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REPTON RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1948.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

CHICAGO, ILLINOIS

1911

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PUBLIC HEALTH STAFF:

Medical Officer of Health:-

MALCOLM ALLAN, M.B., Ch.B., D.P.H.

Sanitary Inspectors:-

J. CRABTREE, M.S.I.A. (Died 14.7.'48).

G. V. PEACE, M.S.I.A. (Retired 30.4.'48).

F. LOMAS, C.R.S.I., M.S.I.A.

G. B. STOKES, M.S.I.A. (Appointed 1.8.'48).

Engineer & Surveyor:-

A. P. HANCOCK, M.Inst.M. & Cy.E.

Clerical Assistants:-

Miss L. Oakden.

Mrs. J. Taylor (Appointed June, 1948).

Clerk of the Council:-

F. BAILEY, M.B.E.

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To the Chairman and Members of
the Repton Rural District Council.

Mr. Chairman, Madam, and Gentlemen,

I have the honour to present my Annual Report for the year 1948.

On the 5th July extensive and far-reaching changes took place in the Medical practice of this County, as a result of the operation of the National Health Service Act, 1946. The Health Authorities were concerned more particularly with the Local Health Services under Part 3 of the Act. By virtue of Section 26, the Diphtheria Immunisation now rests with the County Council as the Local Health Authority, and the County Medical Officer, Dr. Morgan, has very kindly given the figures for the latter part of the year, so that within the body of the report we have the complete figures for 1948. Only one notification of Diphtheria was received during the year, and after admission to Hospital the notification was withdrawn.

The Ministry of Health state that "the provisional total of deaths from Diphtheria in England and Wales in 1948 was 150, compared with an average of 2,800 deaths annually in the 10-year period 1931-40. For the seventh consecutive year, therefore, since the immunisation campaign was launched, the number of deaths was the lowest ever recorded. The number of cases in 1948 was also the lowest ever recorded, being about 47,000 below the average of 55,000 obtaining in the 10-year period 1931-40. Apart from the avoidance of unnecessary suffering, this has resulted in substantial savings in hospital costs, and has freed medical and nursing personnel for other work."

As a result of the care exercised by food handlers, householders, and the inspection and supervision of the Sanitary Inspectors, no major outbreak of food poisoning occurred in the District, but it can only be by constant care and a high standard of cleanliness that immunity from these outbreaks will be assured. Although the district had a good record for the year, there is not the slightest grounds for complacency, for much has yet to be done to improve the standards, by all who handle food, including the householder.

During the year the Council suffered a grievous loss by the death of the Chief Sanitary Inspector, Jonas Crabtree, on the 14th July, 1948, and the people of the District lost an able and competent Inspector, and many of them a good friend. I was privileged to know Mr. Crabtree for but a comparatively short time, but that sufficed for me to realise his worth, and the Department will honour and respect his memory by striving towards his standard of service to the Council and the people of the Rural District.

There was no serious outbreak of the ordinary infectious diseases in the Rural District. Measles notifications were increased by over 100, but the disease was of a mild type, and caused no undue apprehension in the Sanitary Department. Once again, it is gratifying to record a decrease, though slight, of the Tuberculosis cases, and I would again emphasise the importance of keeping children entirely away from sufferers from open Tuberculosis. This may, of course involve some hardship to the parents and children, but the risk is a very real one indeed, and the temporary hardship is but a small price to pay for the saving of a child's life and health. In the country as a whole thousands of cases of open Tuberculosis are permitted to stay at home and infect children quite unnecessarily.

Mr. G. V. Peace retired on account of ill-health on the 30th April, 1948, after a long period of sickness. His area was the Northern part of the Rural District, and I feel sure he will be pleased to learn that a piped supply will soon be in the area, for he frequently made representations to me about the inadequacy of the water supply.

Within the report is a detailed account of the work of the Sanitary Department by the Chief Sanitary Inspector, and also a very valuable and comprehensive report by the Engineer & Surveyor. I am deeply grateful to both of them for their reports, for without these my report of the Health work of the Council would be very inadequate indeed.

I am giving in tabular form some indication of the County Council's Clinic services available for the people of the Rural District.

It is a pleasure to take this opportunity again of thanking the Chairmen and members of the Committees, General Practitioners, Health Visitors, heads of Departments and staffs, and especially the staff of the Public Health Department.

I am,

Your obedient Servant,

MALCOLM ALLAN,

Medical Officer of Health.

Public Health Department,
Council Offices,
The Poplars,
Rolleston Road,
Burton-on-Trent.

SECTION A.
STATISTICS AND SOCIAL CONDITIONS.

Elevation of the District from 130 to 604 O.D.

Area 65,654 acres.

Registrar-General's estimated population mid 1948 .. 29,780

National Registration enumeration September, 1939 -

Males	15,560
Females	<u>14,847</u>
	<u>30,407</u>

Number of inhabited dwellings end of 1948 8,277

Rateable Value, 31st March, 1948 £148,546

Product of 1d. rate, 31st March, 1948 £614.16.4

VITAL STATISTICS:

Live Births:	Total	M.	F.	
Legitimate	515	273	242	Birth Rate per 1,000 of the estimated resident population .. 18.13
Illegitimate	25	13	12	
	<u>540</u>	<u>286</u>	<u>254</u>	

Still Births:				
Legitimate	16	12	4	Rate per 1,000 total (live and still) births .. 28.7
Illegitimate	-	-	-	
	<u>16</u>	<u>12</u>	<u>4</u>	

Deaths	288	161	127	Death Rate per 1,000 of the estimated resident population 9.6
--------	-----	-----	-----	---

Deaths from puerperal causes (Headings 29 and 30 of the
Registrar-General's Short List):-

	Deaths.	Rate per 1,000 total (live & still) births.
No.29. Puerperal and post-abortion sepsis	Nil.	-
No.30. Other maternal causes	1	1.8

Deaths of Infants under 1 year.

	M.	F.
Legitimate	14	11
Illegitimate	-	3
	<u>14</u>	<u>14</u>

Death Rate of Infants under 1 year of age:-

All infants per 1,000 live births	51.9
Legitimate infants per 1,000 legitimate live births	48.5
Illegitimate infants per 1,000 illegitimate live births	12.0

Deaths from Cancer (all ages)	44
" " Measles	-
" " Whooping Cough (all ages)	1
" " Diarrhoea (under 2 years of age)	3

Causes of Death in Repton Rural District
during the Year 1948.

ALL CAUSES	M. 161	F. 127
1. Typhoid and paratyphoid fevers	-	-
2. Cerebro Spinal fever	-	-
3. Scarlet fever	-	-
4. Whooping Cough	1	-
5. Diphtheria	-	-
6. Tuberculosis of respiratory system	1	3
7. Other forms of tuberculosis	3	1
8. Syphilitic diseases	-	-
9. Influenza	-	-
10. Measles	-	-
11. Acute Poliomyelitis and Polioencephalitis	-	-
12. Acute Infectious Encephalitis	-	-
13. Cancer of buccal cavity and oesophagus: (M), uterus (F)	2	5
14. Cancer of stomach and duodenum	5	1
15. Cancer of breast	-	2
16. Cancer of other sites	18	11
17. Diabetes	-	1
18. Intracranial vascular lesions	12	17
19. Heart Diseases	60	40
20. Other diseases of circulatory system	5	7
21. Bronchitis	6	7
22. Pneumonia	9	2
23. Other respiratory diseases	3	1
24. Ulcer of stomach or duodenum	2	1
25. Diarrhoea (under 2 years)	-	3
26. Appendicitis	1	1
27. Other digestive diseases	5	3
28. Nephritis	4	2
29. Puerperal and post-abortion sepsis	-	-
30. Other maternal causes	-	1
31. Premature birth	7	3
32. Congenital malformation birth injury, Infantile diseases	4	6
33. Suicide	2	-
34. Road traffic accidents	1	-
35. Other violent causes	-	1
36. All other causes	10	8

SECTION B.

DERBYSHIRE COUNTY COUNCIL CLINICS:

DERBY and LITTLEOVER:-

MINOR AILMENTS:

Walker Lane, Derby.

Doctor attends 2nd & 4th
Saturday mornings.

INFANT WELFARE:

The Clinic,
Baptist Chapel Schoolroom,
Thornhill Road, Littleover.

Every Thursday afternoon.
Doctor attends on 2nd and 4th
Thursday afternoons.

DENTAL TREATMENT:

Walker Lane, Derby.

By appointment.
For emergency, Toothache Clinic
is open Monday, Tuesday &
Wednesday all day.

ANTE-NATAL CLINICS:

Walker Lane, Derby.

Every Tuesday all day.
Doctor attends each clinic.

PSYCHOLOGIST:

Walker Lane, Derby.

By appointment.

ORTHOPAEDIC CLINIC:

County Office Yard, Derby.

By appointment.

Repairs or replacement of
glasses for School children.

Attend Minor Ailment Clinic
2nd or 4th Saturday morning for
Form O.S.C.10 from the doctor.

REPTON INFANT WELFARE CENTRE:-

Village Hall

2nd & 4th Tuesdays in each
month, afternoons only.
(Began 13.9.'49).

DERBYSHIRE COUNTY COUNCIL CLINICS (contd).

ALEXANDRA ROAD, SWADLINCOTE:-

<u>MINOR AILMENTS:</u>	Daily, 9.0 a.m. to 10.0 a.m. (except 1st, 3rd, and 5th Fridays in month).
<u>INFANT WELFARE:</u>	Mondays, 10.0 a.m. to 12 noon, and 2.0 to 4.0 p.m. Doctor attends 1st and 3rd Mondays, 2.0 p.m. to 4.0 p.m. for Infant Welfare and Diphtheria Immunisation.
<u>DENTAL TREATMENT:</u>	Tuesdays, 9.0 a.m. to 12 noon, and 1.30 p.m. to 4.0 p.m. Thursdays 9.0 a.m. to 12 noon, and 1.30 p.m. to 4.0 p.m.
<u>ANTE-NATAL CLINIC:</u>	1st, 3rd and 5th Fridays in each month, 9.0 a.m. to 12 noon.
<u>PSYCHOLOGIST:</u>	Attends by appointment only.
<u>ORTHOPAEDIC CLINIC:</u>	By appointment Tuesdays 9.0 a.m. -- to 12 noon, and 1.30 p.m. to 4.0 p.m., through Assistant County Medical Officer.
<u>Repairs or replacement of glasses for School children:</u>	Obtain form O.S.C.10 from the Assistant County Medical Officer.

OVERSEAL INFANT WELFARE CENTRE:-

Methodist Chapel	1st & 3rd Fridays in each month, afternoons only. (Began 16.9.'49).
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SECTION C.

Annual Report of Engineer & Surveyor for Year ending 31st December, 1948.

(1) SEWAGE DISPOSAL.

The majority of the Council's Sewage Disposal Works continue to be in a satisfactory condition, which is verified by the analyses of the final effluents.

Where the Council's housing programme requires small groups of houses to be erected in parishes not having a sewage disposal scheme, a small sewage disposal works will be constructed to treat the sewage therefrom, in accordance with the Ministry of Health's Housing Manual.

Plans are nearing completion for the provision of Sewerage and Sewage Disposal Works in the undermentioned parishes, and will be submitted to the Derbyshire County Council and the Ministry of Health immediately on completion.

Hilton.

The sewage from part of the village discharges direct into the Hilton Brook and is causing concern to the Council. The sewage from the remaining portion of the village flows to and is treated in the War Department Sewage Disposal Works situated within the grounds of the War Department Camp. The new scheme provides for the re-sewering of the whole village and directing it to the above Works, which it is proposed to enlarge.

Netherseal and Overseal.

The present sewage system for the village of Netherseal is in two parts, each part delivering the sewage into an individual Sewage Tank, from which it flows to the nearest ditch.

Complaints are frequently being received of nuisance, and the Council propose to lay down a completely new sewerage system and sewage disposal works.

The present sewage disposal works at Overseal is overloaded, and in addition will be affected by mining subsidence within the next five years.

This works will consequently become redundant, and it is the Council's intention to combine the sewage from Overseal with that of Netherseal at the proposed new works.

Owing to mining subsidence it is very unlikely that further Council houses will be erected in Overseal, and the Council propose to construct a large Housing Estate at Netherseal to supply the needs of both these parishes.

The new Sewage Disposal Works is accordingly being designed sufficiently large to cope with the whole sewage.

Ticknall.

Sewage from a portion of the village discharges into Tanks and thence into a brookcourse.

The new scheme provides for the re-sewering of the village, and the construction of a Sewage Disposal Works.

Newton Solney.

The sewage from this village discharges into a septic tank adjacent the River Trent, the overflow from which discharges therein.

The new scheme provides for the re-sewering of the village and the construction of a Sewage Disposal Works.

SEWAGE DISPOSAL (contd).

Walton-on-Trent.

The sewage from part of the village discharges direct to the River Trent.

The new scheme provides for the re-sewering of the village and the construction of a Sewage Disposal Works.

Coton-in-the-Elms and Rosliston.

With the exception of a small temporary sewage disposal plant constructed to treat the sewage from six Council houses erected in 1946, the sewage from the village of Coton-in-the-Elms discharges into an open brookcourse which passes through the centre of the Village Green and is causing a considerable nuisance.

The sewage scheme provides for the sewerage of the village and directing the sewage to a Pumping Station, from whence it will be pumped to Rosliston, where it will combine with the proposed Rosliston sewers and be treated in a new Sewage Disposal Works.

(2) SEWAGE WORKS.

Linton South Sewage Irrigation Area.-- Mining Subsidence.

The above Irrigation Area has been affected to such an extent due to mining subsidence as to create a pond in the North-west corner.

The amount of settlement between the date it was laid down, namely, 1907 and March, 1948, being as follows:-

North-west Corner	Settlement	4 ft. 6 inches.
North-east "	"	4 ft. 11 "
South-west "	"	2 ft. 7 "
South-east "	"	5 ft. 9 "
Centre of area	"	6 ft. 4 "

Arrangements have been made with the National Coal Board and the Derbyshire County Agricultural Committee that a 9" pipe be laid from the North-west corner to the Brook, in order to drain the pond, the National Coal Board agreeing to contribute 50 per cent. of the cost, without prejudice.

(3) ABATEMENT OF FLOODING.

Parishes of Foston & Scropton and Hatton.

Owing to the dry season the Council have not suffered the inconvenience of floods in the two parishes of Foston & Scropton and Hatton, as occurred in 1946 and 1947.

In the 1947 Annual Report it was stated the Council, together with other Authorities concerned, were negotiating with the Air Ministry, with a view to the construction of large water-ways through the Fould Light Railway embankment, in order to allow the flood water to pass through and not impound on the upstream side of the embankment.

The Council are vigorously proceeding with this matter, but up to the time of this report nothing definite has been received from the Air Ministry.

(4) WATER SUPPLY.

With the exception of the Parish of Woodville, where the yield from the Well is insufficient to meet the demand, and thereby necessitating the Council to purchase in bulk from the Swadlincote and Ashby Joint Water Board, the remaining piped water supplies have been satisfactory and meet the demand.

The whole of the piped supplies are chlorinated, and no adverse reports have been received as to their quality, as indicated on the attached analysis.

WATER SUPPLY (contd).

The waters vary in hardness from 18 to 40. No plumbo-solvent action is experienced.

Proposals for the adequate supply of water for the Parish of Woodville have been submitted by the Council to the Ministry of Health.

Parish of Overseal.

The supply to the village is adequate, the water being purchased in bulk from the South Staffordshire Waterworks Company off their trunk main passing through the village.

The Council's 6 inch main in Moira Road was fractured, due to mining subsidence on the 3rd October, 1948, and was immediately repaired.

Parish of Hartshorne.

The Council obtains an adequate supply of water from a spring situated in "Several Woods", from whence it flows to a 20,000 gallons Reservoir, and is satisfactory.

Parish of Ticknall.

The Council obtains an adequate supply of water from a well, from whence it is pumped to a Reservoir of 20,000 gallons capacity, and is satisfactory. It is proposed to lower the well in order to increase the yield, and construct a pumping station adjacent the well.

Smisby Water Scheme.

A piped water supply for this village has been submitted to the Ministry of Health.

The mains will be 3 inch in diameter, and the water obtained from the Council's Smisby Well.

Parish of Hatton.

This supply is purchased in bulk from the Tutbury Rural District Council.

Owing to the increasing demand on the Tutbury Rural District Council, and the increase in the number of houses, it is not expected that the present supply can continue.

The Council therefore propose to supply this parish from the proposed Dalbury Lees and District Water Scheme.

Dalbury Lees & District Water Scheme.

Owing to the great shortage of water in the twelve northern parishes of the Rural District, the Council submitted a scheme for a piped water supply to the Ministry of Health.

On the 1st December, 1948, one of the Ministry's officers held a Public Inquiry into the Scheme, and immediately the approval has been received tenders will be invited to carry out the work.

The water will be obtained from the Derwent Valley Water Board and purchased in bulk from the Derby Corporation at the junction with their main at Mickleover.

The mains will be from 3" to 9" in diameter, and of sufficient size to meet the Fire Services requirements, the length of mains being 46 miles. The twelve parishes proposed to be supplied being:-

Radbourne, Dalbury Lees, Trusley, Ash, Osleston & Thurstaston, Sutton-on-the-Hill, Barton Blount, Church Broughton, Foston & Scropton, Hoon, Marston-on-Dove, and Hatton.

WATER SUPPLIES (contd.).

Parish	Supplying Undertaker	Total houses	No. of houses supld.	Estd. population supld.	Supply direct to property	Supply off stand-pipes	No. of houses unpiped supply
Ash	-	15					15
Barton Blount	-	11					11
Bearwardcote	-	7					7
Bretby	South Staffs Water .. Swad. & Ashby Jnt Water Board ..	190	175	612	175		10
Burnaston	South Staffs.	56	4	14	4		52
Calke	-	12					12
Castle Gresley	South Staffs.	418	395	1383	395		23
Catton	-	21	6	21	6		15
Cauldwell	South Staffs.	28	21	73	21		7
Church Broughton	Derbyshire C.C.	115	10	35	10		105
Coton-in-the-Elms	South Staffs.	148	126	441	126		22
Dalbury-with-Lees	-	47					47
Drakelow	South Staffs.	57	22	77	22		35
Egginton	do.	144	122	427	122		22
Etwall	do.	211	151	529	151		60
Findern do.	South Staffs. Derby Corp. ⁿ	188	152 12	532 42	152 12		24
Foremarke	Swadlincote & Ashby Jnt. Water Board	15	3	11	3		12
Foston & Scropton	Foston - Repton R.D.C. Scropton- Nil.	143	8	28	8		135
Hartshorne	Hartshorne.. Woodville.. Swad. & Ashby Jnt. Water Board .. Caulkley ..	320 110 12 15	318 110 12 15	1113 385 42 52	268 110 12 15	30	2
Hatton	Repton R.D.C.	416	318	1113	318		98
Hilton	South Staffs.	242	99	347	99		143
Hoon	-	6					6
Ingleby	-	21	21		21		-

WATER SUPPLIES (contd).

Parish	Supplying Undertaker	Total houses	No. of houses suppld.	Estd. population suppld.	Supply direct to property	Supply off stand-pipes	No. of houses unpiped supply
Linton	South Staffs	522	498	1743	498		24
Lullington	do.	38	28	98	28		10
Marston-on-Dove	-	17					17
Mickleover	Derby Corp ⁿ	1376	1343	1700	1343		33
Netherseal	South Staffs	233	161	563	161		63
Newton Solney	do.	125	74	260	74		51
Osleston & Thurstaston	-	69					69
Overseal	In bulk from South Staffs.)	573	659	2307	659		15
Radbourne	-	43					43
Repton Milton	South Staffs.) Swadlincote & Ashby Joint Water Board.)	492	438 8	1533 28	413 5	25 3	46
Rosliston	South Staffs	117	89	312	89		28
Smisby	Repton R.D.C.	100	2	7	2		98
Sutton-on-the-Hill	Private supply.	30	6		6		24
Ticknall	Repton R.D.C.	191	164	574	39	125	27
Trusley	-	24					24
Twyford & Stenson	Stenson - Derby Corp ⁿ - Twyford - Nil.	105	70	245	70		35
Walton-on-Trent	South Staffs	112	81	284	81		31
Willington	do.	332	308	1078	308		24
Woodville	Repton R.D.C.	735	735	2573	596	139	-
Totals -		6308	5769	23600	5147	322	1525

(5) HOUSING.

Work on the construction of Streets and Sewers and Water Mains is proceeding on the first portion of the Etwall Housing Site, and in order not to delay the Council's extensive housing programme the Council houses are being erected at the same time.

The number of houses of various types to be erected by the Council, which have received the approval of the Ministry of Health, up to 31st December, 1948, is 729.

The number of Council houses completed up to 31st December, 1947, was 212.

The following summary gives the progress made for the year ending 31st December, 1948:-

<u>Parish.</u>	<u>No. of Houses completed</u>	<u>No. of houses in course of erection</u>	<u>Type</u>
Etwall		20	Airey.
do.		4	Brick.
Hatton	24	8	Brick.
Linton	42	8	Brick.
do.	33		Aluminium Bungalows.
Mickleover	14	6	Brick.
Netherseal	6		Canadian.
Overseal	20		Aluminium Bungalows.
Repton	4		Brick.
do.	18		Canadian.
Rosliston		10	Brick.
Ticknall		6	Brick.
Woodville & Hartshorne	40	70	Brick.
do.	50		Canadian.
do.		60	Airey.
do.	4		Swedish.
do.	12		Czechoslovakian. (Timber).
Willington	24		Brick.
<u>Totals -</u>	<u>291</u>	<u>192</u>	

Private Development.

Plans for 52 dwellings were approved as Private Development during the year ending 31st December, 1948.

Twenty-six dwellings were completed and 56 were in course of erection, these including properties approved during the previous year but not completed.

The total number of applications and plans submitted to the Council for approval during the year was 322, of which 225 were approved.

To the Chairman and Members of the
Repton Rural District Council.

Mr. Chairman, Madam, and Gentlemen,

I have pleasure in submitting this Report of the Sanitary circumstances in the combined Northern and Southern Districts of the area for the year ending the 31st December, 1948.

For the first two months of the year your late Chief Sanitary Inspector, Mr. J. Crabtree, was in charge of the Department, after which I was asked to assume control owing to Mr. Crabtree's protracted illness, which terminated in his decease on the 14th July, 1948.

At the same time your Inspector for the Northern Area, Mr. G. V. Peace, was also indisposed and was unable to attend to his duties during the first four months of the year, after which he retired on the 30th April, 1948.

From the beginning of March until the 1st August the work of the Department had to be carried out solely by myself. Very able and efficient clerical assistance was rendered by Miss L. Oakden, to whom I am deeply indebted. The position was eased somewhat on the appointment of an additional Sanitary Inspector, Mr. G. B. Stokes, who commenced duties on the 1st August, 1948.

It will be seen from the foregoing remarks that the year has been a very difficult one, and this is reflected in the tabulated figures.

I wish to be associated with the remarks made in the Medical Officer of Health's Report regarding the late Mr. J. Crabtree, and Mr. G. V. Peace, and it is the endeavour of the Department to maintain and uphold the standard of service.

I am, Madam and Gentlemen,

Your obedient Servant,

FRED LOMAS,

Chief Sanitary Inspector.

Analyses of Water.

During the year eight samples of water from private sources and six from public supplies were sent for analysis. Details of samples are as follows:-

PRIVATE SOURCES:-

Description	Chemical Analysis	Bacteriological Examin.	Action taken
<u>ASHE:-</u> Well, Park Farm	Doubtful quality, in view of remote pollution.	Suitable.	Boiling of drinking water advised pending completion of new water scheme.
<u>DALBURY LEES:-</u> Well - "Homelands" Dalbury Lees.	Water undergone contamination to a considerable extent with organic matter of animal origin.	Unsuitable.	Boiling of drinking water advised pending completion of new water scheme.
<u>FOSTON & SCROPTON:-</u> Well - Sunnyside, Scropton Lane.	No evidence of the occurrence of active pollution.	Suitable	Owner notified that water is suitable for drinking purposes.
<u>HILTON:-</u> Well - School Cottages.	-	Unsuitable owing to rather high plate counts	Advised drinking water to be boiled. Mains water to be laid on.
<u>OSLESTON & THURVASTON:-</u> Well - Willow Farm	Undergone contamination, and subsequent purification.	Unsuitable	Occupier advised to boil all drinking water before use, pending completion of new water scheme.
<u>SUTTON-ON-THE-HILL:-</u> Well - Church Lane Cottages	Undergone contamination, and subsequent purification.	Unsuitable	Occupier advised to boil all drinking water before use, pending completion of new water scheme.
<u>TRUSLEY:-</u> Well water direct from main (reservoir supply), The Cottage, Trusley.	No active pollution; excessively hard.	No appreciable pollution.	No action taken.
<u>RADBOURNE:-</u> Well - Park House Cottages.	Undergone contamination, and subsequent purification	Unsuitable	Occupier advised to boil all drinking water before use, pending completion of new water scheme.

Analyses of Water (contd).

PUBLIC SUPPLIES:-

Description	Chemical Analysis	Bacteriological Examination	Action taken
<u>SMISBY:-</u>			
Water from Tollgate House, Boundary	Undergone contamination, with subsequent purification.	Suitable.	-
Raw water from Smisby Pumping Station.	do.	Suitable	-
<u>TICKNALL:-</u>			
Water from Sheffield House (Chlorinated water)	Undergone contamination, with subsequent purification.	Unsuitable, due to lack of chlorination.	Chlorinator temporarily out of order. Immediately rectified.
Water from rising main - Public Well	do. Sample slightly turbid, but colourless.	Suitable	-
<u>HARTSHORNE:-</u>			
Water from Goughs Farm, Manchester Lane.	Undergone contamination, with subsequent purification.	Suitable	-
Raw water from Heading, Several Woods Spring	do.	Suitable	-

DRAINAGE AND SEWERAGE.

Sewerage schemes are urgently required to improve the sanitary conditions existing in the parishes of Coton-in-the-Elms, Drakelow, Netherseal, Newton Solney, Smisby, Rosliston, Ticknall, and Walton-on-Trent.

HOUSING.

Number of inhabited houses at the end of 1948 . 8302

Number of new houses erected during 1948 -

(a) By Local Authority 238 + 53 temporary dwellings
(Prefabs.)

(b) By Private Enterprise 26

SANITARY ACCOMMODATION.

(a) Conversions to water-closets during 1948:-

Privy-middens	..	..	15
Pail-closets	..	..	53

(b) Conversion of privies to pan-closets 20

SCAVENGING.

At the 31st December, 1947, scavenging schemes were in operation in 27 parishes in the District, as follows:-

By direct labour	20 parishes.
Under Contract	7 "

During the year under review (1948) two new refuse collection vehicles were acquired, and the extension of the scavenging services by direct labour was carried out. The parishes of Woodville, Ticknall, Smisby, and Bretby, previously scavenged by contract, were taken over by direct labour, together with two additional parishes which previously did not receive a scavenging service.

The position at the year ending 31st December, 1948, was as follows:-

Number of parishes scavenged by direct labour	..	26
" " " " under Contract	..	3

The Council have the whole scheme under constant review, and having regard to its satisfactory operation, have made provision for its extension.

A cesspool Emptyer is also owned by this Council, and in addition to its operation within the District, is available and used in the areas of adjoining Public Authorities and by private individuals at an agreed charge.

REPTON RURAL SANITARY DISTRICT, 1948.

Names of Inspectors - Messrs. F. Lomas and G. B. Stokes.

Area of District.. 65,654 acres. Estimated No. of houses.. 8,302

New houses erected 1948 (a) By Local Authority 238 + 53 temp. dwellings
(b) By Private enterprise 26. (prefabs)

	Number of Inspections made by Sanitary Inspectors	Number of Notices served		No. of Nuisance Abated with or without Notice.
		Informal	Legal	
<u>CLOSETS AND ASHPITS -</u>				
Defective Privies, Pail Closets & Ashpits (Not for Conversion) ..	25	5		3
Conversion of Privies into W.C's..	76	26		5
Conversion of Pail Closets into W.C's	307	139		50
Conversion of Privies into Pail Closets	21	10		12
Defective Water Closets	84	9	5	10
Provision of Additional Water Closets	9	5		2
Provision of Portable Ashbins ..	93	79	2	39
Dirty Closets	12	9		6
<u>DRAINAGE -</u>				
No Disconnection of Waste Pipe ..				
Defective Waste Pipe, Traps, Inlets & Drains	127	34		18
Drains Obstructed	27	17	1	17
<u>OTHER DEFECTS -</u>				
Paving of Courts and Yards.. ..	51	16	7	-
Roofs, Eaves-Spouts & Downspouts..	213	64	29	36
Sinks	62	7	20	7
Insufficient Ventilation	51	16		
Windows	84	17	21	8
Dampness	35	10	10	-
Water in Cellars	7	-	-	-
Water Supply	136	53	-	25
Overcrowding	28	6	-	1
Foul Condition of Houses	74	20	1	12
Offensive Accumulations	39	22	-	16
Animals improperly kept	3	1	-	1
Pigsties	2			
Smoke Nuisances	13			
Urinals				
Nuisances not specified above ..	669	241	162	84
Totals	2248	806	258	352

	Number on Register.	Inspections made.	Notices Served.	Nuisances Abated with or without Notice.
Dairies, Cowsheds and Milkshops ..	637	128	10	6
Bakehouses	17	12	2	2
Slaughterhouses	19	34	3	3
Offensive Trades	-			
Common Lodging-houses	-			
	673	174	15	11

SHOPS ACT, 1912 - 1936.

Inspections have been carried out of various shops employing assistants, and attention drawn to the provision of the above Acts.

CAMPING SITES.

There are no licensed sites within the District.

SWIMMING POOLS AND BATHS.

There are no public pools or baths in the District.

SMOKE ABATEMENT.

Complaints have been received of the emission of obnoxious fumes and smoke from one factory in the District.

Investigations have been carried out, and proposals submitted for the abatement of the nuisance.

There has been no recourse to legal action under this heading during the year.

ERADICATION OF BED BUGS.

Several complaints were received of infestation of houses in the District. Inspections were made and advice given on the destruction of these vermin. Also supplies of Zaldecide were given to the tenants and the use of the Council's sprayer for disinfection.

SECTION D.

HOUSING ACTS.

Number of houses inspected under Housing Acts	177
Number of houses which were found defective	177
Number of houses where defects have been rectified	48
Number of houses where work is still in hand	129
Total number of visits whilst work was in hand	230
Informal Notices served	87
Statutory Notices served	18

UNFIT HOUSES.

The following is a list of properties on which a Clearance Order or Demolition Orders have become operative. The position at the end of the year was as follows:-

Clearance Area:-

6 houses, The Rookery, High Street, Woodville.

Demolition Orders:-

9 houses, The Rookery, High Street, Woodville.
1 house, Ashby Road, Woodville.
4 houses, Dag Lane, Overseal.
2 houses, Mill Street, Repton.
6 " Milton Road, "
4 " Orme's Row, Hartshorne.
2 " 77 & 79, Burton Road, Castle Gresley.
2 " Main Street, Hartshorne.
1 bungalow, Rosliston Road, Cauldwell.
2 cottages, Clifton Road, Netherseal.
2 Brizlincote Cottages, Bretby.
1 bungalow, Pit Lane, Netherseal.
2 cottages, Brookside, Scropton.
1 cottage, The Scaddows, Hartshorne.
Old Soldier's Cottage, Radbourne.
54, 56 & 58, Hartshorne Road, Woodville.
11 & 12, Gorsey Lees, Overseal.
13, 15 & 17, High Street, Woodville.
1 Cottage, Oaks Lane, Willington.

Demolitions carried out:-

3 bungalows, Sealwood, Netherseal.
1 house, 43, Main Street, Overseal.

RURAL HOUSING SURVEY.

The Survey of houses in the Rural District was delayed by shortage of staff; approximately half the parishes of Repton and Findern were dealt with but not completed during the year.

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:-

(1)(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	472
(b) Number of inspections made for the purpose	...	1095
(2)(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932	...	53
(b) Number of inspections made for the purpose	...	70
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	27
(4) Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	23

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:-

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	...	144
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:-

(a) Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936 -		
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	...	18
(2) Number of dwelling-houses which were rendered fit after service of formal notices -		
(a) By Owners	...	1
(b) By Local Authority in default of owners	...	-
(b) Proceedings under Public Health Acts -		
(1) Number of dwelling-houses in respect of which Notices were served requiring defects to be remedied	...	1
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-		
(a) By Owners	...	1
(b) By Local Authority in default of owners	...	-
(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:-		
(1) Number of dwelling-houses in respect of which Demolition Orders were made	...	1
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	4
(d) Proceedings under Section 12 of the Housing Act, 1936:-		
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	-
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	...	-

4. HOUSING ACT, 1936 (Part IV.) OVERCROWDING:-

(a) (1) Number of dwellings overcrowded at the end of the year	...	} Figures not yet available.
(2) Number of families dwelling therein	...	
(3) Number of persons dwelling therein	...	
(b) Number of new cases of overcrowding reported during the year.	...	216
(c) (1) Number of cases of overcrowding relieved during the year	...	216
(2) Number of persons concerned in such cases	...	772
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding...		1

SECTION E.

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

There are 33 farms in the Repton Rural District registered with the Derbyshire County Council as producers of Tuberculin Tested milk, and 142 farms registered with that Authority for producing Accredited milk, also a dairy registered with the Repton Rural District Council for pasteurising milk.

During the year 10 supplementary licences were granted to retailers of designated milks from premises outside the Repton Rural District to retail within the district.

Twenty-two samples of pasteurised milk were taken from Park Farm Dairies, Ticknall, and twenty-one samples of heat-treated milk from Wilts United Dairies, Egginton.

Four of the samples from Park Farm Dairies proved unsatisfactory, and investigations were carried out at the Dairy, and appropriate action taken.

Burton-on-Trent Corporation farm at Etwall, and Derby Corporation farm at Mickleover, are licensed with the Ministry of Health for the production of Accredited and Tuberculin Tested milks, and the Inspector takes samples there on the Council's instructions for the Ministry. Twenty-three such samples were taken during the year, all with satisfactory results.

COWSHEDS AND DAIRIES.

Total number of Cowsheds in the District	..	1181
Total number of Farms " " "	..	637

Number of Cowsheds:-

1. Newly built	..	..	..	1
2. Where new floors were laid	..	..	..	6
3. Where floors were repaired	..	..	..	2
4. Where feeding troughs repaired or provided	..	..	..	2
5. Where lighting and ventilation were improved	..	..	..	6
6. Where drainage was provided	..	..	..	3
7. Where walls were rendered in cement	..	..	..	2
8. Where approach paving was repaired	..	..	..	4
9. Which were cleaned up	..	..	..	4
10. Where manure dump was moved	..	..	..	3
11. Where manure dump was improved	..	..	..	1

Number of Farms:-

1. Where new dairies were built	..	..	..	3
2. Where dairies were improved	..	..	..	2

INSPECTION AND SUPERVISION OF FOODS.

During the year the following goods were inspected and condemned for human food:-

23 tins	Milk
1 box (94 lbs., including box)	Fish
4 tins	Meats
6 X 1 doz. boxes	Meat Pies
111 tins	Various tinned foods - fruits, vegetables, fish, etc.

A consignment of 24 lbs. of butter was found to be in an unsaleable condition and was returned by the Vendor to the Ministry of Food agents through the usual trade channels, in accordance with the Ministry of Health Circular 2886 Food & Drugs Act, 1938.

In addition 20 - 56 lb. bags of spaghetti were inspected and referred to the Ministry of Food Salvage Division for disposal.

A bag of Hovis flour was reported to have been contaminated by rats, and the residue, 2 qrs. 2 lbs. in weight, was also dealt with by the Salvage Division of the Ministry of Food.

Ice Cream.

There were no new premises registered for the Manufacture of Ice Cream during the year. Nine shops were registered for the retailing of Ice Cream.

Thirteen samples of Ice Cream were taken for bacteriological examination, and nine samples were placed in Grades 3 & 4, and are classed as unsatisfactory under the Provisional Methylene Blue Test.

Where samples have proved unsatisfactory, the matter has been immediately followed up and advice given, and with regard to unsatisfactory samples obtained on ice cream manufactured outside the area, the appropriate Authority has been notified.

Towards the latter end of the year inspections were made of several mobile ice cream vans operating in the district, and it was noted that generally there was lack of provision for washing hands and sterilizing utensils.

Consideration was given to the question of the provision of a standard specification for these vehicles to be brought into operation before the onset of the 1949 season.

Slaughter-houses.

During the year the number of slaughter-house licences granted was 18, and the number of licences granted to slaughter-men was 47.

Apart from the issue of licences to self suppliers of pigs, no slaughtering of animals for sale for human food is carried out in any private slaughter-houses in the Rural District. This latter slaughtering is carried out at public abattoirs in Burton-on-Trent and Derby, and despatched to two distributing centres, one in the Northern part of the district and one in the Southern.

Prescribed particulars on the administration of the
Factories Act, 1937.

1.- INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of			M/c line No. (7)
			Inspec- tions (4)	Written Notices (5)	Occupiers prosecuted (6)	
(i) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities	1	38	11	-	-	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	64	23	-	-	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	Nil	Nil	Nil	Nil	3
TOTALS		102	34	-	-	

2.- CASES IN WHICH DEFECTS WERE FOUND:-

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				No. of cases in which prose- cutions were insti- tuted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	Referred To H.M. Inspect- or (5)	By H.M. Inspect- or (6)		
Want of cleanliness (S.1)	4	1	-	-	-	-	4
Overcrowding (S.2) ..	5	-	-	-	-	-	5
Unreasonable temperature (S.3)	6	-	-	-	-	-	6
Inadequate ventilation (S.4)	7	1	-	-	-	-	7
Ineffective drainage of floors (S.6) ..	8	-	-	-	-	-	8
Sanitary Conveniences (S.7)							
(a) insufficient ..	9	1	1	-	-	-	9
(b) unsuitable or defective ..	10	1	-	-	-	-	10
(c) not separate for sexes ..	11	-	-	-	-	-	11
Other offences against the Act (not including offences relating to Outwork) ..	12	2	2	-	-	-	12
TOTALS	60	6	3	-	-	-	60

RATS & MICE DESTRUCTION ACT, 1919.
INFESTATION ORDER, 1943.

The Council have the services of a full-time Rodent Operator, and routine inspections were made on all refuse tips and sewage works in the district. Also all sewers were treated according to the methods recommended by the Ministry of Food; only minor infestations were found, and these places were given a second treatment.

A large number of private properties were inspected, and advice given on the best methods to deal with those very minor infestations. In some cases the treatment was carried out by the Rodent Operator.

INFECTIOUS DISEASES.

On receipt of notifications of infectious diseases an inspection is made and disinfectants supplied.

SECTION F.

PREVALENCE OF, AND CONTROL OVER
INFECTIOUS AND OTHER DISEASES.

Small-pox: No cases.

Scarlet Fever: Notifications 43. Cases removed to
 Hospital 19. Deaths Nil.

The type of disease continues mild.

The cases occurred in the following
parishes:-

Bretby 7, Overseal 7, Woodville 5, Repton 4,
Castle Gresley 3, Etwall 3, Mickleover 2,
Burnaston 1, Calke 1, Church Broughton 1,
Dalbury Lees 1, Egginton 1, Newton Solney 1,
Smisby 1, Sutton-on-the-Hill 1, Ticknall 1,
Trusley 1, Walton-on-Trent 1, Willington 1.

Diphtheria: Notifications 1. (Woodville). Removed to
 Hospital. (Proved non-diphtheria).

Puerperal Pyrexia: 1 case.

Erysipelas: 2 cases.

Acute Poliomyelitis: 1 case. Admitted to Hospital.

Pneumonia: 10 cases.

Measles: 288 " Removed to Hospital 1.

Whooping Cough: 27 "

Bacillary Dysentery: 5 " County Mental Hospital.

Immunisation against Diphtheria.

	<u>Under 5 years</u>	<u>5 years & over</u>
Total immunisations for year 1948	289	34

CASES OF NOTIFIABLE DISEASES AT VARYING AGES DURING 1948.

Age Groups

	Under one year	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	60-	Total
Small-pox						Nil.							43
Scarlet Fever	1	-	1	2	5	21	9	4					-
Diphtheria							1 (Proved Non-Diphtheria)						
Enteric Fever:- Typhoid Para-typhoid						Nil.							
Puerperal Pyrexia									1				1
Pneumonia						2	1	1	1	-	3	2	10
Bacillary Dysentery						2			1	2			5
Erysipelas											1	1	2
Acute Poliomyelitis									1				1
Measles	6	24	28	23	40	143	16	3	3	2			288
Whooping Cough	2	5	5	6	-	8	1						27

Particulars of new cases of Tuberculosis and of deaths
from the Disease in the area during 1948.

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	1						1	
1 - 5			1					
5 - 16		1	2					
16 - 25	4							
25 - 35	5	2		2		1		
35 - 45	1			2			1	1
45 - 55	2	2						
55 - 65								
65 and over	1				1			
Totals	14	5	3	4	1	1	2	1

Cases treated in Sanatoria, etc.

County Sanatorium, Chesterfield	5
Bretby Orthopaedic Hospital	2
Burton Infirmary	5
Derby Royal Infirmary	1
Preston Hall	1
Douglas House, West Southbourne, Bournemouth	1
Derby Borough Isolation Hospital	1



