12,819	12,801	Sheffield T.C. (bulk)	Do.	Satisfactory.
Rothwell U.D.	6,024	14,277	3,060	3,041	Leeds T.C. (bulk); Morley T.C. thro' Ardsley East and West U.D.C. (bulk).	Do.	Good and adequate.
Royston U.D.	1,022	6,237	1,142	1,140	Barnsley T.C. (bulk)	Do.	Satisfactory
Saddleworth U.D.	16,930	12,603	3,022	1,636	Ashton under Lyne, Stalybridge, and Dukinfield (District) Waterworks Joint Committee.	Wells and springs	Generally good and adequate.
Scammonden U.D.	1,807	341	90	—	—	Springs	Good.
Selby U.D.	3,848	9,048	1,955	1,925	Selby U.D.C.	Wells	Fair, but very hard.
Sheffield C.B.	24,353	459,916	98,815	98,623	Derwent Valley Water Board (bulk); Sheffield T.C.	Wells and springs	Fairly satisfactory and adequate.
Shelf U.D.	1,303	2,334	647	604	Bradford T.C. mainly through Shelf Waterworks Co.	Do.	Satisfactory and sufficient.
Shelley U.D.	1,568	1,753	426	398	Huddersfield T.C.	Do.	Fairly good.
Shipley U.D.	1,247	1,879	449	238	Do.	Do.	Very fair.
Shipley U.D.	2,182	27,706	6,837	6,761	Shipley U.D.C. and New Brighton Property Owners.	Do.	Generally satisfactory and adequate.
Silsden U.D.	7,101	4,960	1,172	1,052	Silsden U.D.C. (occasional supply from Bradford T.C.).	Ponds, streams, rain-water, wells & springs.	Good.
Skelmanthorpe U.D.	1,165	3,817	924	924	Dewsbury and Heckmondwike Waterworks Board (bulk); Denby and Cumberworth U.D.C.	—	—
Skipton U.D.	4,204	12,977	2,834	2,822	Skipton U.D.C.	Streams & springs	Satisfactory.
Slaithwaite U.D.	3,172	5,568	1,334	789	Huddersfield T.C.; Earl of Dartmouth	Springs	Satisfactory and sufficient.
South Crosland U.D.	1,811	3,124	793	678	Huddersfield T.C.	Wells, springs and surface water.	Satisfactory & adequate.
Southowram U.D.	1,821	2,745	639	497	Halifax T.C.	Delph Beck	Liable to pollution.
Sowerby U.D.	2,462	3,232	903	616	F. Carter, Esq.; F. W. Hadwen, Esq.; J. A. Helwell, Esq.; Trustees of the late W. Morris; Mrs. MacDougall Rawson; J. Selwyn Rawson, Esq.; Capt. J. Stansfeld; G. A. Titterton, Esq.; and J. L. Whiteley, Esq.	Wells & springs	Good.
Sowerby Bridge U.D.	564	11,350	2,865	2,865	Halifax T.C. (bulk)	—	—
Soyland U.D.	4,265	2,934	711	219	Soyland U.D.C.	Wells and springs	Fair.
Springhead U.D.	1,555	5,051	1,206	1,028	Oldham T.C. and Ashton under Lyne, Stalybridge, &c. Joint Committee.	Do.	Satisfactory and adequate.
Stainland with Old Lindley U.D.	2,330	4,449	1,159	900	Stainland with Old Lindley U.D.C. and Huddersfield T.C.	Do.	Good and sufficient.
Stanley U.D.	4,263	13,586	2,950	2,944	Wakefield T.C. through Wakefield R.D.C. (bulk); Morley T.C. through Ardsley East and West U.D.C. (bulk).	Wells	Good.
Stocksbridge U.D.	3,994	7,086	1,480	1,416	Sheffield T.C.	Wells and springs	Fairly good, but variable.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Yorkshire, West Riding—cont.</b>									
Swinton U.D.	730	13,654	2,791	2,733	Swinton U.D.C.	Wells and springs	Satisfactory.		
Thurstone U.D.	8,116	2,848	641	500	Thurstone U.D.C.	Do.	Generally good and adequate.		
Thurnscoe U.D.	1,254	4,074	712	710	Barnsley T.C. through Hems- worth R.D.C. (bulk).	Wells	Satisfactory.		
Thurstonland U.D.	2,107	2,041	221	144	Huddersfield T.C. (part in bulk); Batley T.C.; T. Norton, Esq.; Earl of Dartmouth; T. Brooke, Esq.	Wells Springs	Generally good, but in- adequate in dry summer. Fairly good.		
Tickhill U.D.	5,580	1,806	452	—	—	Wells	Generally good and plentiful.		
Todmorden B.	12,770	25,404	6,402	6,302	Todmorden T.C.	Springs	Generally satisfactory and adequate.		
Wakefield B.	4,060	51,511	10,722	10,718	Wakefield T.C.	Wells and springs	Generally satisfactory.		
Wath upon Dearne U.D.	2,335	11,823	2,356	2,340	Wath upon Dearne U.D.C.	Wells	Good and adequate.		
Wheatley U.D.	1,285	5,363	1,263	1,249	Doncaster T.C.	Wells	Satisfactory.		
Whitley Upper U.D.	2,052	830	180	162	Dewsbury and Heckmond- wike Waterworks Board through Flockton U.D.C. (bulk).	Wells, springs and ponds.	Satisfactory & sufficient.		
Whitwood U.D.	1,083	5,517	1,034	1,034	Wakefield T.C. (bulk)	—	—		
Wombwell U.D.	3,850	17,536	3,361	3,334	Dearne Valley Waterworks Co. (bulk).	Wells and springs	Satisfactory and adequate.		
Worsborough U.D.	3,781	12,750	2,600	2,570	Barnsley T.C. (bulk)	Wells	Satisfactory & sufficient.		
Yeadon U.D.	1,724	7,440	1,763	1,757	Yeadon Waterworks Co. J. Peate, Esq.	Do.	Good.		
<b>York C.B. (see East Riding).</b>									
<b>Barnsley R.D.:</b>									
Billingley	863	193	42	40	Dearne Valley Water Co.	Wells & springs	Satisfactory.		
Carlton	1,977	2,289	423	418	Barnsley T.C. through Earl Wharcliffe.				
					Barnsley T.C. thro' Royston U.D.C., and thro' Earl of Wharcliffe; Penistone U.D.C. thro' Penistone R.D.C. & Darton U.D.C. (bulk).				
Notton	2,603	288	63	56	Barnsley T.C. (bulk)				
Stainbrough	1,720	474	110	102	Penistone U.D.C. through Penistone R.D.C. and Darton U.D.C. (bulk).	Wells	Fair.		
Woolley	2,589	880	191	169	—				
<b>Bishopthorpe R.D.:</b>									
Acaster Malbis	1,874	222	35	—	—				
Askham Richard	982	171	41	32	W. F. Wailes-Fairbairn, Esq.				
Bishopthorpe	720	451	118	110	York Waterworks Co.				
Copmanthorpe	1,658	344	70	50	York Waterworks Co. (bulk)	Wells	Fair.		
Dringhouses With- out.	610	764	170	163	—				
Middlethorpe With- out.	567	139	25	23	York Waterworks Co.				
<b>Bowland R.D.:</b>									
Bashall Eaves	3,807	236	42	23	H.W. Worsley Taylor, Esq., K.C.	Springs, wells, and streams.	Fair.		
Bolton by Bowland	5,943	635	146	45	Trustees of C. B. E. Wright's Settled Estates.				
Bowland Forest High.	19,744	192	45	43	The Towneley Owners				
Bowland Forest Low.	5,501	237	48	45	—				
Easington	9,203	262	48	5	Fyke Water Board	Springs & streams	Fair.		
Gisburn	1,998	449	94	76	Lord Ribblesdale				
Gisburn Forest	4,861	220	48	—	—				
Great Mitton	1,727	149	27	22	Clitheroe T.C. thro' J. R. Aspinall, Esq.				
Grindleton	3,780	620	168	101	Clitheroe T.C. (bulk)	Springs & streams	Fair.		
Horton	2,021	77	17	—	—				
Middop	1,162	51	13	—	—				
Newsholme	752	49	11	—	—				
Newton	5,867	257	61	—	—	Wells & springs	Fair.		
Paythorne	2,638	151	24	—	—				
Rimington	3,084	329	79	49	G. R. Lane Fox, Esq., M.P.				
Sawley	2,106	141	32	—	—				
Shadburn	5,173	331	87	—	—	Springs, wells, and streams.	Fair.		
Waddington	2,074	644	160	150	Waddington Property Owners				
					Rev. Oliver Burton				
West Bradford	1,957	327	76	76	Clitheroe T.C. through West Bradford Water Committee.				
<b>Doncaster R.D.:</b>									
Adwick le Street	2,066	5,123	1,250	1,020	Brodsworth Main Colliery Co., Ltd. (part in bulk—temporarily)	Wells	Indifferent.		
Adwick upon Dearne	1,142	753	153	152	Wath upon Dearne U.D.C.	Spring	Good and adequate.		
Armthorpe	2,923	381	89	—	Manvers Main Collieries, Ltd.	Wells & springs	Mostly bad.		



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Doncaster R.D.—cont.</b>							
Askern - - -	858	988	510	412	Askern Coal and Iron Co., Ltd. (bulk).	Wells & springs	Fairly good, but inade- quate.
Auckley - - -	2,088	231	69	—	—	Wells - - -	Good.
Austerfield - - -	2,784	370	88	—	—	—	—
Barnbrough - - -	1,911	568	134	134	Doncaster R.D.C. - - -	—	—
Barnby upon Don - - -	2,642	600	165	—	—	—	—
Bawtry - - -	260	1,098	274	—	—	—	—
Bilham - - -	536	49	7	—	—	Wells - - -	Mostly good.
Blaxton - - -	1,857	219	54	—	—	—	—
Braithwell - - -	1,949	450	125	—	—	—	—
Brodsworth - - -	3,121	403	89	89	C. Thellusson, Esq. - - -	—	—
Burghwallis - - -	940	160	27	23	Major E. L. Swinburne Anne	Wells - - -	Good.
Cadeby - - -	1,235	152	35	35	Mrs. Bewicke-Copley - - -	—	—
Campsall - - -	1,730	312	59	—	—	—	—
Cantley - - -	5,598	560	140	8	Doncaster T.C. - - -	Wells - - -	Good.
Carr House and Elmfield.	236	1,006	264	264	Do. - - -	—	—
Clayton with Frick- ley.	2,007	330	74	70	Barnsley T.C. (bulk), and through Thurnscoe U.D.C. W. W. Warde Aldam, Esq. - Denaby and Cadeby Main Collieries, Ltd. (part in bulk). S. Whitfield, Esq. - - -	Well - - -	Good and adequate.
Conisbrough - - -	4,299	11,059	2,226	2,164	—	Wells & springs	—
Denaby - - -	1,058	5,060	990	886	Denaby, &c., Collieries, Ltd. -	Wells - - -	Good.
Edlington - - -	1,757	580	242	214	Doncaster T.C. - - -	Do. - - -	Good and adequate.
Fenwick - - -	2,371	195	47	—	—	Do. - - -	—
Hampole - - -	1,303	154	35	—	—	Spring - - -	Good.
Hickleton - - -	1,115	139	31	—	—	Wells - - -	—
High Melton - - -	1,525	133	31	28	F. J. O. Montagu, Esq. - - -	Well - - -	Good and adequate.
Hooton Pagnell - - -	2,001	282	66	66	Mrs. Warde Aldam - - -	—	—
Kirk Bramwith - - -	1,326	190	51	—	—	Wells - - -	Good.
Kirk Sandall - - -	2,337	282	66	—	—	Do. - - -	Some good, some bad.
Loversall - - -	2,174	158	40	40	Mrs. Skipwith - - -	—	—
Marr - - -	1,821	172	39	—	—	Wells - - -	—
Moss - - -	2,497	295	67	—	—	—	—
Norton - - -	2,322	516	176	—	—	Wells - - -	Good.
Owston - - -	2,728	683	178	145	P. T. Davies-Cooke, Esq. - -	Wells & spring	—
Rossington - - -	3,046	371	82	54	Rossington Main Colliery Co., Ltd.	Wells - - -	—
Skellow - - -	931	760	154	102	P. T. Davies-Cooke, Esq. - -	—	—
Sprotbrough - - -	2,735	356	88	51	W. Battie Wrightson, Esq. - Mrs. Bewicke-Copley - - -	Do. - - -	Good and adequate.
Stainton - - -	2,861	463	100	—	—	Do. - - -	Good.
Stotfold - - -	256	8	1	—	—	Do. - - -	Good and adequate.
Sutton - - -	762	90	27	12	Major E. L. Swinburne Anne	Do. - - -	Good.
Thorpe in Balne - - -	1,866	133	30	—	—	Do. - - -	Good.
Wadworth - - -	3,942	641	155	—	—	Do. - - -	Fair, but inadequate.
Warmsworth - - -	1,075	486	196	101	Doncaster T.C. - - -	Do. - - -	Good.
<b>Goole R.D.:</b>							
Adlingfleet - - -	1,768	179	51	—	—	—	—
Airmyn - - -	3,308	482	114	81	A. H. Heber-Percy, Esq. - -	Wells and rain- water.	—
Eastoft - - -	1,327	90	15	—	—	—	—
Fockerby - - -	853	74	18	—	—	—	—
Goole Fields - - -	4,821	352	60	—	—	Wells - - -	—
Gowdall - - -	1,199	245	58	—	—	Wells and rain- water.	Fair, but scarce in dry season.
Haldenby - - -	1,477	105	12	—	—	Do. do. - - -	—
Hook - - -	727	584	150	142	Goole U.D.C. (bulk) - - -	Do. do. - - -	—
Onesfleet - - -	2,169	175	48	—	—	Do. do. - - -	—
Pollington - - -	1,947	414	102	76	Goole U.D.C. (bulk) - - -	—	—
Rawcliffe - - -	4,428	2,300	520	275	Do. do. - - -	Wells - - -	—
Reedness - - -	2,553	453	116	—	—	Wells and rain- water.	—
Snaith and Cowick	5,979	1,619	432	102	Goole R.D.C. - - -	Wells - - -	Bad and inadequate.
*Swinesfleet - - -	2,783	1,153	318	—	—	Wells and rain- water.	Fair, but inadequate.
Whitgift - - -	1,437	291	80	—	—	Do. do. - - -	Fair, but scarce in dry season.
<b>Great Ouseburn R.D.:</b>							
Acomb - - -	1,581	3,353	850	850	York Waterworks Co. - - -	Wells - - -	Generally good and plen- tiful.
Aldbrough - - -	2,242	422	105	—	—	Do. - - -	Fair and plentiful.
Allerton Mauleverer with Hopperton.	2,282	209	40	—	—	Do. - - -	Some good; others not so good.
Arkendale - - -	1,604	166	35	—	—	Do. - - -	Many wells good, but not always sufficient.
Boroughbridge - - -	95	842	199	—	—	Do. - - -	Good and plentiful.
Cattal - - -	1,126	153	37	—	—	Do. - - -	Good, but sometimes scarce.
Coneythorpe and Clareton.	808	88	18	—	—	Do. - - -	Satisfactory.
Copgrove - - -	861	67	15	—	—	Do. - - -	—

\* Swinesfleet.—Goole R.D.C. are about to provide a supply.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Great Ouseburn R.D.—cont.</b>							
Great Ouseburn	1,789	474	89	—	—	Wells	Satisfactory, but sometimes scarce.
Great Ribston with Walshford.	1,935	170	31	—	—	Do.	Satisfactory.
Green Hammerton	1,206	292	68	68	Great Ouseburn R.D.C.	—	—
Hessay	1,256	103	22	—	—	Wells	Satisfactory and plentiful.
Hunsingore	1,159	156	31	—	—	Do.	Satisfactory.
Kirby Hall	427	39	5	—	—	Do.	Variable; deep wells good.
Kirk Hammerton	1,089	371	99	—	—	Do.	Good.
Knapton	872	116	22	—	—	Do.	Satisfactory, but somewhat insufficient.
Little Ouseburn	706	196	58	—	—	Do.	Satisfactory.
Lower Dunsforth	1,048	95	22	—	—	Do.	Doubtful and often inadequate.
Marton cum Gratton.	2,167	349	73	—	—	Do.	Satisfactory.
Minskip	1,414	207	52	—	—	Do.	Satisfactory and plentiful.
Moor Monkton	3,069	227	45	—	—	Do.	Good and plentiful.
Nether Poppleton	1,285	285	56	—	—	Do.	Variable, but plentiful.
Nun Monkton	1,776	232	58	—	—	Do.	Doubtful, but plentiful.
Roecliffe	1,862	210	50	—	—	Do.	Generally good and plentiful.
Rufforth	2,466	265	60	—	—	Do.	Satisfactory, but sometimes scarce.
Staveley	1,425	271	64	—	—	Do.	Satisfactory.
Thorntville	264	24	5	—	—	Do.	Good and plentiful.
Thorpe Underwoods	2,246	111	18	—	—	Do.	Satisfactory.
Upper Dunsforth with Branton Green.	1,010	95	18	—	—	Do.	Good and plentiful.
Upper Poppleton	1,401	473	125	—	—	Do.	Satisfactory.
Westwick	422	16	3	—	—	Do.	Satisfactory, but often insufficient.
Whixley	2,375	567	115	—	—	Do.	Satisfactory.
Widdington	701	23	4	—	—	Do.	Satisfactory.
<b>Halifax R.D.:</b>							
Clifton	2,207	2,258	530	516	Halifax T.C. (bulk) and thro' Hipperholme U.D.C.; Bradford T.C. thro' Cleckheaton and Liversedge U.D.C.'s; Huddersfield T.C.	Wells & springs	Generally fair.
Fixby	938	487	127	54	Huddersfield T.C. Halifax T.C. through Elland U.D.C.	Do.	Generally fair, but short in very dry seasons.
Hartshend	863	958	208	208	Huddersfield T.C. Halifax T.C. (bulk) Halifax R.D.C.	—	—
Norland	1,103	1,211	311	122	Halifax T.C. thro' Sowerby Bridge U.D.C.	Wells & springs	Generally fair.
Norwood Green and Coley.	601	884	230	196	Halifax T.C.	—	—
Upper Greetland	811	412	105	48	Halifax R.D.C.	—	—
<b>Hemsworth R.D.:</b>							
Aekworth	2,645	4,183	798	785	Pontefract T.C. (bulk)	Springs and wells	Fairly good.
Badsworth	1,547	245	48	48	Mrs. Heywood Jones	—	—
Brierley	2,501	3,876	671	667	Barnsley T.C. (bulk)	Springs & wells	—
Great Houghton	1,649	1,720	316	276	Dearne Valley Waterworks Co.	Springs	—
Hampshall Stubbs	239	32	4	—	—	—	—
Havercroft with Cold Hiendley.	1,364	807	136	134	Barnsley T.C. (bulk)	Springs and wells	—
Hemsworth	4,163	10,173	1,785	1,768	—	—	—
Hesle and Hill Top	900	236	44	22	—	—	—
Huntwick with Foulby & Nostell.	1,147	540	102	80	Lord St. Oswald	Wells	—
Kirk Smeaton	1,700	337	78	46	Pontefract T.C. (bulk)	—	—
Little Houghton	669	498	90	87	Dearne Valley Waterworks Co.	Springs & wells	Fairly good, but some wells inadequate in dry weather.
Little Smeaton	1,043	188	54	52	Pontefract T.C. (bulk)	—	—
North Elmsall	2,117	451	86	33	Barnsley T.C. (bulk)	Wells	—
Ryhill	592	2,191	419	417	Do. do.	Springs and wells	—
Shafton	912	1,105	219	218	—	Well and stream	—
Skelbrooke	1,149	140	24	—	—	—	—
South Elmsall	1,426	4,359	715	708	Barnsley T.C. (bulk)	Springs & wells	—
South Hiendley	1,291	1,119	221	219	—	—	—
South Kirkby	2,362	7,086	1,176	1,163	Pontefract T.C. (bulk)	—	—
Thorpe Audlin	1,310	298	69	48	—	—	—
Upton	1,114	266	53	—	—	—	—
Walden Stubbs	1,373	152	35	—	—	—	—
West Harwood	487	24	6	—	—	—	—
Winterset	1,050	77	14	—	—	Wells	Fairly good, but inadequate in dry weather.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Hunslet R.D. :</b>							
Middleton - - -	1,815	1,207	259	255	{ Morley T.C. thro' Ardsley East and West U.D.C.(bulk) Leeds T.C. (bulk) - - -	{ Wells & rain- water.	Satisfactory.
Oulton with Wood- lesford.	1,178	3,205	691	690	Leeds T.C. (bulk) - - -	Well - - -	{ Rather hard, but ad- quate.
Templenewsam - -	3,113	3,346	780	776	Do. do. - - -	Well and spring	
Thorpe Stapleton -	294	28	5	5	Do. do. - - -	—	—
<b>Keighley R.D. :</b>							
Morton - - -	3,736	2,169	606	492	{ Morton Water Co. Messrs. Edwin Merrall, Ltd. Capt. C. S. Greenwood - Riddlesden Water Supply - Col. G. L. Bence Lambert & other property owners.	{ Springs - - -	{ Good and adequate.
Steeton with East- burn.	{ 2,065	2,307	579	522	{ Exors. of the late W. Barrett John Smith Esq. - - - Keighley R.D.C. - - - Sutton Mill Water Co. - Sutton in Craven Water Co., Ltd.	{ Springs, wells, and surface water.	
Sutton - - -					2,349	2,159	
<b>Kiveton Park R.D. :</b>							
Dinnington - - -	1,652	4,897	1,000	988	Sheffield T.C. (bulk) - - -	{ Wells - - -	{ Sufficient.
Firbeck - - -	1,297	183	47	—	—	Wells and stream	
Gildingwells - - -	588	81	15	—	—	Wells - - -	Generally good.
Harthill with Woodhall.	3,107	1,214	244	92	Sheffield T.C. (bulk) - - -	Wells - - -	
Letwell - - -	1,331	101	26	—	—	—	{ Sufficient.
North and South Anston.	3,852	2,184	462	221	{ Sheffield T.C. (bulk) - -	{ Do. - - -	
St. John's with Throapham.	1,060	95	19	2	—	—	Doubtful.
Thorpe Salvin - -	2,296	373	85	26	Sheffield T.C. (bulk) - - -	Wells and spring	
Todwick - - -	1,806	334	67	28	{ Do. do. - - -	Wells - - -	Sufficient.
Wales - - -	2,249	3,635	773	679	—	Wells and spring	Doubtful.
Woodsetts - - -	832	324	68	—	—	—	—
<b>Knaresborough R.D. :</b>							
Bilton - - -	1,425	186	38	27	Harrogate T.C. - - -	{ Wells - - -	Fair.
Brearton - - -	1,565	169	43	—	—		
Burton Leonard - -	1,797	388	121	105	Knaresborough R.D.C. - - -		
Farnham - - -	1,043	139	36	8	Dr. H. Shann - - -		
Felliscliffe - - -	2,628	319	84	12	C. Hare-Gill, Esq. - - -	{ Wells - - -	Fair, but inadequate.
Ferrensby - - -	424	95	24	—	—		
Flaxby - - -	718	69	15	—	—		
Follifoot - - -	1,865	535	128	64	{ Harrogate T.C. - - - Knaresborough R.D.C. - -		
Goldsborough - - -	1,787	175	42	35	Harrogate T.C. - - -	{ Do. - - -	Fair.
Hampsthwaite - - -	1,138	443	122	—	—		
Haverah Park - - -	2,246	86	17	6	Harrogate T.C. - - -		
Killinghall - - -	3,518	1,067	251	181	{ Do. - - - Knaresborough R.D.C. - -		
Knaresborough Outer.	2,636	899	234	194	Harrogate T.C. - - -	{ Do. - - -	Fair.
Nidd - - -	1,204	205	43	—	—		
Pannal - - -	4,040	1,963	437	437	Harrogate T.C. - - -		
Plompton - - -	2,136	165	33	30	Earl of Harewood - - -		
Ripley - - -	1,643	254	63	50	Sir W. Ingilby, Bart. - - -	{ Wells - - -	Fair.
Scotton - - -	1,129	364	101	—	—	Do. - - -	Fair, but inadequate.
Scriven - - -	1,232	183	44	13	Harrogate T.C. - - -	{ Do. - - -	Fair.
South Stainley with Cayton.	2,131	195	41	—	—		
Starbeck - - -	630	217	35	10	Harrogate T.C. - - -		
Walkingham Hill with Occaney.	427	27	4	—	—		
<b>Pateley Bridge R.D. :</b>							
Bewerley - - -	5,774	711	189	8	John Smith's Tadcaster Brewery Co., Ltd.	{ Wells - - -	Fair.
Birstwith - - -	1,802	490	119	—	—		
Bishop Thornton - -	3,136	498	101	—	—		
Clint - - -	1,944	395	101	—	—		
Dacre - - -	5,385	563	125	—	—	{ Wells - - -	Fair, but inadequate.
Down Stonebeck - -	12,508	278	62	—	—		
Fountains Earth - -	6,743	256	76	—	—		
Hartwith cum Win- sley.	5,363	817	198	—	—		
High and Low Bishopside.	6,010	1,979	487	188	Pateley Bridge R.D.C. - - -	{ Springs - - -	Satisfactory.
Menwith with Dar- ley.	2,861	580	142	—	—	{ Wells - - -	Fair.
Thornthwaite with Padsde.	3,475	178	41	—	—		
Thruscross - - -	6,529	131	31	—	—		
Upper Stonebeck - -	12,511	830	97	—	—		
Warsill - - -	1,030	47	12	—	—	{ Wells - - -	Fair.







County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
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1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Rotherham R.D.—cont.</b>							
Hooton Levitt -	549	89	17	—	—	Stream and wells	Good.
Hooton Roberts -	1,057	191	42	42	Earl Fitzwilliam -	—	—
Laughton en le Moorthen.	3,879	1,859	338	121	Sheffield T.C. (bulk) -	Wells -	Variable.
Maltby -	4,100	1,700	332	145	Do. do. -	Wells and streams	Good.
Orgreave -	547	128	31	31	Do. do. -	—	—
Ravenfield -	1,236	316	67	35	Do. do. -	Wells and streams	Good.
Thrybergh -	1,318	2,656	439	439	Do. do. -	—	—
Treeton -	1,166	1,859	419	419	Do. do. -	—	—
Ulley -	934	239	50	39	Do. do. -	Wells -	Variable.
Wentworth -	2,328	1,949	398	369	Sheffield T.C. (bulk) - Sheffield T.C. through Earl Fitzwilliam.	Do. -	Good.
Whiston -	3,431	1,939	440	440	Sheffield T.C. (bulk) -	—	—
Wickersley -	1,274	956	183	7	Sheffield T.C. (bulk) -	Wells -	Variable.
<b>Sedbergh R.D.:</b>							
Dent -	20,895	942	255	69	Sedbergh R.D.C. -	Springs -	Good and adequate
Garsdale -	11,068	390	104	—	—	Wells, springs & River Clough.	
Sedbergh -	20,711	2,405	527	380	Sedbergh R.D.C. -	Springs -	
<b>Selby R.D.:</b>							
Barlow -	2,334	224	53	—	—	—	Generally doubtful, but adequate.
Biggin -	718	127	30	—	—	—	
Brayton -	1,826	317	82	67	Selby U.D.C. (bulk) -	—	
Burn -	2,482	332	70	—	—	—	
Camblesforth -	2,136	308	78	—	—	—	
Carlton -	3,649	753	192	—	—	—	
Cawood -	2,843	955	277	260	Selby U.D.C. (bulk) -	—	
Chapel Haddlesey -	1,137	168	50	—	—	—	
Drax -	969	419	89	—	—	—	
Gateforth -	2,063	201	34	27	Selby U.D.C. (bulk) -	Wells -	
Hambleton -	2,336	514	122	—	—	—	
Hirst Courtney -	620	112	29	—	—	—	
Little Fenton -	781	75	20	—	—	—	
Long Drax -	1,631	141	30	—	—	—	
Newland -	2,151	257	66	—	—	—	
Temple Hirst -	746	103	32	—	—	—	
Thorpe Willoughby -	463	128	31	30	Selby U.D.C. (bulk) -	—	
West Haddlesey -	1,211	138	35	—	—	—	
Wistow -	4,312	650	170	—	—	—	
<b>Settle R.D.:</b>							
Airton -	2,559	201	45	38	Settle R.D.C. -	Wells and springs	Fair.
Arnccliffe -	3,140	123	26	25	The Misses Hammond -	Spring -	Fairly good.
Austwick -	7,921	476	108	84	Settle R.D.C. -	Wells and springs	Fairly good, but many inadequate in dry weather
Bentham -	7,723	2,476	576	541	Do. -	—	—
Burton in Lonsdale -	1,557	525	114	90	Burton in Lonsdale Waterworks Co. Ltd.	Do. -	Fairly good.
Clapham cum Newby.	12,041	671	151	118	J. A. Farrer, Esq. -	Wells, springs & streams.	Fairly good, but inadequate in dry weather.
Giggleswick -	4,337	946	162	136	Settle R.D.C. -	Wells and springs	Moderate & fairly adequate.
Halton Gill -	7,861	87	15	—	Do. -	Springs & streams	Fairly good and adequate.
Hanlith -	966	37	6	6	D. Illingworth, Esq. -	—	—
Hawkswick -	3,080	49	12	—	—	Springs & streams	—
Hellifield -	3,402	952	208	203	Midland Railway Co. -	Springs -	Fair.
Horton in Ribblesdale.	17,274	720	147	90	Settle R.D.C. - Messrs. J. Delaney, Ltd.	Wells, springs & streams.	Fair, but some inadequate in dry weather.
Ingleton -	17,509	1,672	364	302	Settle R.D.C. -	—	—
Kirkby Malham -	1,148	118	25	14	Mrs. Atkinson -	—	—
Langcliffe -	2,564	658	141	92	Settle R.D.C. -	—	—
Lawkland -	5,347	227	51	—	—	Wells & springs	Fair.
Litton -	3,923	61	13	—	—	—	—
Long Preston -	3,577	733	194	177	Long Preston Water Co. -	—	—
Malham -	4,287	131	31	30	W. Morrison, Esq. -	Do. -	Moderate.
Malham Moor -	10,973	123	22	—	Mrs. Atkinson -	Do. -	—
Nappa -	578	31	4	—	—	Springs -	Good.
Otterburn -	1,128	58	11	5	Settle R.D.C. -	Wells and springs	—
Rathmell -	3,420	221	50	30	Mrs. L. E. Geldard -	Do. -	—
Scotthorpe -	1,274	72	15	10	Settle R.D.C. -	—	—
Settle -	4,492	2,583	585	560	Do. -	—	—
Stainforth -	3,696	224	48	34	T. Foster Knowles, Esq. -	Springs -	Fairly good.
Swinden -	1,051	30	4	—	—	—	—
Thornton in Lonsdale.	7,484	304	73	47	Settle R.D.C. -	Springs and streams.	Moderate.
Tosside -	1,113	70	15	—	—	Wells & streams	—



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Settle R.D.—cont.</b>							
West Halton -	2,291	128	27	23	J. C. Yorke, Esq. - - -	Wells and springs	Fair, but inadequate in dry weather.
Wigglesworth -	4,291	194	43	—	—	Wells, streams and springs.	Fair.
<b>Skipton R.D.:</b>							
Addingham -	3,203	1,987	546	429	{ Bradford T.C. thro' Adding- ham Water Co. Addingham Estate Co., Ltd.	{ Wells & springs	Fairly good.
Appletreewick -	7,699	179	59	22	Skipton R.D.C. - - -	Wells, springs and rain-water.	
Bank Newton -	2,339	86	18	—	—	Wells - - -	
Barden - - -	7,362	167	34	32	Duke of Devonshire - -	Spring and rain-water.	
Beamsley - - -	2,120	179	45	20	Do. - - -	Wells and springs	—
Bolton Abbey -	2,072	191	36	36	Do. - - -	—	
Bordley - - -	2,893	41	6	—	—	Springs - - -	
Bracewell - - -	2,026	106	21	—	—	—	
Bradleys Both -	1,951	580	147	100	Bradley Waterworks Co., Ltd.	{ Wells and springs.	Fairly good.
Brogden - - -	1,782	93	23	—	—	Wells, springs and beck.	
Broughton - - -	2,402	196	36	13	Major Tempest - - -	Springs and rain-water.	
Buckden - - -	16,088	260	53	—	—	Wells and springs	
Burnsall - - -	708	114	40	34	Bradford T.C. - - -	Wells and springs.	Fairly good.
Calton - - -	1,451	53	14	3	{ Settle R.D.C. thro' J. W. Morkill, Esq. - -	{ Wells and springs.	
Carleton - - -	3,042	1,085	265	250	Carleton Waterworks Co., Ltd.	Springs - - -	
Coates - - -	634	276	74	71	{ R. F. Roundell, Esq. - - Barnoldswick U.D.C. - -	{ Wells - - - Wells and springs	
Coniston Cold -	1,337	178	57	—	—	—	—
Conistone with Kilnsey.	8,650	130	32	16	Skipton R.D.C. - - -	Wells and springs	
Cononley - - -	1,455	830	251	209	{ Cononley Water Co., Ltd. - Cononley Club Row Water Co., Ltd.	{ Springs - - -	
Cowling - - -	4,712	1,793	543	350	Cowling Water Co., Ltd. -	Wells and springs	
Cracoe - - -	2,098	131	29	25	Col. W. W. Maude - - -	Springs - - -	—
Draughton - - -	2,500	166	43	16	Draughton Water Co. - -	Wells and springs	
Elsack - - -	1,750	85	23	23	G. R. Lane Fox, Esq., M.P. -	—	
Embsay with Eastby.	4,446	845	251	210	{ Skipton R.D.C. - - - Embsay Waterworks Co., Ltd.	{ Springs - - -	
Eshton - - -	1,113	88	16	16	Leeds & Liverpool Canal Co. -	—	—
Farnhill - - -	543	718	181	159	Farnhill Water Co., Ltd. -	Wells and springs	
Flasby with Winterburn.	4,337	96	18	—	—	Springs and wells	
Gargrave - - -	2,541	1,168	289	261	Skipton R.D.C. - - -	Wells - - -	
Glusburn - - -	1,527	2,635	702	677	Crosshills Water Co., Ltd. -	Wells and springs	Fairly good.
Grassington - - -	5,806	567	218	175	Grassington Waterworks Co., Ltd.	Rain-water, springs & beck.	
Halton East - - -	1,078	62	25	23	C. Beverley, Esq. - - -	Wells & springs	
Hartlington - - -	1,352	80	15	—	—	—	
Hazlewood with Storiths.	3,528	163	38	38	Duke of Devonshire - -	—	Fairly good.
Hebden - - -	3,582	225	86	56	Skipton R.D.C. - - -	Wells and springs	
Hetton - - -	1,746	93	25	25	Do. - - -	—	
Kettlewell with Starbotton.	8,409	290	86	80	Do. - - -	Springs - - -	
Kildwick - - -	873	143	34	21	Col. R. H. F. Wilson, D.S.O. -	Wells and springs	Fairly good.
Linton - - -	1,205	182	59	32	Linton Waterworks Co., Ltd. -	Springs - - -	
Lothersdale - - -	2,217	514	120	78	W. Spencer, Esq.; F. J. Wilson, Esq., & other property owners.	—	
Martons Both - -	2,805	231	49	49	R. F. Roundell, Esq. - -	—	
Rylstone - - -	3,237	116	27	27	W. A. Procter, Esq. - -	—	Fairly good.
Salterforth - - -	1,760	636	150	133	Salterforth Water Co., Ltd. -	Wells, rain-water & springs.	
Stirton with Thorlby.	3,105	182	32	25	Lord Hothfield - - -	Rain-water and springs.	
Thornton in Craven	1,918	310	72	54	J. Wilkinson, Esq. - -	Wells and springs	
Thorpe - - -	1,133	54	11	8	R. Procter, Esq. - - -	Springs - - -	Satisfactory & sufficient.
Threshfield - - -	2,648	271	77	62	Sir M. A. Wilson, Bart. - -	—	
<b>Tadcaster R.D.:</b>							
Aberford - - -	1,580	593	175	—	—	—	Satisfactory & sufficient.
Acaster Selby - -	1,542	85	17	—	—	—	
Allerton Bywater -	980	4,668	868	865	Wakefield T.C. through Castleford U.D.C. (bulk).	—	
Appleton Roebuck -	2,914	429	100	—	—	—	
Askham Bryan - -	1,896	246	64	—	—	—	Satisfactory & sufficient.
Austhorpe - - -	855	221	40	14	Leeds T.C. (part in bulk) -	Wells - - -	
Barkston - - -	1,168	239	75	—	—	—	
Barwick in Elmet -	6,715	1,325	380	3	Leeds T.C. thro' Hunslet R.D.C. (bulk).	—	
Bilbrough - - -	1,447	201	38	—	—	—	Satisfactory & sufficient.
Bolton Percy - -	2,334	246	79	—	—	—	
Catterton - - -	742	47	8	—	—	—	
Colton - - -	1,208	143	27	—	—	—	



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			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Tadcaster R.D.—cont.</b>							
Church Fenton -	1,977	581	130	—	—	—	—
Great and Little Preston -	1,039	1,369	233	229	Wakefield T.C. through Castleford U.D.C. (bulk).	—	—
Grimston -	888	99	17	—	—	—	—
Healaugh -	2,771	217	46	—	—	—	—
Huddleston cum Lumby -	1,424	222	48	—	—	—	—
Kippax -	1,597	4,075	780	750	Wakefield T.C. through Castleford U.D.C. (bulk).	Wells	Satisfactory & sufficient.
Kirkby Wharfe and North Milford -	1,239	153	32	—	—	—	—
Lead -	1,057	40	5	—	—	—	—
Lodsham -	1,971	362	82	—	—	—	—
Lodston -	1,985	250	55	—	—	Wells and springs	—
Lotherton cum Aberford -	1,093	465	125	—	—	Wells	—
Micklefield -	1,777	1,539	239	239	Wakefield T.C. through Castleford U.D.C. (bulk).	—	—
Newthorpe -	746	103	23	—	—	—	—
Newton Kyme cum Toulston -	1,373	226	38	—	—	—	—
Oxton -	660	39	9	—	—	—	—
Parlington -	1,773	160	40	—	—	—	—
Ryther cum Ossendyke -	2,707	274	61	—	—	—	—
Saxton with Scarthingwell -	2,720	292	60	—	—	—	—
Sherburn in Elmet -	4,859	1,734	390	—	—	—	—
South Milford -	2,298	1,022	215	185	Tadcaster R.D.C. -	Wells	Satisfactory & sufficient.
Steeleton -	1,142	59	14	—	—	—	—
Sturton Grange -	877	38	9	—	—	—	—
Stutton with Hazlewood -	2,795	480	100	—	—	—	—
Swillington -	2,625	811	181	77	Wakefield T.C. through Castleford U.D.C. (bulk).	—	—
Tadcaster East -	578	1,296	300	279	Tadcaster R.D.C. -	—	—
Tadcaster West -	1,500	2,103	475	336	—	—	—
Towton -	887	95	20	—	—	—	—
Ulleskelf -	1,322	393	95	—	—	—	—
<b>Thorne R.D. :</b>							
Fishlake -	3,127	475	136	—	—	River Don, wells, and rain-water.	Satisfactory.
Hatfield -	16,188	1,751	425	9	Thorne & District Water Co. -	Wells and rain-water.	Fairly good and sufficient.
Stainforth -	2,339	816	237	—	—	Sheffield and S. Yorks Canal, R. Don, wells and rain-water.	Fairly good and plentiful.
Sykehouse -	3,340	451	108	—	—	Wells and rain-water.	—
*Thorne -	13,425	5,290	1,205	110	Thorne & District Water Co. -	Sheffield and S. Yorks Canal, R. Don, wells, and rain-water.	Not good and inadequate.
<b>Todmorden R.D. :</b>							
Blackshaw -	3,410	1,042	270	—	—	Wells & springs	Good and adequate.
Erringlen -	1,316	476	120	—	—	Do.	Good, but scarce in dry summer.
Heptonstall -	5,313	1,539	460	—	—	Do.	Good and adequate.
Wadsworth -	10,462	1,565	430	—	—	—	—
<b>Wakefield R.D. :</b>							
Alverthorpe -	906	1,349	297	287	Dewsbury & Heckmondwike Wks. Bd. thro' Ossett T.C. / Wakefield T.C. (bulk) -	—	—
Chevet -	839	127	20	3	Wakefield T.C. -	Wells and springs	—
Crigglestone -	3,161	4,369	933	913	Do. (part in bulk) -	Springs and wells	Satisfactory & adequate.
Crofton -	1,520	2,566	496	486	Do. (bulk) -	Wells	—
Lupton -	1,007	155	37	23	Do. (bulk) -	Do.	Satisfactory.
Newland with Woodhouse Moor -	276	37	7	6	Wakefield T.C. through Altofts U.D.C.	Colliery	Good.

\* Thorne.—Houses are now being connected with the piped service.



County, District and Parish.	Area in Acres.	Popula- tion. 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Wakefield R.D.—cont.</b>							
Sharlston - - -	1,200	2,619	498	491	Wakefield T.C. (bulk) - -	Wells & Nostell Colliery.	Satisfactory & adequate.
Shitlington - - -	3,412	3,038	708	702	Halifax T.C. through Dewsbury T.C. (bulk).	Wells - - -	
Walton - - -	1,823	905	224	200	Wakefield T.C. (bulk) - -	Do. - - -	Somewhat doubtful, but adequate.
Warrnfield cum Heath.	1,616	1,152	242	240	Do. - - -	Spring - - -	Satisfactory and adequate.
West Bretton - -	2,100	371	82	67	Halifax T.C. through Dewsbury T.C. (bulk).	Spring and well -	Unsatisfactory.
<b>Wetherby R.D.:</b>							
Angram - - -	521	53	10	—	—	—	—
Bardsey cum Rigton	2,752	302	69	37	Wetherby District Water Co.	—	—
Bickerton - - -	1,086	117	26	—	—	—	—
Bilston - - -	1,913	207	46	—	—	—	—
Boston Spa - - -	880	1,325	347	337	—	—	—
Bramham cum Oglethorpe.	4,112	1,013	233	116	Wetherby District Water Co.	Wells - - -	Good and adequate.
Clifford - - -	742	1,055	187	89	—	—	—
Collingham - - -	1,763	501	125	123	—	—	—
Cowthorpe - - -	1,404	126	23	—	—	—	—
Dunkeswick - - -	1,472	132	29	—	—	—	—
East Keswick - -	1,290	462	122	108	Wetherby District Water Co.	—	—
Harewood - - -	3,660	590	151	111	Earl of Harewood - - -	—	—
Hutton Wandesley	1,233	102	22	—	—	—	—
Kearby with Netherby.	1,422	154	40	—	—	Do. - - -	Unsatisfactory, but adequate.
Kirk Deighton - -	2,276	363	79	14	Wetherby District Water Co.	—	—
* Kirkby Overblow	2,361	318	75	7	Wetherby R.D.C. - - -	Do. - - -	Unsatisfactory and inadequate.
Linton - - -	1,266	172	35	26	Wetherby District Water Co.	Wells and springs	Unsatisfactory, but adequate.
Little Ribston - -	858	173	43	—	—	—	—
Long Marston - -	2,850	228	61	—	—	Wells - - -	Good and adequate.
Micklethwaite - -	671	61	16	1	Wetherby District Water Co.	Wells and River Wharfe.	Unsatisfactory, but adequate.
North Deighton - -	1,475	108	22	—	—	Wells - - -	—
Rigton - - -	3,112	354	94	6	Leeds T.C. - - -	Do. - - -	Good and adequate.
Scarcroft - - -	1,073	317	65	21	Wetherby District Water Co.	—	—
Sicklinghall - - -	1,495	209	49	—	—	Wells and springs	Unsatisfactory, but adequate.
Spofforth with Stockeld.	5,468	931	186	—	—	Wells, springs, and rain-water.	—
Thornor - - -	2,461	1,096	255	110	Wetherby District Water Co.	Wells - - -	Good and adequate.
Thorp Arch - - -	1,529	409	70	30	—	—	—
Tockwith - - -	1,784	520	124	—	—	Wells and springs	Unsatisfactory, but adequate.
Walton - - -	1,590	181	40	35	Wetherby District Water Co.	—	—
Weardly - - -	872	109	24	1	Leeds T.C. - - -	Wells - - -	Good and adequate.
Weeton - - -	1,372	461	117	94	Wetherby District Water Co.	—	—
Wetherby - - -	1,602	2,284	538	411	Leeds T.C. - - -	Do. - - -	Unsatisfactory, but adequate.
Wighill - - -	2,247	194	40	—	—	—	—
Wigton - - -	1,296	240	55	35	Leeds T.C. - - -	Do. - - -	Good and adequate.
Wilstrop - - -	1,080	67	13	—	—	—	—
Wothersome - - -	772	50	8	—	—	—	—
Wyke - - -	878	111	25	—	—	—	—
<b>Wharfedale R.D.:</b>							
Adel cum Eecup - -	4,894	1,083	189	90	Leeds T.C. - - -	Springs and wells	Good & fairly sufficient, except in dry seasons.
Alwoodley - - -	1,508	142	54	20	Do. - - -	—	
Arthington - - -	2,267	413	72	62	North Eastern Railway Co. -	Springs, wells & rain-water.	—
Askwith - - -	3,391	268	62	62	Leeds T.C.; F. Darwin, Esq.	—	—
Blubberhouses - -	3,771	46	12	12	Rev. T. Sheepshanks - - -	—	—
Bramhope - - -	1,396	443	108	90	Otley U.D.C. & Capt. Dawson	—	—
Carlton - - -	1,291	109	27	13	Leeds T.C. - - -	—	—
Castley - - -	519	49	7	7	Sir A. T. Lawson, Bart. - -	Springs and wells	Good & fairly sufficient, except in dry seasons.
Clifton with Norwood.	3,627	252	77	77	J. C. Eekersley, Esq. - - -	Springs - - -	
Denton - - -	3,242	140	30	30	F. H. Fawkes, Esq. - - -	—	—
Esholt - - -	691	355	93	90	Do. - - -	—	—
Farnley - - -	1,960	184	34	34	Various property owners - -	—	—
Fewster - - -	2,187	204	67	67	M. D'Arcy Wyvill, Esq. - -	—	—
Great Timble - - -	1,535	94	28	19	Yeadon Waterworks Co. - -	Wells - - -	Good & fairly sufficient, except in dry seasons.
					F. H. Fawkes, Esq. - - -	—	—
					Various property owners - -	—	—
					Leeds T.C. - - -	—	—
					Wharfedale R.D.C. - - -	Springs and wells	Good and adequate.

\* Kirkby Overblow.—Houses are now being connected with the piped service.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Yorkshire, West Riding—cont.</b>							
<b>Wharfedale R.D.</b>							
—cont.							
Hawthorth -	2,465	181	43	40	Yeadon Waterworks Co. F. H. Fawkes, Esq.	Wells	Good & fairly sufficient, except in dry seasons.
Leathley -	1,569	156	34	34	Leeds T.C. F. H. Fawkes, Esq.	—	—
Lindley -	1,790	71	13	13	F. H. Fawkes, Esq.	—	—
Little Thimble -	504	11	5	5	Leeds T.C.	—	—
Menston -	1,128	3,537	434	425	Wharfedale R.D.C. Menston Asylum Committee	Springs and wells	Good & fairly sufficient, except in dry seasons.
Middleton -	2,659	318	41	41	M. F. Middleton, Esq. Ilkley U.D.C.	—	—
Nesfield with Lang- bar.	1,925	133	42	4	M. F. Middleton, Esq.	Wells & streams	Good & fairly sufficient.
Newall with Clif- ton.	953	148	36	36	F. E. Wilkinson, Esq. Various property owners	—	—
Pool -	952	753	184	179	Leeds T.C. F. H. Fawkes, Esq.	Wells & springs	Good & fairly sufficient.
Stainburn -	3,158	149	31	31	Rev. T. Sheepshanks	—	—
Weston -	1,513	143	28	28	F. H. Fawkes, Esq. Capt. Dawson	—	—
<b>Wortley R.D.:</b>							
Bradfield -	34,777	7,026	1,570	1,279	Sheffield T.C. Barnsley T.C. Wortley R.D.C.	Springs and streams.	Generally good and fairly sufficient.
Ecclesfield -	9,368	22,404	4,350	4,103	Sheffield T.C. (part in bulk) T. H. Bingley, Esq.	(a) Springs and wells; (b) streams.	(a) Generally fair, some inadequate; (b) some fairly good, others bad.
Tankersley -	2,465	2,482	441	437	Earl of Wharfedale Dearne Valley Waterworks Co. Barnsley T.C. through Wors- borough U.D.C. Sheffield T.C. & through Earl Fitzwilliam.	Condensed steam.	Not very satisfactory.
Wortley -	5,617	891	198	175	Earl of Wharfedale	Springs	Generally good.
<b>ANGLESEY.</b>							
Amlwch U.D.	4,494	2,718	758	—	—	Wells	Satisfactory and sufficient.
Beaumaris B.	3,135	2,231	518	460	Beaumaris T.C. (works leased from Sir R. H. Williams Bulkeley, Bart.).	Wells and springs	Good and sufficient
Holyhead U.D.	731	10,636	2,423	2,343	Holyhead Waterworks Co.	Do.	Fair and adequate.
Llangefni U.D.	2,510	1,771	440	355	Llangefni U.D.C.	Wells & springs	Satisfactory
Menai Bridge U.D.	825	1,638	427	390	Menai Bridge U.D.C.	—	—
<b>Aethwy R.D.:</b>							
Llanddaniel Fab -	1,725	444	142	—	—	—	—
Llandlona -	1,848	514	129	—	—	—	—
Llandegfan -	2,246	1,029	223	—	—	—	—
Llanedwen -	1,668	243	53	—	—	—	—
Llanfairpwllgwyn- gyll.	844	962	232	—	—	—	—
Llanfennan -	1,281	107	26	—	—	—	—
Llanfihangel Es- geiflog.	2,984	790	245	—	—	—	—
Llanfihangel Tyn Sylwy.	759	37	9	—	—	Wells	Fair.
Llangadwaladr -	3,471	395	97	—	—	—	—
Llangod -	1,205	960	231	—	—	—	—
Llangristiolus -	4,023	677	188	—	—	—	—
Llanistyn Rural -	767	92	26	—	—	—	—
Llansadwrn -	2,972	348	66	—	—	—	—
Penmon -	1,024	258	59	—	—	—	—
Pennynydd -	3,237	358	84	—	—	—	—
Pentraeth -	3,351	768	134	—	—	Wells and springs	—
Trefdraeth -	3,246	728	170	—	—	Wells	—
<b>Dwyran R.D.:</b>							
Llanfair y Cwmwd -	169	19	6	—	—	—	—
Llanguffo -	2,530	267	80	—	—	—	—
Llangefnwen -	3,031	662	175	—	—	Wells	Good; St. Peter's New- borough—fair.
Llanidan -	4,397	1,208	367	—	—	—	—
Newborough -	5,417	834	272	—	—	—	—
<b>Twrcelyn R.D.:</b>							
Bodelwydd -	464	28	6	—	—	—	—
Careglyn -	1,794	321	93	—	—	—	—
Codana -	1,649	253	53	—	—	—	—
Llanallgo -	681	431	117	—	—	Wells	Satisfactory.
Llanbabo -	1,908	122	22	—	—	—	—
Llanbadrig -	2,835	694	198	—	—	—	—
Llanbedrgoch -	1,418	310	87	—	—	—	—



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Anglesey—cont.</b>							
<b>Twoelwyn R.D.—</b>							
<i>cont.</i>							
Llanddyfnan -	3,585	618	156	—	—	Wells - - -	Satisfactory.
Llandryfrydog -	3,945	449	115	—	—		
Llaneilian -	2,041	834	246	—	—		
Llanerchymedd -	1,281	854	217	—	—		
Llanegwad -	2,826	278	71	—	—		
Llanfair Matha- farn Eithaf.	1,963	736	207	—	—		
Llanfairynghornwy	2,278	228	58	—	—		
Llanfechell -	3,603	851	231	—	—		
Llanflewyn -	1,276	89	17	—	—		
Llanfihangel Trer- Beirdd.	1,620	270	73	—	—		
Llangwyllog -	2,442	182	37	—	—		
Llanrhwydrys -	1,116	114	24	—	—		
Llanwenllwyfo -	1,558	167	44	—	—		
Llecheynfarydd -	1,831	176	38	—	—		
Pentrhôs Lligwy -	2,845	323	81	—	—		
Rhodegaidio -	1,802	228	60	—	—		
Rhosbeirio -	385	25	5	—	—		
Rhosybol -	3,964	619	154	—	—		
Tregalan -	2,235	114	28	—	—		
<b>Valley R.D. :</b>							
Aberffraw -	5,710	950	236	—	—	Springs and wells	Good, but insufficient.
Bodedern -	4,283	890	250	—	—		
Bodwrog -	1,835	325	96	—	—	Wells - - -	Good.
Ceirchiog -	659	112	30	—	—	Do. - - -	Some good; others fairly good.
Cerrigoeinwen -	1,573	414	113	—	—	Do. - - -	Good.
Heneglwys -	2,110	355	112	—	—	Do. - - -	Some good; others very fair.
Holyhead Rural -	5,601	1,052	255	80	Holyhead Waterworks Co.	Do. - - -	Good.
Llanbeulan -	3,045	169	44	—	—	Do. - - -	Good and sufficient.
Llanddeusan -	2,058	437	136	—	—	Wells and springs	Good.
Llandrygarn -	2,508	290	75	—	—		
Llanfachreth -	1,563	393	103	—	—	Wells - - -	Unsatisfactory.
Llanfalog -	2,244	1,144	387	—	—	Do. - - -	Some good; some fair.
Llanfaethlu -	2,471	335	104	—	—	Do. - - -	Good.
Llanfair yn Neubwll	1,046	267	73	—	—	Do. - - -	Fairly good.
Llanfagael -	497	79	30	—	—	Do. - - -	Good and adequate.
Llanfihangel yn Nhowyn.	1,826	177	42	—	—		
Llanfwrog -	1,688	190	49	—	—	Do. - - -	Good.
Llangwylfan -	1,670	137	33	—	—	Do. - - -	Good and adequate.
Llanllibio -	830	48	11	—	—	Do. - - -	Very fair.
Llanrhyddlad -	2,582	565	177	—	—	Spring - - -	Good.
Llantrisant -	4,549	361	88	—	—	Well - - -	Good, but distant from houses.
Llanynghenedl -	2,165	576	134	1	Holyhead Waterworks Co.	Wells - - -	Very fair.
Llechylched -	2,264	555	155	—	—	Well - - -	Unsatisfactory.
Rhoscolyn -	2,302	399	112	—	—	Wells and springs	Some good; others un- satisfactory.
Trewalchmai -	1,734	728	210	—	—		
<b>BRECKNOCK SHIRE.</b>							
Brecknock B. -	2,868	5,908	1,249	1,249	Brecknock T.C. - - -	—	—
Brynmawr U.D. -	1,454	7,582	1,518	1,478	Brynmawr U.D.C. - - -	Wells and springs	Satisfactory.
Builth Wells U.D. -	701	1,710	402	402	Builth Wells U.D.C. - - -		
Hay U.D. -	370	1,603	385	382	Hay U.D.C. - - -	Wells - - -	Satisfactory and sufficient.
Llanwrtyd U.D. -	1,648	753	170	158	Llanwrtyd U.D.C. - - -	Springs - - -	Good.
<b>Brecknock R.D. :</b>							
Aberyscir -	1,945	120	28	—	—	Wells and springs	Generally satisfactory, except in Llanfillo, Tra- ianglâs, and Traian- mawr; generally suffi- cient, except in Cantref, Llanfillo, Llansaintfraed, Traianglâs and Traian- mawr; distant from some houses.
Battle -	1,600	113	27	5	Property owners - - -		
Brecknock St. David Without.	2,271	162	30	—	—		
Cantref -	8,986	158	34	—	—		
Catheline -	1,654	153	33	—	—		
Cray -	11,900	399	85	—	—		
Garthbrenny -	1,962	158	29	5	Property owners - - -		
Glyn -	6,062	200	49	—	—		
Glyntawe -	2,604	200	42	—	—		
Llanddett -	10,035	439	105	40	Brecknock R.D.C. - - -		
Llanddew -	2,691	204	42	—	—		
Llandefaelogfach -	2,128	157	40	16	Brecknock R.D.C. and pro- perty owners.		
Llandefalle -	8,641	481	104	—	—		
Llandello'r Fan -	10,765	302	62	—	—		
Llanfeigan -	10,836	522	114	67	Brecknock R.D.C. - - -		
Llanfihangelfechan	3,096	120	24	3	Property owners - - -		
Llanfihangel Nant Brân.	8,940	274	66	7	Do. - - -		
Llanfihangel Taly- llyn.	1,246	268	65	35	Llanfihangel Tallyllyn Water Committee.		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Brecknockshire— cont.</b>							
<b>Brecknock R.D.— cont.</b>							
Llanfello - - -	3,296	220	48	11	Brecknock R.D.C. - - -	Wells & springs	See page 578.
Llanfrynach - - -	6,342	303	69	52			
Llangasty Talyllyn - - -	1,997	194	38	14			
Llangorse - - -	3,591	326	79	49	Lord Glanusk - - -	Wells & springs	See page 578.
Llanhamlach - - -	1,911	273	61	10			
Llansaintffread - - -	2,209	185	44	—			
Llanspyddid - - -	1,834	152	30	—	Brecknock R.D.C. - - -	Wells & springs	See page 578.
Llanymern - - -	1,425	123	25	—			
Maescar - - -	4,317	795	214	181			
Merthyr Cynog - - -	17,762	512	114	13	Property owners - - -	Wells & springs	See page 578.
Modrydd - - -	5,217	77	17	—	Property owners - - -	Wells & springs	See page 578.
Penpont - - -	2,005	89	21	—			
Senny - - -	7,691	195	44	—			
Talachddu - - -	1,838	100	26	—	Property owners - - -	Wells & springs	See page 578.
Traianglas - - -	16,230	375	95	—			
Traianmawr - - -	5,891	327	99	—			
Trallong - - -	3,437	195	47	7	Property owners - - -	Wells & springs	See page 578.
Vennyfach - - -	1,450	79	20	—	Property owners - - -	Wells & springs	See page 578.
Yselydach - - -	3,727	205	48	4			
<b>Builth R.D. :</b>							
Alltmawr - - -	676	24	5	—	Builth Wells U.D.C. - - -	Wells & springs	See page 578.
Crickadarn - - -	4,512	301	71	—			
Gwarafog - - -	1,140	75	10	—			
Gwenddwr - - -	7,545	280	65	—	Builth Wells U.D.C. - - -	Wells & springs	See page 578.
Llanafantawr - - -	12,907	422	92	—			
Llanafanfechan - - -	2,873	138	26	—			
Llanddewi Aberg- wesyn. - - -	10,537	50	13	—	Builth Wells U.D.C. - - -	Wells & springs	See page 578.
Llanddewi'r Cwm - - -	3,054	442	90	51			
Llandulas - - -	3,493	84	16	—			
Llanfihangel Aberg- wesyn. - - -	11,658	239	47	—	Builth Wells U.D.C. - - -	Wells & springs	See page 578.
Llanfihangel Bryn Pabuan. - - -	4,392	170	41	—			
Llanganten - - -	2,235	217	46	—			
Llangynog - - -	1,408	30	6	—	Builth Wells U.D.C. - - -	Wells & springs	See page 578.
Llanlleonfel - - -	1,508	90	22	—			
Llanwrtyd Without - - -	9,135	213	51	—			
Llanynis - - -	2,347	139	26	—	Builth Wells U.D.C. - - -	Wells & springs	See page 578.
Llysdinam - - -	2,896	173	37	—			
Maesmynis - - -	3,912	176	38	—			
Penbualt - - -	11,154	473	109	—	Builth Wells U.D.C. - - -	Wells & springs	See page 578.
Rhosferig - - -	1,304	56	12	—			
Trefis - - -	7,089	445	110	—			
<b>Crickhowell R.D. :</b>							
Crickhowell - - -	1,959	1,232	300	276	Crickhowell R.D.C. - - -	Springs, wells, & streams.	Satisfactory.
Grwynefawr - - -	1,124	20	2	—	—	Springs and streams.	
Grwynefechan - - -	3,913	48	9	—	—	Do. do. -	
Llanbedr - - -	3,813	228	46	12	Llanbedr Village Subscription Supply.	Wells, springs, & streams.	Some doubtful; generally inadequate.
Llanelly - - -	4,529	3,458	710	467	Crickhowell R.D.C. - - -	Wells and springs	
Llanfihangel Cwmâl. - - -	9,930	840	200	57	Lord Glanusk - - -	Springs and streams.	
Llangattock - - -	8,149	959	198	84	Crickhowell R.D.C. - - -	Wells and springs	Satisfactory, but inade- quate in summer.
Llangenny - - -	2,816	394	83	45	Do. - - -	Springs and streams.	
Llangynidr - - -	8,428	497	122	71	Do. - - -	Do. do. -	
Patrishow - - -	1,479	43	9	—	—	Do. do. -	Satisfactory.
<b>Hay R.D. :</b>							
Aberllynfi - - -	659	155	35	34	Col. T. Wood - - -	Well - - -	Good.
Bronllys - - -	2,188	321	82	56	Hay R.D.C. - - -	Wells & springs	
Glynfach - - -	3,693	32	14	—	Various property owners - - -	Wells & springs	
Hay Rural - - -	2,562	150	48	—	—	Wells - - -	Satisfactory.
Llanellieu - - -	5,614	60	10	7	Col. T. Wood - - -	Wells - - -	
Llanigon - - -	4,689	323	73	12	Hay R.D.C. - - -	Wells - - -	
Llyswen - - -	1,080	214	56	41	Llyswen Water Committee - - -	Springs - - -	Satisfactory.
Pipton - - -	1,376	65	17	10	Lord Glanusk, Lord Trede- gar, & H. A. Christy, Esq. - - -	Wells & springs	
Talgarth - - -	12,294	1,761	354	253	Col. T. Wood - - -	Wells - - -	
Tregoyd and Ve- lindre. - - -	4,998	504	129	87	Comtee. of Visitors, Brecon & Radnor Asylum (bulk), & thru' Cambrian Rlys. Co. - - -	Wells - - -	Satisfactory and adequate, but distant from some houses.
Vaynor and Pen- deryn R.D. :					Various property owners - - -	Wells and springs	
Penderyn - - -	13,366	1,669	354	197	Hay R.D.C. - - -	Wells - - -	
Vaynor - - -	6,551	3,857	819	788	Merthyr Tydvil T.C. - - -	Wells - - -	Satisfactory.



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Brecknockshire— cont.</b>							
<b>Ystradgynlais R.D.:</b>							
Ystradgynlais Higher.	9,016	1,356	261	181	Ystradgynlais R.D.C.	Wells & springs	Variable.
Ystradgynlais Lower.	13,183	9,115	1,896	1,820	Ystradgynlais R.D.C. - Cwmtyrch Joint Water Committee.		
<b>CARDIGAN- SHIRE.</b>							
Aberayron U.D.	388	1,342	369	—	—	Wells, springs, rain-water & River Aeron.	Indifferent, but abundant.
Aberystwith B.	846	8,411	1,846	1,846	Aberystwith T.C.	—	—
Cardigan B.	4,928	3,578	918	716	Cardigan T.C.	Wells and springs	Generally good.
Lampeter B.	1,754	1,802	469	429	Lampeter T.C.	Do.	Good and sufficient.
New Quay U.D.	281	1,191	377	—	—	Rain-water, wells & springs.	Poor and inadequate.
<b>Aberayron R.D.:</b>							
Cilcennin	3,410	393	101	—	—	Wells, springs, & streams.	Generally good and suffi- cient.
Ciliau Aeron	1,945	234	68	—	—		
Cydrplwyf	785	137	32	—	—		
Dihewid	3,867	383	91	—	—		
Henfynyw Upper	1,982	313	93	—	—		
Llanarth	15,013	1,643	415	—	—		
Llanbadarn	6,348	665	178	—	—		
Trefeglwys.							
Llandisiliogogo	10,209	935	264	—	—		
Llanerch Aeron	1,242	137	35	—	—		
Llanfihangel Ystrad	7,649	920	250	—	—		
Llanina	1,047	121	37	—	—		
Llanllwchaearn	2,914	443	120	—	—		
Llansaintffraed	4,707	893	271	—	—		
Upper Llanddewi Aberarth.	3,924	512	148	—	—		
<b>Aberystwyth R.D.:</b>							
Broncastellan	508	141	50	40	Aberystwyth R.D.C.	Wells and spouts	Satisfactory.
Ceulan y Maesmawr	7,327	714	225	—	—	Do.	Satisfactory, but inade- quate and distant from houses.
Clarach	1,673	149	50	—	—	Wells	Unsatisfactory.
Cwmrheidol	13,706	641	200	60	Aberystwyth R.D.C.	Wells and spouts	Satisfactory.
Cyfoeth y Brenin	2,356	875	280	234	Do.	Wells	Satisfactory, but inade- quate.
Cynnull Mawr	3,746	402	120	—	—	Wells & spouts	Satisfactory.
Elerch	4,266	175	42	—	—		
Henllys	3,809	324	120	16	Aberystwyth R.D.C.		
Isa'ndre	315	495	162	90	Aberystwyth T.C.	Spouts	Fair, but insufficient.
Llanafan	2,610	291	100	60	Aberystwyth R.D.C.		
Llanfynyfelyn	5,104	683	230	45	Do.	Wells	Very fair and sufficient.
Llanddeiniol	2,022	201	40	—	—	Wells and spouts	Satisfactory, but distant from houses.
Llangwryfion	3,925	438	100	—	—	Do.	Very fair and sufficient.
Llanilar	6,429	677	170	30	Aberystwyth R.D.C.	Do.	Very fair and sufficient.
Llanrhystyd Haminlog.	4,735	587	160	—	—	Do.	Satisfactory, but distant from houses.
Llanrhystyd Mefenydd.	3,950	432	90	—	—	Do.	Very fair and sufficient.
Llanfychaearn	4,060	456	100	30	Aberystwyth R.D.C.	Spouts and wells	Satisfactory.
Lower Llanbadarn y Creuddyn.	5,053	652	150	40	Do.		
Lower Llanfihangel y Creuddyn.	6,638	540	161	25	Aberystwyth R.D.C.	Do.	Fair, but insufficient.
Lower Vaeon	1,012	464	86	13	Aberystwyth T.C.	Do.	Very satisfactory.
Melindwr	8,272	564	200	33	Melindwr Consumers	Spouts and springs.	Very fair, but insufficient.
Parcel Canol	2,855	284	90	—	—	Do.	Very fair, but inadequate in summer.
Rhöstie	1,313	87	20	—	—		
Tir y mynach	2,704	272	80	—	—	Do.	Very fair, but inadequate in summer.
Trefeirig	9,489	576	190	18	Penrhyncoch Village Supply	Wells and spouts	Very satisfactory.
Ucha'ndre	398	446	139	100	Aberystwyth T.C.	Wells, spouts & springs.	
Upper Llanbadarn y Creuddyn.	4,222	356	90	—	—	Spouts	Satisfactory.
Upper Llanfihangel y Creuddyn.	16,620	854	270	40	T. J. Waddingham, Esq. Aberystwyth R.D.C.	Wells & spouts	Fair, but insufficient.
Upper Vaeon	1,503	295	80	40	Do.	Wells and spouts	Fair.
<b>Cardigan R.D.:</b>							
Aberporth	2,254	365	100	13	Cardigan R.D.C.	Wells and springs.	{ Good and fairly ade- quate, except in Aber- porth (Trecrogin and Penuech), and Llan- dygwydd (Rhiwshon).
Blaenporth	3,532	608	179	74			
Llandygwydd	5,643	730	176	—			
Llangodmor	4,990	721	184	5	Cardigan R.D.C.		
Llechryd	746	266	78	9			
Mount	1,172	80	19	—			
Tremain	1,702	209	46	—	Cardigan R.D.C.		
Verwick	2,984	287	60	13			



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<b>Cardiganshire— cont.</b>							
<b>Lampeter R.D.:</b>							
Bettws Bledrws	1,580	161	45	—	—	Wells	Good and adequate.
Cellan	3,450	345	105	—	—		
Lampeter Rural	4,599	391	90	—	—		
Llanfair Clydogau	4,487	406	102	—	—		
Llangybi	2,502	265	68	—	—		
Llanwenog	10,723	1,390	365	—	—		
Llanwnen	2,545	221	55	—	—		
Silian	2,179	208	53	—	—		
Trefilan	2,214	179	50	—	—		
<b>Llandyssil R.D.:</b>							
Bangor	1,460	163	36	—	—	Wells, rivulets, and larger streams.	Very indifferent and in- adequate.
Bettws Evan	2,536	305	79	—	—		
Brongwyn	1,645	240	65	—	—		
Henllan	395	208	52	—	—		
Llandyfriog	2,891	772	215	—	—		
Llandyssil	17,566	2,744	737	—	—		
Llanfair Orllwyn	1,756	414	118	—	—		
Llanfair Trefllygen	650	67	14	—	—		
Llangranog	4,342	708	211	—	—		
Llangynllo	3,683	498	134	—	—		
Penbryn	8,415	1,107	315	—	—		
Troed-yr-aur	4,705	758	199	—	—		
<b>Tregaron R.D.:</b>							
Bettws Lleucu	2,373	204	49	—	—	Tregaron R.D.C.	Some good and plentiful, others doubtful.
Blaenpenal	4,231	405	103	—	—		
Caron Is Clawdd	14,142	1,408	371	—	—		
Caron Uwch Clawdd	25,098	498	119	71	—		
Doethie Camddwr	7,481	33	8	—	—		
Doethie Pysgotwr	8,097	71	14	—	—		
Garth and Ystrad	854	74	13	—	—		
Garthell	2,516	248	55	—	—		
Gogoyan	686	67	15	—	—		
Gorwydd	6,359	589	170	150	—		
Gwynfil	1,533	281	78	50	—		
Llanbadarn Odwyn	2,617	244	59	—	—		
Llangeitho	4,138	459	125	—	—	Rivers, streams, springs, wells, and lakes.	Some good and plentiful, others doubtful.
Llanio	1,219	129	24	—	—		
Lower Gwnnws	3,185	193	46	—	—		
Lower Lledrod	4,312	479	115	—	—		
Nantcwnlle	4,607	572	159	—	—		
Prysg and Carfan	3,419	67	17	—	—		
Upper Gwnnws	6,229	537	131	62	—		
Upper Lledrod	4,564	270	61	—	—		
Yspytty Ystwyth	12,930	566	147	—	—		
Ystrad Meurig	956	127	27	—	—		
<b>CARMARTHEN- SHIRE.</b>							
Ammanford U.D.	944	6,074	1,140	1,140	Ammanford U.D.C.	—	—
Burry Port U.D.	1,374	4,599	990	968	Burry Port U.D.C.	Wells	Good & adequate, except during part of summer.
Carmarthen B.	5,160	10,221	2,200	2,160	Carmarthen T.C.	Wells and springs	Good and adequate.
Cwmamman U.D.	756	4,971	948	929	Cwmamman U.D.C.	Springs	Good and adequate.
Kidwelly B.	2,854	3,033	630	572	Kidwelly T.C.	Rivers & streams	Fair and adequate.
Llandilo U.D.	304	1,931	446	446	Llandilo U.D.C.	Wells and springs	Satisfactory and adequate.
Llandovery B.	1,266	1,993	429	429	Llandovery T.C.	—	—
Llanelly B.	2,069	32,071	6,166	6,166	Llanelly T.C.	—	—
Newcastle Emlyn U.D.	208	922	239	236	Newcastle Emlyn U.D.C.	Springs	Good and sufficient.
<b>Carmarthen R.D.:</b>							
Abergwili	8,395	1,452	365	108	Carmarthen R.D.C.	Wells and spouts from springs.	Good and sufficient.
Abernant	6,458	544	128	—	—	Do. do.	Good.
Conwil Elvet	13,100	1,276	328	—	—	Do. do.	Generally good.
Laugharne	5,725	377	86	—	—	Do. do.	Generally good and ade- quate.
Laugharne (Town- ship).	3,060	936	281	—	—	Do. do.	Good, but inadequate.
Llanarthney	11,158	3,022	620	233	Llandilo Fawr R.D.C. (bulk)	Do. do.	Good and generally sufficient.
Llandawke	610	17	4	—	—	Wells	Good and adequate.
Llanddarog	4,551	1,318	270	—	—	Wells and spouts	Satisfactory, but insuffi- cient in Pont y Beren.
Llandfeillog	8,621	1,019	238	21	Carmarthen R.D.C.	Do.	Satisfactory and generally sufficient.
Llandilo Abercowin	821	45	7	—	—	Wells and spouts	Good and adequate.
Llandowror	1,768	217	63	—	—	Do.	Satisfactory.



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<b>Carmarthenshire</b> <i>—cont.</i>									
<b>Carmarthen R.D.</b> <i>cont.</i>									
Llanfihangel Aber- cowin.	5,310	868	222	—	—	Wells and spouts	Generally good and ade- quate.		
Llanigain - -	2,695	271	64	—	—	Do.	Generally good, but bad at four cottages.		
Llangendeirne -	12,345	3,232	650	64	Carmarthen R.D.C. - -	Do.	Satisfactory, but insuffi- cient in Bankfosselen and Pont y Berem.		
Llangunnoch or Llangynog. - -	5,686	508	126	—	—	Do.	Good and adequate.		
Llangunnor - -	5,819	826	220	17	Carmarthen R.D.C. - -				
Llangynin - -	3,264	304	65	—	—				
Llanllawddog -	7,188	437	110	—	—				
Llanpumsaint -	6,634	705	174	—	—	Do.	Good.		
Llansadurnen -	1,478	140	38	—	—	Do.	Generally good.		
Llanstephan - -	5,138	1,081	314	79	Carmarthen R.D.C. - -	Do.	Generally good and ade- quate.		
Llanwinio - -	7,143	596	166	—	—	Do.	Good.		
Merthyr - -	3,076	291	60	—	—	Do.	Good.		
Mydrim - -	6,171	654	178	—	—	Do.	Good and sufficient.		
Newchurch - -	5,016	674	154	—	—	Do.	Generally good and sufficient.		
St. Clears - -	2,642	929	277	27	Carmarthen R.D.C. - -	Do.	Generally good and sufficient.		
St. Ishmael - -	4,585	1,357	330	148	Do. - -	Do.	Fair.		
Trelech a'r Bettws -	11,580	1,110	313	20	Do. - -	Do.	Generally good and sufficient.		
<b>Llandilo Fawr</b> <b>R.D.:</b>									
Bettws - -	5,724	984	130	—	—	Springs & wells	Poor		
Brechfa - -	534	91	24	—	—				
Llandybie - -	10,220	6,771	1,359	921	Llandilo Fawr R.D.C. - -				
Llandilo Rural -	26,364	4,431	591	257	Cwmaman U.D.C. - -				
Llandyfeisant -	971	148	33	—	Llandilo Fawr R.D.C. - -	Do.	Good.		
Llanegwad - -	12,455	1,271	312	—	—				
Llanfihangel Aber- bythych.	6,149	1,282	266	40	Llandilo Fawr R.D.C. - -				
Llanfihangel Cil- fargen.	525	37	8	—	—				
Llanfynydd - -	10,850	765	194	51	Llandilo Fawr R.D.C. - -	Do.	Good.		
Llangathen - -	5,609	654	162	—	—				
Llansawel - -	10,250	583	146	—	—				
Quarter Bach -	7,704	2,716	565	282	Llandilo Fawr R.D.C. - -				
Talley - -	7,198	562	135	—	—	Do.	Good.		
<b>Llandovery R.D.:</b>									
Cilycwm - -	18,191	715	196	26	I. E. Campbell Davys, Esq. -	Wells - -	Satisfactory.		
Conwil Gaiu - -	26,177	1,434	385	25	Carmarthenshire Education Authority.				
Llanddeusant -	15,230	485	152	—	—				
Llandingat Without	7,054	474	91	—	—				
Llanfairyrbyn -	22,990	871	227	—	—	Do. - -	Doubtful and deficient.		
Llangadock - -	18,632	1,589	446	—	—				
Llansadwrn - -	7,521	718	189	—	—				
Llanwrda - -	4,487	472	117	—	—				
Myddfai - -	11,871	602	166	—	—	Do. - -	Satisfactory, but deficient.		
<b>Llanelly R.D.:</b>									
Llanedy - -	5,680	3,900	799	520	(Swansea R.D.C. (bulk) Llanelly R.D.C. - -	Wells - -	Unsatisfactory		
Llanelly Rural -	15,727	11,681	2,292	1,826	Llanelly T.C. - -				
Llangennech - -	2,386	2,618	548	—	Llanelly R.D.C. - -				
Llannon - -	11,389	4,682	842	660	Llanelly R.D.C. - -				
Pembrey - -	14,778	4,549	980	648	Do. - -	Do. - -	Good and adequate.		
<b>Llanybyther R.D.:</b>									
Llanfihangel Rhosy- corn.	8,844	437	110	—	—				
Llanllwni - -	6,669	656	170	—	—				
Llanybyther - -	9,955	1,171	302	50	Llanybyther R.D.C. - -				
Llanerwys - -	3,367	330	95	—	—	Do. - -	Good and adequate.		
Pencarreg - -	10,177	1,005	280	70	Llanybyther R.D.C. - -				
<b>Newcastle in</b> <b>Emlyn R.D.:</b>									
Cenarth - -	6,321	619	159	—	—	Springs & wells	Fairly good and adequate.		
East Cllrhedyn -	5,778	666	167	—	—				
Llanfihangel ar Arth	16,602	1,959	501	—	—				
Llangeler - -	8,193	1,960	462	—	—				
Pemboyr - -	6,936	1,273	288	—	—	Wells & springs	Good.		
<b>Whitland R.D.:</b>									
Castellwyrddon -	681	88	25	—	—				
Cilymaenllwyd -	3,458	363	98	—	—				
Cyffic - -	4,733	351	79	—	—				



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<b>Carmarthenshire</b> —cont.								
<b>Whitland R.D.—</b> cont.								
Eglwys Cymwyn -	3,724	220	43	—	—	Wells & springs	Good.	
Eglwysfair & Churig -	2,576	208	58	—	—			
Egremont -	1,015	100	25	—	—			
Henllan Amgoed -	1,044	96	23	—	—			
Llanboidy -	10,691	1,330	316	—	—			
Llandissilio East -	4,768	617	152	—	—			
Llanfallteg East -	1,381	315	82	—	—			
Llangan East -	4,715	1,029	256	—	—			
Llanglydwen -	1,874	229	59	—	—			
Marros -	2,336	111	19	—	—	Whitland R.D.C. - - -		
Pendine -	996	162	40	31				
<b>CARNARVON- SHIRE.</b>								
Bangor B. - - -	1,209	11,236	2,536	2,514	Bangor T.C. - - - -	Wells and springs	Satisfactory and fairly adequate.	
Bethesda U.D. -	893	4,716	1,305	1,265	Bethesda U.D.C. - - -	Springs - - -	Satisfactory and ample.	
Bettws y Coed U.D. -	4,474	925	204	143	Bettws y Coed U.D.C. - - -	Wells & springs	Good.	
Carnarvon B. -	2,216	9,119	2,156	2,122	Carnarvon T.C. - - -	R. Rhiwsolven	Fairly good.	
Conway B. - - -	3,450	5,242	1,104	1,104	Conway and Colwyn Bay Jt. Water Supply Board (bulk)	Wells and springs	Doubtful, but adequate.	
Criccieth U.D. -	472	1,376	368	324	Criccieth U.D.C. - - -	Wells, springs, and lakes.	Good and sufficient.	
Llandudno U.D. -	2,839	10,469	2,022	2,022	Llandudno U.D.C. - - -	—	—	
Llanfairfechan U.D. -	4,447	2,973	720	662	Llanfairfechan U.D.C. - -	Wells & springs	Good and ample.	
Penmaenmawr U.D. -	3,818	4,042	891	866	Governors of St. Andrew's Hospital, Northampton.	Rivers and streams	Good and fairly sufficient.	
Pwllheli B. - - -	1,096	3,791	915	875	Penmaenmawr U.D.C. - - -	Rivers & streams	Good and adequate	
Ynyscynhaiarn U.D. -	3,844	4,445	1,085	1,050	Pwllheli T.C. - - - -	Wells and springs	Good and sufficient.	
					Portmadoc Waterworks Co. -	Springs - - -	Satisfactory and adequate.	
<b>Conway R.D.:</b>								
Caerhun - - -	12,770	1,046	310	60	Conway & Colwyn Bay Joint Water Supply Board (bulk)	Wells & springs	Good, but limited in parts.	
Dolgarrog - - -	3,602	107	50	20	Conway R.D.C. - - - -			
Llanbedr y Cennin -	1,326	296	95	12	Aluminium Corporation, Ltd.			
Llanellan yn Rhôs (Denb.).	3,487	435	100	—	Llandudno U.D.C. - - -			
Llangelynnin - - -	2,418	256	65	6	Conway & Co. Joint Water Supply Bd. (bulk).			
Llangwstenin - - -	1,412	1,726	420	420	Do. do.			
Llansantffraid Glan Conway (Denb.).	5,281	1,271	320	235	Do. do.	Wells & springs -	Good and sufficient.	
Llechweidd - - -	1,692	420	90	12	Do. do.	Do. -	Good, but limited in parts.	
Llysfaen - - -	1,897	2,455	580	550	Property owners - - -			
Pearhyn - - -	1,018	859	200	200	Conway & Co. Joint Water Supply Bd. (bulk).			
					Do. do.	—	—	
<b>Geirionydd R.D.:</b>								
Capel Curig - - -	7,910	310	92	—	—	River Llugwy and wells.	Good.	
Dolwyddelan - - -	14,856	1,004	274	117	Geirionydd R.D.C. - - -	Wells and springs		
Eidda - - -	6,634	229	56	—	—	River Conway and wells.		
Llanrhydywyn - - -	7,879	353	95	—	—	Wells & springs		
Maenan - - -	2,915	366	89	—	—			
Penmachno - - -	13,291	1,560	454	237	Geirionydd R.D.C. - - -			
The Abbey - - -	512	28	6	—	—			
Trefriw - - -	1,236	628	219	210	Geirionydd R.D.C. - - -			
<b>Glaslyn R.D.:</b>								
Beddgelert - - -	25,061	1,213	300	—	—	Springs & wells	Generally satisfactory.	
Dolbenmaen - - -	21,255	1,836	458	42	Glaslyn R.D.C. - - - -			
Treflys - - -	2,596	284	77	—	—			
<b>Gwyrfa R.D.:</b>								
Bettws Garmon - -	5,510	400	91	12	Gwyrfa R.D.C. - - -	Wells - - -	Some good.	
Clynnog - - -	11,986	1,483	375	—	—			
Llanberis - - -	10,468	2,912	773	606	Holyhead & North Wales Gas and Water Corporation, Ltd.			
Llanddeiniolen - -	9,409	5,848	1,640	475	Gwyrfa R.D.C. - - -			
Llandwrog - - -	8,845	4,084	1,070	160	—			
Llanfaglan - - -	1,107	208	62	—	—			
Llanfairis Gaer - -	1,492	1,637	500	450	—			
Llanllyfni - - -	7,991	5,223	1,428	1,113	Gwyrfa R.D.C. - - -			
Llanrug - - -	4,932	2,793	787	125	—			
Llanwnda - - -	4,640	2,054	561	50	—			
Waenfawr - - -	4,061	1,531	437	—	—			



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
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1.	2.	3.	4.	5.	6.	7.	8.
<b>Carnarvonshire</b> —cont.							
<b>Lleyn R.D. :</b>							
Aberdaron - - -	7,244	1,106	297	—	—	Wells & springs	Generally good, but in- different in Aberdaron.
Abererch - - -	5,586	1,102	300	124	Pwllheli T.C. - - -		
Bodfean - - -	2,755	296	72	—	—		
Bodferin - - -	531	43	13	—	—		
Bottwnog - - -	496	134	39	—	—		
Bryncroes - - -	3,717	734	218	—	—		
Carnguwch - - -	1,404	91	24	—	—		
Celdio - - -	1,212	81	24	—	—		
Edeyrn - - -	1,187	452	140	35	Mrs. Wynne Finch - - -		
Llanaelhaiarn - -	6,658	1,517	380	295	{ Llanaelhaiarn Village Water Committee. { Llanaelhaiarn P.C. - - -		
Llanarmon - - -	3,932	714	179	—	—		
Llanbedrog - - -	2,309	584	176	—	—		
Llandegwning - -	1,402	122	51	—	—		
Llandudwen - - -	1,389	47	11	—	—		
Llanengan - - -	4,049	935	300	—	—		
Llanfihangel Bacheliaeth. - -	3,076	275	64	—	—		
Llangian - - -	4,649	980	269	—	—		
Llangwnadl - - -	1,281	205	58	—	—		
Llangybi - - -	4,674	491	146	1	Pwllheli T.C. - - -		
Llanicestyn - - -	4,542	819	241	—	—		
Llannon - - -	5,483	875	233	—	—		
Llanystumdwy - -	6,826	986	259	—	—		
Meylletern - - -	1,545	274	75	—	—		
Nevin - - -	1,661	1,810	568	373	Lleyn R.D.C. - - -		
Penllech - - -	2,182	205	51	—	—		
Penllyn - - -	1,157	113	19	—	—		
Penrhôs - - -	508	122	32	—	—		
Pistyll - - -	3,860	804	216	—	—		
Rhiw with Llan- faelrhys. - - -	3,211	495	130	—	—		
Tydweillog - - -	2,479	374	83	—	—		
<b>Ogwen R.D. :</b>							
Aber - - -	7,315	400	84	—	—	Springs & wells	Good.
Llandegai - - -	14,725	3,042	748	70	Bangor T.C. - - -		
Llanllechid - - -	16,699	989	282	10	{ Bangor T.C. - - - { Bethesda U.D.C. - - -		
Pentir - - -	5,319	2,230	558	20	Bangor T.C. - - -		
<b>DENBIGHSHIRE.</b>							
Abergele and Pen- sarn U.D. - - -	458	2,121	537	537	Rhyl U.D.C. - - -	—	—
Colwyn Bay and Colwyn U.D. - - -	5,238	12,630	2,536	2,490	Conway and Colwyn Bay Joint Water Supply Board (bulk) and James Amphlett, Esq. { Denbigh T.C. - - - { Denbigh Water Co. (part in bulk). - - -	Wells - - -	Fairly good and adequate.
Denbigh B. - - -	9,072	6,892	1,398	1,307	Llangollen U.D.C. - - -	(a) Wells, and (a) Good, but variable ; (b) Ystrad River (b) doubtful, but sufficient.	Satisfactory and sufficient. Satisfactory. Good and plentiful.
Llangollen U.D. - -	3,107	3,249	774	706	Llangollen U.D.C. - - -	Wells and springs	
Llanrwst U.D. - - -	822	2,519	607	590	Llanrwst U.D.C. - - -	Springs - - -	
Ruthin B. - - -	2,110	2,824	660	607	Ruthin Water Co. - - -	Wells and springs	
Wrexham B. - - -	1,305	18,377	3,738	3,738	Wrexham and East Denbigh- shire Water Co. - - -	—	—
<b>Chirk R.D. :</b>							
Chirk - - -	4,773	2,623	522	500	Chirk Water Co. Ltd. - - -	Springs & wells	Good
Glyn Traian - - -	7,830	900	183	17	{ Glyn Water Supply - - - { Chirk R.D.C. - - -		
Llansantffraid Glyn Ceiriog. - - -	5,949	1,034	193	135	Glyn Water Supply - - -		
<b>Llangollen R.D. :</b>							
Bryneglwys - - -	3,584	300	67	—	—	Wells & springs	Good and sufficient.
Llangollen Rural - -	11,459	2,539	560	138	{ Cefn, Acrefair and Rhosy- medre Water Co. - - - { Llangollen R.D.C. - - -		
Llantysilio - - -	8,252	769	196	28	Mrs. E. J. Tudor Jones - - -		
<b>Llanrwst R.D. :</b>							
Eglwys Fach - - -	7,904	925	258	—	—	Wells & springs	Good.
Gwernihowel - - -	1,307	36	12	—	—		
Gwytherin - - -	5,966	295	79	—	—		
Llanddoget - - -	911	256	63	—	—		
Llangerniew - - -	7,792	803	214	30	Col. S. Sandbach - - -		
Llanrwst Rural - -	14,865	1,294	340	—	—		
Pentre Foelas - - -	10,748	440	91	—	—		
Tir Ifan - - -	8,939	199	61	—	—		
Tre Brys - - -	852	156	39	—	—		



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Denbighshire— cont.</b>							
<b>Llanstlin R.D.:</b>							
Llanarmon Dyffryn Ceiriog.	9,295	262	55	22	Denbighshire Education Authority.		
Llanarmon Mynydd Mawr.	2,219	98	25	—	—		
Llangadwaladr -	1,792	147	34	20	H. Hughes, Esq. - - -	Wells & springs	Good and adequate.
Llangedwyn -	1,686	254	49	—	—		
Llanrhaidr ym Mochnant.	13,553	1,151	267	87	Llanrhaidr ym Mochnant Joint Committee.		
Llansilin -	16,170	1,278	283	50	Llansilin Water Committee -		
<b>Ruthin R.D.:</b>							
Aberwheeler Rural	3,278	341	87	30	Ruthin R.D.C. - - -		
Clocaenog -	7,182	372	80	3	Sir A. E. H. Naylor-Leyland, Bart.	Wells - -	Very fair.
Derwen -	3,554	437	106	—	—		
Efenechtyd -	1,233	228	58	14	J. Jones, Esq. - - -	Pentre stream, wells & rainwater	Not satisfactory, but suffi- cient
Gyffylliog -	8,181	464	98	19	Ruthin R.D.C. - - -	Wells and springs	Very fair.
Llanarmon -	11,874	1,091	272	—	—	Springs, wells, ponds Rivers Alun and Camddwr.	Very fair, but insufficient.
Llanbedr Dyffryn Clwyd.	3,102	334	76	—	—	Streams & wells	Good.
Llandegla -	3,475	248	69	—	—	Wells - -	Very fair.
Llandyrnog Rural -	3,357	484	120	77	{ Ruthin R.D.C. - - - W. G. Rigby, Esq. - - - Sir A. E. H. Naylor-Leyland, Bart.	Wells & springs	Not satisfactory.
Llanelidan -	5,223	663	155	41	{ Trustees of the late Canon H. W. Haygarth. Do. do. Sir A. E. H. Naylor-Leyland, Bart.	Wells - -	Very fair.
Llanfair Dyffryn Clwyd Rural.	7,368	900	222	78	{ Sir A. E. H. Naylor-Leyland, Bart.	R. Pentreme- thiant, wells & rainwater.	
Llanferras -	3,867	499	119	27	A. H. Potts, Esq. - - -	Wells and rain- water.	Fair.
Llanfwrog Rural -	2,721	222	53	—	—	Do. do.	Very fair.
Llangwyfan -	1,159	140	39	16	{ Ruthin R.D.C. - - -	Wells & springs	Not satisfactory.
Llangynhafal -	2,361	361	100	58	{ Trustees of the Llanrhaidr Hall Estate.	Clywedog Llech & Llewen streams, wells and rain- water.	Fair.
Llanrhaidr yn Cîm- merch Rural.	14,897	1,248	292	42	—	Wells - -	Very fair.
Llanrhydd Rural -	844	93	19	—	—	Do. - -	Not satisfactory.
Llanynchan -	584	92	23	19	Ruthin R.D.C. - - -	Clwyd and Cly- wedog streams, wells & springs.	Fair.
Llanynys Rural -	4,826	586	139	—	—	Springs - -	Good.
Nantglyn -	5,454	273	69	36	North Wales Asylum Com- mittee (part in bulk).		
<b>St. Asaph (Den- bigh) R.D.:</b>							
Abergele Rural -	8,994	1,057	245	111	Rhyl U.D.C. - - -	Well, spring, ponds, rain- water & R. Elwy	
Bettws yn Rhôs, or Bettws Abergele.	6,588	654	151	10	Trustees of the Coed Coch Estate.	Well, spring, ponds & River Dulas.	
Bylchau -	6,763	474	102	—	—	Well, spring, ponds and streams.	
Cefn -	3,268	477	110	12	Rhyl U.D.C. - - -	Well, spring, ponds, rain- water & R. Elwy	
Llanddulas -	646	648	142	122	Do. (bulk) - - -	Well, spring, ponds, & River Dulas.	Generally good and ade- quate.
Llanfair Talhaiarn	11,240	882	221	89	St. Asaph (Denbigh) R.D.C. -	Well, spring, ponds, streams & River Elwy.	
Llanfynydd -	7,605	766	176	1	Rhyl U.D.C. - - -	Wells, spring, ponds, streams & River Elwy.	
Llansannan -	15,545	1,034	222	—	—	Wells, spring, ponds & R. Aled	
St. George -	2,068	210	51	23	Rhyl U.D.C. - - -	Well, spring and ponds.	
Trefnant -	3,032	508	117	77	Do. (bulk) - - -	Well, spring, ponds, & River Clwyd.	
<b>Uwchaleid R.D.:</b>							
Cerrig y Druidion -	15,158	1,101	260	62	{ D. Jones, Esq. - - - Messrs. R. McAlpine & Sons Uwchaleid R.D.C. - - -	Wells & springs	Good and plentiful.
Llanfihangel Glyn Myfyr.	4,969	389	89	—	—		
Llangwm -	10,077	753	180	18	Col. S. Pare Lynes - - -		



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<b>Denbighshire— cont.</b>							
<b>Wrexham R.D.:</b>							
Abenbury Fawr -	1,264	302	61	18	Wrexham and East Denbigh- shire Water Co.	(a) Wells, (b) sur- face water.	(a) Satisfactory, (b) un- satisfactory.
Acton - - -	890	474	132	132	Do. do	—	—
Allington - -	3,578	982	251	83	Do. do	Wells - -	Satisfactory.
Bersham - - -	1,985	5,760	1,219	1,192	{ Wrexham, &c. Water Co. - { Brymbo Water Co. - -	{ Springs - -	{ Satisfactory and plentiful.
Bieston - - -	531	102	17	—	—	Wells and springs	Fairly satisfactory.
Borras Hovah -	461	42	10	10	{ Wrexham, &c. Water Co. -	—	—
Borras Riffre -	341	41	7	7	{ Wrexham, &c. Water Co. -	—	—
Broughton - -	1,242	7,547	1,586	1,586	{ Wrexham, &c. Water Co. - { Brymbo Water Co. - -	—	—
Brymbo - - -	2,544	5,005	1,116	1,011	Brymbo Water Co. - -	Wells - -	Satisfactory and plentiful.
Burton - - -	2,869	660	157	43	Wrexham, &c. Water Co. -	Do. - -	Satisfactory.
Caecca Dutton -	423	81	14	—	—	Do. - -	Unsatisfactory.
Cefn - - -	1,876	7,150	1,639	1,589	Cefn, Acrefair and Rhosy- medre Water Co.	Wells, streams, & springs.	Some satisfactory.
Dutton Diffeth -	624	118	27	—	—	{ Surface and	{ Unsatisfactory.
Dutton y Bran -	616	41	7	—	—	{ rain water.	{
Erbistock - - -	1,587	301	64	—	—	{ Wells & springs	{ Fairly satisfactory.
Erlas - - -	720	41	10	—	—	—	—
Erthig - - -	302	160	30	30	Wrexham, &c. Water Co. -	—	—
Esclusham Above -	3,953	415	99	99	{ Wrexham, &c. Water Co. - { Ruabon Water Co. - -	—	—
Esclusham Below -	1,640	1,779	368	368	Wrexham, &c. Water Co. -	—	—
Eyton - - -	1,332	250	48	6	{ Do. do.	Wells & springs	Fairly satisfactory.
Gourton - - -	334	34	6	1	{ Do. do.	—	—
Gresford - - -	1,025	1,353	328	328	{ Brymbo Water Co. - - { Wrexham, &c. Water Co. -	—	—
Gwersyllt - - -	1,690	4,954	1,015	1,015	—	—	—
Holt - - -	2,912	1,144	246	—	—	R. Dee and wells	Unsatisfactory.
Llay - - -	2,251	573	120	28	Wrexham, &c. Water Co. -	Wells & springs	Unsatisfactory in parts.
Machwiel - - -	3,398	665	143	143	Do. do.	—	—
Minera - - -	1,393	1,400	332	226	Brymbo Water Co. - -	Streams & wells	Satisfactory and plentiful
Pen y Cae - - -	4,694	2,085	493	385	Ruabon Water Co. - -	Wells, springs, and streams.	Satisfactory.
Pickhill - - -	1,220	153	29	—	—	Wells and springs	Unsatisfactory.
Rhosllanerchrugog	1,441	11,005	2,411	2,390	Ruabon Water Co. - -	Do. do.	Satisfactory.
Ridley - - -	698	21	6	—	—	Surface & rain water.	Unsatisfactory.
Royston - - -	702	69	12	12	Wrexham &c. Water Co. -	—	—
Ruabon - - -	5,906	3,387	781	687	Ruabon Water Co. - -	Wells and springs	Satisfactory.
Sesswick - - -	675	150	31	31	{ Wrexham, &c. Water Co. -	—	—
Stansty - - -	577	2,268	450	450	—	—	—
Sutton - - -	1,171	165	37	—	—	Surface & rain water.	Unsatisfactory.
<b>FLINTSHIRE.</b>							
<b>Buckley U.D.</b> -	2,034	6,333	1,383	1,363	Hawarden and District Water- works Co.	Wells and rain water.	} Good.
<b>Connah's Quay U.D.</b> -	3,748	4,596	887	817	Connah's Quay Gas and Water Co., Ltd.	Wells - -	
<b>Flint B.</b> - - -	3,450	5,472	1,162	1,041	Flint Gas and Water Co., Ltd.	Wells, springs, & R. Nant-y-afon	Generally satisfactory.
<b>Holywell U.D.</b> -	747	2,549	613	—	—	Wells - -	Good and adequate, but distant from houses.
<b>Mold U.D.</b> - - -	854	4,873	1,050	1,043	Mold Gas and Water Co. -	Do. - -	Doubtful and sometimes inadequate.
<b>Prestatyn U.D.</b> -	1,373	2,036	513	483	Prestatyn U.D.C. - - -	Wells and springs	Good and fairly sufficient.
<b>Rhyl U.D.</b> - - -	865	9,005	1,975	1,975	Rhyl U.D.C. - - -	—	—
<b>Hawarden R.D.:</b>							
East Saltney - -	1,183	2,289	446	439	Chester Waterworks Co. -	Wells - -	} Good.
Hawarden - - -	9,037	6,490	1,359	931	Hawarden & Dist. Water Co.	Wells and springs	
Higher Kinnerton -	1,825	310	85	21	Hawarden R.D.C. - - -	Do. - -	Good, but some doubtful.
Hope - - -	4,768	3,013	676	377	{ Wrexham, &c. Water Co. - { Hawarden R.D.C. - - -	{ (a) Wells, (b) { springs, (c)	{ (a), & (c), Fairly good, (b) good, (d) doubtful.
Llanfynydd - - -	4,674	1,793	442	137	{ Wrexham, &c. Water Co. - { Brymbo Waterworks Co. - { M. Rowley Conwy, Esq. -	{ Nant Brook and (d) rain- water.	



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Flintshire—cont.</b>							
<b>Hawarden R.D.—</b>							
Marford and Hoseley.	650	265	53	49	Wrexham and East Denbigh- shire Water Co.	Wells - -	Good.
Sealand - -	4,948	755	148	104	{ Hawarden & Dist. Water Co. Chester Waterworks Co. -	{ Do. - -	Mostly good, some doubt- ful.
Tryddlyn - -	3,614	1,351	333	159	{ Messrs. G. & F. Ledson Brymbo Water Co. -	{ (a) Wells and springs, rain-water. (b)	(a) Good, (b) doubtful.
West Saltney -	876	4,305	827	826	Hawarden & Dist. Water Co. -	Rain-water -	Fairly good.
<b>Holywell R.D. :</b>							
Brynford - -	2,043	981	234	—	—	Wells & springs -	Satisfactory and adequate.
Caerwys - -	2,737	834	232	200	Holywell R.D.C. - -	Wells - -	Satisfactory.
Cilcain - -	6,571	787	214	44	Hawarden & Dist. Water Co. -	—	—
Gwaenysgor -	817	211	60	—	—	—	—
Halkyn - -	3,408	1,339	343	—	—	—	—
Holywell Rural -	3,324	4,858	1,200	500	Holywell R.D.C. - -	—	—
Llanasa - -	6,376	3,026	720	—	—	—	—
Mold Rural - -	11,230	4,952	1,500	1,450	{ Brymbo Water Co. - Mold Gas and Water Co. - Hawarden & Dist. Water Co.	{ Wells & springs	Satisfactory and fairly adequate.
Nannerch - -	2,875	300	78	—	—	—	—
Nerquis - -	2,318	453	115	—	—	—	—
Newmarket - -	1,075	438	120	—	—	—	—
Northop - -	7,109	2,809	656	198	Hawarden & Dist. Water Co. -	—	—
Whitford - -	8,309	3,219	750	200	Holywell R.D.C. - -	—	—
Ysceiïog - -	6,078	1,121	312	—	—	—	—
<b>Overton R.D. :</b>							
Bangor - -	2,124	574	123	—	—	—	—
Bettisfield - -	2,308	356	96	—	—	—	—
Bronington - -	4,692	617	156	—	—	—	—
Halghton - -	2,367	370	85	12	{ Liverpool T.C. - -	—	—
Hammer - -	2,303	408	90	10	{ Liverpool T.C. - -	—	—
Iscoyd - -	2,662	408	107	—	—	Wells - -	Generally good and ade- quate.
Overton - -	4,613	1,196	313	178	{ Liverpool T.C. - -	—	—
Penley - -	2,124	338	72	32	{ Liverpool T.C. - -	—	—
Tybroughton - -	1,187	170	49	—	—	—	—
Willington - -	1,950	308	89	—	—	—	—
Worthenbury -	3,420	431	110	—	—	—	—
<b>St. Asaph (Flint) R.D. :</b>							
Bodelwyddan -	4,177	353	82	54	Rhyl U.D.C. - -	Wells, spring, ponds, rain- water, & Rivers Elwy & Clwyd.	Generally good and ade- quate.
Bodfari - -	1,494	322	91	41	D. F. Pennant, Esq. -	Well, spring, ponds and River Wheeler.	—
Cwm - -	3,883	362	90	59	{ St. Asaph (Flint) R.D.C. Prestatyn U.D.C. -	{ Wells, spring, ponds and streams.	—
Dyserth - -	2,080	902	245	168	{ Prestatyn U.D.C. -	{ Wells, spring, ponds and streams.	—
Meliden - -	693	560	153	120	{ Prestatyn U.D.C. -	{ Wells, spring, ponds and streams.	—
Rhuddlan - -	4,349	1,607	398	398	Rhyl U.D.C. - -	—	—
St. Asaph - -	1,646	1,833	428	376	Do. - -	{ Wells, spring, ponds, rain- water and Rivers Elwy and Clwyd.	Generally good and ade- quate.
Tremeirchion -	4,031	604	127	39	St. Asaph (Flint) R.D.C.	Wells, spring, ponds and River Clwyd.	—
Wacn - -	1,806	223	45	3	Rhyl U.D.C. - -	Wells, spring, ponds, rain- water & Rivers Elwy & Clwyd.	—
<b>GLAMORGAN- SHIRE.</b>							
Aberavon B. -	2,211	10,505	1,792	1,792	{ Aberavon T.C. - - Neath R.D.C. (bulk) -	—	—
Aberdare U.D. -	15,183	50,830	10,198	10,083	Aberdare U.D.C. - -	Wells and springs	Fairly satisfactory.
Barry U.D. - -	3,777	33,763	6,190	6,190	{ Barry U.D.C. - - Cardiff T.C. (bulk) -	{ —	—
Bridgend U.D. -	1,217	8,021	1,582	1,580	Bridgend Gas and Water Co. -	Wells - -	Fair.
Briton Ferry U.D.	1,557	8,472	1,598	1,571	Briton Ferry U.D.C. -	Springs & rain- water.	Satisfactory.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
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1.	2.	3.	4.	5.	6.	7.	8.
<b>Glamorganshire— cont.</b>							
Caerphilly U.D.	14,426	32,844	5,758	5,654	Parc Newydd Estate; D. Williams, Esq.; Lewis Merthyr Consolidated Collieries, Ltd.; Rhymney and Aber Valleys Gas and Water Co.; Pontypridd & Rhondda Joint Water Bd.; Caerphilly U.D.C.; and Merthyr Tydfil T.C. (bulk).	Wells & springs	Good.
Cardiff C.B.	6,373	182,259	31,127	31,127	Cardiff T.C.	—	—
Cowbridge B.	85	1,167	256	—	—	Wells, spring, River Thaw and rain-water.	Satisfactory and adequate.
Gelligaer U.D.	16,772	35,521	6,243	5,999	Rhymney & Aber Valleys Gas & Water Co. (part in bulk) and Bedwelty U.D.C.	Springs	Generally good, but sometimes inadequate.
Glyncorwg U.D.	13,927	8,688	1,491	1,448	Glyncorwg U.D.C.	Do.	Satisfactory (moderately soft water).
Maesteg U.D.	6,708	24,977	4,469	4,469	Maesteg U.D.C.	—	—
Margam U.D.	18,417	14,713	2,771	2,761	Margam U.D.C.	Wells and springs	Good and adequate.
Merthyr Tydfil C.B.	17,761	80,990	15,220	15,220	Merthyr Tydfil T.C.	—	—
Mountain Ash U.D.	10,504	42,246	7,430	7,308	Mountain Ash U.D.C.	(a) Wells, springs, (b) Clydach and Boi Brooks and (c) rain-water.	(a) Some good and abundant, others unreliable in summer; (b) fairly good and constant; (c) unreliable.
Neath B.	1,428	17,586	3,371	3,356	Neath T.C.	Wells	Satisfactory, but occasionally insufficient.
Ogmore and Garw U.D.	17,925	26,741	4,486	4,288	Ogmore Gas & Water Co., Ltd.; Garw Water Co.; Ogmore and Garw U.D.C.; Britannic Merthyr Coal Co., Ltd.	Wells & springs	Good and adequate.
Oystermouth U.D.	1,507	6,098	1,336	1,236	Oystermouth U.D.C.	Wells & springs	Satisfactory, but inadequate.
Penarth U.D.	2,210	15,488	2,807	2,793	( Cardiff T.C., Marquess of Bute	Rain-water	Liab to pollution.
Pontypridd U.D.	8,140	43,211	7,773	7,742	Pontypridd and Rhondda Joint Water Board.	Wells	Satisfactory.
Porthcawl U.D.	3,414	3,444	736	697	Porthcawl U.D.C.	Springs	Satisfactory.
Rhondda U.D.	23,885	152,781	26,250	25,950	Rhondda U.D.C. & Pontypridd & Rhondda Jt. Water Bd.	Streams	Liab to pollution in some cases.
Swansea C.B.	5,202	114,663	20,614	20,614	Swansea T.C.	Streams (unfiltered).	Satisfactory and adequate.
Cowbridge R.D.:							
Colwinston	1,841	197	48	—	—	—	—
Eglwys Brewis	381	16	4	—	—	—	—
Flemingston	701	69	11	—	—	—	—
Gileston	369	50	14	—	—	—	—
Llanblethian	3,263	745	179	—	—	—	—
Llandow	1,119	110	24	—	—	—	—
Llanfair	1,513	180	38	—	—	—	—
Llangan	1,200	207	44	—	—	—	—
Llanharan	3,644	1,504	280	—	—	—	—
Llanharry	1,629	369	84	—	—	—	—
Llanilid	1,077	94	21	—	—	—	—
Llanmaes	1,127	142	37	—	—	—	—
Llanmihangel	611	30	6	—	—	—	—
Llansannor	1,819	178	40	—	—	—	—
Llantwit Major	5,120	1,188	287	—	—	—	—
Llsworney	982	133	28	—	—	—	—
Marcross	918	95	20	—	—	—	—
Monknash	1,425	78	17	—	—	—	—
Nash	201	12	1	—	—	—	—
Penline	1,962	309	63	—	—	—	—
Peterston super Montem.	2,106	1,193	193	—	—	—	—
St. Andrews Minor	230	22	2	—	—	—	—
St. Athan	1,527	360	88	—	—	—	—
St. Donat's	928	109	23	—	—	—	—
St. Hilary	1,268	138	30	—	—	—	—
St. Mary Hill	1,449	177	63	—	—	—	—
Stembridge	38	2	1	—	—	—	—
Ystradowen	1,568	228	50	—	—	—	—
<b>Gower R.D.:</b>							
Bishopston	2,595	893	212	3	Oystermouth U.D.C.	Wells & springs	Satisfactory, except in St. Hilary and Ystradowen.
Brynnau	1,500	473	116	—	—	—	—
Cheriton	1,425	128	40	—	—	—	—
Ilston	3,109	245	56	—	—	—	—
Knelston	548	72	17	—	—	Wells	Good.
Llanddewi	2,010	120	24	—	—	Wells, rain-water & R. Ilston.	Generally poor.
						Wells and rain-water.	Poor and inadequate.
						(a) Wells; (b) spring.	(a) Doubtful and inadequate; (b) good, but distant from houses.



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
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1.	2.	3.	4.	5.	6.	7.	8.
<b>Glamorganshire—</b>							
<i>cont.</i>							
<b>Gower R.D.—cont.</b>							
Llangennith -	3,366	277	77	—	—	Wells -	Good & generally sufficient.
Llanmadoc -	1,549	149	42	—	—	Do. -	Good and fairly sufficient.
Llanrhidian Higher	4,995	4,199	826	180	Swansea R.D.C. (bulk) -	Do. -	Fairly good, but deficient.
Llanrhidian Lower	5,602	458	107	—	—	Do. -	Good and sufficient.
Nicholaston -	488	96	22	—	—	Do. -	Good.
Oxwich -	1,265	178	53	—	—	Wells and rain- water.	Good, but deficient.
Penard -	2,855	245	60	—	—	Rain-water and wells.	Doubtful and deficient.
Penmaen -	995	154	29	—	—	Wells -	Good.
Penrice -	2,127	215	67	—	—	(a) Wells; (b) rain-water.	(a) Good, but distant from houses; (b) doubtful and deficient.
Port Eynon -	1,149	207	63	—	—	—	—
Reynoldston -	1,069	267	69	—	—	—	—
Rhossili -	2,707	246	64	—	—	Wells -	Good.
<b>Llandaff and Dinas</b>							
<b>Powis R.D.:</b>							
Bonvilston -	1,280	162	45	—	—	Wells -	—
Caerau -	773	237	77	20	Cardiff T.C. (bulk) -	Wells and rain- water.	—
Lavernock -	651	121	26	16	Cardiff T.C. (bulk) -	—	—
Leckwith -	907	112	24	—	—	—	—
Lisvane -	1,416	329	64	17	Cardiff T.C. -	Wells -	—
Llancafarn -	4,724	446	100	—	—	—	—
Llandaff -	2,743	9,142	1,893	1,876	Cardiff T.C. -	—	—
Llanedeyrn -	2,753	340	76	12	—	Wells and rain-water.	—
Llanfiliern -	1,075	189	38	—	—	—	—
Llanishen -	3,050	1,733	365	328	Cardiff T.C. -	—	—
Llantrithyd -	1,433	138	31	—	—	—	—
Llanvaelw -	2,453	244	56	—	—	—	—
Llanvithyn -	427	20	5	—	—	—	—
Michaelston le Pit -	800	105	23	13	Cardiff T.C. -	Wells -	—
Michaelston super Ely.	492	58	12	—	—	—	—
Pendoylan -	3,579	372	101	—	—	—	—
Penmark -	3,361	495	118	8	Barry U.D.C. (bulk) -	—	—
Pentyrch -	4,939	2,308	536	348	(Llandaff and Dinas Powis R.D.C.; Cardiff T.C. (bulk); M. E. G. Rhys Wingfield, Esq.)	Springs -	Good.
Peterston super Ely	2,171	389	73	—	—	—	—
Porthkerry -	964	181	49	30	Barry U.D.C. -	Wells -	—
Radyr -	1,629	1,238	254	242	Cardiff T.C. (bulk) -	—	—
Rhydy Gwern -	722	245	58	—	—	Spring -	—
Rudry -	2,668	619	121	—	—	Wells -	—
St. Andrews Major	3,186	2,151	481	457	Barry U.D.C. -	Wells and rain- water.	—
St. Bride's super Ely	601	95	23	—	Cardiff T.C. -	Wells -	—
St. Fagans -	2,175	549	97	82	Cardiff T.C. -	Wells and rain- water.	—
St. George's -	1,024	287	67	—	—	Wells -	—
St. Lythan's -	1,284	87	18	—	—	Rain-water -	—
St. Nicholas -	2,172	370	71	24	R. Cory, Esq., and Miss Cory	—	—
Sully -	1,012	314	75	62	Barry U.D.C. -	Wells and rain- water.	—
Van -	862	347	69	27	Rhymney and Aber Valleys Gas and Water Co.	Wells -	—
Welsh St. Donat's -	2,263	193	49	—	—	—	—
Wenvoe -	3,441	505	105	26	Barry U.D.C. -	—	—
Whitchurch -	3,269	9,079	1,883	1,643	Cardiff T.C. -	Wells and rain- water.	—
<b>Llantrisant and</b>							
<b>Llantwitfardre</b>							
<b>R.D.:</b>							
Llantrisant -	14,209	15,048	3,374	2,899	Pontypridd & Rhondda Jt. Water Bd. (bulk); Llantri- sant & Llantwitfardre R.D.C.	Springs -	Satisfactory.
Llantwitfardre -	4,223	2,434	551	376	Pontypridd, &c. Water Board (bulk).	—	—
<b>Neath R.D.:</b>							
Baglan Higher -	1,718	479	115	—	—	—	—
Baglan Lower -	1,663	658	110	23	Briton Ferry U.D.C. -	Springs -	Good, but deficient
Blaengwrach -	2,871	514	85	75	Neath R.D.C. -	—	—
Blaenboddan -	3,467	3,633	647	647	Do. -	—	—
Clyne -	2,185	639	106	100	Do. -	Springs -	Good, but deficient.
Coedffranc -	3,812	8,125	1,350	1,350	Do. -	—	—
Dyffryn Clydach -	1,725	1,780	297	297	Do. -	—	—
Dylais Higher -	6,261	4,569	732	732	Do. -	—	—
Dylais Lower -	5,227	576	95	80	E. Evans Bevan, Esq. -	—	—
Llantwit Lower -	4,301	5,165	861	561	Neath R.D.C. -	—	—
Michaelston Higher	2,410	1,297	316	300	Neath T.C. -	Springs -	Good, but deficient.
Michaelston Lower	988	5,538	923	923	Neath R.D.C. -	—	—
Neath Higher -	6,871	3,097	516	500	Do. -	—	—
Neath Lower -	2,101	432	60	—	—	Springs -	Good, but deficient.
Resolven -	4,671	3,831	639	600	Neath R.D.C. -	—	—
Rhigos -	5,585	1,280	166	166	Do. -	—	—
Ystradfellte (Brec.)	19,355	627	104	—	—	Springs -	Good, but deficient.



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<b>Glamorganshire—</b>							
<i>cont.</i>							
<b>Penybont R.D.:</b>							
Coity Higher	2,937	1,864	186	120	Garw Water Co. (bulk)	Wells and rain-water.	Good and adequate.
Coychurch Higher	3,928	1,088	212	126	Penybont R.D.C.	Wells and springs	
Coychurch Lower	1,099	303	72	—	—	Wells & rainwater	Good and plentiful.
Ewenny	2,751	357	69	22	Bridgend Gas & Water Co. (bulk)	Wells	Good, but inadequate.
Kensig	2,627	301	65	—	—	Do.	Good and adequate.
Laleston	2,249	706	159	26	Penybont R.D.C.	Wells and rain-water.	Good, but inadequate.
Llangynwyd Lower	2,132	434	95	—	Garw Water Co. (bulk)	Wells	
Llangynwyd Middle	2,623	1,664	328	303	Penybont R.D.C.	Wells, springs, & rain-water.	Good and adequate.
Merthyr Mawr	2,814	189	36	12	Bridgend Gas and Water Co. through J. I. D. Nicholl, Esq.	Wells and rain-water.	Good and plentiful.
Newcastle Higher	2,170	4,297	703	597	Penybont R.D.C.	Do. do.	Good and adequate.
Pencoed	2,121	1,894	368	342	Do.	Do. do.	
Pyle	1,638	2,708	645	645	Bridgend, &c. Water Co., thro' Southern-down Water Co., Ltd.	Do. do.	Good, but inadequate in dry season.
St. Bride's Major	5,049	783	158	55	Garw Water Co.	Springs and rain-water.	
St. Bride's Minor	1,921	1,464	307	300	—	Well	Good and adequate.
Sker	370	54	3	2	Porthcawl U.D.C.	Wells and rain-water.	Good, but inadequate.
Tythegston Higher	2,231	2,237	436	356	Penybont R.D.C.	Do. do.	Good and plentiful.
Tythegston Lower	721	96	17	—	—	Do. do.	
Wick	1,438	359	81	—	—	Do. do.	Good and adequate.
Ynysawdre	387	1,526	393	389	Penybont R.D.C.	Do. do.	
<b>Pontardawe R.D.:</b>							
Clybebyll	3,983	3,131	466	360	Pontardawe R.D.C.	Springs	Good and adequate.
Llangiwig	12,553	19,338	4,781	3,963	Swansea T.C. (bulk)		
Mawr	9,217	1,510	302	—	Cwm-twrch Joint Committee		
Rhyndwyglydach	7,704	6,994	1,450	1,350	Pontardawe R.D.C.		
Ynys y mond	1,512	525	124	86	Swansea T.C. (bulk)	Wells & springs	Satisfactory & adequate.
<b>Swansea R.D.:</b>							
Clase Rural	4,158	5,648	1,097	1,072	Pontardawe R.D.C.		
Cockett	4,430	8,488	1,805	1,776	Swansea T.C. (bulk)		
Gowerton	2,544	2,748	547	513	Swansea R.D.C.	Wells & springs	Satisfactory & adequate.
Llandello Talybont	7,558	10,705	2,049	1,887	Swansea T.C. (bulk)		
Llansamlet	5,243	7,411	1,535	1,491	Swansea R.D.C.		
Loughor Borough	1,252	4,118	821	792	Swansea T.C. (bulk)		
Penderry	5,670	4,110	844	802	Swansea T.C. (bulk)	Wells, springs, rivers and streams.	Good and sufficient.
<b>MERIONETH-SHIRE.</b>							
Bala U.D.	252	1,637	378	378	Bala U.D.C.		
Barmouth U.D.	798	2,106	518	518	Barmouth U.D.C.		
Dolgelley U.D.	174	2,160	606	606	Dolgelley Waterworks Co., Ltd.	Wells, springs, rivers and streams.	Generally good.
Ffestiniog U.D.	16,323	9,674	2,280	2,157	Ffestiniog U.D.C.		
Mallwyd U.D.	14,221	757	214	64	Various property owners	Springs	Good and ample.
Towyn U.D.	22,959	3,929	961	754	Mallwyd U.D.C.		
<b>Deudraeth R.D.:</b>							
Llanbedr	7,543	320	63	27	Llanbedr Water Co., Ltd.	Springs & wells	Generally satisfactory.
Llandanwg	3,731	1,022	260	115	Deudraeth R.D.C.		
Llandecwyn	6,448	264	58	—	—		
Llanfair	5,179	352	67	13	Llanbedr Water Co., Ltd.		
Llanfrothen	8,308	861	180	14	Portmadoc Waterworks Co.	Wells & springs	Satisfactory.
Maentwrog	7,630	652	120	50	W. E. Oakeley, Esq.		
Penrhyndeudraeth	1,145	1,988	500	352	Portmadoc Water Co.		
Talsarnau	4,261	626	160	75	Exors. of the late Mrs. M. Roberts.		
Trawsfynydd	31,670	1,708	380	—	—	Wells & springs	Satisfactory.
<b>Dolgelley R.D.:</b>							
Brithdir and Islaw'r dref.	25,167	1,310	274	12	Dolgelley Waterworks Co., Ltd.	Wells & springs	Satisfactory.
Llanaber	11,085	729	168	63	Llanaber P.C.		
Llanddwywe is y Graig.	5,151	207	51	—	Barmouth U.D.C.	Wells & springs	Satisfactory.
Llanddwywe uwch y Graig.	4,367	99	20	1	Barmouth U.D.C.		
Llanegryn	6,559	560	132	—	—	Wells & springs	Satisfactory.
Llanelltyd	8,000	450	101	—	—		
Llanendwyn	8,353	920	249	203	Llanbedr Water Co., Ltd.	Wells & springs	Satisfactory.
Llanfachreth	17,767	711	169	—	Dolgelley R.D.C.		
Llanfihangel Pennant.	10,240	457	120	—	—	Wells & springs	Satisfactory.
Llangelynin	8,867	1,130	278	120	P. Peacock, Esq.		
Llanymawddwy	15,490	323	8	—	Dolgelley R.D.C.	Wells & springs	Satisfactory.
Talyllyn	15,941	1,079	300	185	Talyllyn P.C.		



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<b>Merionethshire— cont.</b>							
<b>Edeirnion R.D.:</b>							
Bettws Gwerfil Goch	2,279	232	61	23	Edeirnion R.D.C. - - -	Springs & wells	Satisfactory.
					Edeirnion R.D.C. - - -		
					Corwen Water Co., Ltd. - -		
					J. Williams, Esq. - - -		
					Great Western Railway Co. Major Tottenham - - -		
Corwen - - -	15,107	2,856	636	410	Edeirnion R.D.C. - - -	Springs & wells	Satisfactory.
Gwyddelwern -	6,557	711	167	44	Edeirnion R.D.C. - - -		
Llandrillo - -	15,883	591	156	94	Llangar Commemoration Foun- tain. - - -		
Llangar - - -	6,955	572	152	10	Edeirnion R.D.C. - - -		
Llansantffraid Glyn Dyfrdwy.	679	170	40	21	Edeirnion R.D.C. - - -		
<b>Penllyn R.D.:</b>						Wells, springs, rivers and streams.	Good and fairly adequate.
Llandderfel - -	8,305	785	195	—	—		
Llanfor - - -	32,812	1,163	274	—	—		
Llangower - - -	6,880	213	51	—	—		
Llanuwchllyn -	28,575	1,007	224	—	—		
Llanyell - - -	21,897	904	204	43	Bala U.D.C. - - -		
<b>MONMOUTH- SHIRE.</b>							
Abercarn U.D. -	9,506	16,445	2,950	2,850	Abercarn U.D.C. - - -	Springs - - -	Good.
Abergavenny B. -	829	8,511	1,876	1,876	Abergavenny T.C. - - -	—	—
Abersychan U.D. -	10,124	24,656	4,662	4,467	Pontypool Gas and Water Co.	Wells & springs	Good and adequate.
Abertillery U.D. -	6,482	35,415	6,071	5,971	Abertillery U.D.C. - - -	Do.	Satisfactory.
Bedwas and Ma- chen U.D.	6,520	4,936	1,300	1,250	Bedwas and Machen U.D.C.	Do.	Good and plentiful.
					Rhymney & Aber Valleys Gas and Water Co.		
					Do. do.		
Bedwellty U.D. -	7,275	22,547	3,808	3,808	(part in bulk); Tredegar U.D.C. (part in bulk); Bedwellty U.D.C.	—	—
					—		
					—		
Blaenavon U.D. -	4,612	12,010	2,338	2,172	Blaenavon U.D.C. - - -	Springs - - -	Good.
Caerleon U.D. -	571	2,046	352	348	Newport T.C. - - -	Wells, springs, & rain-water.	Poor and insufficient.
Chepstow U.D. -	1,085	2,953	619	608	Chepstow Water Co. - - -	Wells & rainwater	Good.
Ebbw Vale U.D. -	6,870	30,541	5,357	5,297	Ebbw Vale U.D.C. - - -	Springs - - -	Doubtful, but ample.
Llanfrechfa Up- per U.D.	1,787	4,468	905	855	Llanfrechfa Upper U.D.C. -	Wells & springs	Good and plentiful.
Llantarnam U.D.	4,097	7,058	1,348	1,180	Do. - - -	Do. - - -	Fair, but inadequate in drought.
Monmouth B. -	5,008	5,269	1,159	908	Monmouth Gas and Water Works Co., Ltd.	Wells, springs, and rain-water.	Satisfactory and ample.
Mynyddislwyn U.D.	5,152	9,980	1,845	1,665	Risca U.D.C.; Tredegar U.D.C. (bulk); Rhymney, &c. Water Co.	Springs - - -	Good, but inadequate in summer.
					—		
Nantyglo and Blaina U.D.	3,862	15,395	2,815	2,775	Ebbw Vale U.D.C. (bulk) -	Do. - - -	Satisfactory and sufficient.
Newport C.B. -	4,504	83,691	14,249	14,224	Newport T.C. - - -	Wells - - -	Very hard and brackish near river.
Panteg U.D. - -	5,578	10,098	2,013	1,702	Pontypool Gas and Water Co.	Springs - - -	Satisfactory.
Pontypool U.D. -	231	6,452	1,242	1,242	Do. - - -	—	—
Rhymney U.D. -	2,638	11,449	2,075	1,956	Rhymney, &c. Water Co. (bulk)	Springs - - -	Good and sufficient.
Risca U.D. - - -	4,195	14,149	2,647	2,297	Risca U.D.C. & Rhymney, &c. Water Co. (bulk).	Wells & springs	Fair, but insufficient.
Tredegar U.D. -	8,148	23,601	4,121	4,071	Tredegar U.D.C., and Ebbw Vale U.D.C.	Springs - - -	Some fair, others very bad; often inadequate in summer.
Usk U.D. - - -	655	1,495	336	281	Usk Waterworks Co., Ltd. -	Wells - - -	Satisfactory and adequate.
<b>Abergavenny R.D.:</b>							
Abergavenny Rural	3,430	1,385	87	—	—	Well s& springs	Good.
Bettws Newydd -	1,130	74	26	—	—		
Bryngwyn - - -	1,481	246	59	—	—		
Bwlch Trewyn -	636	74	18	—	—		
Clytha - - -	1,840	231	60	—	—		
Fwthog - - -	2,101	63	17	—	—		
Grosmont - - -	6,799	561	135	44	G. E. Bevan, Esq. - - -		
Llanarth - - -	1,978	193	50	—	—		
Llanclen - - -	2,527	291	73	—	—		
Llanfoist - - -	2,058	408	111	75	Abergavenny T.C. (bulk) -		
Llangattock Lin- goed.	1,944	135	39	—	—		
Llangattock Nigh Usk.	1,625	265	62	—	—		
Llanguna - - -	711	73	18	—	—		
Llanover - - -	2,818	380	92	—	—		
Llansaintffraed -	290	13	3	—	—		
Llanthwy - - -	2,201	295	65	—	—		
Rhytherch.							
Llanthwy Skirrid	1,060	136	27	—	—		
Llantilio Pertholey	6,840	1,315	287	26	Abergavenny T.C. - - -		
Llanvair Kilgedin	1,808	236	58	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.			
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.		
1.	2.	3.	4.	5.	6.	7.	8.		
<b>Monmouthshire— —cont.</b>									
<b>Abergavenny R.D.</b>									
<i>—cont.</i>									
Llanvapley -	845	94	28	—	—	Wells & springs	Good.		
Llanvetherine -	2,169	168	42	—	—				
Llanvihangel -	3,278	446	121	—	—				
Crucorney									
Llanvihangel nigh	388	105	27	—	—				
Usk.									
Llanwenarth Citra	2,812	257	53	—	—				
Llanwenarth Ultra	2,301	963	232	50	Abergavenny R.D.C.				
Lower Cwmyoy -	3,507	210	49	—	—	Wells, springs & rain-water.	Good and adequate.		
Oldcastle -	934	37	9	—	—				
Upper Cwmyoy -	4,741	137	30	—	—				
<b>Chepstow R.D.:</b>									
Caerwent -	2,002	382	98	27	( G. W. Railway Co. (bulk) & ( thro' Monmouthshire Co. Co.	Wells, springs & rain-water.	Good and adequate.		
Caldicot -	1,983	1,513	339	175	G. W. Railway Co. (bulk)				
Chapel Hill -	1,307	336	81	4	Commissrs. of H.M. Woods, &c.				
Dinham -	636	27	13	8	Monmouthshire Co. Co. -				
Howick -	642	26	6	—	—				
Itton -	647	95	19	19	G. W. Railway Co. (bulk)				
Itton -	1,116	150	35	—	—				
Kilgerrig -	666	86	20	11	E. C. Curre, Esq. -				
Llangwm Isaf -	633	42	10	—	—	Wells, springs & rain-water.	Good and adequate.		
Llangwm Uchaf -	2,498	207	50	—	—				
Llansoy -	1,415	128	27	—	—				
Llanvair Discoed -	1,359	131	28	—	—				
Llanvihangel (near	559	73	16	14	G. W. Railway Co. (bulk)				
Roggiet).									
Llanvihangel Tory	1,186	131	34	—	—				
Mynydd.									
Mather and St.	3,473	622	122	45	( G. W. Railway (bulk) - ( Chepstow Water Co. thro' ( Pwllmeyric Water Co.	Wells, springs & rain-water.	Good and adequate.		
Pierre.					St. Pierre Estate				
Mountain -	413	59	16	4	Chepstow Water Co. through Pwllmeyric Water Co.				
Newchurch East -	3,399	333	73	5	E. C. Curre, Esq. -				
Newchurch West -	2,098	116	26	—	—				
Penterry -	480	20	5	—	—				
Portskewett -	1,107	958	189	182	G. W. Railway Co. (bulk)				
Roggiet -	1,017	138	29	21	Do. do.				
St. Arvans -	2,160	460	110	107	( Chepstow R.D.C. - ( Chepstow Water Co. -	Wells, springs & rain-water.	Good and adequate.		
St. Arvans Grange -	536	32	6	6	Do. -				
St. Bride's Nether- went.	804	133	27	20	Newport T.C. -				
St. Kingsmark -	18	6	1	1	Chepstow Water Co. -				
Shirenewton -	3,599	734	171	—	—				
Tintern Parva -	795	325	74	—	—				
Trelleck Grange -	1,818	104	20	—	—				
Undy -	1,714	468	114	25	G. W. Railway Co. (bulk)				
Wolves Newton -	2,656	136	32	—	—	Wells & springs - Fair and adequate.	Good and plentiful.		
<b>Magor R.D.:</b>									
Bishton -	1,392	167	40	—	—				
Christchurch -	3,369	1,655	330	288	Newport T.C. -				
Goldeliff -	2,192	266	55	—	—				
Kemeys Inferior -	1,622	120	26	1	Newport T.C. -				
Llandeenny -	237	55	15	—	—				
Llangattock -	2,367	264	55	—	—				
Llangstone -	1,345	210	45	5	Newport T.C. -				
Llanhennoek -	1,473	198	44	—	—				
Llanmartin -	1,123	164	33	—	—				
Llanvaches -	2,093	256	54	11	Newport T.C. -				
Llanwern -	716	25	6	1	Do. -				
Magor -	1,899	473	108	93	G. W. Railway Co. (bulk)				
Nash -	2,554	291	60	—	—	Reens & rainwater Wells & springs - Fair and adequate.	Indifferent & inadequate. Good. Fair and adequate.		
Penhow -	1,843	244	50	4	Newport T.C. -				
Redwick -	2,488	206	50	48	G. W. Railway Co. (bulk)				
Tredunnoek -	1,366	136	35	—	—				
Whitson -	1,086	90	17	—	—				
Wilerick -	437	29	7	—	—				
<b>Monmouth R.D.:</b>									
Cwmcavall -	3,003	224	55	—	—			Wells & springs	Good
Dingestow -	1,972	190	46	—	—				
Dixton Newton -	2,093	136	34	12	Monmouth Gas and Water- works Co., Ltd.				
Llandenny -	2,302	362	85	—	—				
Llandogo -	1,801	531	138	46	Llandogo P.C. -				
Llangattock Vibon	4,313	415	97	30	Lord Llangattock -				
Avel.									
Llangoven -	1,898	118	24	—	—				
Llanishen -	1,575	184	47	—	—	Do.	Fairly good.		
Llantilio Crossenny	6,162	538	130	—	—	Do.	Good.		
Llanvihangel	1,862	145	30	—	—				
Ystern Lewern.									



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1.	2.	3.	4.	5.	6.	7.	8.
<b>Monmouthshire—</b>							
<i>cont.</i>							
<b>Monmouth R.D.—</b>							
<i>cont.</i>							
Mitchel Troy -	1,970	316	70	—	—	Wells & springs	Part not good.
Parc Grace Dieu -	388	15	2	—	—	Do.	Good.
Penallt -	2,375	414	106	—	—	Do.	Fairly good.
Penrhôs -	2,690	228	55	—	—	Wells, springs & rain-water.	Doubtful and part in- adequate.
Pen y Clawdd -	796	63	14	—	—	Wells & springs -	Good.
Raglan -	4,091	610	169	40	Commissioners of H.M. Woods &c.	Do.	Very good.
Rockfield -	1,847	247	58	—	—	Do.	Good.
St. Maughans -	1,329	190	38	—	—	Do.	Fairly good, but distant from some houses.
Skenfrith -	4,885	442	109	11	Skenfrith P.C.	Do.	Fairly good.
Tregare -	2,416	280	57	—	—	Do.	Fairly good.
Trelleck -	5,001	649	172	—	—	Do.	Good.
Trelleck Town -	566	104	22	—	—	Do.	Good.
Wonastow -	1,615	120	25	—	—	Do.	Good.
<b>Pontypool R.D.:</b>							
Glascoed -	1,749	211	49	—	—	Wells & springs	Good and adequate.
Goytre -	3,348	706	170	—	—	Do.	Good and adequate.
Gwehelog -	2,559	283	71	—	—	Do.	Good and adequate.
Gwernesuey -	545	46	11	—	—	Do.	Good and adequate.
Kemey's Commander	508	60	14	—	—	Do.	Good and adequate.
Llanbadoc -	3,460	467	111	30	Usk Waterworks Co., Ltd.	Do.	Good and adequate.
Llandegvethe -	799	79	19	—	—	Do.	Good and adequate.
Llanfrehifa Lower	2,220	1,443	334	45	Pontypool R.D.C.	Do.	Good and adequate.
Llangeview -	1,464	145	39	—	—	Do.	Good and adequate.
Llangibby -	4,489	416	99	—	—	Do.	Good and adequate.
Llanllowell -	800	59	18	—	—	Do.	Good and adequate.
Llanthewy Vach -	1,355	146	36	—	—	Do.	Good and adequate.
Llantrissent -	2,757	220	52	—	—	Do.	Good and adequate.
Mambilad -	2,031	491	93	—	—	Do.	Good and adequate.
Monkswood -	1,126	118	25	—	—	Do.	Good and adequate.
Trostrey -	1,260	157	33	—	—	Do.	Good and adequate.
<b>St. Mellons R.D.:</b>							
Bettws -	1,133	92	20	1	Newport T.C.	Wells & springs	Good and adequate.
Coedkernew -	769	179	36	—	—	Do.	Fair, but limited.
Duffryn -	1,950	284	56	—	—	Do.	Good and plentiful.
Graig -	2,624	1,150	230	157	Newport T.C.	Do.	Good & generally adequate.
Henllys -	2,663	347	70	3	Do.	Do.	Good and plentiful.
Machen Lower -	1,263	212	42	14	St. Mellons R.D.C.	Do.	Good and plentiful.
Malpas -	985	685	137	109	Newport T.C.	Do.	Good and adequate.
Marshfield -	1,273	592	120	103	St. Mellons R.D.C.	Do.	Good and adequate.
Michaelston-y-Vedw	1,093	194	50	—	—	Do.	Good and adequate.
Peterstone Went- llong.	2,086	125	27	24	St. Mellons R.D.C.	Do.	Good and adequate.
Rogerstone -	2,299	3,433	690	644	Newport T.C.	Do.	Good and plentiful.
Rumney -	2,093	930	180	168	Cardiff T.C. (bulk)	Do.	Good and plentiful.
St. Bride's Went- llong.	1,899	195	43	39	St. Mellons R.D.C.	Do.	Good and plentiful.
St. Mellons -	2,591	676	145	80	Cardiff T.C. (bulk)	Do.	Good and plentiful.
St. Woollos -	1,092	281	56	15	Newport T.C.	Do.	Good and plentiful.
<b>MONTGOMERY- SHIRE.</b>							
Llanfyllin B. -	8,143	1,633	390	244	Llanfyllin T.C. and J. Mar- shall Dugdale, Esq.	Wells, springs, rivers & streams	Good and generally suffi- cient.
Llanidloes B. -	618	2,594	662	662	Llanidloes T.C.	Wells -	Satisfactory.
Machynlleth U.D.	1,182	1,945	493	483	Machynlleth U.D.C.	Springs -	Satisfactory, but some- times inadequate.
Montgomery B. -	3,390	983	247	180	Montgomery T.C.	Wells, springs & River Severn.	Good and sufficient.
Newtown and Llan- llwchaearn U.D.	7,302	6,068	1,387	1,333	Newtown and Llanllwchaearn U.D.C.	Wells -	Several doubtful.
Welshpool B. -	20,427	5,917	1,386	806	Welshpool T.C.	Wells and springs	Very fair, but inadequate.
<b>Forde R.D.:</b>							
Aston -	1,146	40	8	—	—	Wells and springs	—
Bausley -	1,653	248	64	—	—	Wells, springs and streams.	—
Berriew -	11,290	1,480	320	—	—	Wells & springs	—
Castle Caereinion	3,824	329	67	—	—	Wells & springs	—
Rural.						Wells, springs and streams.	—
Castlewright -	1,375	119	24	—	—	Wells, springs and streams.	—
Church Stoke -	8,975	1,011	234	—	—	Wells & streams	—
Crigglion -	2,449	136	28	—	—	Wells, springs and streams.	—
Forde -	5,359	746	132	—	—	Wells, springs and streams.	—
Hyssington -	1,901	224	58	—	—	Wells, springs and streams.	—
Leighton -	1,898	322	78	—	—	Wells & springs	—
Llandysil -	4,187	626	139	—	—	Wells, springs and streams.	—
Llanmerewig -	1,022	107	25	—	—	Wells, springs and streams.	—
Middletown -	737	92	23	—	—	Wells, springs and stream.	—
Rhosgôch -	1,128	35	8	—	—	Wells & springs	—
Snead -	579	68	11	—	—	Wells, springs and streams.	—
Trelystan -	1,237	61	13	—	—	Wells, springs and streams.	—
Uppington -	1,014	93	18	—	—	Wells, springs and streams.	—



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<b>Montgomeryshire</b>							
<i>cont.</i>							
<b>Llanfyllin R.D. :</b>							
Careghofa - -	1,284	472	120	—	—	Wells & springs	Good and adequate.
Garthbeibio - -	8,346	155	51	—	—		
Gullsfield Without - -	10,994	1,175	270	—	—	Wells, springs & River Severn.	
Birnant - -	4,176	208	47	—	—	Wells & springs	
Llandrindo - -	3,892	713	174	—	—	Do.	Good.
Llandysilio - -	3,277	569	139	—	—		
Llanerfyl - -	15,175	567	131	—	—		
Llanfair Caereinion - -	16,685	1,806	476	153	Llanfyllin R.D.C. - -		
Llanfechain - -	4,525	538	151	—	—		
Llanfihangel yng Ngwynfa - -	10,831	661	157	5	Llanfyllin R.D.C. - -		
Llangelfan - -	17,098	782	186	—	—		
Llangyniew - -	4,676	420	98	—	—		
Llangynog - -	13,091	518	156	54	Llanfyllin R.D.C. - -		
Llanrhaidr ym Mochnant - -	10,068	795	223	35	Llanrhaidr ym Mochnant Jt. Committee.	Wells & springs	Good and adequate.
Llansantffraid Deythun - -	2,816	465	91	—	—		
Llansantffraid Pool - -	3,471	684	203	—	—		
Llanwddyn - -	17,953	365	86	—	—		
Meifod - -	12,926	1,262	332	—	—		
Pennant - -	2,193	351	100	—	—		
<b>Machynlleth R.D. :</b>							
Caereinion Fechan - -	2,128	92	23	—	—		
Cemmaes - -	13,200	730	179	—	—		
Darowen - -	10,194	667	168	—	—		
Isgarreg - -	3,208	205	59	—	—	Wells, springs & rain-water	Good and adequate.
Llanbrynmair - -	23,127	1,102	268	—	—		
Llanwrin - -	12,064	517	120	—	—		
Penegoes - -	13,058	557	139	—	—		
Pennal (Mer.) - -	8,814	430	119	—	—	Wells and springs	Good, but wells liable to pollution; some distant from houses.
Uwchgarreg - -	10,583	261	59	—	—	Wells, springs & rain-water.	Good and adequate.
Ysgubor y coed (Card.) - -	10,403	418	106	—	—	Wells and rain-water.	Good and abundant.
<b>Newtown and Llanidloes R.D. :</b>							
Aberhafesp - -	4,707	338	78	—	—	Wells and springs	Fair.
Bettws - -	5,429	567	118	25	Richard Williams, Esq. - -	Wells - -	Good.
Carno - -	11,004	749	179	—	—		
Kerry - -	21,654	1,683	385	54	Kerry Village Supply - -		
Llandinam - -	18,565	1,314	301	11	David Davies, Esq., M.P. - -		
Llangurig - -	33,362	1,139	291	—	—		
Llanidloes Without - -	15,694	990	253	—	—		
Llanllugan - -	6,729	311	68	—	—	Wells & springs	Fair.
Llanwnnog - -	10,910	1,541	324	—	—		
Llanwyddelan - -	3,928	314	78	—	—		
Manafon - -	4,330	443	99	—	—		
Mochdre - -	5,107	403	99	—	—		
Penstrowed - -	1,249	116	23	—	—		
Trefglwys - -	18,548	1,158	289	—	—		
Tregynon - -	7,019	566	115	15	David Davies, Esq., M.P. - -		
<b>PEMBROKE-SHIRE.</b>							
<b>Fishguard U.D. -</b>	2,117	2,892	656	383	North Pembrokeshire Water and Gas Co. - -	Springs - -	Good and plentiful.
<b>Haverfordwest B. Milford Haven U.D. -</b>	1,381 877	5,919 6,399	1,353 1,215	1,238 1,140	Haverfordwest T.C. - - Milford Haven U.D.C. - -	Wells and springs Wells and rain-water.	Good and ample. Very good and ample.
<b>Narberth U.D. -</b>	122	1,105	278	278	Narberth U.D.C. - -	—	—
<b>Neyland U.D. -</b>	481	2,423	539	20	Great Western Railway Co. - -	Wells - -	Good and adequate.
<b>Pembroke B. -</b>	4,679	15,673	3,229	3,209	Pembroke T.C. - -	Do. - -	Good.
<b>Tenby B. -</b>	629	4,368	956	954	Tenby T.C. - -	Wells and rain-water.	Good and ample.
<b>Haverfordwest R.D. :</b>							
Ambleston - -	4,072	376	94	—	—		
Boulston - -	1,570	121	22	—	—		
Brawdy - -	5,534	441	103	—	—	Wells - -	Satisfactory.
Camrose - -	8,368	697	158	—	—		
Castelltybe - -	2,587	141	34	—	—		
Cathedral Close of St. David's - -	18	23	7	7	St. David's Water and Gas Co. - -	—	—



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<b>Pembrokeshire— cont.</b>							
<b>Haverfordwest</b>							
R.D.—cont.							
Dale - - -	1,825	295	71	60	Col. R. V. Lloyd Philipps	Wells - -	Satisfactory.
Fishguard South -	2,090	258	65	4	North Pembrokeshire Water and Gas Co.		
Freystrop - - -	1,619	330	76	—	—	Do. - -	Satisfactory, but inade- quate.
Granston - - -	1,711	119	32	—	—		
Hamlet of St. Martin.	1,842	210	46	—	—		
Hamlet of St. Thomas.	728	128	29	—	—		
Haroldston St. Issells.	1,103	217	40	—	—		
Haroldston West -	1,764	125	29	—	—		
Hasguard - - -	1,478	103	19	—	—		
Hayscastle - - -	4,587	308	68	—	—		
Henry's Moat - - -	3,216	230	56	—	—		
Herbandston - - -	1,434	303	57	—	—		
Hubberston - - -	970	244	50	—	—		
Johnston - - -	1,295	272	51	—	—		
Jordauston - - -	1,918	145	31	—	—		
Lambston - - -	1,813	193	43	—	—		
Letterston - - -	2,292	593	152	—	—		
Little Newcastle -	2,755	189	50	—	—		
Llandeloy - - -	1,908	195	44	—	—		
Llanfair Nant y Gof	2,620	138	31	—	—		
Llangwm - - -	1,919	836	201	180	Haverfordwest R.D.C.		
Llanhowell - - -	1,418	91	28	—	—		
Llanllawer - - -	1,245	71	18	—	—		
Llanreithan - - -	1,739	142	31	—	—		
Llanrian - - -	3,801	935	226	—	—		
Llanstinan - - -	1,569	141	37	—	—		
Llanwnda - - -	5,933	2,612	533	395	North Pembrokeshire Gas and Water Co.		
Llanychaer - - -	2,089	117	21	—	—		
Manorowen - - -	1,278	212	40	—	—		
Marloes - - -	2,578	345	79	—	—	Wells - -	Satisfactory.
Mathry - - -	7,283	563	146	—	—		
Morvil - - -	2,603	110	22	—	—		
Nolton - - -	1,548	142	29	—	—		
North Prendergast	976	165	41	—	—		
Pontfaen - - -	686	53	9	—	—		
Puncheston - - -	1,788	203	51	33	Representatives of the late Percy Arden.		
Robeston West - -	1,110	127	27	—	—		
Roch - - -	4,521	399	96	—	—		
Rudbaxton - - -	4,255	419	99	—	—		
St. Bride's - - -	1,700	155	30	—	—		
St. David's - - -	11,246	1,644	437	139	St. David's Water and Gas Co.		
St. Dogwell's - -	3,418	306	66	—	—		
St. Edren's - - -	952	78	19	—	—		
St. Elvis - - -	440	8	3	—	—		
St. Ishmael's - -	3,124	406	98	—	—		
St. Lawrence - - -	1,862	153	36	—	—		
St. Nicholas - - -	2,182	199	48	—	—		
Spittal - - -	2,803	332	79	—	—		
Steynton - - -	6,294	1,335	260	31	B. G. Johns, Esq. - - -		
Talbenny - - -	1,517	215	44	—	—		
Treffgarne - - -	1,213	85	20	—	—		
Uzmaston - - -	2,077	184	45	—	—		
Walton, East - - -	2,076	161	40	—	—		
Walton, West - - -	1,334	351	91	70	Haverfordwest R.D.C. - Mrs. A. E. Colborne - -		
Walwyn's Castle -	3,297	316	67	—	—		
Whitechurch - - -	3,177	698	202	—	—		
Wiston - - -	7,186	640	143	—	—		
<b>Llanfyrnach R.D.:</b>							
Capel Colman - - -	777	155	37	—	—		
Castellan - - -	921	153	39	—	—		
Clydey - - -	8,280	850	231	—	—		
Llanfyrnach - - -	6,359	925	262	—	—	Springs and wells.	Good and fairly sufficient.
Penrydd - - -	2,174	145	41	—	—		
West Gŵrhedyn - -	2,193	189	38	—	—		
<b>Narberth R.D.:</b>							
Amroth - - -	2,691	641	163	—	—		
Begelly - - -	2,523	472	97	—	—		
Bletherston - - -	2,398	192	41	—	—		
Clarbeston - - -	1,658	151	32	—	—		
Coedcanlas - - -	843	80	17	—	—		
Crinow - - -	356	60	12	—	—		
Crunwear - - -	1,703	179	45	—	—	Wells & springs	Good; scarce in summer at Crunwear.
East Williamston -	1,454	421	96	—	—		
Groudre - - -	222	106	23	—	—		
Jeffreston - - -	2,358	376	106	—	—		
Llompeter Velfrey	5,788	912	218	—	—		
Llanddewi Velfrey	4,028	472	113	—	—		
Llandilo - - -	1,171	73	19	—	—		



County, District and Parish.	Area in Acres.	Popula- tion, 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1	2.	3.	4.	5.	6.	7.	8.
<b>Pembrokeshire— cont.</b>							
<b>Narberth R.D.— cont.</b>							
Llandisilio West -	1,737	423	107	—	—	Wells & springs	Good.
Llanfallteg West -	490	57	15	—	—		
Llangan West -	201	24	4	—	—		
Llangolman -	2,941	264	66	—	—		
Llanycefn -	2,725	292	68	—	—		
Llawhaden -	4,610	431	109	—	—		
Lllysyfrân -	1,495	138	34	—	—		
Loveston -	1,249	71	15	—	—		
Ludchurch -	1,648	189	40	—	—		
Maenclochog -	2,459	367	104	—	—		
Martletwy -	3,331	351	81	—	—		
Minweir -	1,956	44	8	—	—		
Mountain -	339	17	4	—	—		
Mynachlogddu -	6,089	386	96	—	—		
Narberth North -	3,007	370	103	—	—		
Narberth South -	3,116	556	127	—	—		
New Moat -	3,123	224	57	—	—		
Newton North -	659	31	5	—	—		
Reynalton -	527	61	15	—	—		
Robeston Wathen -	1,425	230	58	—	—		
St. Issells -	3,787	1,887	454	100	Saundersfoot Water Committee		
Slebech -	4,475	336	71	—	—		
Vorian -	403	30	6	—	—		
Yerbeston -	1,252	79	18	—	—		
<b>Pembroke R.D. :</b>							
Angle -	2,319	519	106	70	Col. R. W. B. Mirehouse	Wells, springs, & rain-water.	Fair.
Bosherston -	1,664	134	30	30	Trustees of Earl Cawdor	—	—
Burton -	3,472	983	252	—	—	Wells, springs, & rain-water.	Fair
Carew -	5,160	712	180	—	—	—	—
Castlemartin -	4,811	293	60	60	Trustees of Earl Cawdor	—	—
Coshston -	2,008	517	135	—	—	Wells, springs, & rain-water.	Fair.
Gumfreston -	1,653	83	16	—	—		
Hodgeston -	735	57	10	—	—		
Hundleton -	4,030	584	165	—	—		
Lamphey -	1,991	268	67	24	C. Mathias, Esq.		
Lawrenny -	2,503	239	56	28	F. L. Phillips, Esq.		
Llanstadwell -	2,830	1,070	261	—	—		
Manorbier -	3,623	603	160	—	—		
Nash -	598	96	23	—	—		
Penally -	2,465	466	99	—	—		
Pwllcrochan -	1,712	137	30	—	—	Wells, springs, & rain-water.	Fair.
Redberth -	304	87	22	—	—		
Rhoscrowther -	2,391	135	28	—	—		
Rosemarket -	1,739	379	105	—	—		
St. Florence -	2,528	320	77	38	T. John, Esq.		
St. Petrox -	1,000	104	19	19	Trustees of Earl Cawdor		
St. Twynells -	1,418	130	31	31		—	
Stackpole Elidor -	2,993	231	54	54		—	
Tenby St. Mary Out Liberty.	1,417	142	40	—	—	Wells, springs, & rain-water.	Fair.
Upton -	338	19	4	—	—	—	—
Warren -	1,211	109	24	24	Trustees of Earl Cawdor	—	—
<b>St. Dogmells R.D. :</b>							
Bayvil -	1,351	71	21	—	—	Wells & springs	Good and adequate.
Bridell -	2,219	225	63	—	—	Do.	Good, but inadequate.
Cilgerran -	2,690	940	284	9	St. Dogmells R.D.C.	Do.	Good, but inadequate.
Dinas -	2,545	673	224	162	Do.	Do.	Good and adequate.
Eglwysrw -	3,701	367	88	—	—	Do.	Good and adequate.
Llanfair Nant Gwyn -	1,694	166	37	—	—	Do.	Good, but inadequate.
Llanfihangel Penbedw.	2,454	301	69	—	—	Do.	Good and adequate.
Llantood -	1,843	167	42	—	—	Do.	Good, but inadequate.
Llanychlwydog -	2,315	127	34	—	—	Do.	Good, but inadequate.
Manordeifi -	4,443	606	175	—	—	Do.	Good, but inadequate.
Meline -	4,499	302	85	—	—	Do.	Good, but inadequate.
Monington -	1,028	51	14	—	—	Do.	Good and adequate.
Moylgrove -	2,489	300	103	36	St. Dogmells R.D.C.	Do.	Good and adequate.
Nevern -	14,735	952	274	—	—	Do.	Good and adequate.
Newport -	4,503	1,148	454	—	—	Do.	Good and adequate.
St. Dogmells Rural	3,844	1,236	402	268	St. Dogmells R.D.C.	Springs	Wholesome and plentiful, but distant from houses.
Whitechurch -	2,519	256	70	—	—	Wells & springs	Good and adequate.
<b>RADNORSHIRE.</b>							
Knighton U.D. -	3,664	1,886	420	387	Knighton U.D.C. -	Wells & springs -	Satisfactory.
Llandrindod Wells U.D.	1,509	2,779	504	495	Llandrindod Wells U.D.C. -	Wells -	Good and abundant.
					Capt. J. M. Gibson Watt -	Do. -	Satisfactory and adequate.
						Springs -	Liable to pollution.
Presteigne U.D. -	2,994	1,141	308	142	Presteigne Water Co., Ltd. -	River Lugg -	Liable to pollution and doubtful.



County, District and Parish.	Area in Acres.	Popula- tion. 1911.	No. of Houses.		Names of Undertakers providing a Supply of Water.	Where there is no Piped Service.	
			Total.	Supplied from Piped Service.		Sources of Supply.	Nature and Sufficiency of Supply.
1.	2.	3.	4.	5.	6.	7.	8.
<b>Radnorshire—cont.</b>							
<b>Colwyn R.D.:</b>							
Aberedw - -	4,861	211	43	—	—	Wells & springs	Good and adequate.
Bettws Disserth - -	1,936	85	17	—	—		
Cregina - -	1,947	78	18	—	—		
Disserth and Trecodl.	6,759	486	87	—	—		
Llanbadarn y Gar- reg.	1,222	34	8	—	—		
Llandrindod Rural	2,322	283	47	4	Llandrindod Wells U.D.C.		
Llanelwedd - -	1,992	459	130	70	L. and N. W. Railway Co.		
Llanfaredd - -	2,251	130	26	—	Builth Wells U.D.C.		
Llansaintffraid in Elvel.	4,717	217	50	—	—		
Rhulen - -	1,572	69	14	—	—		
<b>Knighton R.D.:</b>							
Beguildy - -	16,737	783	186	—	—	Wells, springs and river.	Fair.
Bleddfa - -	4,139	174	45	—	—		
Cascob - -	2,827	51	11	—	—	Wells & springs	
Discoed - -	905	70	19	—	—		
Heyop - -	1,811	158	38	—	—		
Littan and Cascob	1,190	59	14	—	—		
Llananno - -	5,900	217	46	—	—	Wells, springs and river.	
Llanbadarn Fynydd	10,335	451	95	—	—		
Llanbister - -	14,529	651	140	—	—		
Llanddewi Ystra- denny.	7,905	378	77	—	—		
Llanfihangel Rhy- dithon.	5,948	522	82	—	—	Wells & springs	
Llangunilo - -	7,635	476	100	—	—		
Norton - -	3,178	271	60	—	—		
Pilleth - -	1,887	113	22	—	—		
Stanage - -	2,382	165	35	—	—	Wells & springs	
Whitton - -	1,564	104	23	—	—		
<b>New Radnor R.D.:</b>							
Colva - -	4,362	118	24	—	—	Wells & springs	Satisfactory.
Ednol - -	1,182	36	6	—	—		
Evenjobb - -	2,969	245	58	—	—		
Gladestry - -	3,852	249	63	—	—		
Glaswm - -	8,793	269	62	—	—		
Harpton and Wolf- pits.	1,462	115	25	—	—		
Kinnerton, Salford and Badland.	2,281	164	37	—	—		
Llandegley - -	5,241	271	60	—	—		
Llanfihangel Nant Melan.	8,644	138	26	—	—		
Michaelchurch on Arrow.	2,158	90	20	—	—		
Newchurch - -	1,838	97	19	—	—	New Radnor P.C.	
New Radnor - -	3,416	386	92	64	—		
Old Radnor and Burlingjobb.	2,040	341	87	—	—		
Trewern and Gwai- thla.	2,396	89	15	—	—		
Walton and Wo- maston.	1,259	150	40	—	—		
<b>Paincastle R.D.:</b>							
Boughrood - -	1,723	217	50	11	Capt. W. de Winton	Springs & well	Good and sufficient.
Bryngwyn - -	4,587	194	40	—	—		
Clyro - -	7,370	647	150	54	R. H. Baskerville, Esq.	Springs - -	
Glasbury - -	2,863	494	130	15	Capt. J. M. Gibson Watt & other property owners.		
Llanbedr Pain- castle.	3,800	158	40	13	Capt. W. de Winton and other property owners.	Springs and well	
Llanddewifach - -	2,167	75	20	—	Capt. W. de Winton		
Llandeilo Graban - -	3,147	207	50	—	—	Springs - -	
Llanstephan - -	2,334	119	25	—	—		
Llowes - -	3,423	222	65	—	—	Springs - -	
<b>Rhayader R.D.:</b>							
Abbey Cwmhir - -	11,345	379	90	—	—	Springs - -	Satisfactory and sufficient.
Cefnlllys Rural - -	3,956	151	40	—	—		
Llansantffraid Cwmdeuddwr.	32,172	602	240	—	—		
Llanbadarnfawr - -	3,871	549	130	—	—		
Llanfihangel He- lygen.	1,470	94	20	—	—		
Llanwrthwl (Brec.)	20,169	411	94	13	Birmingham T.C.		
Llanymre - -	5,915	794	175	105	Rhayader R.D.C.		
Nantmel - -	16,934	1,042	260	—	—		
Rhayader - -	194	961	321	321	Rhayader R.D.C.		
St. Harmon - -	15,383	626	170	—	—		



## ADDENDA.

**Conway Rural District Council.**—Supplies part of parish of Caerhun (Conway R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring at Roewen Village. The average daily quantity of water available is 12,960 gallons.

*Works.*—Water is filtered. Reservoir:—Near Roewen, 250 gallons. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Occasional examination. Analyst remarks (28th July 1911) that this is a good water. Soft, but no action on lead.

**Wilton Rural District Council.**—Supplies part of the parish of Fovant (Wilton R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from Greensand at Fovant. The average daily quantity of water available is 7,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.

*Quality of Water.*—Good, but hard.

## DEVONSHIRE.

**Mrs. Cornish Bowden.**—Supplies part of parish of Diptford (Totnes R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from slate at Diptford. The average daily quantity of water available is 600 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good.

**C. Hellyer, Esq.**—Supplies part of parish of Marlton (Totnes R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from limestone at Compton. The average daily quantity of water available is 20,000 gallons.

*Works.*—No filtration. No reservoir.

*Quantity of Water supplied.*—Plentiful.

*Quality of Water.*—Good.

## NORTHAMPTONSHIRE.

**Lord Vaux of Harrowden.**—Supplies part of parish of Great Harrowden (Wellingborough R.D.).

*Sources of Supply (Nature and Sufficiency).*—Spring from ironstone at Great Harrowden. Yield not known.

*Works.*—No filtration. Reservoirs:—Great Harrowden, (a) 10,000 gallons, (b) tank, 300 gallons.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Satisfactory.

## RUTLANDSHIRE.

**Earl of Ancaster.**—Supplies parishes of (1) Empingham (part) and (2) Normanton (Oakham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Northampton Sand (1) near Empingham, (2) near Normanton. The average daily quantity of water derived from each source is, respectively, (1) 10,000 gallons, (2) 5,000 gallons.

*Works.*—Water from (1) only is filtered. Reservoirs:—Empingham, 50,000 gallons. Large tanks at Normanton. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Soft, but no action on lead.

**Earl of Gainsborough.**—Supplies parts of parishes of (1) Cottesmore, (2) Exton, and (3) Whitwell (Oakham R.D.).

*Sources of Supply (Nature and Sufficiency).*—Springs from Northampton Sand (1) near Cottesmore, (2) near Exton, and (3) near Whitwell. The average daily quantity of water derived from each source is, respectively, (1) 5,000 gallons, (2) 7,500 gallons, (3) 3,000 gallons.

*Works.*—No filtration. Reservoir:—(1) Small tank near Cottesmore. Pressure is sufficient.

*Quantity of Water supplied.*—Adequate.

*Quality of Water.*—Good. Soft, but no action on lead.



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SURREY.

- C. Heath, Esq.**—Supplies part of parish of Capel (Dorking R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Two springs from Lower Greensand at Coldharbour Common. Yield not known.  
*Works.*—No filtration. Reservoir :—Capel, 3,500 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, and soft.

## SUSSEX, WEST.

- H. G. Reckitts, Esq.**—Supplies part of the parish of Compton (Westbourne R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Well in Chalk at Compton Farm. The average daily quantity of water available is 5,000 gallons.  
*Works.*—No filtration. Reservoir :—Compton, 30,000 gallons.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, but hard.

## WILTSHIRE.

- G. Wilder, Esq.**—Supplies parish of Easton Grey (Malmesbury R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Spring from rock at Easton Grey. Yield not known, but the supply is unlimited.  
*Works.*—No filtration. No reservoir.  
*Quantity of Water supplied.*—Adequate.  
*Quality of Water.*—Good, but hard.
- J. Young, Esq.**—Supplies part of parish of Fisherton de la Mere (Wilton R.D.).  
*Sources of Supply (Nature and Sufficiency).*—Well in Chalk on the Downs near Fisherton de la Mere. Yield not known.  
*Works.*—No filtration. Reservoir :—On the Downs, 25,000 gallons.  
*Quantity of Water supplied.*—The daily average is 3,000 gallons. Supply is constant.  
*Quality of Water.*—Good, but hard.
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