

## **Annual report for the year ending 25th March, 1898.**

### **Contributors**

Greenwich (London, England). Board of Works.  
Roberts, Henry William.  
Hartt, Charles Henry.

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BOARD OF WORKS  
FOR THE  
GREENWICH DISTRICT.

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Annual Report  
FOR THE YEAR ENDING 25th MARCH, 1898.

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- List of Members of the Board, and of the several Officers and Committees ;
- Report of Proceedings of the Board ;
- Reports of Medical Officers ;
- Statement of Engineer ;
- „ Road Surveyor ;
- „ Contracts entered into ;
- „ Moneys received and expended during the Year ; and
- „ Arrears of Calls, and other Moneys and Liabilities of the said Board, on the 25th March, 1898.

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PRINTED BY ORDER OF THE BOARD.

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Greenwich :  
EDWARD G. BERRYMAN & SONS  
STEAM WORKS, BLACKHEATH ROAD.

BOARD OF WORKS

GREENWICH DISTRICT

Annual Report

FOR THE YEAR ENDING 31st MARCH 1922



List of Members of the Board and Officers and Committees

Report of the Board of Works for the year ending 31st March 1922

Report of the Committee on the State of the District

Report of the Committee on the State of the District

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Report of the Committee on the State of the District

# Board of Works for the Greenwich District.

## List of Members and Officers of the Board, JUNE, 1898.

### MEMBERS ELECTED BY THE VESTRY OF GREENWICH.

NAME.	ADDRESS.
Mr. ARTHUR ROBERT ALDHAM .....	"Point View," The Grove, Blackheath,
„ WILLIAM FOX BATLEY .....	"Oakdene," Vanbrugh Park, Blackheath
Dr. GEORGE HUGHES CABLE .....	1, Gloucester-place
Mr. FRANCIS ROBERT DUTTON .....	46, Walnut Tree-road
„ WILLIAM EMANUEL FELTHAM .....	58, Royal-hill
„ G. W. GIFFARD HOOPER .....	28, Park-place
„ DONALD McCALL .....	32, South-street
„ WALMAN BRADLEY MOULE .....	28, Park-street
„ CHARLES NEWBERY .....	32, Annandale-road
„ ALFRED JAMES RANDALL.....	23, Park-place
„ GEORGE HENRY BARON TAYLOR.....	13, Devonshire-road
„ CHARLES RITCHIE WYMER .....	13, The Circus
„ JOHN ASHBY .....	4, Nelson-street
„ GEORGE THOMAS BARON .....	22, South-street
„ FREDERICK CHARLES BINGHAM.....	12, South-street
„ HENRY BRIDEL .....	3, Union Wharf
„ ROBERT FOWLER .....	1, Sidmouth-place, Sigismand- street
„ JOSEPH HEATH .....	22, Ashburnham-road
Rev. BROOKE LAMBERT, M.A., B.C.L. ....	The Vicarage, Greenwich-park
Mr. GEORGE LEDGER .....	3, Mycenæ-villas, Mycenæ-road
„ ARTHUR ROBERT OWEN.....	Asphodel-house, 1, Maze-hill
„ WILLIAM STERNDALÉ SCARR .....	3, Ingleside-grove
„ EDGAR SYDNEY.....	9, The Circus
„ GEORGE CHARLES WHIBLEY ..	82, South-street
„ GEORGE HENRY EDWIN BISHOP.....	66, Blackheath-hill
„ RICHARD BLAGROVE .....	126, Woolwich-road
„ FREDERICK GEORGE COX.....	12, The Grove, Blackheath
„ THOMAS PERCY EVANS .....	8, Halstow-road
„ OTTO GERMER.....	37, Church-street
„ HENRY GEORGE HAYTER .....	163, Trafalgar-road
„ ROBERT HOPWOOD .....	14, Brand-street
„ PHILIP MOBSBY.....	23, Greenwich-road
„ WALTER RICHARDSON .....	60, Annandale-road
„ ROBERT ERNEST SMART.....	13, Bridge-street
„ WILLIAM STIMSON .....	6, Woodlands-road
„ JAMES PEHELL WATTS .....	26, Burney-street

### MEMBERS ELECTED BY THE VESTRY OF ST. NICHOLAS, DEPTFORD.

NAME.	ADDRESS.
Mr. ALBERT AKAM .....	73, Creek-road
* „ JOHN TORRANCE .....	18, Mornington-road
„ ARTHUR GOLDING .....	14, Rycroft-road, Lewisham
„ HENRY SIDNEY SKINNER.....	13, Creek-road
„ WILLIAM HITCHCOCK.....	97, Watergate-street
„ THOMAS EDWARD ROBERTS.....	204, High-street

\* Resigned.

## MEMBERS ELECTED BY THE VESTRY OF ST. PAUL, DEPTFORD (INCLUDING HATCHAM).

NAME.	ADDRESS.
Col. BLAIR ABBOTT .....	76, Wickham-road
Mr. JOHN ANDERSON .....	30, Leylang-road
„ BENJAMIN AVERY .....	24, Lewisham High-road
„ CHARLES CHILDS .....	27, Cranbrook-road
„ GEORGE CLARIDGE .....	259, Queen's-road
„ SAMUEL J. CLEGG .....	168, New Cross-road
„ JOHN JAMES DOWNES .....	32, Cranfield-road
„ CHARLES GALLEHAWK .....	72, Evelyn-street
„ SAMUEL GILES .....	86, Tyrwhitt-road
„ FREDERICK WILLIAM HALL .....	32, Czar-street
„ CHARLES HENRY HEARN .....	3, St. James'
„ HORATIO KEMP .....	179, Queen's-road
„ FREDERIC G. LANDON, M.A., J.P. ....	59, Tressillian-road
„ WILLIAM PEROU .....	17, Greenwich-road, Greenwich
„ SIDNEY SCHOLFIELD .....	7, Scawen-road
„ WILLIAM THOMAS SMITH .....	2, Ommaney-road
„ FREDERICK STEER .....	69, Etta-street
„ CHARLES WATKINS .....	92, London-street, Greenwich
„ JAMES WILLIAMS .....	121, Grove-street
„ ALEXANDER ANDERSON .....	9, Penmartin-road
„ WALTER EDWIN BARNETT .....	9, Regivald-road
„ EDWARD BOOT .....	7, Penmartin-road
„ STEPHEN MARTIN BRIDGE .....	109, Evelyn-street
„ THOMAS HENRY FRY .....	57, Wickham-road
„ JOHN HAMLYN .....	50, Bousfield-road
„ DANIEL HINES .....	123, Breakspears-road
„ JESSE JACOB .....	60, Wickham-road
„ GEORGE KING .....	196, Queen's-road
Sir SAMUEL SAYER LEWES .....	163, Lewisham High-road
Mr. JAMES MORLEY .....	1, Crescent-road
„ HENRY NUDING .....	16, Clifton-road
„ GEORGE PITT .....	22A, Evelyn-street
„ GEORGE SIMMONDS .....	58, Pepys'-road
„ EDWARD SIMPSON .....	186B, New Cross-road
„ WILLIAM RICHARD SMITH .....	19, Tressillian-crescent
„ ROBERT SOPER .....	158, Saint John's-road
„ JAMES STAGG .....	11, Cliff-terrace
„ WALTER SUMMERS .....	69, Monson-road
„ JOSEPH ALWIN .....	23, Ashmead-road
„ HENRY BARE .....	30, Endwell-road
„ EDWIN GEORGE GOODSON BAX .....	117, Edward-street
„ WILLIAM HENRY BECK .....	45, Tressillian-road
„ JAMES NAPIER BUTLER .....	12, Sharratt-street
„ JOHN EDWARD CHILD .....	130, Lewisham High-road
„ HENRY GEORGE DELATOCHE .....	125, Pepys'-road
„ EDWIN FISHLEY EDDY .....	8, Clyde-street
„ BENJAMIN TOM HALL .....	3, Childeric-road
„ HENRY KEYLOCK .....	36, Scawen-road
„ EDWARD JOSIAH KNIGHT .....	86, Manor-road
„ GEORGE J. C. LEIDIG .....	48, The Broadway
„ THOMAS MULLOCK .....	71, Etta-street
„ FREDERICK JOHN OLDMAN .....	85, Arbuthnot-road
„ WILLIAM PARR .....	45, Amersham-vale
„ WILLIAM PIERPOINT .....	71, Lewisham High-road
„ THOMAS PRIOR .....	1, Hoopwick-street
„ WILLIAM HENRY WALKER .....	77, Kitto-road
„ JOHN VENN YONGE .....	182, Malpas-road



## OFFICERS OF THE BOARD.

### CLERK,

Mr. JAMES SPENCER .....82, London-street, Greenwich

### TREASURER,

„ ALEXANDER WILLIAM LAIDLAW,  
London & County Bank,  
Church-street, Greenwich

### MEDICAL OFFICER OF HEALTH FOR GREENWICH,

„ CHARLES HENRY HARTT.....80, London-street, Greenwich

### MEDICAL OFFICER OF HEALTH FOR DEPTFORD,

„ HENRY WILLIAM ROBERTS!...166, Lewisham High-road

### ENGINEER AND SURVEYOR,

„ ERNEST J. HEWARD .....52, Wickham-road, Brockley

### ROAD SURVEYOR,

„ JAMES RICHARD HEWARD,.....52, Wickham-road, Brockley

### PUBLIC ANALYST,

„ ROBERT HENRY HARLAND .....Plough-court, 37, Lombard-street,  
E.C.

### AUDITOR,

„ R. HUGH SLOLEY.....3, King-street, Cheapside, E.C.

### ACCOUNTANT,

„ F. DUDLEY KEEN.....25, Gilmore-road, Lewisham

### ASSISTANT CLERK,

„ VIVIAN ORCHARD .....124, Blackheath-hill, S.E.

### ASSISTANT ENGINEER,

„ THOMAS CORFIELD.....31, Howson-road, Brockley

### SANITARY INSPECTORS, GREENWICH,

„ CHARLES TURLE WILSON .....37, Burney-street, Greenwich  
„ ROBERT FISHER .....56, Calvert-road, Greenwich  
„ ARTHUR E. BACHE .....15, Dornberg-road, Greenwich

### SANITARY INSPECTORS, DEPTFORD,

„ THOMAS BORSBERY .....2, Florence-road, Deptford  
„ THOMAS TURNER.....41, Ashmead-road, St. John's  
„ ROBERT D. J. SIMPSON....." Hatch Villa," 2, Rokeby-road,  
Brockley  
„ CHARLES WILLIAM  
NETTLETON...8, Strickland-street, St. John's  
„ ALFRED PRIEST .....22, Batsford-road, St. John's  
„ PHILIP SHELLEY.....26, Egmont-street, New Cross

### CARETAKER,

„ SAMUEL SOLE .....Offices of the Board, 141, Green-  
wich-road, Greenwich

## COMMITTEES OF THE BOARD.

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*A Committee for the Parish of Greenwich, consisting of the Members of the Board elected by the Vestry of Greenwich.*

*A Committee for the Parish of St. Paul, Deptford, consisting of the Members of the Board elected by the Vestry of St. Paul, Deptford.*

*A Committee for the Parish of St. Nicholas, Deptford, consisting of the Members of the Board elected by the Vestry of St. Nicholas, Deptford.*

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### FINANCE COMMITTEE.

Mr. FREDK. CHAS. BINGHAM	Mr. SAMUEL GILES
„ G. W. GIFFARD HOOPER	„ JOHN HAMLYN
„ ALFRED J. RANDALL	„ DANIEL HINES
„ JAMES PECHELL WATTS	„ HORATIO KEMP
„ GEO. CHARLES WHIBLEY	„ WM. RICHARD SMITH
„ JOHN ANDERSON	„ ALBERT AKAM
„ WILLIAM H. BECK	„ ARTHUR GOLDING
„ HENRY G. DELATOUCHE	„ THOMAS E. ROBERTS

Mr. FREDERIC GEORGE LANDON (*Ex-Officio*).

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### DISTRICT COMMITTEE.

Mr. G. W. GIFFARD HOOPER	Mr. HORATIO KEMP
„ DONALD McCALL	„ HENRY KEYLOCK
„ CHARLES NEWBERY	„ HENRY NUDING
„ JAMES PECHELL WATTS	„ GEORGE SIMMONDS
„ CHAS. RITCHIE WYMER	„ WM. RICHARD SMITH
„ JOHN ANDERSON	„ THOMAS E. ROBERTS
„ SAMUEL GILES	„ HERBERT S. SKINNER

Mr. FREDERIC GEORGE LANDON (*Ex-Officio*).

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### CHAIRMAN OF THE BOARD.

Mr. FREDERIC GEORGE LANDON, M.A., J.P.

BOARD OF WORKS  
FOR THE  
**GREENWICH DISTRICT.**

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FORTY-SECOND ANNUAL REPORT  
OF THE BOARD,

FOR THE YEAR ENDED THE 25<sup>TH</sup> MARCH, 1898,

*Of the Proceedings of the Board in the Execution of the Acts under which it is constituted, and of the Proceedings taken by its Authority for the Removal of Nuisances, and the Improvement of the Sanitary Condition of the District.*

THE works of Sewerage and Paving completed during the year are specified in the annexed Statements signed by the Engineer and Surveyor, and Road Surveyor of the Board, respectively.

The statistics relating to the health of the District for the year ending the 31st December, 1897, will be found in the accompanying Reports of the Medical Officers of Health.

During the year, amongst other things, the Sanitary Inspectors inspected 5,673 houses. Notices to perform Sanitary works were served as hereunder detailed, viz. :—To provide proper and sufficient water supply and water supplying apparatus to and for water closets, 843 ; to provide proper and sufficient water



supply for domestic use, 144 ; to provide water supply to urinals, 11 ; to amend, repair, and make good, defective water fittings, 245 ; to abolish cisterns in unsuitable positions, 25 ; to provide proper and sufficient covers to cisterns, 192 ; to amend and repair defective covers to cisterns, 70 ; to cleanse foul and dirty cisterns, 46 ; to amend, repair, and make good cisterns, 4 ; to open up, examine, amend, repair, and reconstruct drains, 601 ; to clear, cleanse, and purify drains, 327 ; to properly and sufficiently trap surface inlets to drains with gully traps, 1,252 ; to properly and sufficiently ventilate drains, 164 ; to construct proper and sufficient drains to carry off surface water from yards, 364 ; to construct proper and sufficient drains to carry off surface water from areas, 73 ; to construct proper and sufficient drains to stables, 21 ; to provide a water closet to a school, 1 ; to provide and fix soil pipes to water closets, 161 ; to remove soil pipes to positions outside water closets, 54 ; to amend and repair soil pipes, 28 ; to properly and sufficiently ventilate soil pipes, 231 ; to properly and sufficiently ventilate water closets, 13 ; to provide proper and sufficient soil pans and traps to and for water closets, 990 ; to amend and repair defective putty joints to water closets, 14 ; to amend and repair defective flush pipes to water closets, 20 ; to properly and sufficiently trap water closet pans, 53 ; to clear and cleanse foul and dirty water closet pans, 160 ; to amend and repair defective seats and risers of water closets, 92 ; to disconnect sink waste pipes from drains, 282 ; to disconnect rain-water stack pipes from drains, 321 ; to disconnect bath waste pipes from drains, 50 ; to disconnect lavatory waste pipes from drains, 23 ; to disconnect an overflow pipe of cistern from the drain, 1 ; to provide and fix rain-water stack pipes, 25 ; to amend and repair defective rain-water stack pipes, 176 ; to amend and repair defective waste

pipes, 97 ; to provide and fix eaves guttering, 51 ; to amend and repair defective eaves guttering, 287 ; to amend and repair defective roofs, 241 ; to amend and repair defective flooring, 138 ; to amend and repair defective walls, 57 ; to amend and repair defective ceilings, 58 ; to amend and repair defective water closets, 226 ; to amend and repair defective ventilating pipes to drains, 8 ; to abolish water closets in unfit situations, and provide proper and sufficient water closets in lieu thereof, 20 ; to abate the nuisance caused by the dampness of walls, 293 ; to abate the nuisance caused by overcrowding, 68 ; to abate the nuisance caused by the keeping of animals, 22 ; to abate the nuisance caused by the issue of black smoke from chimney shafts, 57 ; to provide proper and sufficient ash-pits, 732 ; to amend and repair defective ash-pits, 155 ; to cleanse, limewash, and purify premises throughout, 398 ; to amend, repair, cleanse, limewash and purify premises throughout, 349 ; to cleanse, limewash and purify rooms, 118 ; to cleanse, limewash, and purify ceilings, 199 ; to cleanse, limewash and purify walls, 207 ; to cleanse, limewash and purify water closets, 81 ; to pave yards with a hard, durable and impervious material, 956 ; to pave forecourts with a hard, durable and impervious material, 63 ; to pave areas with a hard, durable and impervious material, 85 ; to pave stables with a hard, durable and impervious material, 23 ; to provide proper receptacles for dung, 46 ; to remove accumulations of filth and manure, 105 ; to discontinue depositing manure upon premises, 2 ; to discontinue using underground rooms as living rooms, 6 ; to cleanse, limewash and purify bakehouses, 176 ; to cleanse and limewash a slaughter house, 1 ; to provide proper suitable and sufficient accommodation in the way of sanitary conveniences for the use of the workpeople employed in or in attendance at workshops and buildings, 19 ; to

cleanse a workshop, 1 ; to make premises fit for human habitation, 36 ; to re-drain houses, 64 ; to abolish cesspools, 17 ; and to abate the nuisance arising from foul urinals, 20.

The above-mentioned notices were, in most cases, complied with, but proceedings were taken against the owners of twenty-five houses (twenty-four in Deptford and one in Greenwich), for neglecting to execute such works and do such things as were necessary for the purpose of abating the nuisances arising upon such premises. Upon the hearing of the summonses in relation to sixteen of these houses, the magistrate made orders, under the provisions of the Public Health (London) Act, 1891, prohibiting their use for human habitation, and such houses were accordingly closed ; and, with regard to thirteen of such houses, the magistrate ordered the owner thereof to pay costs amounting to £8 17s. The proceedings in relation to two houses resulted in the magistrate making orders for the abatement of the nuisances, and the necessary works were carried out, in accordance with such orders. The owners of the remaining seven houses, in consequence of the proceedings taken against them, executed the required works to each of such houses, to the satisfaction of the Sanitary Inspector making the complaint, and the summonses were accordingly withdrawn.

Proceedings were also taken against the occupier of a house, and the occupier of a room, in Deptford, and against the occupier of a room in Greenwich, for permitting such house in the one case, and the rooms in the two other, to be so overcrowded as to be injurious or dangerous to the health of the inmates, with the result that, in each case, the magistrate made an order for the abatement of the nuisance, and the nuisances were abated accordingly.

Proceedings were also taken against the owner of a house in Greenwich, for neglecting to provide an additional water-closet to and for that house, and he was fined £3, and 7s. costs, and subsequently complied with the Board's requirements in this respect.

Proceedings were also taken against the owner of a house in Deptford, for neglecting to provide to and for such house, a sufficient ash-pit, and, upon the hearing of the complaint, it being proved that, since the issue of the summons, he had made the required provision, the magistrate fined him 10s. and 2s. costs.

Proceedings were also taken against a person for, in newly fixing an apparatus in connection with an existing water-closet to a house in Deptford, not executing such work in compliance with the requirements of the Bye-laws made by the London County Council, under section 39 (1) of the Public Health (London) Act, 1891, which resulted in the apparatus being so amended as to comply with those Bye-laws.

Proceedings were also taken against the occupiers of a factory in Deptford, for allowing a chimney at those works to send forth black smoke, in such a quantity as to be a nuisance, and they were fined 20s., and 2s. costs. Proceedings of a similar nature were also taken against the occupiers of a factory in Greenwich, and they were fined £4, and 2s. costs.

During the year, 428 newly-erected houses in the district, viz. :—242 in Greenwich and 186 in Deptford, were inspected, for the purpose of ascertaining if they were provided with a proper and sufficient supply of water, and such being found to be the case, the Sanitary Authority granted a certificate to that effect, in respect of each of such houses.

During the same period, 1,131 rooms and the following articles were disinfected after cases of infectious disease, namely : 788 beds, 1,647 pillows, 205 bolsters, 131 palliasses, 266 mattresses, 705 sheets, 966 blankets, and 3,047 odd articles, making 7,755 articles in all. It was found necessary during the same period to destroy 12 beds, 25 palliasses, 5 pillows, 8 mattresses, 2 bolsters, 7 cushions, 1 blanket, 1 carpet, and 19 odd articles, making together 80 articles, which had become infected. During the same period a cab, which had carried a person suffering from an infectious disease, was disinfected ; and ten class rooms and a corridor at one of the Board Schools in the district were similarly treated, in consequence of their having been an epidemic of measles amongst some of the children attending that School.

During the year the premises in East Street, Greenwich, acquired by the Board for the purpose of providing shelter and accommodation for the temporary use of such inhabitants of the district as might be compelled to leave their dwellings for the purpose of enabling such dwellings to be disinfected by the Sanitary Authority, were not once so used. These premises were during that period repaired, repainted and redecorated.

During the year the Board registered eight houses in the Parish of Greenwich as Lodging Houses, under the Bye-laws made by the Board, under the provisions of section 94 of the Public Health (London) Act, 1891, with respect to houses let in lodgings, or occupied by members of more than one family.

During the year two Underground Public Sanitary Conveniences and Lavatories, which had been constructed for the use of both sexes, namely, one at the northern end of South Street, Greenwich, and one at New Cross Gate, Deptford, were opened ;

the Board, under the provisions of the 45th section of the Public Health (London) Act, 1891, letting each of such Conveniences, upon certain conditions, to Mr. George Jennings, of Lambeth Palace Road, London, S.E., for a term of three years. An old and defective Public Urinal at the southern end of Clifton Hill, Deptford, was removed and a new cast-iron circular one, fitted with glazed stoneware urinal basins and marble divisions, and with automatic flushing arrangement, provided in lieu thereof.

During the year the land which had been added to the Saint Nicholas, Deptford, Recreation Ground, and which had been properly fenced in and provided with the necessary water closets and a urinal and shelter, was opened to the public. This Ground is fitted with gymnastic apparatus, provided by the Metropolitan Public Gardens Association, for the use of the children frequenting it.

During the year the Board accepted a tender for the execution of the required works in connection with the improvement it had previously determined to effect by widening the footway at the junction of Greenwich Road and South Street, and on the western side of South Street, from Greenwich Road to the southern boundary wall of Queen Elizabeth's College, and these works were proceeded with.

During the year the Board determined to carry out an improvement by opening up the northern end of Watson Street, Deptford, and carrying through that street as a public thoroughfare into Douglas Street, and entered into an arrangement with the owner of the property at the southern end of Watson Street for affecting a further improvement by widening a passage connecting Watson Street with Charles Street, and the necessary negotiations

for acquiring the two houses known as Nos. 50 and 50a Douglas Street, required for the purpose of carrying out the first mentioned improvement are now in progress.

The Board also determined to acquire certain land in Greenwich Marshes for the purposes of the Parish of Greenwich, and the necessary steps are being taken for this purpose.

During the year the Board erected, after obtaining permission from the owners of property to do so, four ventilating pipes from the sewers against four houses in the Parish of Greenwich.

During the year the Board gave permission to the London County Council to erect two steel ventilating columns, namely, one on the footway on the western side of Church Street, Deptford, in the recess by the Saw Mills, and one on the footway on the eastern side of Erlanger Road, opposite the side entrance to No. 45, in that Road, for the purpose of ventilating the Council's sewers in those streets, upon condition that the open gratings in the roadways of those streets, adjoining where such steel columns would be erected, were effectually closed, and these works were carried out by the Council accordingly.

The attention of the London County Council having been called to the nuisance arising from the emanation of sewer gas from the open sewer grating, in connection with the Council's main sewer, in the New Cross Road, by the "Marquis of Granby" P.H., and the Council being requested to do what was necessary for the purpose of abating such nuisance, a communication was received from the Council stating that having obtained permission to erect a ventilating pipe against the wall of No. 233, New Cross Road, they

would put the work in hand with the least possible delay, and such ventilating pipe was subsequently erected.

During the year the Sanitary Inspectors collected, and the Public Analyst analysed 199 samples, consisting of the following articles, viz. :—

Butter	...	...	...	...	88
Milk	...	...	...	...	65
Separated Milk	...	...	...	...	2
Skim Milk	...	...	...	...	1
Coffee	...	...	...	...	19
Mustard	...	...	...	...	10
Pepper	...	...	...	...	7
Lard	...	...	...	...	4
Arrowroot	...	...	...	...	2
Sugar	...	...	...	...	1
					<hr/>
					199
					<hr/> <hr/>

Proceedings were taken against the sellers of four samples of butter, one of which was certified to consist entirely of margarine, and the others to be admixed with 92, 77 and 25 per cent. of margarine respectively, and fines were inflicted amounting together to £7.

A summons was also issued against the seller of a sample of butter, which was certified to consist entirely of margarine, but the police were unable to serve the summons, as the seller had left the premises where the Inspector made the purchase, and could not be found elsewhere.

During the year there were 24 Ordinary and Special Meetings



of the Board, and the undermentioned Committees and Sub-Committees held meetings as follows :—

Finance Committee	...	...	...	24
St. Paul, Deptford, Committee	...	...	...	22
Greenwich Committee	...	...	...	22
St. Nicholas, Deptford, Committee	...	...	...	16
District Committee	...	...	...	4
Works and General Purposes Sub-Committee				33
Saint Paul, Deptford, Sanitary Sub-Committee				24
Greenwich Yard Sub-Committee	...	...	...	24
Greenwich Viewing Sub-Committee			...	3
Greenwich Quarterly Accounts Sub-Committee				4
Sub-Committee appointed to consider the application made by the Blackheath and Greenwich District Electric Light Company, Limited, for a Provisional Order to supply electricity in the Parish of Greenwich	...	...	...	3
Sub-Committee appointed to consider as to desirability of erecting a Dust Destructor for the Parish of Greenwich	...	...	...	3
Sub-Committee appointed to consider tenders for repairing and painting the street orderly barrows	...	...	...	1

Making a total of 207 meetings during the year.

**R E P O R T**  
OF THE  
MEDICAL OFFICER OF HEALTH  
FOR  
**GREENWICH.**

---

*To the Greenwich District Board of Works.*

GENTLEMEN,

I have the honour to present to you my fifteenth Annual Report, for the 52 weeks ending January 1st, 1898.

I have to report that 1,885 Births (938 Males and 947 Females) were registered in the Greenwich District, details of which appear in the tabulated form No. 1.

The number of Deaths was 1,422 (822 Males and 600 Females) equivalent to an annual rate of 23·0 per 1,000 persons living (including the Greenwich Union and Infirmary, the Seamen's, Miller and Cottage Hospitals, the Royal Naval College, and Greenwich Hospital Schools, and the outlying Public Institutions), and 11·9 excluding these Public Institutions, details of which appear in the tabulated form No 2.

The number of Deaths from the principal Zymotic class was 144, equivalent to an annual rate of 2·3 per 1,000 persons living, details of which appear in the tabulated form No. 3.

The Births were 1,885, being 463 in excess of the number of Deaths, equivalent to an annual rate of 30·5 per 1,000 persons living, details of which appear in the tabulated form No. 4.

Table No. 5 will show the comparative Death Rate per 1,000 (excluding Hospitals and Schools,) for the past 12 years.

Table No. 6 will show the comparative Death Rate per 1,000 from Diseases of a Zymotic type for the last ten years.

Table No. 7 will show the Population and Births and Deaths, in Registration Districts, during the 52 weeks of 1897.

Table No. 8 will show the number of cases of Infectious Disease reported to me under the provisions of the Public Health (London) Act, 1891, during the 52 weeks ending 1897.

Table No. 9 will show the number of cases of Infectious Disease and Deaths notified to the Metropolitan Asylums Board by the several Medical Officers of Health of the Metropolis, under the provisions of the Public Health (London) Act, 1891, in the 52 weeks ending January 1st, 1897.

Table No. 10 will show the number of Articles and Rooms disinfected from March 25th, 1897, to March 25th, 1898.

Table No. 11 will show the number of articles destroyed during the same period.

Table No. 12 will show the number of Houses inspected, with inquiries in connection with Infectious Diseases, from March 25th, 1897, to March 25th, 1898.

Table No. 13 will show the work of inspection from March 25th, 1897, to March 25th, 1898.

Table No. 14 will show the Improvements effected during the same period.

### INFLUENZA.

I regret to state that Influenza has been present during the greater part of the present year (1897).

It would be impossible for me to estimate the number of cases that have occurred (as this disease is not one of those which has to be notified under the Public Health (London) Act, 1891), but from personal knowledge, and from information given to me by the different Medical Practitioners in the town, it would appear to have been most prevalent during the first, second, and third quarters of the year.

In all there were twenty-two deaths from Influenza (as a first cause) registered during the year as compared with thirteen in 1896, and in addition a considerable increase in the number of deaths from diseases of the Respiratory and Circulatory organs (viz. : Bronchitis, Pneumonia, and Heart failure), which proves there is an influence at work which has the power of making those diseases more fatal than at ordinary times.

Reference to Table No. 1 will show the number of deaths from Influenza, and also from diseases of the Respiratory and Circulatory organs.

It may be interesting to the Members of the Board to be reminded that the first outbreak of Epidemic Influenza (since 1847) occurred in the latter part of December, 1889, and has occurred from time to time ever since, and it would now appear to have become general.

The following account is copied from the Registrar-General's Annual Summary :—

“ The deaths referred to Influenza during 1897 numbered 617 against 727, 2,117, and 491 in the three preceding years. Although the deaths from Influenza in 1897 exceeded those in 1896 they were fewer than in any other year since 1890, the first year of the Epidemic in London, and were less than half the average annual number in the seven preceding years.

The cause of Influenza is yet unknown to us, though the result of bacteriological investigation now being carried on may go far towards elucidating the question.

The question as to the mode of spread of Influenza is one that has most important bearings on the cause of the disease.

The most striking feature of this fever, and the feature in which it differs from other specific fevers, has ever been the fact that enormous numbers of people (spread over a vast extent of country) may be affected simultaneously.

This has been noticed from the earliest records to the latest. Thus, in 1557, the whole population of Spain was attacked on the same day. In 1782, in St. Petersburg, 40,000 persons were seized in a single day. In 1847 it was said to have spread in one day over every part of London, and affected upwards of 500,000 persons.

These facts seem to admit only of one explanation that (at least in the early period of an Epidemic) the cause of the disease is carried by the air, and that the primary mode of spread of the disease is through the atmosphere.

It is believed by a large majority of medical men that the disease is of an infectious character, and the best means of suppressing it is by isolation."

The following figures show the number of deaths that have been registered from Influenza in the Greenwich District since 1890 :—

1890	...	4	1894	...	11
1891	...	44	1895	...	51
1892	...	33	1896	...	13
1893	...	28	1897	...	22

#### CHOLERA.

I am happy to state that during the year 1897 there was not a case of Cholera reported as having occurred in this district.

#### ZYMOTIC DISEASES.

I stated in my Annual Report of 1888-9, that it was customary to regard the absence or prevalence of disease of a Zymotic type as a test of the Sanitary condition of a district, and I was justified in congratulating the Board upon the satisfactory state of the Parish of Greenwich, as the Death Rate amounted to only 1·6 per 1,000 from that class of disease.

This year, the Death Rate amounts to 2·3 per 1,000 as against 4·0 of last year.

SCARLET FEVER. I am glad to state that there has been a considerable decrease in the number of Notifiable Diseases during the year in the Parish of Greenwich, and more particularly so with Scarlet Fever and Diphtheria.

Last year there were 394 cases of Scarlet Fever notified, and 21 deaths, and this year 178 cases and five deaths, three of which occurred in the outlying districts.

The following may be of interest :—

1893	417	Notified Cases	12	Deaths
1894	270	„ „	11	„
1895	256	„ „	6	„
1896	394	„ „	21	„
1897	178	„ „	5	„

ENTERIC OR TYPHOID FEVER. Last year there were 37 cases of Enteric Fever reported, and 16 deaths. This year the number is 35, the fatal cases being eight.

ERYSIPELAS still shows a decrease, compared with that of last year. 1893—140 cases. 1894—96. 1895—65. 1896—61. 1897—56.

MEASLES. This disease used to be looked upon as one of the most simple of the Zymotic class, but of late years the complications (principally of the Respiratory organs) arising therefrom have been so numerous as to suggest that it is more fatal than Scarlet Fever.

In this district there were 10 deaths from Measles and its complications in 1897, against 57 last year. 1893—27. 1894—38. 1895—25. 1896—57. 1897—10.

In the opinion of many Medical Officers of Health, Measles should be reported under the Public Health (London) Act, 1891, in the place of Erysipelas. At the present time, enquiry is being made by the Medical Officer to the London County Council as to the desirability of notification. I believe it to be simply a matter of expense.

DIPHTHERIA AND MEMBRANOUS CROUP. I am happy to state that the notifications received of Diphtheria cases have decreased considerably, in fact, they are lower than in any year since 1892, *see* Table A, page 26.

The deaths from that disease are much smaller in proportion than formerly, the decrease being due, to the best of my belief, to its earlier recognition, and subsequent treatment by means of injection with anti-toxin.

The following extract and table is taken from the Registrar-General's Annual Summary for 1897 :—

“ Diphtheria was the assigned cause of 2,261 deaths in the course of the year 1897. These deaths were equal to a rate of 0·51 per 1,000, against rates of 0·62, 0·54, and 0·60 per 1,000 in the three preceding years.

“ The London Death Rate from Diphtheria in 1897 exceeded the average rate in the ten years 1887-96, which had been 0·45 per 1,000. The deaths from Diphtheria and Croup together numbered 2,333, and were 64 below the average. The local mortality



from Diphtheria is very seriously disturbed by the existence of hospitals in certain of the areas. In Hampstead, for example, 176 deaths from Diphtheria were registered in 1897; most of these occurred in the Metropolitan Asylums Board Hospital, to which the patients had been admitted from other districts, and, after distribution of Institution deaths, only 17 remained which were those of persons belonging to Hampstead sanitary area. Similarly in Fulham sanitary area 155 deaths from Diphtheria were registered, most of these being Hospital cases imported from outside districts, only 63 properly belonging to Fulham. Hackney, St. Martin-in-the-Fields, City of London, Holborn, St. Olave Southwark, Wandsworth, Greenwich and Lee, are also instances of sanitary areas whose registered Death Rates from Diphtheria are enormously increased by the presence of Hospitals. On the other hand, Kensington, Chelsea, St. Marylebone, St. Giles, Clerkenwell, St. Luke, Bethnal Green, St. George-in-the-East, St. George Southwark, Newington, Bermondsey, Battersea and Camberwell, may be mentioned as examples of the opposite kind, where the effect of distribution has been to more than double the Diphtheria Death Rates of those areas by the inclusion of deaths occurring in Hospitals outside their own boundaries.

“ Among London sanitary areas the lowest Death Rates from Diphtheria, after distribution of Institution deaths, were 0·13 in St. James, Westminster, 0·17 in St. Olave, Southwark, 0·19 in St. Giles, and 0·21 in Strand; the highest rates were 0·65 in Bethnal Green, 0·66 in Camberwell, 0·71 in Poplar, 0·73 in Clerkenwell and in Bermondsey, and 0·80 in Woolwich.

“ The following table shows the Death Rates from Diphtheria

in the London sanitary areas severally during each of the past ten years :—

DEATHS from DIPHTHERIA, per 1,000 living, in each of the METROPOLITAN SANITARY AREAS during the Ten Years 1888-97, after distribution of Deaths in Public Institutions.

SANITARY AREAS.	Year.									
	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
REGISTRATION LONDON.	0·31	0·38	0·33	0·32	0·44	0·75	0·61	0·52	0·59	0·50
<i>West.</i>										
Paddington .....	0·66	0·36	0·34	0·20	0·23	0·58	0·76	0·38	0·51	0·51
Kensington .....	0·55	0·67	0·20	0·17	0·20	0·49	0·46	0·53	0·40	0·47
Hammersmith .....	0·42	0·49	0·51	0·75	0·74	0·53	0·49	0·43	0·49	0·28
Fulham .....	0·13	0·15	0·25	0·21	0·32	0·63	0·99	0·70	0·66	0·53
Chelsea .....	0·15	0·25	0·58	0·17	0·41	0·54	0·54	0·59	1·17	0·56
S. George, Hanover Square	0·56	0·37	0·16	0·26	0·33	0·43	0·24	0·30	0·30	0·21
St. Margaret and St. John, Westminster	0·65	0·50	0·16	0·20	0·80	0·26	0·48	0·39	0·37	0·43
St. James, Westminster ..	0·19	0·08	0·12	0·28	0·25	0·58	0·63	0·17	0·09	0·13
<i>North.</i>										
St. Marylebone .....	0·16	0·23	0·19	0·18	0·34	0·66	0·51	0·25	0·52	0·33
Hampstead .....	0·26	0·13	0·31	0·19	0·39	0·53	0·27	0·19	0·39	0·22
St. Pancras .....	0·31	0·26	0·55	0·30	0·45	0·85	0·50	0·55	0·40	0·47
Islington .....	0·16	0·20	0·25	0·50	0·47	0·61	0·67	0·44	0·74	0·38
Stoke Newington .....	0·35	0·44	0·29	0·34	0·56	0·87	0·15	0·15	0·56	0·56
Hackney .....							0·59	0·39	0·47	0·62
<i>Central.</i>										
St. Giles .....	0·27	0·42	0·24	0·30	0·53	0·56	0·36	0·34	0·18	0·19
St. Martin-in-the Fields ..	0·19	0·13	0·07	0·28	0·84	0·58	0·44	0·53	0·23	0·24
Strand .....	0·11	0·30	0·15	0·20	0·32	0·90	0·37	0·54	0·12	0·21
Holborn .....	0·14	0·49	0·52	0·27	0·52	0·68	0·63	0·22	0·38	0·53
Clerkenwell .....	0·39	0·36	0·28	0·42	0·42	1·15	0·51	0·51	0·62	0·73
St. Luke .....	0·23	0·30	0·37	0·28	0·33	1·10	0·36	0·48	0·62	0·51
City of London .....	0·27	0·30	0·28	0·34	0·66	0·31	0·18	0·24	0·34	0·33
<i>East.</i>										
Shoreditch .....	0·26	0·56	0·46	0·53	0·36	1·11	0·61	0·47	0·60	0·64
Bethnal Green .....	0·41	0·79	0·88	0·47	0·91	1·06	1·03	0·78	0·57	0·65
Whitechapel .....	0·33	0·46	0·68	0·73	0·78	0·80	0·60	0·75	0·60	0·43
St. George-in-the-East .....	0·33	0·94	0·65	0·42	0·72	1·34	1·09	1·06	0·62	0·59
Limehouse .....	0·43	0·82	0·48	0·28	0·44	1·06	0·88	0·78	0·83	0·50
Mile End Old Town .....	0·19	0·50	0·40	0·34	0·75	0·73	0·74	1·01	0·26	0·56
Poplar .....	0·26	0·39	0·42	0·33	0·47	1·00	0·64	0·90	0·61	0·71
<i>South.</i>										
St. Saviour .....	0·47	0·44	0·18	0·41	0·22	0·65	0·77	0·51	0·70	0·48
St. George-the-Martyr, Southwark	0·39	0·34	0·23	0·30	0·44	0·75	0·82	0·28	0·65	0·46
Newington .....	0·16	0·48	0·27	0·38	0·33	0·79	0·51	0·43	0·58	0·53
St. Olave .....	0·32	0·08	0·31	0·40	0·24	0·57	0·25	0·34	0·76	0·17
Bermondsey .....	0·16	0·27	0·22	0·19	0·24	0·94	0·78	0·34	0·84	0·73
Rotherhithe .....	0·21	0·42	0·20	0·10	0·28	0·78	0·78	0·77	0·63	0·52
Lambeth .....	0·40	0·58	0·27	0·28	0·47	0·65	0·49	0·38	0·46	0·48
Battersea .....	0·20	0·23	0·27	0·46	0·35	1·07	0·73	0·57	0·49	0·63
Wandsworth .....	0·46	0·30	0·14	0·23	0·40	0·67	0·45	0·25	0·21	0·57
Camberwell .....	0·29	0·31	0·22	0·20	0·33	0·54	0·78	0·72	1·01	0·66
Greenwich (including Deptford)	0·22	0·19	0·28	0·28	0·31	0·87	0·77	1·06	0·78	0·39
Lee*	0·14	0·14	0·14	0·08	0·16	0·54	0·56	0·29	0·43	0·43
Lewisham (exclud. Penge)	0·47	0·07	0·21	0·11	0·27	0·69	0·38	0·17	0·88	0·42
Woolwich .....	0·08	0·15	0·12	0·05	0·10	0·20	0·34	0·34	0·74	0·80
Plumstead*	0·41	0·27	0·27	0·11	0·70	1·18	0·64	0·62	0·91	0·39

\* The rates for Lee and Plumstead for all the years relate to those sanitary areas as constituted on March 9th, 1894.

The following table will show the number of notifications of Diphtheria that have been received by me since 1890, and also the number of deaths that have occurred from that disease during each year since :—

TABLE A.

Notified cases of Diphtheria.				Deaths from Diphtheria.			
1890	...	...	53	1890	...	...	26
1891	...	...	48	1891	...	...	21
1892	...	...	43	1892	...	...	9
1893	...	...	170	1893	...	...	51
1894	...	...	139	1894	...	...	38
1895	...	...	215	1895	...	...	41
1896	...	...	400	1896	...	...	59
1897	...	...	128	1897	...	...	16

In both England and London the mortality from Diphtheria was less in the decade 1871-80, than in 1861-70, but in the decade 1881-90 it was greater than in the second, and in London, had increased to a higher ratio even than in the first decade.

Comparing London to England, in the first decade the ratio of mortality was about 5 per cent. lower than that of England, in the second decade about equal, and in the third about 6 per cent. higher.

It is strange that whilst formerly it was more prevalent in the rural districts it now appears to affect the urban most.

In the Greenwich District most of the cases were confined to young children of school age. Some years ago this disease used to be confined to the eastern part of the Parish, especially in the Marsh district, but this year it has visited every part. I believe that owing to the highly infectious character of this disease, it is largely spread in Schools.

Sir Thorne Thorne (Medical Officer to the Local Government Board), in his Milroy Lectures on Diphtheria in 1891, showed that since 1871, whereas the annual Death Rates from all causes from the seven principal Zymotic diseases, and from Enteric Fever, have been steadily falling in England and Wales, in large towns and in London the annual Death Rates from Diphtheria have been rising slightly in England and Wales, more markedly in the large towns, and most markedly in London.

Whilst the mortality of Diphtheria is still steadily rising, that of Enteric Fever is equally steadily falling *pari passu* with improved sanitation, and the mortality of Scarlet Fever is also falling *pari passu* with increased Hospital isolation; so that whereas the improvement of sanitation markedly decreases the mortality of Enteric Fever, it appears to have no effect on Diphtheria.

To what cause may this increase of Diphtheria be due? Many have been suggested.

1. School influence.
2. Sewer ventilation and unsanitary conditions.
3. Alteration in classification (particularly with regard to Membranous Croup), now being classified with Diphtheria.
4. Connection with other throat affections.

*School Influence.* In 1870 the Elementary Education Act was passed for the establishment of School Boards and Elementary Schools.

Now, whereas during the decade 1861-70, the number of deaths from Diphtheria decreased annually, during that of 1871-80 they increased annually.

Sir Thorne Thorne has so fully and so carefully entered into this subject of "School Influence," that his conclusion that increased school attendance has had a material influence in increasing the spread of Diphtheria is irresistible.

Although I am of opinion that "School Influence" has been a potent cause in the spread of Diphtheria, I cannot charge "School Influence" with being the sole cause of the great increase that has occurred since the year 1893. I would rather suggest that the great increase is primarily due to one of those peculiar waves that come over us in the form of an epidemic, the cause of which is unknown at the present time. I have no doubt but that in the course of time much useful knowledge on the means of spread will be discovered both by the chemist and the bacteriologist.

Whilst such men as Sir William Jenner and Dr. Wilkes on the one side believe that the disease is in the main independent of sanitary conditions or hygienic circumstances, and whilst Sir George Johnson is diametrically opposed to their particular views, it behoves us to look further afield for the cause. I am inclined to think that our main drainage is faulty.

The main drainage system was laid in 1863, and the engineer (the late Sir Joseph Bazalgette) made a statement at

the time of its completion that it would last for 25 years, and at the end of that time (with the rapidly increasing population) it would be necessary to inquire closely whether it could not be capable of improvement.

### ANTI-TOXIC SERUM TREATMENT FOR DIPHThERIA.

It is gratifying to know that the mortality from Diphtheria is much lower since the use of the "Anti-toxic Serum." The deaths from that disease have considerably diminished since its introduction and subsequent application.

A very exhaustive report on the subject has been published by the Medical Superintendents of the Metropolitan Asylums Board's Hospitals, the summary of which I append :—

"The improved results in the Diphtheria cases treated during the year 1896, which are indicated by the foregoing statistics and clinical observations, are—

- (i.) A great reduction in the mortality of cases brought under treatment on the first and second day of illness.
- (ii.) The lowering of the combined general mortality to a point below that of any former year.
- (iii.) The still more remarkable reduction in the mortality of the laryngeal cases.
- (iv.) The uniform improvement in the results of tracheotomy at each separate Hospital.
- (v.) The beneficial effect produced on the clinical course of the disease.

“ We have had, in fact, somewhat better results to record for 1896 than we had for 1895 ; and, in view of the extended experience gained during the past year, together with the additional facts concerning the post scarlatinal cases for 1896, we feel that we are fully justified in the favourable opinion we expressed last year on the value of anti-toxin in the treatment of Diphtheria.

“ We would repeat what we stated last year as to the paramount importance of commencing the treatment early—if possible, not later than the second day of the disease. From this time onward the chance of a successful issue will diminish in proportion to the length of time which has elapsed before the treatment is commenced. This, though true of other methods, is of still greater moment in the case of treatment by anti-toxin.

“ We have already drawn attention to the trivial nature of the secondary effects that not infrequently arise as a direct result of the injection of anti-toxic serum, and we think that neither these effects nor the increased incidence of some of the usual complications are worthy of being considered practical deterrents when the beneficial results of the treatment are remembered.

“ We have only to add that we still hold to the opinion that in the anti-toxic serum we possess a remedy of distinctly—we would not say much—greater value in the treatment of Diphtheria than any other with which we are acquainted.”

The Managers of the Metropolitan Asylums Board state in their Annual Report, 1897, that the same improvement has occurred in the Diphtheria cases treated by anti-toxin.

WHOOPING COUGH. Reference to Table No. 3 will show that 19 children died from this disease in the district, benign a

decrease of 28 under last year. Whooping Cough is a disease peculiar to young children, and it is difficult to suggest any particular Sanitary measures which, in the absence of isolation, would tend to lessen its spread.

DIARRHŒA. There were 82 deaths from this disease (including Infantile Diarrhœa), being an increase of 44 over last year, and higher than in any of the last ten years.

This disease is particularly fatal amongst young children during the months of July, August, and September, and more especially during the period of Teething. It is accelerated by the administration of improper food.

Had it not been for the large increase in the number of deaths from this disease the Zymotic Death Rate of Greenwich would have been 1 per 1,000.

SMALL POX. One case only of Small Pox was reported to me during 1897, and that occurred in the Metropolitan Asylums Board's Hospital.

In case of Small Pox occurring I notify every case to the Board of Guardians through their Vaccination Officer.

The necessary Sanitary precautions are observed in every case by Inspection, Disinfection, Destruction of Bed, Bedding &c., and the serving of Notices to abate Nuisances.

Under the Public Health (London) Act, 1891, the following diseases are scheduled :—

Scarlet Fever, Diphtheria, Membranous Croup, Small Pox, Cholera, Erysipelas; and Puerperal, Typhus, Enteric, and Relapsing Fevers.



Under this Act it is compulsory for the Medical Attendant and the householder (in which the case occurs) to notify to the Medical Officer of Health of the District immediately upon the outbreak of any of the above diseases.

Reference to Table No. 8 will show the number of cases reported during the year 1897.

#### GENERAL REMARKS.

SEWER VENTILATORS. During the past year I have received complaints from all parts of the Parish respecting the smell that arises from the Sewer Ventilators.

I have forwarded these complaints to the Medical Officer of the London County Council.

In order to abate the nuisance there should be more ventilators erected, and they should be carried up to a considerable height, instead of being at ground level.

In one case this has been done, viz., in the Trafalgar Road, near Christ Church, with considerable benefit to that locality.

The following houses have been either closed or demolished during the year, owing to their being unfit for human habitation :

Iron Cottage, Blackwall Lane	}	Closed on receipt of notices rather than have house repaired.
No. 68, Hoskin Street, East Greenwich (an old wooden house)		
5, 6, 7, 8, 9, 10 and 11, Skinners Row, Blackheath Road	}	Demolished.
	}	Closed by order of the Magistrate.
Ye Olde House, Hyde Vale	}	Closed and repaired afterwards.
The Ferns, Hyde Vale, Conduit Vale House, Hyde Vale	}	Closed and demolished by owner's consent.

OAK HOUSE, EAST STREET. Under Section 60, Sub-section 4, of the Public Health (London) Act, 1891 : "The Sanitary Authority shall provide, free of charge, temporary shelter or house accommodation, with any necessary attendants, for the members of any family, in which any dangerous infectious disease has appeared, who have been compelled to leave their dwellings for the purpose of enabling such dwellings to be disinfected by the Sanitary Authority."

The above house was purchased by the Board for the use of the Greenwich District (which includes the Parish of Deptford), and a caretaker was engaged to take charge.

The house has been repaired, cleansed, limewashed, and purified during the year. It is only partly furnished. There have been no admissions coming from infected houses during 1897, either from Greenwich or Deptford.

The number of deaths of infants under one year during 1897 was 293. Last year, 1896, there were 283.

Ninety-five deaths of persons aged 80 and upwards were registered during the year, being an increase of 23 as compared with that of last year.

During the year I visited the Slaughter-houses and Cow-sheds, and found them in a satisfactory condition.

The Bakehouses were also inspected, and those that were in an unsanitary condition reported to the Board.

I have much pleasure in stating that your Sanitary Inspectors (Messrs. Wilson and Fisher) have been of great assistance to me. They have discharged their onerous duties with zeal, intelligence and success.

The appointment of a Sanitary Inspector to carry out the duties in connection with the notification of Infectious Disease under the Public Health (London) Act, 1891, has been of much service, and I have pleasure in stating that Mr. Bache has conducted the work to my entire satisfaction.

In conclusion, I desire to thank the members of the Board for their uniform courtesy, and their willingness at all times to assist me by adopting any suggestions that I have made tending to improve the sanitary condition of the district.

I have the honour to remain, Gentlemen,

Yours faithfully,

CHARLES HENRY HARTT,

*Medical Officer of Health.*



TABLE No. 1.

1897.	BIRTHS.			DEATHS.			AGES AT TIME OF DEATH.						CAUSES.																		
	M.	F.	Total.	M.	F.	Total.	0	1	5	10	30	80 and upwards	Scarlatina.	Measles.	Whooping Cough.	Small Pox.	Diarrhoea & Dysentery.	Fever.	Phthisis.	Heart and Chest Diseases, beside Phthisis.	Intestinal Affection.	Brain Diseases.	Convulsions.	Childbirth and Puerperal Fever.	Old Age.	Diphtheria.	Influenza.	All other Diseases.	Inquests.	TOTAL.	
							to 1	to 5	to 10	to 30	to 80																				
January ...	68	77	415	63	44	107	18	10	...	14	56	9	...	...	3	...	...	...	16	31	3	4	1	...	14	1	...	22	12	107	
February ...	68	77	145	59	40	99	11	13	3	9	52	11	...	...	6	...	2	1	9	25	2	5	2	1	20	2	2	14	8	99	
March ...	90	86	176	79	56	135	34	7	4	15	71	4	...	...	...	...	2	14	39	4	12	5	...	9	3	2	31	14	135		
First Quarter ...	226	240	466	201	140	341	65	30	7	38	179	24	...	...	9	...	2	3	39	95	9	21	8	1	43	6	4	67	34	341	
April ...	62	59	121	68	34	102	19	7	...	9	59	8	...	2	2	...	...	1	9	26	2	6	4	1	16	...	7	20	6	102	
May ...	71	76	147	59	40	99	13	10	1	12	54	9	...	5	...	...	2	...	12	22	4	10	3	...	14	...	1	17	9	99	
June ...	61	64	125	44	32	76	11	5	...	10	45	5	...	...	...	...	1	1	7	17	5	6	3	1	9	...	...	19	7	76	
Second Quarter	194	199	393	171	106	277	43	22	1	31	158	22	...	7	2	...	3	2	28	65	11	22	10	2	39	...	8	56	22	277	
July ...	91	100	191	61	40	101	23	5	3	17	44	9	...	...	...	...	11	1	11	14	...	4	2	...	13	...	2	31	12	101	
August ...	90	70	160	83	74	157	62	15	1	8	65	6	...	...	1	...	48	1	12	21	5	5	4	...	10	...	3	39	8	157	
September ...	104	101	205	75	55	130	32	10	1	8	75	4	...	...	...	...	12	...	24	17	4	7	1	...	11	...	4	39	11	130	
Third Quarter	285	271	556	219	169	388	117	30	5	33	184	19	...	...	1	...	71	2	47	52	9	16	7	...	34	...	9	109	31	388	
October ...	70	74	144	50	39	80	18	6	...	8	47	10	...	1	...	...	1	...	6	27	1	9	2	...	12	...	...	27	3	89	
November ...	74	86	160	45	51	96	23	6	1	10	46	10	...	1	...	1	...	14	25	3	9	2	...	12	...	1	18	9	96		
December ...	89	77	166	84	64	148	21	20	2	10	87	8	...	2	6	...	3	...	25	45	2	21	2	...	13	...	...	23	6	148	
Fourth Quarter	233	237	470	179	154	333	62	32	3	28	180	28	...	2	2	7	...	5	...	45	97	6	39	6	...	37	...	1	68	18	333
Deaths that have occurred in the outlying Institutions during the year 1897	...	...	...	52	31	83	8	9	8	16	40	2	...	3	1	...	1	1	1	2	16	7	13	...	...	1	10	...	19	8	83
TOTAL	938	947	1885	822	600	1422	293	123	24	146	741	95	...	5	19	18	1	82	8	161	325	42	111	31	3	154	16	22	319	113	1422

Table No. 2.

Districts.	Population (calculated.) to the middle of 1897.	Deaths.	Death-rate per 1,000 including Hospitals and Schools, Greenwich Union and Infirmary.	Death-rate per 1,000 excluding Hospitals and Schools, Greenwich Union and Infirmary.	Zymotic Death-rate.	Infantile Mortality.	Birth-rate.
Greenwich, East .....	32,106	404	} 23	11.9	2.3	4.7	30.5
„ West ... ..	22,007	331					
„ Workhouse ..	1,068	472					
„ Infirmary	528						
„ Hospital							
„ Schools	1,081	2					
Royal Naval College.....	199	3					
Seamen's Hospital .....	255	114					
Miller „ .....		13					
Outlying Institutions ..		83					
Estimated Increase of Population since 1891	4,452						
Total ... ..	61,697	1,422	23	11.9	2.3	4.7	30.5

Table No. 3.  
ZYMOTIC DISEASES.

1897.	Scarlet Fever.	Measles.	Whooping Cough.	Small Pox.	Diarrhoea and Dysentery.	Enteric Fever.	Diphtheria.	Puerperal Fever.	Total.
January ... ..	...	...	3	...	...	...	1	...	4
February .....	...	...	6	...	2	1	2	1	12
March .....	...	...	...	...	...	2	3	...	5
April .....	...	2	2	...	...	1	...	1	6
May .....	...	5	...	...	2	...	...	...	7
June ... ..	...	...	...	...	1	1	...	1	3
July.....	...	...	...	...	11	1	...	...	12
August .....	...	...	1	...	48	1	...	...	50
September .....	...	...	...	...	12	...	...	...	12
October .....	1	...	...	...	1	...	...	...	2
November .....	1	...	1	...	1	...	...	...	3
December .....	...	2	6	...	3	...	...	...	11
	2	9	19	...	81	7	6	3	127
Outlying Institutions.	3	1	...	1	1	1	10	...	17
	5	10	19	1	82	8	16	3	144

Zymotic Death-rate ... .. 2.3 per 1,000.

Table No. 4.

1897.	Births.	Deaths.	
January .....	145	107	
February .....	145	99	
March .....	176	135	
April .....	121	102	
May.....	147	99	Births ... .. 1,885
June .....	125	76	Deaths ... .. 1,422
July.....	191	101	Excess of Births ... 463
August .....	160	157	
September .....	205	130	
October .....	144	89	
November .....	160	96	
December .....	166	148	
Outlying Institu- tions .....	.....	83	
TOTAL .....	1,885	1,422	Birth Rate = 30·5 per 1,000.

Table No. 5.

Death Rate per 1,000, excluding Hospitals and Schools = 12·8.

1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897
17·6	17·6	16·7	16·6	16·6	14·2	16·6	15·9	14·2	16·2	11·69	12·6	12·8	11·9

Table No. 6.

ZYMOTIC DEATH RATE = 4·0.

1884-5	1885-6	1886-7	1887-8	1888-9	1889-90	1890	1891	1892	1893	1894	1895	1896	1897
3·0	3·0	2·3	2·7	1·6	3·0	2·7	2·0	2·3	3·1	2·5	2·2	4·0	2·3

Table No. 7.

Analysis of the Vital and Mortal Statistics of the Sanitary Districts of the Metropolis, after Distribution of Deaths occurring in Public Institutions, during the Year, 1897.

SANITARY AREAS.	Estimated POPULATION, middle of 1897.	Births.	Deaths.	Annual Rate per 1000 Living.			Deaths from Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhus.	Enteric Fever.	Simple and Undefined Fever.	Diarrhoea.	Phthisis.	Deaths of Children under 1 year of age to 1000 Births.
				Births.	Deaths.	Principal Zymotic Diseases.												
LONDON ... ..	4463169	133618	78971	30.0	17.7	2.56	11453	16	1927	778	2240	1837	1	557	8	4089	7629	158
WEST DISTRICTS.																		
Paddington ... ..	126161	3018	1814	24.0	14.4	1.94	243	...	2	21	64	44	...	9	1	102	142	149
Kensington ... ..	171427	3683	2677	21.5	15.7	1.78	304	...	32	30	81	19	...	21	1	120	247	166
Hammersmith ... ..	105959	3139	1760	29.7	16.7	1.99	211	...	5	11	30	28	...	8	1	128	146	171
Fulham ... ..	120040	4106	2034	34.3	17.0	3.04	362	...	51	26	63	61	...	12	1	148	184	162
Chelsea ... ..	96692	2549	1713	26.4	17.8	2.55	244	...	18	17	54	41	...	14	...	100	175	161
St. George, Hanover Sq.	80330	1369	1059	17.1	13.2	1.10	89	...	17	7	17	13	...	10	...	25	93	133
Westminster ... ..	53027	1237	1004	23.4	19.0	2.47	131	...	26	13	23	16	...	6	...	47	143	166
St. James, Westminster	22576	459	393	20.4	17.5	1.87	42	...	13	8	3	6	...	3	...	9	51	163
NORTH DISTRICTS.																		
Marylebone ... ..	140808	4135	2572	29.5	18.3	1.61	227	...	9	9	46	41	...	14	...	108	246	136
Hampstead ... ..	77275	1479	911	19.2	11.8	1.16	90	...	9	6	17	25	...	5	...	28	57	127
St. Pancras ... ..	242255	7017	4518	29.0	18.7	2.47	597	1	87	24	114	124	...	38	...	209	486	168
Islington ... ..	341134	9845	5387	28.9	15.8	1.91	653	1	99	61	129	134	...	45	...	184	491	136
Stoke Newington ... ..	34136	835	488	24.5	14.3	2.12	72	...	7	2	19	15	...	10	...	19	40	121
Hackney ... ..	216698	6312	3573	29.2	16.5	2.90	626	...	127	37	134	97	...	35	...	190	310	147
CENTRAL DISTRICTS.																		
St. Giles ... ..	37840	981	696	26.0	18.4	1.63	61	...	9	7	7	18	...	6	...	14	113	146
St. Martin-in-the-Fields	12711	169	206	13.3	16.3	1.19	15	1	1	2	3	5	...	1	...	2	33	178
Strand ... ..	23552	570	501	24.3	21.3	2.06	48	2	10	3	5	6	...	4	...	18	79	161
Holborn ... ..	30493	781	703	25.7	23.1	2.79	85	...	6	14	16	19	...	5	...	35	84	184
Clerkenwell ... ..	66162	2092	1459	31.7	22.1	3.61	238	1	49	14	48	49	...	11	...	66	155	184
St. Luke ... ..	41279	1860	1056	45.2	25.7	3.82	157	...	40	13	21	28	...	4	...	51	128	149
London City ... ..	30228	478	642	15.9	21.3	1.66	50	1	7	8	10	10	...	9	...	5	57	130



Table No. 7—continued.

SANITARY AREAS.	Estimated POPULATION middle of 1897.	Births.	Deaths.	Annual Rate per 1,000 living.			Deaths from Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhus.	Enteric Fever.	Simple and Un-defined Fever.	Diarrhoea.	Phthisis.	Deaths of Children under 1 year of age to 1,000 births.
				Births.	Deaths.	Principal Zymotic Diseases.												
EAST DISTRICTS.																		
Shoreditch ... ..	121883	4314	2627	35.5	21.6	4.07	496	1	116	29	78	63	...	20	...	189	247	183
Bethnal Green ... ..	129098	4818	2761	37.4	21.4	3.41	439	...	114	25	84	57	1	17	1	140	255	171
Whitechapel ... ..	79724	3150	1623	39.6	20.4	2.16	171	...	45	15	34	16	...	8	...	53	200	148
St. George-in-the-East	47917	2029	1262	42.5	26.4	4.27	204	...	68	14	28	24	...	10	...	60	132	197
Limehouse ... ..	58508	1997	1482	34.2	25.1	3.54	206	...	63	12	29	37	...	4	...	61	149	193
Mile End Old Town ...	111883	4257	2085	38.2	18.7	2.97	330	...	77	12	62	58	...	23	...	98	156	149
Poplar ... ..	169811	5849	3353	34.5	19.8	3.07	519	...	83	28	120	83	...	30	...	175	319	170
SOUTH DISTRICTS.																		
St. Saviour, Southwark	24919	769	611	30.9	24.6	3.66	91	...	32	7	12	12	...	2	...	26	80	195
St. George, Southwark	60388	2114	1426	35.1	23.7	4.35	262	1	67	14	28	32	...	10	1	109	171	189
Newington ... ..	122191	4248	2588	34.9	21.2	3.59	439	...	85	33	65	82	...	9	...	165	269	177
St. Olave, Southwark	11480	434	253	37.9	22.1	2.96	34	...	6	2	2	8	...	1	...	15	33	154
Bermondsey ... ..	85629	3176	1883	37.2	22.1	4.35	371	...	76	34	62	62	...	13	...	124	174	190
Rotherhithe ... ..	40643	1258	766	31.0	18.9	3.26	132	...	21	22	21	17	...	2	...	49	64	174
Lambeth ... ..	300048	9388	5247	31.4	17.5	2.65	791	...	140	42	144	144	...	26	...	295	500	151
Battersea ... ..	168877	5266	2734	31.3	16.2	2.79	470	...	79	47	106	79	...	19	...	140	281	162
Wandsworth ... ..	195612	5042	2606	25.8	13.4	1.91	370	...	27	29	111	42	...	16	1	144	222	135
Camberwell ... ..	257575	7483	4276	29.1	16.6	2.91	750	5	141	32	170	111	...	31	...	260	386	159
Greenwich, including Deptford	178367	5563	3058	31.3	17.2	2.27	405	2	35	32	70	57	...	29	...	180	263	157
Lee ... ..	39215	881	516	22.5	13.2	1.43	56	...	6	3	17	5	...	3	...	22	43	135
Lewisham ... ..	86152	2186	1099	25.4	12.8	1.71	147	...	17	9	36	19	...	7	...	59	81	129
Woolwich ... ..	41409	1307	735	31.7	17.8	2.54	105	...	2	8	33	8	...	4	...	50	79	158
Plumstead ... ..	61057	1975	834	32.4	13.7	1.97	120	...	3	6	24	22	...	3	1	61	95	116

Table No. 8.

INFECTIOUS DISEASES REPORTED UNDER THE PUBLIC HEALTH  
(LONDON) ACT, 1891.

1897.	Scarlet Fever.	Enteric Fever.	Erysipelas.	Diphtheria.	Membranous Croup	Small Pox.	Puerperal Fever.	Typhus Fever.	Continued Fever.	Relapsing Fever.	Total.
January ..	23	4	5	9	...	...	...	...	...	...	41
February ...	29	2	3	8	...	...	...	...	...	...	42
March ...	12	4	8	17	...	...	1	...	...	...	42
April ...	13	3	2	15	...	...	...	...	...	...	33
May ...	13	3	3	4	...	...	...	...	...	...	23
June ...	17	...	6	8	...	...	...	...	...	...	31
July ...	15	2	7	9	...	...	1	...	...	...	34
August ...	7	5	2	16	...	...	...	...	...	...	30
September ...	7	3	4	10	...	...	...	...	...	...	24
October ...	22	6	6	13	...	...	...	...	...	...	47
November ...	9	2	3	12	...	...	...	...	...	...	26
December ...	11	1	7	7	...	...	...	...	...	...	26
Total ...	178	35	56	128	...	...	2	...	...	...	399

Table No. 9.

*Cases of Infectious Disease notified to the several Metropolitan Medical Officers of Health, under the provisions of the Public Health (London) Act, 1891, in the Fifty-two weeks ended Saturday, 1st January, 1897.*

Local Authorities in whose Districts the cases were resident.	Small-pox.	Scarlet Fever.	Diphtheria.	Enteric Fever.	Typhus Fever.	Other Continued Fevers.	Puerperal Fever.	Erysipelas.	Croup.	Cholera.	Totals.	Population, 1896.
Kensington .....	..	749	322	117	..	5	16	237	10	1	1457	170,465
Battersea .....	5	1585	604	93	1	..	7	213	18	1	2527	165,115
Bermondsey .....	1	507	269	62	..	..	1	94	9	..	943	85,475
Bethnal Green .....	2	723	508	106	1	..	7	383	41	1	1772	129,162
Camberwell .....	32	1194	1150	150	..	1	14	297	19	..	2857	253,076
Chelsea .....	..	498	307	52	..	1	4	98	6	..	957	96,646
Clerkenwell .....	..	366	346	63	..	..	2	99	4	..	880	66,202
Fulham .....	..	761	378	53	..	5	14	134	10	1	1356	113,781
<b>Greenwich</b> (including Deptford)	1	818	591	145	..	2	10	239	9	..	1815	175,774
Hackney .....	3	1374	751	209	..	5	11	273	29	..	2655	213,044
Hammersmith .....	..	396	148	45	..	4	8	92	7	1	701	104,199
Hampstead .....	..	224	104	32	..	2	2	40	3	..	407	75,449
Holborn .....	..	119	159	25	..	..	..	46	2	..	351	31,208
Islington .....	3	1577	704	259	..	1	28	313	29	1	2915	336,764
Lambeth .....	2	1395	727	185	..	10	27	322	15	17	2700	295,033
Lee .....	1	210	110	17	..	..	1	51	..	..	390	38,588
Lewisham .....	..	299	217	46	..	..	2	81	2	..	647	83,213
Limehouse .....	..	428	190	52	..	..	4	87	3	..	764	58,305
Mile End .....	..	817	433	83	..	..	7	145	12	..	1497	111,060
Newington .....	..	769	318	81	..	..	16	159	14	..	1357	120,939
Paddington .....	1	489	314	46	..	..	8	136	10	1	1005	124,506
Plumstead .....	..	373	132	25	..	..	3	46	3	4	586	59,252
Poplar .....	9	1041	671	195	..	3	12	262	34	1	2228	169,267
Rotherhithe .....	..	289	82	24	..	..	4	73	4	..	476	40,379
Shoreditch .....	1	627	353	107	..	2	2	226	19	1	1338	122,384
St. George-in-the-East .....	1	244	181	43	1	1	3	85	8	..	567	47,506
St. George, Hanover Square .....	1	177	120	40	..	2	1	51	..	..	392	79,967
St. George-the-Martyr .....	1	381	185	40	..	1	1	88	6	..	703	60,278
St. Giles, Bloomsbury .....	3	209	54	33	..	..	2	94	2	..	397	38,237
St. James, Westminster .....	3	131	49	13	..	2	1	24	1	..	224	23,050
St. Luke, Middlesex .....	..	238	185	41	..	..	2	86	1	..	553	41,527
St. Martin-in-the-Fields .....	1	44	12	5	..	..	..	17	2	..	81	13,077
St. Marylebone .....	4	397	218	88	..	1	5	254	3	2	972	141,188
St. Olave, Southwark .....	1	88	29	10	..	..	1	10	..	..	139	11,731
St. Pancras .....	3	942	533	223	..	8	14	388	10	3	2124	240,764
St. Saviour, Southwark .....	..	131	96	16	..	..	..	28	8	..	279	25,365
Stoke Newington .....	2	108	53	37	..	1	3	23	1	..	228	33,485
Strand .....	8	127	39	20	..	..	..	18	2	..	214	23,782
Wandsworth .....	2	1024	563	99	..	6	9	239	10	..	1952	187,264
Westminster .....	..	181	110	28	..	1	4	66	1	1	392	53,234
Whitechapel .....	..	500	283	55	1	..	4	120	18	..	981	77,717
Woolwich .....	2	224	149	18	..	1	2	36	..	..	432	41,314
City of London .....	2	96	60	23	..	..	2	26	3	2	214	30,970
Port of London .....	10	15	4	9	..	..	..	2	..	..	40	
<b>Grand Totals</b> .....	105	22876	12811	3113	4	65	264	5801	388	38	45465*	

\* One case of *Relapsing* Fever was notified in addition.

Table No. 10.

SHEWING THE NUMBER OF ARTICLES AND ROOMS DISINFECTED IN CONNECTION WITH THE UNDERMENTIONED DISEASES, FROM MARCH 25TH, 1897, TO MARCH 25TH, 1898.

Infectious Disease.	Number of Cases.	Beds disinfected	Pillows disinfected	Bolsters disinfected	Palliasses disinfected	Mattresses disinfected	Odd Articles disinfected	Number of Rooms disinfected	Total Premises.
Scarlet Fever .....	134	103	204	89	73	60	742	142	119
Enteric Fever .....	47	32	44	18	12	12	111	30	29
Small Pox ... ..	...	...	...	...	...	...	...	...	...
Diphtheria ... ..	129	73	126	51	27	27	327	122	113
Erysipelas .....	53	...	...	...	...	...	...	1	1
Membranous Croup ...	1	1	2	1	...	1	1	1	1
Puerperal Fever .....	1	1	1	1	1	1	4	1	1
Continued Fever .....	..	...	...	...	...	...	...	...	...
Total.....	365	210	377	160	113	101	1185	297	264

ARTHUR E. BACHE, *Sanitary Inspector.*

Table No. 11.

SHEWING THE NUMBER OF ARTICLES DESTROYED IN CONNECTION WITH THE UNDERMENTIONED DISEASES, FROM MARCH 25TH, 1897, TO MARCH 25TH, 1898.

Infectious Disease.	Number of Cases.	Beds destroyed.	Palliasses destroyed.	Pillows destroyed.	Mattresses destroyed.	Bolsters destroyed.	Cushions destroyed.	Blankets destroyed.	Odd Articles destroyed.
Scarlet Fever.....	134	...	6	1	1	...	3	1	9
Enteric Fever .....	47	4	1	...	...	1	1	...	6
Small Pox .....	...	...	...	...	...	...	...	...	...
Diphtheria .....	129	...	...	...	1	...	...	...	1
Erysipelas .....	53	...	...	...	...	...	...	...	...
Membranous Croup ..	1	...	...	...	...	...	...	...	...
Puerperal Fever .....	1	...	...	...	...	...	...	...	...
Continued Fever .....	...	...	...	...	...	...	...	...	...
Total .....	365	4	7	1	2	1	4	1	16

ARTHUR E. BACHE, *Sanitary Inspector.*

Table No. 12.

HOUSES INSPECTED AND INQUIRIES MADE IN CONNECTION  
WITH INFECTIOUS DISEASES, FROM MARCH 25<sup>TH</sup>, 1897,  
TO MARCH 25<sup>TH</sup>, 1898.

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Number of Houses Inspected and Inquiries made	...	...	330
„ Re-visits	...	...	1,430
			—
Total	...	...	1,760

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20 Rooms have been cleansed, after disinfection, by the Board's men.

The whole of Blackwall Lane Board School was disinfected by the Board's men, during the month of March, a large number of cases of Measles having occurred in the neighbourhood of that School.

ARTHUR E. BACHE,

*Sanitary Inspector.*

Table No. 13.

HOUSES INSPECTED FROM 25th MARCH, 1897, TO 25th MARCH, 1898.

	East District.	West District.	Total.
Number of Houses Inspected ...	845	1,242	2,087
Re-inspection, Calls made, &c. ...	2,715	4,047	6,762
Inspections of Bake-houses ...	32	109	141
„ Factories & Workshops	22	30	52
„ Slaughter-houses ...	3	12	15
„ Horse slaughterers...	4	...	4
„ Cow-houses ...	9	...	9
„ Stables and Yards ...	23	38	61
„ Piggeries ...	5	...	5
„ Courts and Alleys ...	...	102	102
„ Fields and Lanes, &c.	9	15	24
Total Inspections ..	3,667	5,595	9,262

N.B.—In addition, the various Fruiterers, Fishmongers and Provision Dealers and other places where food is prepared for human consumption, have been under observation, also the chimneys of the various Factories, Workshops, &c., in the Parish of Greenwich during the year.

The following have been destroyed as unfit for food—

Half a bushel of Winkles.

2 bushels of Whelks.

16 lbs. of Eels.

Three-quarters of a barrel of Sprats.

A barrel of Crabs (64), and carcass of a pig.

CHARLES TURLE WILSON, } *Sanitary*  
ROBERT FISHER, P.A.S.I., } *Inspectors.*

TABLE No. 14.

IMPROVEMENTS EFFECTED.

From 25th March, 1897, to 25th March, 1898.

IMPROVEMENTS.		East District.	West District.	Total.
Drains	Constructed	5	23	28
	Interceptor, chamber & fresh air inlet	39	39	78
	Re-constructed or repaired	147	179	326
	Cleansed and amended	41	89	130
	Surface drains constructed	270	138	408
	Traps fixed	300	338	638
	New soil pipes	55	43	98
	Drains and soil pipes ventilated	64	48	112
Cesspools	Abolished	4	5	9
	Cleansed and disinfected	8	...	8
Water Closets	Closets erected	15	20	35
	Sanitary conveniences to Factories	4	1	5
	Pan, trap and water supply furnished	150	142	292
	Pan and trap only furnished	70	88	158
	Pan only furnished	6	16	22
	Water supply furnished	12	17	29
	Water supply renewed	18	87	105
Ash Pits	Provided	125	148	273
Pavings	Pavings re-laid	133	212	345
General Water Supply	Cisterns repaired and covers adapted	7	29	36
	Water supply provided	17	12	29
	Water fittings repaired	66	48	114
Other Improvements	Houses generally repaired	36	46	82
	Houses cleansed and lime-washed	140	196	336
	Ventilation improved	19	5	24
Illegal use of underground room for sleeping, discontinued		1	...	1
Other Nuisances abated	Overcrowding abated	10	9	19
	Sink and bath waste pipes disconnected and amended	30	74	104
	Stack pipes disconnected & amended	12	69	81
	Cisterns in unfit places abolished	29	51	80
	Damp course provided to dwelling-houses	12	9	19
	Animals kept in unfit places (removed)	1	3	4
	Stables paved and drained	5	12	17
	Dung receptacles provided	3	10	13
	Manure removed from premises	6	31	37
Total Improvements		1860	2235	4095
Total Premises Improved		459	718	1177

CHARLES TURLE WILSON, }  
 ROBERT FISHER, P.A.S.I., } Sanitary Inspectors.



**R E P O R T**  
OF THE  
M E D I C A L O F F I C E R O F H E A L T H  
FOR  
**D E P T F O R D .**

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*To the Greenwich District Board of Works.*

GENTLEMEN,

I have the honour to present to you the Annual Report on the Vital Statistics and Sanitary Work for the Registration Year, 1897, which terminated 1st January, 1898.

POPULATION.

The population of St. Paul's Parish, as estimated according to the Registrar-General's method, for 1897, amounted to 108,778, and that for St. Nicholas Parish is estimated at 7,946, making a total estimated population for the two Parishes of 116,724.

BIRTHS.

The number of Birth registered during the year 1897 was 3,686 (1,869 males and 1,817 females), being a decrease from the previous year of 177, and equivalent to an annual rate of 31·5 per 1,000 persons living. The Birth Rate for London during the same period was 30·0, and for the thirty-three great towns 30·7.

There were 3,418 births registered in the Parish of Saint Paul (1,747 males and 1,671 females), and 268 in St. Nicholas (122 males and 146 females).

## DEATHS.

The number of deaths registered in Saint Paul's Parish was 1,396, in Saint Nicholas Parish, 143, in the South Eastern Metropolitan Asylum Board's Hospital, 265, and in the outlying public institutions, 498, making a total of 2,302.

Of the 265 deaths registered as occurring in the South-Eastern Metropolitan Asylum Board's Hospital, only 24 were parishioners of Deptford, therefore, if these deaths, 241, are deducted from the gross number occurring in my district, it makes the number of deaths of parishioners only—including those dying at outlying Public Institutions—2,061, equivalent to an annual Death Rate of 17·6 per 1,000 persons living.

The Death Rate in the thirty-three great provincial towns during the year averaged 19·1 per 1,000 persons living. Whilst the Death Rate for the Metropolis was 18·2 per 1,000; that for Saint Paul's, including all parishioners whether dying in or out of the parish, 19·3, and for Saint Nicholas Parish, 25·0.

Full details will be found in Tabular Forms Nos. 1 and 2, and Table No. 2 gives the Statistics of the births and deaths in the two parishes during the year, showing the number of Deaths which occurred at the South-Eastern Metropolitan Asylum Board's Hospital, including non-parishioners, and at the outlying public institutions.

Table No. 3 shows the Death Rate in the two parishes during the last 10 years.

Table No. 4 shows the excess of births over deaths in the two parishes of Saint Paul and Saint Nicholas, Deptford.

## MORTALITY AT GROUPS OF AGES.

The 2,302 deaths last year included 1,019 children under five years of age, The deaths of 638 children occurred under one year of age, and 381 deaths were registered between 1 and 5 years ;

106 between the ages of 5 and 10 ; 178 between the ages of 10 and 30 ; 693 of persons between 30 and 70 ; and 306 were of persons aged upwards of 70.

### INFANTILE MORTALITY.

Infantile mortality, measured by the proportion of deaths under one year of age to births registered was equal to 173 per 1,000, whilst in the Metropolis as a whole, it averaged 159 per 1,000, and in the thirty-three provincial towns it was 189 per 1,000.

Out of a total of 2,302 deaths registered in the two parishes during the year, there were no less than 638 infants under one year of age.

### ZYMOTIC DISEASES.

The average Death Rate from the principal Zymotic diseases in the two parishes was 2·07, as against 2·58 per 1,000 in London generally, and 3·06 for the thirty-two provincial towns.

The number of deaths from all Zymotic diseases registered as occurring at the houses of the parishioners was 245, as against 379, 282 and 330 for the three previous years. Whilst in the Metropolitan Asylum Board's South-Eastern Hospital, 237 were registered, of these only 24 were parishioners of Deptford.

The number of infectious diseases notified under the Public Health (London) Act, 1891, was 1,416, as compared with 1,478 for the previous year.

Of the Zymotic diseases Diphtheria and Enteric Fever showed an excess over the previous year, whilst Small Pox, Scarlet Fever, Continued Fever, and Puerperal Fever showed a decrease in numbers.

A full detailed account of the deaths from all the Zymotic diseases which occurred in the two parishes, as well as in the

Hospital, will be found in Tables Nos. 5 & 6, and a full account of the infectious diseases which have been notified during the year in Deptford, will be found in Table No. 7.

Table No. 8 gives the analysis of the vital and mortal statistics of thirty-three of the largest English towns during the year 1897, showing among other particulars the statistics of the deaths from the principal Zymotic diseases, and Table No. 9 shows the analysis of the vital and mortal statistics of the sanitary districts of the Metropolis during the year 1897.

**SMALL POX.** Only one case was notified, a female, aged 38, residing in Junction Road, and employed in Trothy Road, Bermondsey. She was immediately removed to the Floating Hospital, where she afterwards died.

**SCARLET FEVER.** Of this disease 632 cases were notified in my district, as against 759 for the preceding year. Eight deaths were recorded in the district, and 69 in the Metropolitan Asylum Board's Hospital; of these six were parishioners. In the previous year 15 were recorded in the district, and 73 in the hospital.

**DIPHTHERIA AND MEMBRANOUS CROUP.** There were 473 cases notified during the year, as against 431 and 636 for the two preceding years. Twenty-five deaths occurred in the two parishes, and 123 were registered in the South-Eastern Metropolitan Asylum Board's Hospital; of these 7 were parishioners. In the year 1896 there were 146 deaths in the Hospital, and 44 in the district.

**FEVER.** This term includes Typhoid or Enteric, Typhus, Simple or Continued, and ill-defined forms of Fever, to which 11 deaths were attributed in the district during the year; 36 deaths were registered in the Hospital, of these 3 were parishioners; and 114 cases were notified under the Public Health (London) Act, 1891. For the year 1896, 86 cases were reported, whilst 12 deaths were registered in the district, and 30 in the Hospital.

PUERPERAL FEVER. During the year there were 10 cases of this disease notified, and 6 deaths were registered : whilst in the previous year 18 cases were reported, and 4 deaths were registered.

MEASLES is not a notifiable disease under the Public Health (London) Act, 1891, therefore it is impossible to ascertain the number of cases which occurred in the district, but the number of deaths registered in the two parishes was only 18, and in the Hospital, 5 ; whereas for the previous year they were 120 for the two parishes, and 11 in the Hospital.

WHOOPIING COUGH caused 28 deaths, as against 78, 45 and 78 in the three preceding years.

DIARRHŒA was the assigned cause of 135 deaths, as against 90 and 67 for the two preceding years.

RESPIRATORY DISEASES. Under this heading are included Bronchitis, Pneumonia, and Pleurisy ; 288 deaths were registered in the district, and 91 as occurring in outlying institutions, or a total of 379 ; for the two previous years they were 410 and 453 respectively.

PHTHISIS OR PULMONARY CONSUMPTION was the cause of 126 deaths in the district, and 28 in outlying institutions, or a total of 154, as against 161 and 177 for the two preceding years.

#### GENERAL REMARKS.

The sanitary work done in the district during the past year has been of a very satisfactory character. From the Return\* furnished by the Sanitary Inspectors it will be seen that the number of complaints received was 520, whilst for the previous year it amounted to 903, clearly showing the good results of the work done during the past few years. The number of premises inspected was 3,722, that of re-inspections, calls, service of notices &c., 21,469.

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\* The Return above referred to follows Table No. 11.

There were closed nine houses as unfit for habitation, on the Canal Bank, and notices to abate over-crowding were served in 42 cases. The Disinfector had 837 rooms to disinfect, full details will be found in Table No. 10.

The temporary shelter or house accommodation which was provided according to the Public Health (London) Act, 1891, for members of any family who were compelled to leave their dwellings for the purpose of enabling such dwellings to be disinfected by the Sanitary Authority, was not required for use during the year.

The Inspectors, acting under instructions, made frequent examinations of articles of food submitted for sale, and in consequence of these inspections, a quantity of articles were voluntarily destroyed by the persons exposing them for sale. Constant supervision was exercised over the manufacture and storage of Ice Cream, with very satisfactory results.

Bakehouses have received frequent and careful inspection. They are all well maintained, and in a cleanly condition, both as regards the limewashing of the walls, and the sweeping of the floors, &c.

The cowsheds have been regularly inspected and all were found to be kept in a clean condition, and well ventilated. A case of Anthrax was reported on October 4th, as having occurred in a cow-house, and I inspected the premises with the late Mr. Ingersol, the Veterinary Surgeon to the Board of Trade, and prohibited the sale of milk until such time as the Veterinary Surgeon pronounced the remaining cows free from infection, and the premises had been thoroughly disinfected. A daily inspection was made until the 15th, when permission was given for the sale of milk to be resumed.

The slaughter-houses were found in good condition.

**SMOKE NUISANCES.** The different factories in the district have received constant attention, and notices were served to abate the nuisance in several cases.

Workshops, factories and laundries have received constant supervision, with the object of preventing overcrowding, and enforcing cleanliness, limewashing, ventilation and sanitary accommodation for the different sexes.

Table No. 11 gives the Meteorological Statistics for London for the year 1897.

The Sanitary Sub-Committee by their constant and regular attendance at the meetings continue to take the deepest interest in all matters concerning the health of the district, and I am greatly indebted to them for the support they always accord me.

I desire to express my entire satisfaction of the zeal and energy with which the Sanitary Inspectors have discharged their duties during the year.

I have the honour to remain, gentlemen,

Your obedient Servant,

HENRY WILLIAM ROBERTS,

*Medical Officer of Health, Deptford.*

## Summary of Vital and Mortal Statistics for 1897.

### Area of the combined Parishes of Deptford—

1,663 acres of land.

32 acres of water.

67 acres of tidal water and foreshore.

### Population—

St. Paul's Parish	...	...	...	108,778
St. Nicholas Parish	...	...	...	7,946
				<hr/>
	TOTAL	...	...	116,724
				<hr/> <hr/>

### Marriages—

St. Paul's Parish	...	...	...	687
St. Nicholas Parish	...	...	...	40
				<hr/>
	TOTAL	...	...	727
				<hr/> <hr/>

### Births—

St. Paul's Parish	...	...	...	3,418
St. Nicholas Parish	...	...	...	268
				<hr/>
	TOTAL	...	...	3,686
				<hr/> <hr/>

### Deaths—

St. Paul's Parish	...	...	...	2,103
St. Nicholas Parish	...	...	...	199
				<hr/>
	TOTAL	...	...	2,302
				<hr/> <hr/>





TABLE 1.

1897.	BIRTHS.			DEATHS.			AGES AT TIME OF DEATH.						CAUSES.																					
	M.	F.	Total.	M.	F.	Total.	0 to 1	1 to 5	5 to 10	10 to 30	30 to 70	70 and upwards.	Small Pox.	Diphtheria.	Membranous Croup.	Erysipelas.	Scarlatina or Scarlet Fever.	Typhoid or Enteric Fever.	Puerperal Fever.	Measles.	Whooping Cough.	Influenza.	Diarrhoea & Dysentery.	Phthisis.	Diseases of the Respiratory Organs.	Heart Disease.	Brain Disease.	Intestinal Affections.	Convulsions.	Parturition.	Old Age.	All other Diseases.	Inquests.	TOTAL.
January	164	161	325	57	78	135	34	17	7	14	39	24	...	8	...	2	4	1	3	...	5	...	2	12	23	11	10	4	5	1	8	36	8	135
February	148	148	296	74	71	145	46	21	5	10	41	22	...	10	...	1	4	3	...	...	6	1	...	8	32	17	3	1	4	1	10	44	8	145
March	163	154	317	78	79	157	36	28	9	13	52	19	...	10	...	...	4	4	...	1	...	4	...	13	37	17	13	4	5	2	5	38	11	157
First Quarter	475	463	938	209	228	437	116	66	21	37	132	65	...	28	...	3	12	8	3	1	11	5	2	33	92	45	26	9	14	4	23	118	27	437
April	149	143	292	59	55	114	25	23	2	7	39	18	...	10	...	...	2	2	...	7	4	3	...	11	19	8	6	2	3	...	6	31	11	114
May	132	132	264	55	53	108	27	29	3	6	29	14	...	14	...	...	4	1	1	4	2	...	2	5	14	8	10	3	4	...	3	33	4	108
June	134	131	265	44	55	99	24	14	10	10	29	12	...	6	...	1	3	...	...	1	1	...	1	8	17	10	10	7	1	...	4	29	16	99
Second Quarter	415	406	821	158	163	321	76	66	15	23	97	44	...	30	...	1	9	3	1	12	7	3	3	24	50	26	26	12	8	...	13	93	31	321
July	206	179	385	100	80	180	76	28	5	13	42	16	...	9	...	1	9	3	...	1	1	...	27	13	7	10	14	15	6	2	10	52	8	180
August	141	133	274	125	108	233	133	39	13	9	29	10	...	14	1	2	11	6	...	3	2	...	84	12	9	8	11	28	3	...	5	34	4	233
September	176	180	356	85	76	161	52	30	5	18	43	13	...	12	...	1	10	7	...	...	...	...	17	11	18	6	9	9	14	1	3	43	11	161
Third Quarter	523	492	1015	310	264	574	261	97	23	40	114	39	...	35	1	4	30	16	...	4	3	...	128	36	34	24	34	52	23	3	18	129	23	574
October	144	145	289	63	55	118	31	26	12	11	32	6	...	12	1	...	12	8	...	1	2	...	1	10	17	6	5	8	4	...	2	29	2	118
November	154	146	300	100	76	176	67	33	6	15	40	15	...	17	...	1	6	6	1	3	1	...	1	10	54	10	8	3	9	1	5	40	6	176
December	158	165	323	81	97	178	43	33	16	7	49	30	...	24	...	1	8	6	1	2	6	...	...	13	41	8	9	...	6	1	9	43	6	178
Fourth Quarter	456	456	912	244	228	472	141	92	34	33	121	51	...	53	1	2	26	20	2	6	9	...	2	33	112	24	22	11	19	2	16	112	14	472
TOTAL	1869	1817	3686	921	883	1804	594	321	93	133	464	199	...	146	2	10	77	47	6	23	30	8	135	126	288	119	108	84	64	9	70	452	95	1804
Deaths of Inhabitants of St. Paul, Deptford, at outlying Institutions.	...	...	...	271	171	442	35	57	12	39	200	99	1	16	...	1	13	5	1	...	...	...	2	23	82	23	31	18	14	...	66	146	52	442
Deaths of Inhabitants of St. Nicholas, Deptford, at outlying Institutions.	...	...	...	41	15	56	9	3	1	6	29	8	...	2	...	...	1	3	...	...	...	...	...	5	9	3	1	2	3	...	10	17	7	56
GRAND TOTAL	1869	1817	3686	1233	1069	2302	638	381	106	178	693	306	1	164	2	11	91	55	7	23	30	8	137	154	379	145	140	104	81	9	146	615	154	2302





**Table No. 3.**

DEATH RATES, 1888—1897.

	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897
St. Paul ... ..	14·2	15·6	17·1	16·3	15·6	16·0	17·1	18·0	18·7	19·3
St. Nicholas ... ..	13·5	16·9	15·5	24·0	15·5	20·7	25·0	30·7	28·1	25·0
London ... ..	19·3	18·3	21·5	21·4	20·4	21·3	17·8	19·8	18·6	18·2

The death rates given above for the years 1888-93, were calculated on the number of deaths which occurred in the District, excluding those taking place in the S.E. Hospital and Outlying Public Institutions. The death rates from 1894 include all deaths of parishioners occurring in the S.E. Hospital and at outlying Public Institutions.

**Table No. 4.**

	Saint Paul.	Saint Nicholas.	Totals.
BIRTHS ... ..	3418	268	3686
DEATHS ... .. (Including 24 Parishioners in the S.E. Hospital, and 498 in the outlying Institutions.)	2103	199	2302
Excess of Births over Deaths ... .. }	1315	69	1384

Table No. 5.

DEATHS FROM ZYMOTIC DISEASES IN THE TWO PARISHES,  
 EXCLUDING DEATHS FROM ZYMOTIC DISEASES IN THE  
 METROPOLITAN ASYLUMS BOARD'S SOUTH-EASTERN HOSPITAL,  
 DURING THE YEAR 1897.

1897.	Diphtheria.	Membranous Croup.	Erysipelas.	Scarlatina or Scarlet Fever.	Enteric Fever.	Measles.	Whooping Cough.	Influenza.	Diarrhoea and Dysentery.	Puerperal Fever.
January ... ..	1	...	2	1	...	...	5	...	2	3
February ... ..	3	...	1	1	...	...	6	1	...	...
March ... ..	1	...	...	...	2	1	...	3	...	...
April ... ..	2	...	...	...	1	4	4	3	...	...
May ... ..	1	...	...	...	1	4	2	...	2	1
June ... ..	1	...	1	1	...	1	1	...	1	...
July ... ..	...	...	...	...	...	...	...	...	27	...
August ... ..	1	1	2	1	2	2	2	...	84	...
September ... ..	2	...	...	...	1	...	...	...	16	...
October ... ..	5	1	...	4	3	1	2	...	1	...
November ... ..	2	...	1	...	1	3	...	...	1	1
December ... ..	4	...	1	...	...	2	6	...	...	1
	23	2	8	8	11	18	28	7	134	6
Total ... 245.										

Table No. 6.

DEATHS FROM ZYMOTIC DISEASES IN THE  
METROPOLITAN ASYLUMS BOARD'S SOUTH-EASTERN HOSPITAL,  
DURING THE YEAR 1897.

1897.	Diphtheria.	Erysipelas.	Scarlatina or Scarlet Fever	Typhoid or Enteric Fever	Measles.	Diarrhoea and Dysentery.	Influenza.
January ...	7	...	3	1	...	...	...
February ...	7	...	3	3	...	...	...
March ...	9	...	4	2	...	...	1
April ...	8	...	2	1	3	...	...
May ...	13	...	4	...	...	...	...
June ...	5	...	2	...	...	...	...
July ...	9	1	9	3	1	...	...
August ...	13	...	10	4	1	...	...
September ...	10	1	10	6	...	1	...
October ...	7	...	8	5	...	...	...
November ...	15	...	6	5	...	...	...
December ...	20	...	8	6	...	...	...
	123	2	69	36	5	1	1
	Total ...				237		

Table No. 7.

SHEWING NUMBER OF CASES OF INFECTIOUS DISEASE  
NOTIFIED IN DEPTFORD IN 1897.

1897.	Small Pox.	Diphtheria.	Membranous Croup.	Erysipelas.	Scarlatina or Scarlet Fever.	Continued Fever.	Typhoid or Enteric Fever.	Puerperal Fever.	Total.
January ...	1	22	...	25	53	...	5	2	108
February ...	...	46	1	10	51	...	8	1	117
March ...	...	40	...	12	45	1	8	...	106
April ...	...	37	2	17	59	...	4	3	122
May ...	...	34	...	14	49	...	2	...	99
June ...	...	30	1	17	79	...	7	...	134
July ...	...	49	...	10	52	...	12	...	123
August ...	...	49	...	15	47	...	14	...	125
September ...	...	28	4	17	48	1	13	2	113
October ...	...	49	1	17	72	...	21	1	161
November ...	...	32	...	13	37	...	10	...	92
December ...	...	48	...	19	40	...	8	1	116
Total ...	1	464	9	186	632	2	112	10	1416

Table No. 8.—Analysis of the Vital and Mortal Statistics of Thirty-three of the Largest English Towns during the Year 1891.

TOWNS.	Estimated Population middle of '97.	Births.	Deaths.	Annual Rate per 1,000 living.			Deaths from Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fever.	Diarrhoea.	Deaths of Children under 1 year of age to 1,000 Births.	Rate per cent. of Uncertified Deaths.
				Births.	Deaths.	Principal Zymotic Diseases.										
33 Towns .....	10,992,524	336,740	209,412	30·7	19·1	2·87	31,479	18	6,049	1,967	3,417	4,453	1,958	13,617	177	1·3
32 Provincial Towns	6,529,355	203,122	128,469	31·2	19·7	3·06	19,954	2	4,120	1,187	1,156	2,611	1,365	9,513	189	1·7
London .....	4,463,169	133,618	80,943	30·0	18·2	2·58	11,525	16	1,929	780	2,261	1,842	593	4,104	159	0·6
West Ham .....	273,682	8,779	4,273	32·2	15·7	2·62	714	..	140	30	101	99	48	296	172	2·7
Croydon .....	121,171	3,015	1,579	25·0	13·1	1·43	173	..	17	12	8	31	9	96	135	..
Brighton .....	121,401	2,986	1,823	24·7	15·1	1·64	198	..	17	12	12	25	22	110	144	0·8
Portsmouth .....	182,585	4,897	2,951	26·9	16·2	2·53	462	..	35	11	28	64	43	281	168	0·4
Plymouth .....	97,658	2,773	1,855	28·5	19·0	2·17	213	..	49	5	13	53	8	85	185	0·3
Bristol .....	232,242	6,430	3,984	27·8	17·2	1·83	425	1	57	18	35	116	47	151	149	0·9
Cardiff .....	170,063	5,279	2,534	31·1	14·9	2·19	372	..	75	17	90	34	21	135	151	0·9
Swansea .....	100,309	2,939	1,583	29·4	15·8	1·36	136	..	45	10	11	42	7	21	140	1·2
Wolverhampton .....	87,287	3,054	1,919	35·1	22·5	4·22	367	..	46	21	54	38	24	184	217	0·6
Birmingham .....	505,772	16,803	10,889	33·3	21·6	3·88	1,958	..	398	93	147	221	92	1,007	214	3·2
Norwich .....	110,154	3,354	2,062	30·5	18·8	2·21	243	..	3	11	10	47	32	140	194	1·5
Leicester .....	203,599	6,206	3,586	30·6	17·7	3·13	637	..	14	71	73	82	39	358	205	2·4
Nottingham .....	232,934	6,717	4,363	28·9	18·8	2·81	652	..	48	36	21	113	49	385	206	1·1
Derby .....	103,291	2,792	1,651	27·1	16·0	1·91	197	..	17	10	9	22	26	113	168	..
Birkenhead .....	111,249	3,507	2,026	31·6	18·3	2·45	272	..	55	23	26	32	27	109	164	1·1
Liverpool .....	633,078	22,289	15,384	35·3	24·4	3·83	2,412	..	340	206	126	351	168	1,221	200	3·4
Bolton .....	121,433	3,942	2,660	32·5	22·0	4·02	486	..	215	23	6	41	25	176	186	0·2
Manchester .....	534,299	17,708	12,306	33·2	23·1	3·81	2,032	..	629	124	47	300	100	832	195	1·2
Salford .....	213,190	7,454	5,083	35·1	23·9	5·50	1,168	..	473	61	32	112	66	426	219	1·8
Oldham .....	145,845	3,793	2,789	26·1	19·2	2·61	378	..	97	20	11	77	20	153	183	0·2
Burnley .....	106,122	3,151	2,065	29·8	19·5	3·98	420	..	141	5	60	63	19	132	220	1·5
Blackburn .....	131,330	3,625	2,554	27·7	19·5	3·45	453	..	146	7	8	82	38	172	206	2·2
Preston .....	115,103	3,659	2,796	31·9	24·4	5·64	648	..	318	5	4	30	35	256	262	3·2
Huddersfield .....	101,454	2,366	1,659	23·4	16·4	1·50	150	..	27	32	20	21	15	35	131	2·8
Halifax .....	95,747	2,150	1,574	22·5	16·5	1·39	134	..	48	21	9	9	16	31	140	2·5
Bradford .....	231,260	5,679	4,024	24·6	17·5	2·22	510	..	81	9	15	43	31	331	179	1·2
Leeds .....	409,472	12,911	8,118	31·6	19·9	2·80	1,140	..	163	94	67	96	80	640	190	0·6
Sheffield .....	351,848	12,071	7,438	34·4	21·2	3·49	1,222	..	195	90	44	142	110	641	198	2·8
Hull .....	225,045	7,485	4,166	33·3	18·6	3·25	731	1	24	61	32	56	56	501	181	1·6
Sunderland .....	142,107	4,905	2,792	34·6	19·7	2·56	363	..	63	11	4	77	38	170	165	1·0
Gateshead .....	101,070	3,612	1,842	35·8	18·3	2·33	234	..	50	17	8	31	20	108	172	0·7
Newcastle-on-Tyne	217,555	6,791	4,141	31·3	19·1	2·09	452	..	74	21	25	61	34	217	178	0·9



Table No. 9.

Analysis of the Vital and Mortal Statistics of the Sanitary Districts of the Metropolis, after Distribution of Deaths occurring in Public Institutions, during the Year, 1897.

SANITARY AREAS.	Estimated POPULATION, middle of 1897.	Births.	Deaths.	Annual Rate per 1000 Living.			Deaths from Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhus.	Enteric Fever.	Simple and Undefined Fever.	Diarrhoea.	Phthisis	Deaths of Children under 1 year of age to 1000 Births.
				Births.	Deaths.	Principal Zymotic Diseases.												
LONDON ... ..	4463169	133618	78971	30.0	17.7	2.56	11453	16	1927	778	2240	1837	1	557	8	4089	7629	158
WEST DISTRICTS.																		
Paddington ... ..	126161	3018	1814	24.0	14.4	1.94	243	...	2	21	64	44	...	9	1	102	142	149
Keensington ... ..	171427	3683	2677	21.5	15.7	1.78	304	...	32	30	81	19	...	21	1	120	247	166
Hammersmith ... ..	105959	3139	1760	29.7	16.7	1.99	211	...	5	11	30	28	...	8	1	128	146	171
Fulham ... ..	120040	4106	2034	34.3	17.0	3.04	362	...	51	26	63	61	...	12	1	148	184	162
Chelsea ... ..	96692	2549	1713	26.4	17.8	2.55	244	...	18	17	54	41	...	14	...	100	175	161
St. George, Hanover Sq.	80330	1369	1059	17.1	13.2	1.10	89	...	17	7	17	13	...	10	...	25	93	133
Westminster ... ..	53027	1237	1004	23.4	19.0	2.47	131	...	26	13	23	16	...	6	...	47	143	166
St. James, Westminster	22576	459	393	20.4	17.5	1.87	42	...	13	8	3	6	...	3	..	9	51	163
NORTH DISTRICTS.																		
Marylebone ... ..	140808	4135	2572	29.5	18.3	1.61	227	...	9	9	46	41	...	14	...	108	246	136
Hampstead ... ..	77275	1479	911	19.2	11.8	1.16	90	...	9	6	17	25	...	5	...	28	57	127
St. Pancras ... ..	242255	7017	4518	29.0	18.7	2.47	597	1	87	24	114	124	...	38	...	209	486	168
Islington ... ..	341134	9845	5387	28.9	15.8	1.91	653	1	99	61	129	134	...	45	...	184	491	136
Stoke Newington ... ..	34136	835	488	24.5	14.3	2.12	72	...	7	2	19	15	...	10	...	19	40	121
Hackney ... ..	216698	6312	3573	29.2	16.5	2.90	626	...	127	37	134	97	...	35	...	190	310	147
CENTRAL DISTRICTS.																		
St. Giles ... ..	37840	981	696	26.0	18.4	1.63	61	...	9	7	7	18	...	6	...	14	113	146
St. Martin-in-the-Fields	12711	169	206	13.3	16.3	1.19	15	1	1	2	3	5	...	1	...	2	33	178
Strand ... ..	23552	570	501	24.3	21.3	2.06	48	2	10	3	5	6	...	4	...	18	79	161
Holborn ... ..	30493	781	703	25.7	23.1	2.79	85	...	6	14	16	19	...	5	...	35	84	184
Clerkenwell ... ..	66162	2092	1459	31.7	22.1	3.61	238	1	49	14	48	49	...	11	...	66	155	184
St. Luke ... ..	41279	1860	1056	45.2	25.7	3.82	157	...	40	13	21	28	...	4	...	51	128	149
London City ... ..	30228	478	642	15.9	21.3	1.66	50	1	7	8	10	10	...	9	...	5	57	130

Table No. 9—continued.

SANITARY AREAS.	Estimated POPULATION middle of 1897.	Births.	Deaths.	Annual Rate per 1,000 living.			Deaths from Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhus.	Enteric Fever. Simple and Un-defined Fever.	Diarrhoea.	Phthisis.	Deaths of Children under 1 year of age to 1,000 births.	
				Births.	Deaths.	Principal Zymotic Diseases.												
EAST DISTRICTS.																		
Shoreditch ... ..	121883	4314	2627	35.5	21.6	4.07	496	1	116	29	78	63	...	20	...	189	247	183
Bethnal Green ... ..	129098	4818	2761	37.4	21.4	3.41	439	...	114	25	84	57	1	17	1	140	255	171
Whitechapel ... ..	79724	3150	1623	39.6	20.4	2.16	171	...	45	15	34	16	...	8	...	53	200	148
St. George-in-the-East	47917	2029	1262	42.5	26.4	4.27	204	...	68	14	28	24	...	10	...	60	132	197
Limehouse ... ..	58508	1997	1462	34.2	25.1	3.54	206	...	63	12	29	37	...	4	...	61	149	193
Mile End Old Town ...	111883	4257	2085	38.2	18.7	2.97	330	...	77	12	62	58	...	23	...	98	156	149
Poplar ... ..	169811	5849	3353	34.5	19.8	3.07	519	...	83	28	120	83	...	30	...	175	319	170
SOUTH DISTRICTS.																		
St. Saviour, Southwark	24919	769	611	30.9	24.6	3.66	91	...	32	7	12	12	...	2	...	26	80	195
St. George, Southwark	60388	2114	1426	35.1	23.7	4.35	262	1	67	14	28	32	...	10	1	109	171	189
Newington ... ..	122191	4248	2588	34.9	21.2	3.59	439	...	85	33	65	82	...	9	...	165	269	177
St. Olave, Southwark	11480	434	253	37.9	22.1	2.96	34	...	6	2	2	8	...	1	...	15	33	154
Bermondsey ... ..	85629	3176	1883	37.2	22.1	4.35	371	...	76	34	62	62	...	13	...	124	174	190
Rotherhithe ... ..	40643	1258	766	31.0	18.9	3.26	132	...	21	22	21	17	...	2	...	49	64	174
Lambeth ... ..	300048	9388	5247	31.4	17.5	2.65	791	...	140	42	144	144	...	26	...	295	500	151
Battersea ... ..	168877	5266	2734	31.3	16.2	2.79	470	...	79	47	106	79	...	19	...	140	281	162
Wandsworth ... ..	195612	5042	2606	25.8	13.4	1.91	370	...	27	29	111	42	...	16	1	144	222	135
Camberwell ... ..	257575	7483	4276	29.1	16.6	2.91	750	5	141	32	170	111	...	31	...	260	386	159
Deptford, in- } cluding Greenwich }	178367	5563	3058	31.3	17.2	2.27	405	2	35	32	70	57	...	29	...	180	263	157
Lee ... ..	39215	881	516	22.5	13.2	1.43	56	...	6	3	17	5	...	3	...	22	43	135
Lewisham ... ..	86152	2186	1099	25.4	12.8	1.71	147	...	17	9	36	19	...	7	...	59	81	129
Woolwich ... ..	41409	1307	735	31.7	17.8	2.54	105	...	2	8	33	8	...	4	...	50	79	158
Plumstead ... ..	61057	1975	834	32.4	13.7	1.97	120	...	3	6	24	22	...	3	1	61	95	116

Table No. 10.

DISINFECTOR'S REPORT from January 3rd, 1897, to January 2nd, 1898, both dates included.

1897.	Rooms disinfected	Beds disinfected	Pillows disinfected	Bolsters disinfected	Palliasses disinfected	Mattresses disinfected	Sheets disinfected	Blankets disinfected	Odd Articles disinfected	Articles destroyed.
January ... ..	58	37	90	30	15	13	51	104	223	1 Mattress, 1 Cushion.
February ... ..	71	41	99	31	4	16	58	89	182	2 Beds, 2 Palliasses, 1 Bolster, 1 Counterpane.
March ... ..	72	32	89	33	3	24	36	80	195	2 Beds, 1 Bolster, 1 Counterpane.
April .. ...	81	47	122	39	1	24	63	109	189	1 Bed, 2 Palliasses, 2 Pillows, 3 Odd.
May ... ..	76	41	84	34	...	21	76	87	197	1 Bed, 8 Palliasses.
June ... ..	86	59	121	45	...	15	82	99	134	2 Beds, 2 Palliasses. [Bolster, 1 Odd
July ... ..	64	45	94	32	1	11	45	43	83	1 Bed, 4 Palliasses, 1 Mattress, 2 Pillows, 1
August ... ..	76	57	125	33	4	20	78	59	200	1 Mattress.
September ... ..	50	42	95	27	4	9	49	55	74	2 Mattresses.
October ... ..	75	56	115	36	5	7	68	69	220	1 Mattress.
November ... ..	64	55	117	32	...	12	50	70	137	
December ... ..	62	48	100	40	2	16	54	107	185	1 Mattress, 2 Palliasses.
January, 1898... ..	2	1	3	1	...	...	2	4	4	
Totals ... ..	837	541	1254	413	39	188	712	975	2023	

TOTAL.

Rooms ... ..	837	Mattresses ... ..	188
Beds ... ..	541	Sheets ... ..	712
Pillows ... ..	1254	Blankets ... ..	975
Bolsters ... ..	413	Odds ... ..	2023
Palliasses ... ..	39		

April 20th, 1897—1 Cab disinfected.

Aug. 4th, 1897—1 Bundle of Work (Shirting) disinfected.

Total of Articles destroyed—9 Beds, 7 Mattresses, 7 Odd, 20 Palliasses, 4 Pillows, 3 Bolsters.

**Table No. II.**

METEOROLOGICAL TABLE FOR LONDON, 1897.

(Deduced from Observations at Greenwich, under the Superintendence of the Astronomer-Royal, and compiled from Quarterly Tables furnished to the Registrar-General by James Glaisher, Esq., F.R.S.)

Winter .. Jan., Feb., March. Spring .. April, May, June. Summer .. July, Aug., Sept. Autumn .. Oct., Nov., Dec.	Temperature of								Elastic Force of Vapour.	Weight of Vapour in a Cubic Foot of Air.		Degree of Humidity.		Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.	Reading of Thermometer on Grass.								
	Air.		Evaporation.		Dew Point.		Air—Daily Range.			Mean.	Diff. from Average of 56 Years.	Mean.	Diff. from Average of 56 Years.	Mean.	Diff. from Average of 56 Years.	Mean.	Diff. from Average of 56 Years.		Mean.	Diff. from Average of 56 Years.	Amount.	Diff. from Average of 82 Years.	Number of Nights it was			Lowest Reading at Night.	Highest Reading at Night.
	Mean.	Diff. from Average of 126 Years.	Mean.	Diff. from Average of 56 Years.	Mean.	Diff. from Average of 56 Years.	Mean.	Diff. from Average of 56 Years.															Sums.	Sums.	At or below 30°.		
1897.	o	o	o	o	o	o	o	o	o	in.	in.	grs.	gr.			ins.	in.	grs.	grs.	ins.	ins.		Sums.		o	o	
YEAR ..	50.3	+1.6	+1.0	47.0	+0.6	43.6	+0.1	14.6	-1.3	.292	-.001	3.3	-0.1	79	-3	29.801	+0.026	541	-1	22.13	-2.83	45	144	176	21.0	58.4	
Winter Qr.	41.1	+2.3	+1.4	39.1	+1.3	36.6	+1.4	9.7	-2.1	.218	+0.012	2.5	+0.1	85	+1	29.718	-.057	550	-3	7.35	+2.43	25	47	18	23.3	46.0	
Spring do.	53.1	+0.7	+0.2	48.9	-0.2	44.5	-0.8	18.2	-1.8	.302	-.005	3.4	0.0	73	-4	29.777	-.009	538	-1	4.80	-0.82	3	41	47	26.2	58.4	
Summer do.	60.9	+1.1	+0.7	55.9	-0.4	51.7	-1.3	18.7	-0.9	.385	-.018	4.3	-0.3	72	-5	29.779	-.013	529	-1	6.29	-1.01	0	5	87	34.8	56.5	
Autumn do.	46.0	+2.4	+1.7	44.0	+1.5	41.6	+1.2	11.6	-0.2	.265	+0.009	3.0	-0.1	85	-5	29.930	+0.181	548	+2	3.69	-3.43	17	51	24	21.0	51.7	

In this table + and - respectively signify that the number in the preceding column is above or below the average to the amount of the quantities to which these signs are affixed.

ANNUAL REPORT OF SANITARY INSPECTORS, ST. PAUL, DEPTFORD.

January 1st to December 31st, 1897.

Table No. 1.	Number of District.					Totals.
	1	2	3	4	5	
Complaints received ... ..	184	126	65	134	11	520
Total premises inspected ... ..	883	677	730	715	717	3722
Re-inspections, Calls, Service of Notices, &c., &c.... ..	3439	3270	4428	5052	5280	21469
Inspections under Notice from Contractors, per Bye-Laws... ..	138	13	20	12	1	184
Number of cases in which proceedings have been taken ... ..	16	9	1	3	...	29
"Intimations" served ... ..	318	229	176	282	600	1605
"Statutory Notices" served ... ..	54	62	14	73	136	339
Houses closed by Magistrate's Order	13	...	...	...	...	13
"    "    Consent as unfit for occupation ... ..	...	...	...	...	9	9

Table No. 2.	1	2	3	4	5	Totals.
Bakehouse Inspections ... ..	58	24	36	32	27	177
"    Limewashed ... ..	29	18	21	13	11	92
Slaughter-house Inspections ... ..	2	2	3	1	...	8
Cowhouse Inspections .. ..	3	3	3	...	2	11
Workshop and Factory Inspections	6	9	...	11	7	33
Unsound Meat destroyed ... {	544 Lemons	...	2 Bskts. of Plums	1 cwt. of Crabs.	} ...	...

Table No. 3.

	Number of District.					Totals.
	1	2	3	4	5	
<b>WATER CLOSETS—</b>						
Old Closets abolished ... ..	19	1	3	1	2	26
New Closets provided ... ..	9	1	3	...	3	16
"    "    in Workshops	...	5	2	4	2	13
Basin and Trap provided ... ..	271	144	162	169	417	1163
Basins cleansed ... ..	...	...	...	12	32	44
Water Supply provided ... ..	65	48	...	80	...	193
"    "    Apparatus provided	77	38	76	29	42	262
Limewashed ... ..	44	5	12	11	2	74
Walls repaired ... ..	18	44	...	12	...	74
Doors provided ... ..	5	...	...	4	...	9
Ventilated ... ..	2	...	3	...	...	5
Seats and risers provided... ..	...	...	...	12	...	12
Closet floors repaired ... ..	...	...	...	17	...	17
<b>DRAINS—</b>						
Drains reconstructed ... ..	89	45	33	57	44	268
Cleansed and amended ... ..	162	40	169	88	59	518
Gully Traps fixed ... ..	435	144	124	144	202	1049
New Soil Pipes and Vent Pipes fixed ... ..	96	6	7	18	16	143
Chambers built and Interceptors provided ... ..	55	12	10	35	11	123
Interceptors only, fixed ... ..	...	...	...	1	...	1
Ventilated ... ..	51	22	18	57	23	171
Drains provided to Stables ... ..	..	...	...	6	...	6
<b>SINK, BATH AND LAVATORY WASTES, AND RAINWATER PIPES—</b>						
Disconnected from Drains ... ..	267	73	94	54	167	655
<b>CESSPOOLS—</b>						
Abolished ... ..	4	...	...	2	...	6
<b>DUSTBINS—</b>						
Provided ... ..	106	65	220	134	84	609
Repaired ... ..	...	...	...	...	8	8
<b>YARDS—</b>						
Paved ... ..	66	16	20	141	68	311
Surface repaired ... ..	14	138	148	...	81	381
<b>SCULLERY AND WASH-HOUSE FLOORS—</b>						
Paved ... ..	18	9	...	7	13	47
<b>FORE COURTS—</b>						
Paved ... ..	27	26	8	4	144	209
Surface repaired ... ..	...	...	...	...	10	10
<b>GUTTERS, AND RAINWATER PIPES—</b>						
Provided and repaired ... ..	55	83	26	64	86	314
<b>WATER SUPPLY—</b>						
Store Cisterns provided ... ..	...	...	...	...	...	...
"    "    cleansed ... ..	5	...	...	7	...	12
"    "    Covers provided ... ..	7	...	17	43	28	95
"    "    abolished ... ..	17	5	9	...	9	40

TABLE No. 3—*continued.*

	Number of District.					Totals.
	1	2	3	4	5	
<b>WATER SUPPLY—<i>continued.</i></b>						
Supply re-instated... ..	28	7	15	37	4	91
Fittings repaired ... ..	8	13	38	25	90	174
New Houses inspected for Certificate before occupation ...	57	17	4	11	120	209
Potable water provided from service ... ..	...	35	35	...	...	70
<b>CLEANSING AND REPAIRS—</b>						
Houses cleansed and limewashed	54	72	39	157	524	948
„ repaired and ventilation improved... ..	40		11	51		
House roofs repaired ... ..	...	20	28	60	33	141
Workshops cleansed ... ..	2	...	...	1	...	3
<b>DUNG RECEPTACLES—</b>						
Abolished ... ..	2	...	...	...	...	2
Provided .. ..	7	1	2	2	...	12
<b>UNDERGROUND ROOMS—</b>						
Use as dwellings abolished ...	1	...	...	2	...	3
<b>OVERCROWDING—</b>						
Cases abated ... ..	7	2	7	16	10	42
<b>ACCUMULATIONS—</b>						
Removed ... ..	30	6	9	32	13	90
<b>SMOKE NUISANCES—</b>						
Cases abated ... ..	...	...	...	14	...	14
<b>ANIMALS—</b>						
Ceased keeping as a nuisance ...	3	2	...	4	6	15
Body removed to Mortuary after fatal case of Infectious Disease	...	...	...	1	...	1
Number of premises under notice on December 31st ... ..	21	...	...	...	...	21
Number of nuisances awaiting abatement... ..	15	...	...	...	...	15

District No. 1	...	Inspector Turner.
„ 2	...	„ Simpson.
„ 3	...	„ Priest.
„ 4	...	„ Nettleton.
„ 5	...	„ Shelley.

## Board of Works for the Greenwich District.

ENGINEER AND SURVEYOR'S OFFICE,  
141, GREENWICH ROAD.

1898.

*To the Board of Works for the Greenwich District.*

GENTLEMEN,

I have the honour to present herewith my third Annual Report of works and matters connected with my department for the year ending 25th March, 1898.

### SEWERS.

During the year the following applications with plans and sections of proposed sewers have been submitted to and approved by the Main Drainage Committee of the London County Council, viz. :—

GREENWICH.	ST. PAUL, DEPTFORD.
Milton Road	Whitcher Street
Ashburnham Road	Sanford Street

During the year 420 feet of 9" pipe sewer was constructed in Ashburnham Road, and 3 manholes provided for control of same. The old brick barrel sewer in rear of the houses in Ashburnham Road and Grove was abolished, and 715 feet of 9" pipe sewer was laid in at an improved gradient, 8 manholes were constructed so that this length might be under proper control, and a ventilator erected at the summit end to allow the gas to pass away.

The following works have been carried out by your flushing staff in reinstating sewers, which, in ordinary cases, should have been executed by the owners of the property concerned, but for recent decisions of the Courts in matters of sewers *versus* drains.



## GREENWICH PARISH.

King William Street  
 Ordnance Road  
 Westcombe Hill  
 Blackheath Road  
 St. John's Road  
 Richardson's Place  
 John Street (Cold Bath)  
 Lombard Wall  
 Morden Street  
 Sigismund Street  
 Morden Hill  
 Nelson Street  
 Tyler Street

Woodland Street  
 Mount Nod Square  
 Haddo Street  
 South Street  
 Church Street  
 Thames Street  
 Trafalgar Road  
 Christchurch Street  
 Lower East Street  
 The Paragon  
 Norman Road  
 Upper East Street  
 Hardy Road

## ST. PAUL, DEPTFORD.

New Cross Road, Nos. 324  
 to 332  
 Brockley Road, No. 120  
 Wickham Road, No. 12  
 Railway Arches, Deptford  
 Norfolk's Brewery, Mill  
 Lane  
 New Cross Road, Nos. 17,  
 19, and 21  
 Walpole Street  
 High Street  
 Manor Road  
 Tyrwhitt Road  
 Angus Street (Baker's  
 Shop, &c.)  
 Shardiloes Road, Nos. 70  
 and 72  
 James Street, No. 18

Henry Street, Nos. 1 to 5  
 Ashmead Mews and Road  
 Rudford Road, Nos. 29 and  
 31  
 Florence Road, No. 1  
 Crossfield Lane, Nos. 9, 11,  
 13, and 15  
 Amersham Vale, No. 7  
 Cornbury Road, Nos. 16,  
 18, 20, and 22  
 Cornbury Road and Alpine  
 Road  
 Addey Street, No. 14  
 Ravensbourne Street, No.  
 33  
 New Cross Road, No. 181  
 Kender Street, No. 63

## ST. NICHOLAS, DEPTFORD.

Hughes' Fields

|

Prince Street

In addition to the above, extensive works were carried out in the rear of Nos. 27 to 39, Windmill Lane, and Nos. 3 to 13, Dennett's Road, by the Jobbing Contractor, necessitating the presence of one of the flushing staff during the time the works were in progress.

The flushing staff also prepared the ground to receive the New Urinal, Clifton Hill, by pulling down old Urinal and laying foundations and drains to new site.

## FLUSHING SEWERS.

This district contains about 90 miles 1,135 feet of brick and pipe sewers. The brick sewers are cleansed by manual labour, the pipe sewers being cleansed by periodical flushing with water through inlets provided on the banks of the River Thames and Grand Surrey Canal.

Where the above means cannot be adopted, water vans are used and dam boards provided, to obtain a sufficient head of water to remove the deposit on the sewer inverts.

Where the deposit is of a heavy and glutinous character, dredging has to be resorted to ; about 2 miles of pipe sewers have been dredged during the past year.

The road gullies, about 3,829 in number, have been periodically emptied and flushed out with diluted carbolic disinfecting liquid, and during the dry summer weather these gullies are flushed about once in every nine days.

## SEWER VENTILATION.

During the past year shafts have been erected against various premises in the district, but in several instances, owing to the owners of the property affected by the open road vents refusing permission to erect vents in lieu thereof, recourse has been had to ventilating tubes erected on the highway.

Special mention should be made of the abolition of the road vents opposite the "Marquis of Granby" P.H., New Cross Road, which were for years a source of complaint from the inhabitants and general public using this portion of the main road; these vents were not closed until I had held many consultations with the legal advisers of the Trustees of the Simpson Estate, and the matter had been favourably reported upon by their Surveyor, after which I was able to furnish the London County Council's Engineer with the sanction to the erection of a 12" x 6" shaft at 333, New Cross Road, and the vents were, it is to be hoped, sealed for ever.

The following vents have been so dealt with during the year, viz. :—

SEWER VENTS.	SEWER TUBES ON HIGHWAYS.
Dennett's Road	Church Street, Deptford
New Cross Road	Erlanger Road
117, Greenwich Road	
Lower Road, 6" x 8"	

## LOCAL SEWERS.

I am negotiating with other owners, and hope to obtain

their consent for the erection of vent-pipes over local sewers ;  
meanwhile, the following sewers have been so treated :—

GREENWICH.	DEPTFORD.
Charlotte Street	Woodpecker Road
Claremont Street	Armada Street
Lower East Street	Frenche's Fields
Chester Street	New Cross Road
Pelton Road	Kender Street
Thornham Street	North Road
Pearson Street	

#### DRAINAGE.

Notices and plans have been received for the building and drainage of various premises in the district, and have been submitted to and approved of by the Board.

Every drain, where practicable, is now tested with smoke or water, in the presence of the Inspector. This work involves a large amount of labour, and absorbs a great deal of the time of your staff ; especially so has this been the case during the past year, for, in addition to the ordinary building operations, two vast estates, one at Deptford Park, and one at Ivy Farm, Greenwich, were opened, and are being rapidly developed.

Every endeavour is made to meet the convenience of builders and to facilitate the execution of the work.

During the year 118 new connections have been made with the Board's sewers and those of the London County Council, entailing a cost to the applicants of about £550.

No less than 29 new gullies have been constructed in various parts of the district during the past twelve months, and their outlets connected with the sewers in the roads where the works were carried out.

#### RIVER WALLS AND DOCKS.

The following works were carried out on the River Wall during last autumn, on that portion extending from a point from the Seed Mills to the Wood Paving Company's premises and the long batter on the north side of Horseshoe point, in front of the Linoleum Works 340 feet westwards. A dwarf concrete wall, 2' 6" deep and 2' wide, runs along the above lengths at the foot of the stone rubble batters, for which 94 yards cube of concrete were used, 863 yards super of the rubble stone batter raised and relaid on clay backing, and 2,515 yards super grouted in with fine Portland cement concrete, at a cost, for materials, labour and plant, of £319 11s. 6d.

#### CONVENIENCES.

The construction of the Underground Convenience situate at the junction of South Street and Greenwich Road was completed and opened in May, 1897. The cost of erection amounted to £2,099 18s. 11d.

An Underground Convenience was also constructed at New Cross Gate, which was completed and opened in August, 1897. The cost of this construction was £2,274 16s. 10d.

I may be allowed to state that these Conveniences have filled a long felt public want in these neighbourhoods, and have been the means of remedying to a great extent the evils complained of so bitterly by the residents in the immediate locality.

These Conveniences have been let to Mr. George Jennings, of Lambeth, who provides the necessary attendance and cleaning materials, the Board paying for gas and water supplied.

I am not in a position to state whether these Conveniences are a financial success, but I learn that they are being more used than when first opened, both in the men's and women's departments, especially on Sundays and holidays.

Clifton Hill. The old slate and iron Urinal has also been removed, and a new ornamental structure fitted up with glazed stoneware stalls, and marble divisions, with automatic flushing arrangements (the first of its kind, I believe, in London), at a cost of £217 15s. 7d., including the cost of alterations to drains, water service and paving.

This erection is a great improvement from a sanitary point of view, and I am glad to say the public, apparently, appreciate the alteration, and I may state that the partitions and stalls have not in any way been defaced, as was the custom with the old slate Urinal.

The Wall Urinals at King William Street, Park Row, and Vanbrugh Hill, have been fitted with automatic flushing tanks, new sparge pipes and distributors, and gullies fitted with an overflow outlet to prevent flooding by the accumulation of light refuse on the horizontal gully grate. This work cost the sum of £28 3s.

#### RECREATION GROUND.

The addition to St. Nicholas Recreation Ground was opened on the 1st November, 1897, by the Chairman of St. Nicholas Parish Committee, Mr. A. Golding, and among those present

were the Earl of Meath, Chairman and Hon. Treasurer of the Metropolitan Gardens Association, and Basil Holmes, Esq., the Secretary of that Association.

This work cost the sum of £1,736 13s. 4d., but does not include the cost of providing and fixing the gymnastic apparatus, which was defrayed by the above Association.

### GENERALLY.

#### BOARD'S OFFICES.

In addition to the Clerical Work of this Department, surveys and plans for apportionment of the expenses of forming and paving works have been prepared for the following roads and streets:—

Craigerne Road	North Road
Marlton Street	Dollings Place
Musgrove Road	

Copies of these plans were also supplied to your Clerk's and Road Surveyor's Departments for Contract and other purposes.

Numerous plans and surveys have also been prepared for street improvements, new roads and sewers.

In addition to the foregoing I append tabulated statements of various matters dealt with by the Department during the past year.

I have the honour to be, Gentlemen,

Your obedient Servant,

ERNEST J. HEWARD, F.S.I.,

*Engineer and Surveyor.*

# PLANS OF NEW STREETS, &c., &c.

No. of Case.	Applicant.	Nature and Locality of Application.	Decision of Board.	Decision of L.C.C.
10549	E. Crosse	One-storey shop front, No. 112, Woodpecker Road.	Approved.	Consent.
10313	T. Sawyer	Line of frontage north side Ashburnham Road.	Dis-approved.	Refused.
10655	C. J. Heryet	Line of frontage for 3 shops, Blackwall Lane, adjoining Greenfell Street.	Dis-approved.	Refused.
10101	J. J. Downes	To retain a fence erected in Summer Street, Tanners Hill.	Approved. That any gate existing or to be provided shall not open outwards.	
10716	J. J. Downes	Stabling west side of Lucas Street.	Approved.	Approved.
10313	W. T. Sawyer	Amending application for line of frontage north side of Ashburnham Road.	Dis-approved.	Consent.
11724	E. E. White	Line of frontage south side of Westcombe Park Road	Approved.	Consent.
12063	J. J. Downes	Give and take line at the "Harp of Erin" B.H. junction of New King Street and Watergate Street.	No Observations.	Refused.
10655	C. J. Heryet	Amending plan as above and line of frontage for shops, Grafton Terrace, Blackwall Lane.	Approved.	Consent.
12391	J. Webster	Line of frontage for one-story shops, Nos. 114 to 126, Woodpecker Road.	No Objection, provided land (colored blue) thrown in Highway.	Consent.
12575	Lansdown & Son	New streets out of Woodpecker Road and north of Knoyle Street.	Dis-approved.	Refused.
12580	Barnes Williams	Line of frontage north side of Hoskins Street, Greenwich.	Dis-approved.	Refused.
12671	Brown, Norman & Brown	New streets between Woodpecker Road and Cold Blow Lane.	Dis-approved.	Refused.
12671	Brown, Norman & Brown	Amending above application.		
12753	J. Webster	Permission to build one-storey shop on forecourt of No. 176, New Cross Road.	Approved.	Consent.



PLANS OF NEW STREETS, &c.—*continued.*

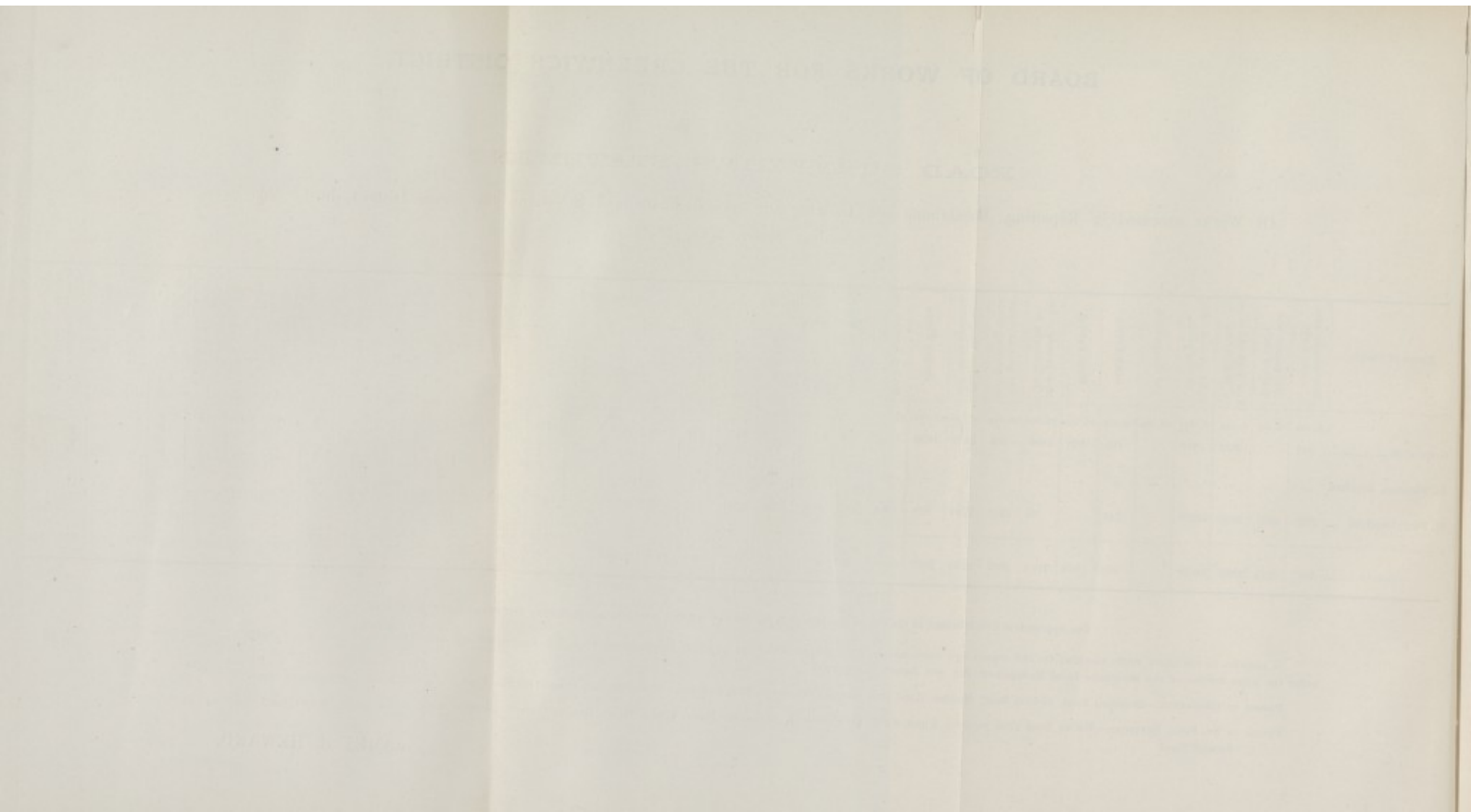
No. of Case.	Applicant.	Nature and Locality of Application.	Decision of Board.	Decision of L.C.C.
12783	Greater London Property Company	To erect a block of dwellings south side of Trinity Street, Greenwich.	Approved.	Refused.
12863	Flower & Everett	To erect sheds at their wharf, Bugsbys Hole, River Wall.	Approved.	Consent.
12896	H. J. Miller	Iron building in rear of the "Dover Castle" P. H., Church Street, Greenwich.	Approved.	Refused.
12935	J. J. Downes	To erect two-storey buildings in rear of Nos. 199 and 201, Lewisham High Road.	Approved.	Refused.
12935	J. J. Downes	Amended plan.	Approved.	Consent.
12788	A. Lewis	To place pilasters to shop front of No. 489, New Cross Road	Approved.	
13075	E. E. White	Widening of Park Wall south of Westcombe Park Road and east side of Maze Hill.	Approved.	Consent.
13252	Wilson for Farnan	To erect one-storey shops on forecourts of Nos. 253A, 255A, 257, 259 and 261, New Cross Road.	Approved.	
13283	Symes for Beck	To erect one-storey shops on forecourts of houses, Nos. 190 to 198, alternate Nos., Trundley Road, and one in Sanford Street.	Approved.	Refused.
13251	Jones for Vavasseur	To erect 6 cottages in Mauritius Road adjoining Rothbury Hall.	Dis-approved.	Refused.

## LONDON COUNTY COUNCIL ORDERS.

Present Name.	Proposed Names, &c.	Date of Order.
Circus Street ..	Re-numbering and abolishing subsidiary names	6th April, 1897
Blackwall Lane ..	Re-naming portion Dreadnought street	20th July, 1897
Sarah Place (Haddo Street) ..	Re-named Haddo Place ..	19th October, 1897
Victoria Place (Blissett Street) ..	Re-named Darnall Place ..	"
Frederick Street (Thames Street) ..	Re-named Rockfield Street	"
Cross Street (Bridge Street) ..	Re-named Welland Street ..	"
Grove Place (Blissett Street) ..	Re-named Renbold Place ..	"
Park Street and Lower Park Street ..	Re-naming these thoroughfares, Park Street, and re-numbering the houses accordingly	14th December, 1897









## GREENWICH.

### STATEMENT SHEWING THE COST OF COLLECTING THE MUD AND ROAD SWEEPINGS FROM THE SEVERAL HIGHWAYS IN THE ABOVE PARISH.

From the 25th March, 1897, to the 25th March, 1898.

	£	s.	d.
Cost of Manual and Horse Labour on (1,751 Board's Horses, 1,110 Hired Horses) 2,861 Horses, Carts and Men, including Tools, &c., @ 10s per set	1,430	10	0
Three men filling carts for 52 weeks, @ 24s. per week	187	4	0
One man attending to Shoot for 26 weeks, @ 20s. per week	26	0	0
Cost of Barging away	375	5	6
	£2,018	19	6

The number of loads collected during the year was 11,047, shewing an average cost of 3s. 8d. per load.

JAMES R. HEWARD,  
*Road Surveyor.*

### STATEMENT SHEWING THE COST OF COLLECTING THE HOUSE REFUSE FROM THE SEVERAL HOUSES IN THE ABOVE PARISH.

From the 25th March, 1897, to the 25th March, 1898.

	£	s.	d.
Cost of Manual and Horse Labour on (4,351 Board's Horses, 1 Hired Horse) 4,352 Horses, Carts and Men including Baskets, Ladders, &c., @ 10s. 6d. per set	2,284	16	0
Cost of collecting 12,784 loads of House Refuse	639	4	0
Cost of Superintendents	117	0	0
One man attending to Shoot at Board's Wharf for 26 weeks, @ 20s. per week	26	0	0
Cost of Barging away	1,322	10	1
	£4,389	10	1

Shewing an average cost of 6s. 10d. per load.

JAMES R. HEWARD,  
*Road Surveyor.*

### STATEMENT SHEWING THE COST OF WATERING THE SEVERAL HIGHWAYS IN THE ABOVE PARISH.

From the 25th March, 1897, to the 25th March, 1898.

	£	s.	d.
Cost of Water from the Kent Water Works Company for the Year	730	11	8
Cost of Manual and Horse Labour on (779 Board's Horses, 1,149 Hired Horses) 1,928 horses, @ 10s. per set	964	0	0
Cost equal to Hire of Carts and Vans:—			
21 Vans @ £5	105	0	0
2 Carts @ £3	6	0	0
Cost of Hydrants and Repairs )			
Cost of New Hose and Repairs )	74	5	6
Allow for Supervision	46	16	0
	£1926	13	2

Showing an average cost of £52 1s. per mile.

JAMES R. HEWARD,  
*Road Surveyor.*

## ST. PAUL, DEPTFORD.

### STATEMENT SHEWING THE COST OF COLLECTING THE MUD AND ROAD SWEEPINGS FROM THE SEVERAL HIGHWAYS IN THE ABOVE PARISH.

From the 25th March, 1897, to the 25th March, 1898.

	£	s.	d.
Cost of Manual and Horse Labour on (2,246 Board's Horses, 1,099 Hired Horses) 3,345 Horses, Carts and Men, including tools, &c, @ 10s. per set .. .. .	1,672	10	0
Four men filling Carts for 52 weeks, @ 24s. per week .. .. .	249	12	0
Allow for Men attending to Shoots and loading Barges at Wharf .. .. .	50	14	0
Cost of Barging away .. .. .	784	2	6
	£2,756	18	6

The number of loads collected during the year was 12,758,  
shewing an average cost of 4s. 3d. per load.

JAMES R. HEWARD,

*Road Surveyor.*

### STATEMENT SHEWING THE COST OF COLLECTING THE HOUSE REFUSE FROM THE SEVERAL HOUSES IN THE ABOVE PARISH.

From the 25th March, 1897, to the 25th March, 1898.

	£	s.	d.
Cost of Manual and Horse Labour on (5,381 Board's Horses, -- Hired Horses) 5,381 Horses, Carts and Men, including Baskets, Ladders, &c., @ 10s. 6d. per set .. .. .	2,825	6	0
Cost of collecting 22,748 loads of House Refuse, @ 1s. per load .. .. .	1,137	8	0
Cost of Superintendents .. .. .	175	16	0
One man attending to Shoot for 26 weeks, @ 26s. per week...	33	16	0
Cost of Dust Shoots .. .. .	637	2	6
Cost of Barging away .. .. .	1,433	14	0
	£6242	17	0

Shewing an average cost of 5s. 6d per load.

JAMES R. HEWARD,

*Road Surveyor.*

### STATEMENT SHEWING THE COST OF WATERING THE SEVERAL HIGHWAYS IN THE ABOVE PARISH.

From the 25th March, 1897, to the 25th March, 1898.

	£	s.	d.
Cost of Water from the Kent and Southwark and Vauxhall Water Companies for the Year .. .. .	911	16	6
Cost of Manual and Horse Labour on (612 Board's Horses, 1,207 Hired Horses) 1,819 Horses @ 10s. per set. .. .. .	909	10	0
Cost equal to Hire of Vans and Carts:—			
26 Vans @ £5 .. .. .	130	0	0
2 Carts @ £2 .. .. .	4	0	0
Cost of New Hydrants and Repairs } .. .. .	134	3	2
Cost of New Hose and Repairs } .. .. .			
Allow for Supervision .. .. .	31	4	0
	£2,120	13	8

Shewing an average cost of £46 2s. per mile.

JAMES R. HEWARD,

*Road Surveyor.*





Board of Works for the Greenwich District.

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STATEMENT AND ACCOUNT OF ALL CONTRACTS

ENTERED INTO,

AND OF

ALL MONEYS RECEIVED AND EXPENDED

*During the Year ended March 25th, 1898,*

AND ALSO OF

ARREARS OF CALLS, AND OTHER MONEYS

OWING TO, AND ALL MORTGAGES

AND OTHER DEBTS AND LIABILITIES

OWING BY, THE SAID BOARD,

**On the 25th March, 1898.**

## BOARD OF WORKS FOR THE GREENWICH DISTRICT.

Statement and Account of all Contracts entered into by the Board of Works for the Greenwich District, during the  
Year ended 25th March, 1898.

### CONTRACTS FOR THE PERFORMANCE OF GENERAL WORKS AND SUPPLY OF MATERIALS.

Date of Contract.	Name of Party with whom Contract was made.	Nature of Works to be performed, and Materials to be supplied.	Observations.
April 22nd, 1897.....	John Hammerton Taylor and John Alexander Gardiner	Clover, Rye Grass and Clover Mixture, Sainfoin, Hay, Wheat Straw, and Oat Straw, for the Board's Horses in Greenwich.	From the 26th March, 1897, to the 29th September, 1897.
Ditto .....	Ditto ditto	Clover, Rye Grass and Clover Mixture, Sainfoin, Hay, Wheat Straw, and Oat Straw, for the Board's Horses in St. Paul, Deptford.	Ditto.
Ditto .....	Ditto ditto	Clover, Rye Grass and Clover Mixture, Sainfoin, Hay, Wheat Straw, and Oat Straw, for the Board's Horses in St. Nicholas, Deptford.	Ditto.
Ditto .....	James Murray .....	Oats, Beans, and Linseed, for the Board's Horses in St. Paul, Deptford.	Ditto.
Ditto .....	Henry Francis Agar.....	Oats, Beans, Bran, and Linseed, for the Board's Horses in St. Nicholas, Deptford.	Ditto.
May 4th, 1897 .....	Frederick John Corder and Alfred Conyers Haycraft .....	Oats, Beans, and Linseed, for the Board's Horses in Greenwich.	Ditto.
May 8th, 1897 .....	George Jennings .....	To take the underground Sanitary Convenience, near the junction of South Street with London Street, Greenwich, and to keep the same and all fittings, and articles therein in good and substantial repair, and to provide male and female attendants thereto.	Three years from the 10th day of May, 1897.



CONTRACTS FOR THE PERFORMANCE OF GENERAL WORKS AND SUPPLY OF MATERIALS—*continued.*

Date of Contract.	Name of Party with whom Contract was made.	Nature of Works to be performed, and Materials to be supplied.	Observations.
June 12th, 1897.....	William Mills .....	Repairing, repainting, and redecorating Oak House, East Street, Greenwich.	
June 16th, 1897.....	William Horsfall Vint and Samuel Walter Vint.....	Supplying and delivering into the Board's Yard, at Chester Street, East Greenwich, 3,000 feet superficial of best blue or grey 3-inch tooled Yorkshire stone, and 3,000 feet superficial of best blue or grey 2½-inch tooled Yorkshire stone.	
July 28th, 1897.....	Edmund Fry and George Frederick Fry .....	Forming and paving, as a new street, Marlton Street, in the Parish of Greenwich.	
Ditto .....	Ditto ditto .....	Forming and paving, as a new street, Craigerne Road, in the Parish of Greenwich.	
Ditto .....	Ditto ditto .....	Forming and paving, as a new street, Musgrove Road, in the Parish of St. Paul, Deptford.	
Ditto .....	Ditto ditto .....	Forming and paving, as a new street, the portion of North Road, in the Parish of Saint Paul, Deptford, which extends from the paving already laid down by the Board, for a distance of about 470 feet northwards.	
Ditto .....	Ditto ditto .....	Forming and paving, as a new street, Dollings Place, in the Parish of St. Paul, Deptford.	
August 3rd, 1897 .....	John Mowlem Burt, William Robert Freeman, and George Burt	Paving with new Norwegian granite cubes, the roadway of the portion of Bridge Street, in the Parish of Greenwich, extending from the Creek Bridge to the eastern side of Norway Street, and laying a Guernsey granite flat kerb channel on both sides of such portion of that roadway.	
August 10th, 1897.....	Coopers, Limited .....	Supplying and landing at the Board's Wharf, on Deptford Creek, Deptford, 3,000 feet superficial of best blue or grey 3-inch tooled Yorkshire stone, and 3,000 feet superficial of best blue or grey 2½-inch tooled Yorkshire stone.	

CONTRACTS FOR THE PERFORMANCE OF GENERAL WORKS AND SUPPLY OF MATERIALS—*continued.*

Date of Contract.	Name of Party with whom Contract was made.	Nature of Works to be performed, and Materials to be supplied.	Observations.
June 12th, 1897.....	William Mills .....	Repairing, repainting, and redecorating Oak House, East Street, Greenwich.	
June 16th, 1897.....	William Horsfall Vint and Samuel Walter Vint.....	Supplying and delivering into the Board's Yard, at Chester Street, East Greenwich, 3,000 feet superficial of best blue or grey 3-inch tooled Yorkshire stone, and 3,000 feet superficial of best blue or grey 2½-inch tooled Yorkshire stone.	
July 28th, 1897.....	Edmund Fry and George Frederick Fry .....	Forming and paving, as a new street, Marlton Street, in the Parish of Greenwich.	
Ditto .....	Ditto ditto .....	Forming and paving, as a new street, Craigerne Road, in the Parish of Greenwich.	
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Ditto .....	Ditto ditto .....	Forming and paving, as a new street, Dollings Place, in the Parish of St. Paul, Deptford.	
August 3rd, 1897 .....	John Mowlem Burt, William Robert Freeman, and George Burt	Paving with new Norwegian granite cubes, the roadway of the portion of Bridge Street, in the Parish of Greenwich, extending from the Creek Bridge to the eastern side of Norway Street, and laying a Guernsey granite flat kerb channel on both sides of such portion of that roadway.	
August 10th, 1897.....	Coopers, Limited .....	Supplying and landing at the Board's Wharf, on Deptford Creek, Deptford, 3,000 feet superficial of best blue or grey 3-inch tooled Yorkshire stone, and 3,000 feet superficial of best blue or grey 2½-inch tooled Yorkshire stone.	

AND SUPPLY OF MATERIALS



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CONTRACTS FOR THE PERFORMANCE OF GENERAL

WORKS AND SUPPLY OF MATERIALS—*continued.*

Date of Contract.	Name of Party with whom Contract was made.	Nature of Works to be performed, and Materials to be supplied.	Observations.
August 12th, 1897.....	John Mowlem Burt, William Robert Freeman, and George Burt	Forming and paving, as a new street, the portion of Humber Road, in the Parish of Greenwich, which extends from Ruthin Road to Mycenæ Road.	
August 18th, 1897.....	George Jennings .....	To take the underground Sanitary Convenience at New Cross Gate, St. Paul, Deptford, and to keep the same and all fittings and articles therein in good and substantial repair, and to provide male and female attendants thereto.	Three years from the 19th of August, 1897.
October 5th, 1897 .....	John Hammerton Taylor and John Alexander Gardiner .....	Clover, Rye Grass and Clover Mixture, Sainfoin, Hay, Wheat Straw and Oat Straw, for the Board's Horses in Greenwich.	From the 30th September, 1897, to the 25th March, 1898.
Ditto .....	Ditto ditto .....	Clover, Rye Grass and Clover Mixture, Sainfoin, Hay, Wheat Straw and Oat Straw, for the Board's Horses in Saint Paul, Deptford.	From the 30th September, 1897, to the 30th March, 1898.
Ditto .....	Ditto ditto .....	Clover, Rye Grass and Clover Mixture, Sainfoin, Hay, Wheat Straw, and Oat Straw, for the Board's Horses in Saint Nicholas, Deptford.	Ditto.
October 7th, 1897.....	Herbert Stillwell Shipton .....	Oats and Linseed for the Board's Horses in Saint Paul, Deptford.	Ditto.
October 12th, 1897.....	James Murray .....	Oats, Beans, Bran, and Linseed, for the Board's Horses in Saint Nicholas, Deptford.	Ditto.
October 19th, 1897.....	Frederick John Corder and Alfred Conyers Haycraft .....	Oats, Beans, and Linseed, for the Board's Horses in Greenwich.	Ditto.
October 27th, 1897.....	Elizabeth Milnes .....	Supplying and landing at Board's Wharf, on Deptford Creek, Deptford, 3,000 feet superficial of best blue or grey tooled Yorkshire stone, and 3,000 feet superficial of best blue or grey 2½-inch tooled Yorkshire stone.	





CONTRACTS FOR THE PERFORMANCE OF GENERAL

WORKS AND SUPPLY OF MATERIALS—continued.

Date of Contract.	Name of Party with whom Contract was made.	Nature of Works to be performed, and Materials to be supplied.	Observations.
November 15th, 1897 .....	Oswald Stoll .....	To pay to the Board the sum of £400 by way of contribution towards the cost of an Improvement to be effected by the Board opening up the northern end of Watson Street, Deptford, by carrying through that street, as a public thoroughfare, into Douglas Street, and for that purpose acquiring the two houses known as Nos. 50 and 50a, Douglas Street, situate at, and immediately adjoining the narrow passage known as Watson's Avenue; also to dedicate to the use of the public, and for that purpose to demolish any buildings upon, the piece of land lying on the east side of Watson Street, and shewn coloured blue on the plan annexed to the Contract; also to form a passage, shewn coloured yellow on the said plan, connecting Watson Street with Charles Street; the Board, on its part, to pave, drain, take over and for ever afterwards maintain the said passage free of expense to the adjoining owners, and to permit the persons having stables abutting on the said passage ingress and egress for their carts.	
November 27th, 1897 .....	Alexander Wilson .....	Erecting a dwarf wall and iron fencing in portions of South Street and Greenwich Road, Greenwich, and for other works in connection therewith, in accordance with the plan and specification.	
February 22nd, 1898 .....	John Mowlem Burt, William Robert Freeman, and George Burt	Paving with new Aberdeen granite cubes the roadway of a portion of the Creek Road, in the Parish of Saint Nicholas, Deptford, and laying a Guernsey granite flat kerb channel on both sides of such cube paving.	

Examined and found correct,

(Signed) WM. BAKER,  
THOS. H. BARKER, } AUDITORS.  
W. G. WATTS, }  
24th May, 1898.

(Signed) R. HUGH SLOLEY, } AUDITOR.  
Chartered Accountant, }  
10th June, 1898.



# BOARD OF WORKS FOR THE GREENWICH DISTRICT.

## BALANCE SHEET, 25th MARCH, 1898.

Dr.	£	s.	d.	£	s.	d.	Cr.	£	s.	d.	£	s.	d.
To Greenwich General Rate ... ..	560	4	6				By Greenwich Calls upon Overseers unpaid—						
Ditto Lighting Rate ... ..	66	19	3				General Rate ... ..	5,842	6	4			
Ditto Sewers Rate ... ..	544	18	7				Sewers Rate ... ..	1,000	0	0			
Ditto Loans and Interest—							Lighting Rate... ..	938	0	0			
Sewers... ..	1,128	13	11				7,780	6	4				
Ditto Loans and Interest—							Greenwich Sewer Entries ... ..				9	16	5
Paving... ..	926	14	0				Ditto Extras on ditto ... ..				9	17	10
Blackwall Lane Sewer (reconstruction)	742	9	6				Ditto Special Paving ... ..				655	3	5
				3,969	19	9	St. Paul, Deptford, Calls upon Overseers unpaid—						
St. Paul, Deptford, General Rate ...	2,157	9	11				General Rate ... ..	£6,303	10	2			
Ditto Lighting Rate ... ..	119	2	6				Lighting Rate ... ..	10	0	0			
Ditto Sewers Rate ... ..	197	5	5				6,304	0	2				
Ditto Sewer Entries ... ..	7	0	3				St. Paul, Deptford, Extras on Sewer Entries				80	7	11
Ditto Loans and Interest—							St. Nicholas, Deptford, Calls upon						
Sewers... ..	1,205	12	2				Overseers unpaid—						
Ditto Loans and Interest—							General Rate ... ..	£1,280	13	2			
Paving... ..	236	11	5				Lighting Rate... ..	75	10	0			
Ditto Loans and Interest—							1,356	3	2				
Wharves ... ..	203	9	8				St. Nicholas, Deptford, Sewer Entries				1	16	10
Telegraph Hill (Open Space) Loan	200	0	0				Greenwich Sewers Loans and						
and Interest ... ..				4,326	11	4	Principal Account ... ..	£700	0	0			
St. Nicholas, Deptford, General Rate	630	10	8				Ditto Paving ditto... ..	4,464	0	0			
Ditto Lighting Rate ... ..	4	11	3				Ditto Freehold Land ditto... ..	734	0	0			
Ditto Sewers Rate ... ..	101	1	7				Ditto Sanitary						
Ditto Loans and Interest—							Convenience ditto... ..	1,549	8	11			
Sewers... ..	202	2	2				St. Paul, Deptford, Sanitary						
Ditto Special Paving... ..	4,500	0	0				Convenience ditto... ..	1,880	5	9			
				5,438	5	8	Ditto Sewers ditto... ..	1,800	0	0			
Vestry of St. Giles, Camberwell ...				218	15	7	Ditto Paving ditto... ..	5,750	0	0			
Sums deposited for Licenses ... ..				238	10	0	Ditto Wharf No. 1 ditto... ..	1,380	0	0			
Depositors as Guarantee ... ..				45	0	0	Ditto Wharf No. 2 ditto... ..	1,556	0	0			
London Life Association ... ..	1,500	0	0				Ditto Telegraph Hill						
Sun Life Assurance Society ... ..	1,000	0	0				(Open Space) ditto... ..	400	0	0			
London County Council (Loans) ...	53,785	7	10				Ditto Hilly Fields						
				56,285	7	10	(Open Space) ditto... ..	6,777	15	0			
Lewisham District Board of Works ...				157	5	4	Ditto New Cross Bridge ditto... ..	105	0	0			
The Guardians of the Poor of the							Ditto Deptford Park						
Greenwich Union ... ..				277	2	3	(Open Space) ditto... ..	8,053	17	6			
Sundry Creditors, as per General							St. Nicholas, Deptford, Paving ditto... ..	4,500	0	0			
Ledger ... ..				7,946	3	2	Ditto Recreation Ground ditto ..	729	10	5			
School Board for London ... ..				10,852	9	8	Canterbury Road Bridge Loan and						
New Streets—							Principal Account ... ..	977	0	0			
Payments made by owners,							Blackhorse Bridge ditto... ..	1,050	0	0			
Greenwich as per List A	1,533	13	5				Board's Offices, Land ditto... ..	884	0	0			
St. Paul, Deptford, ditto B	688	17	5				Ditto Building ditto... ..	1,728	0	0			
				2,222	10	10	Evelyn Street Improvement ditto... ..	11,266	10	3			
Apportionments—							56,285	7	10				
Greenwich, Paving, as per List 1	1,314	18	3				South Street, Greenwich, Improvement				575	13	1
St. Paul, Deptford, Paving ditto 2	1,122	7	0				Evelyn Street to Creek Road Improvement				73	5	6
				2,437	5	3	St. Nicholas, Deptford, Recreation Ground, Enlarge-						
Contributors' Ledger, as per List 3							ment and Improvement (Capital Account) ...	387	14	3			
							Greenwich Vestry ... ..	20	0	0			
							London County Council General Account ... ..	68	11	7			
							Lee District Board of Works ... ..	76	17	6			
							Sundry Debtors ... ..	64	15	1			
							Amounts owing on Apportionments—						
							Contributors' Ledger, as per List E ... ..	2,437	5	3			
							Streets Ledger—						
							Greenwich Paving, as per List C	396	8	8			
							St. Paul, Deptford, Paving ditto D	830	15	9			
							1,227	4	5				
							Deposit Account ... ..	4,500	0	0			
							Balance as per Cash Book ... ..	12,398	19	6			
							Wages Account... ..	110	1	1			
							17,009	0	7				
							£94,423	7	2				
							£94,423	7	2				

Examined and found correct.

(Signed) F. DUDLEY KEEN, ACCOUNTANT.

(Signed)

WM. BAKER,  
T. H. BARKER, } AUDITORS.  
W. G. WATTS, }

24th MAY, 1898.

(Signed) R. HUGH SLOLEY, Chartered Accountant, AUDITOR.

10th JUNE, 1898.

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BRUNNEN SHEET FOR MARCH 1958

BOARD OF MONIES FOR THE ONSEMINICH DISTRICT

# THE BOARD OF WORKS FOR THE GREENWICH DISTRICT.

*Statement and Account of all Moneys Received and Expended during the year ended 25th March, 1898, under the Metropolis Local Management Act, 18th and 19th Vic., cap. 120, and subsequent Acts.*

## R E C E I P T S .

	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Amount received by Treasurer from Overseers (as per Pass Book), in respect of Precepts:—												
General Rate... ..	33738	19	11	48320	10	5	3839	2	2	85898	12	6
Lighting „ ... ..	3572	0	0	5409	0	0	225	10	0	9206	10	0
Sewers „ ... ..	4829	0	0	4273	0	0	519	0	0	9621	0	0
Paving Apportionments ... ..	3810	14	11	1478	15	6	.....			5289	10	5
Lee District Board of Works, <i>re</i> Boundary Roads and use of Sewer	77	4	0	.....			.....			77	4	0
Lewisham District Board of Works ...	14	19	2	..	..	..	.....			14	19	2
London County Council, <i>re</i> County Bridge... ..	34	0	0	34	0	0	.....			68	0	0
Ditto—Sum agreed to be paid with respect to Watering, and for Removing Refuse swept up on Deptford Creek Bridge ... ..	2	0	0	.....			.....			2	0	0
Ditto—Moiety of Salaries of Sanitary Inspectors ... ..	237	10	0	327	5	1	37	10	0	602	5	1
Ditto—Drain Junctions ... ..	.....			1	5	9	14	9		2	0	6
Ditto—Grant out of the “Equalisation Fund”... ..	4478	9	10	7949	5	4	556	10	4	12984	5	6
Sewer Entries ... ..	236	0	0	339	0	0	29	0	0	604	0	0
Extras on Sewer Entries ... ..	52	8	9	103	1	10	19	2		156	9	9
Advertisements on Hoardings ... ..	.....			4	10	0	.....			4	10	0
Sale of Manure ... ..	.....			9	0	0	.....			9	0	0
Ditto Live and Dead Stock ... ..	24	4	0	167	12	0	34	4	6	226	0	6
Ditto Old Stores .. ... ..	9	14	5	6	10	11	6	9	1	22	14	5
Removal of Trade Refuse ... ..	.....			25	18	10	.....			25	18	10
London County Council Loans—												
New Cross Gate Public Sanitary Convenience ... ..	.....			1900	0	0	.....			1900	0	0
Paving ... ..	.....			.....			4500	0	0	4500	0	0
Braby & Co.—Cost of Construction of Manhole ... ..	.....			14	15	10	.....			14	15	10
Macfarlane & Co.—Rebate on Charge for Clifton Hill Urinal ... ..	.....			9	5	0	.....			9	5	0
<i>Carried forward</i> ... ..	£51,117	5	0	70,372	16	6	9,749	0	0	131,239	1	6



RECEIPTS—*continued.*

	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.			
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	
<i>Brought forward</i> ...	51,117	5	0	70,372	16	6	9,749	0	0	131,239	1	6	
Oswald Stoll—Contribution towards cost of Watson Street Improvement				400	0	0				400	0	0	
Fry Bros.—Cost of Sewer Entry		5	3								5	3	
Her Majesty's Admiralty—Ditto		7	2	7							7	2	
Dowell & Co.—Construction of Gully	13	19	6								13	19	
Miscellaneous		14	0								14	0	
Interest on Loans on Deposit		5	1	10	3	16	3	3	1	2	11	19	
	<u>£51,144</u>	<u>8</u>	<u>2</u>	<u>70,776</u>	<u>12</u>	<u>9</u>	<u>9,752</u>	<u>1</u>	<u>2</u>	<u>131,673</u>	<u>2</u>	<u>1</u>	
											£	s.	d.
Deposits— <i>re</i> Ground Opening and Hoarding Licenses											211	0	0
Metropolitan Asylums Board—Repayment on account of Fees paid for Certificates of Infectious Disease											219	10	6
Repayment on account of Cost of Summonses											3	3	0
Adulteration and other Acts—Fines											17	10	0
Ditto ditto Costs											14	13	0
Sale of Annual Reports													8
Greenwich Vestry—Hire of Board Room											20	0	0
London County Council—Further Loan towards the cost of Improvement, Evelyn Street to Creek Road											3,330	0	0
Alliance Assurance Company—Cost of Damage by Fire											2	10	0
											<u>*£3,818</u>	<u>7</u>	<u>2</u>

\* This amount entered in Summary as "Various."

**EXPENDITURE.**

GENERAL RATE.	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
<b>REPAIRS TO PUBLIC ROADS AND PAVEMENTS—</b>												
Materials	5005	12	2	4523	5	6	403	15	8	9932	13	4
Labour	4020	3	2	5145	8	0	366	18	10	9532	10	0
Horse Hire	616	15	9	641	0	0				1257	15	9
Freightage	398	17	3	800	2	0	105	10	6	1304	9	9
Lewisham Board of Works	172	4	6							172	4	6
Camberwell Vestry				65	4	4				65	4	4
Hire of Steam Roller				31	17	6	1	14	0	33	11	6
Watering	1536	14	9	1758	12	2	106	3	9	3401	10	8
Wages of Pavement and Road Inspector					132	10	0			132	10	0
<i>Carried forward</i>	<u>£11,750</u>	<u>7</u>	<u>7</u>	<u>13,097</u>	<u>19</u>	<u>6</u>	<u>984</u>	<u>2</u>	<u>9</u>	<u>25,832</u>	<u>9</u>	<u>10</u>

## EXPENDITURE—continued.

	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
<i>Brought forward</i> ...	11,750	7	7	13,097	19	6	984	2	9	25,832	9	10
Contribution towards the cost of Evelyn Street to Creek Road Improvement ...	850	10	10	1395	7	2	1122	19	0	3368	17	0
<b>NEW STREETS—Forming and Paving—</b>												
Glenluce Road ...	†237	0	0	.....	.....	.....	.....	.....	.....	237	0	0
Dornberg Road ...	*412	0	0	.....	.....	.....	.....	.....	.....	412	0	0
Siebert Road ...	*1132	0	0	.....	.....	.....	.....	.....	.....	1132	0	0
Armitage Road (No. 3) ...	*92	0	0	.....	.....	.....	.....	.....	.....	92	0	0
Selcroft Road (No. 3) ...	*96	0	0	.....	.....	.....	.....	.....	.....	96	0	0
Collerston Road (No. 3) ...	*77	0	0	.....	.....	.....	.....	.....	.....	77	0	0
Vanbrugh Hill ...	†723	0	0	.....	.....	.....	.....	.....	.....	723	0	0
Humber Road (No. 2) ...	*205	0	0	.....	.....	.....	.....	.....	.....	205	0	0
Conington Road ...	*629	0	0	.....	.....	.....	.....	.....	.....	629	0	0
Banchory Road ...	†514	10	0	.....	.....	.....	.....	.....	.....	514	10	0
Blockhouse Street (No. 2) ...	.....	.....	.....	*261	0	0	.....	.....	.....	261	0	0
Upcot Street (No. 2) ...	.....	.....	.....	*270	0	0	.....	.....	.....	270	0	0
Rollins Street ...	.....	.....	.....	†187	10	0	.....	.....	.....	187	10	0
Waller Road (No. 2) ...	.....	.....	.....	†254	0	0	.....	.....	.....	254	0	0
Charles Place ...	.....	.....	.....	*73	0	0	.....	.....	.....	73	0	0
Zampa Road ...	.....	.....	.....	*400	0	0	.....	.....	.....	400	0	0
Stockholm Road ...	.....	.....	.....	*150	0	0	.....	.....	.....	150	0	0
Haydock Road ...	.....	.....	.....	*100	0	0	.....	.....	.....	100	0	0
Bolina Road ...	.....	.....	.....	*85	0	0	.....	.....	.....	85	0	0
Senegal Road ...	.....	.....	.....	*120	0	0	.....	.....	.....	120	0	0
Erlam Road ...	.....	.....	.....	*40	0	0	.....	.....	.....	40	0	0
Charles Street (A) ...	.....	.....	.....	†74	5	0	.....	.....	.....	74	5	0
Charles Street (C) ...	.....	.....	.....	†73	10	0	.....	.....	.....	73	10	0
South Street, Greenwich, Improvement	†1112	11	6	.....	.....	.....	.....	.....	.....	1112	11	6
<b>REMOVAL OF HOUSE AND TRADE REFUSE—</b>												
Labour ...	2208	13	11	2677	8	5	173	7	3	5059	9	7
Horse Hire ...	21	12	0	.....	.....	.....	10	7	0	31	19	0
Freightage and Shoots ...	1322	10	1	2073	9	6	134	17	9	3530	17	4
Plant, Tools, and Repairs of same ...	232	4	3	a226	8	2	5	5	0	463	17	5
Painting and Repairs to Carts and Vans ...	306	7	10	a94	11	0	21	3	0	422	1	10
Purchase of Carts and Vans ...	133	17	0	106	0	0	.....	.....	.....	239	17	0
Purchase of Horses ...	312	0	0	674	0	0	.....	.....	.....	986	0	0
Horse Keep, including Harness and Repairs, Shoeing, &c. ...	1073	0	10	a1282	14	11	106	1	1	2461	16	10
<i>Carried forward</i> ...	£23,441	5	10	23,716	3	8	2,558	2	10	49,715	12	4

\* Amount of Contract. † On account of Contract. ‡ Balance of Contract.

a Exclusive of Labour in the Yard, and Iron, Steel and Timber used out of Stores, the value of which appears under "Yard Expenses," St. Paul, Deptford.

## EXPENDITURE—continued.

	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
<i>Brought forward</i> ...	23,441	5	10	23,716	3	8	2,558	2	10	49,715	12	4
Purchase of Bedding ...	1	6	3	.....	.....	.....	.....	.....	.....	1	6	3
Disinfecting Bedding, Disinfectants, &c. ...	102	13	6	134	19	6	35	7	8	273	0	8
RECREATION GROUNDS -												
St. Alphege ...	162	9	4	.....	.....	.....	.....	.....	.....	162	9	4
Ravensbourne ...	29	15	10	48	17	4	.....	.....	.....	78	13	2
Wellington Street ...	.....	.....	.....	.....	.....	.....	163	11	8	163	11	8
Wellington Street — Enlargement and Improvement (Residue) ...	.....	.....	.....	.....	.....	.....	1453	6	0	1453	6	0
WHARF AND YARD EXPENSES—												
Rents, Rates, Insurance, &c. ...	245	16	7	85	2	9	20	9	0	351	8	4
Gas and Water ...	32	19	1	40	3	10	1	15	4	74	18	3
Coal and Coke ...	30	15	8	61	1	6	10	6	.....	92	7	8
Wages (Proportion) ...	424	5	8	731	9	0	.....	.....	.....	1155	14	8
Iron, Steel, Timber, Paint, Oil, Varnish, &c. ...	63	7	6	110	19	11	7	6	.....	174	14	11
LOANS.												
REPAYMENT OF PRINCIPAL—												
Paving ...	496	0	0	1250	0	0	.....	.....	.....	1746	0	0
Land and Wharves ...	18	0	0	175	0	0	.....	.....	.....	193	0	0
New Cross Bridge ...	.....	.....	.....	5	0	0	.....	.....	.....	5	0	0
Canterbury Road Bridge ...	16	12	10	27	6	0	3	1	2	47	0	0
Blackhorse Bridge ...	17	14	1	29	0	10	3	5	1	50	0	0
Board's Offices ...	86	7	9	141	14	6	15	17	9	244	0	0
Telegraph Hill (Open Space) ...	.....	.....	.....	400	0	0	.....	.....	.....	400	0	0
Hilly Fields „ ...	.....	.....	.....	58	9	11	.....	.....	.....	58	9	11
Deptford Park „ ...	.....	.....	.....	74	3	1	.....	.....	.....	74	3	1
Recreation Ground ...	.....	.....	.....	.....	.....	.....	20	9	7	20	9	7
New Street, Evelyn Street to Creek Road ...	18	14	0	30	13	6	24	13	8	74	1	2
INTEREST—												
Paving ...	155	4	7	232	12	1	.....	.....	.....	387	16	8
Land and Wharves ...	25	9	0	106	2	5	.....	.....	.....	131	11	5
New Cross Bridge ...	.....	.....	.....	3	14	6	.....	.....	.....	3	14	6
Canterbury Road Bridge... ..	12	2	6	19	17	11	2	4	7	34	5	0
Blackhorse Bridge ...	13	3	7	21	12	4	2	8	5	37	4	4
Board's Offices ...	37	10	11	61	12	0	6	18	1	106	1	0
Telegraph Hill (Open Space) ...	.....	.....	.....	16	18	4	.....	.....	.....	16	18	4
Hilly Fields „ ...	.....	.....	.....	231	16	5	.....	.....	.....	231	16	5
Deptford Park „ ...	.....	.....	.....	236	1	4	.....	.....	.....	236	1	4
Recreation Ground ...	.....	.....	.....	.....	.....	.....	21	13	10	21	13	10
<i>Carried forward</i> ...	£25,431	14	6	28,050	12	8	4,334	2	8	57,816	9	10

EXPENDITURE—continued.

	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
<i>Brought forward</i> ...	25,431	14	6	28,050	12	8	4,334	2	8	57,816	9	10
<b>LOANS—INTEREST—continued.</b>												
New Street, Evelyn Street to Creek Road ...	67	11	6	110	17	5	89	4	5	267	13	4
*Income Tax ...										61	19	11
School Board for London—Payments under Precepts, including Election Expenses ...	16681	2	0	27232	12	5	3061	2	6	46974	16	11
Return of Surplus Apportionments ...	161	17	8	153	17	0	.....			315	14	8
*Return of Deposits <i>re</i> Licenses ...										207	10	5
<b>MISCELLANEOUS EXPENSES—</b>												
Illumination of Clocks—												
Christ Church ...	17	6	0	.....			.....			17	6	0
St. Alphege ...	36	7	6	.....			.....			36	7	6
Miscellaneous Expenses ...	211	0	5	328	7	9	29	12	3	569	0	5
Salaries of Medical Officers of Health	200	0	0	202	6	0	22	14	0	425	0	0
Ditto Sanitary Inspectors ...	572	19	0	897	5	8	90	2	6	1560	7	2
COMMON CHARGES ...	1435	3	1	2354	9	0	263	18	11	4053	11	0
<b>Total General Rate</b>	<b>£44,815</b>	<b>1</b>	<b>8</b>	<b>59,330</b>	<b>7</b>	<b>11</b>	<b>7,890</b>	<b>17</b>	<b>3</b>	<b>112,305</b>	<b>17</b>	<b>2</b>

\* These items are described as "Various" in the summary.

The following Notes are explanatory of certain items contained in this Statement.

	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
<b>WAGES.—Allocated to the following headings of Account, as under, viz. :—</b>												
Repairs to Roads, &c. ..	4020	3	2	5145	8	0	366	18	10	9532	10	0
Road Watering ..	210	7	3	124	1	0	30	0	0	364		
Materials ..	468	15	0	738	1	6	27	1	2	1233	17	8
House and Trade Refuse..	2208	13	11	2677	8	5	173	7	3	5059	9	7
Wharves ..	424	5	8	731	9	0	.....			1155	14	8
Disinfecting Bedding, &c. ..	43	4	1	67	15	0	.....			110	19	1
Public Conveniences ..	55	18	0	67	12	0	.....			123	10	0
Clerks of Works ..	53	13	4	26	10	10	47	10	0	127	14	2
Sanitary Officers, &c. ..	97	19	0	95	8	0	.....			193	7	0
Pavement and Road Inspector ..	.....			132	10	0	.....			132	10	0
St. Alphege Recreation Ground ..	130	0	0	.....			.....			130	0	0
Ravensbourne ,, ..	.....			.....			.....			71	0	0
Wellington Street ,, ..	.....			.....			108	17	0	108	17	0
Flushers' Wages ..	681	7	0	719	19	4	80	2	6	1481	8	10
Clerks of Works and Drainage Inspector ..	118	10	0	42	10	0	.....			161	0	0
River Wall ..	223	4	10	.....			.....			223	4	10
Sewers Maintenance ..	463	1	5	96	15	1	.....			559	16	6
Oak House ..	.....			.....			.....			13	5	0
Common Charges—Salaries ..	.....			.....			.....			151	10	0
Ditto ditto Miscellaneous ..	.....			.....			.....			3	17	8
Blackwall Lane Sewer ..	34	12	10	.....			.....			34	12	10
	<b>£9,233</b>	<b>15</b>	<b>6</b>	<b>10,665</b>	<b>8</b>	<b>2</b>	<b>833</b>	<b>16</b>	<b>9</b>	<b>20,972</b>	<b>13</b>	<b>1</b>

EXPENDITURE—continued.

NOTES—continued.

	Greenwich.			St. Paul, Deptford.			St. Nicholas, Deptford.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
FREIGHTAGE, £4,215 7s. 7d., distributed as under, viz. :—												
Highways .. .. .	398	17	3	800	2	0	105	10	6	1304	9	9
House Refuse Removal .. .. .	1322	10	1	1453	10	0	134	17	9	2910	17	10
	<u>£1,721</u>	<u>7</u>	<u>4</u>	<u>2,253</u>	<u>12</u>	<u>0</u>	<u>240</u>	<u>8</u>	<u>3</u>	<u>4,215</u>	<u>7</u>	<u>7</u>

	TOTAL.		
	£	s.	d.
* COMMON CHARGES are as under :—			
Salaries .. .. .	3022	14	10
Superannuation .. .. .	379	15	2
Travelling Allowance to Road Surveyor .. .. .	150	0	0
Guarantee Premiums .. .. .	9	17	6
Legal Expenses, Compensation, &c. .. .. .	32	11	10
Printing, Stationery and Advertisements .. .. .	633	4	10
Rates, Taxes, Insurance .. .. .	152	12	11
Coal, Coke, Gas, Water, &c. .. .. .	52	18	5
Notification of Infectious Disease .. .. .	219	16	0
Miscellaneous .. .. .	219	8	8
“Oak House” Temporary Shelter .. .. .	58	0	10
	<u>£4,931</u>	<u>1</u>	<u>0</u>

	£	s.	d.
* The Common Charges are charged to the several Rate Accounts as follows :—			
General Rates—Allocated according to Rateable Value .. .. .	4053	11	0
Sewers .. .. . Resolution of Board .. .. .	822	5	0
Lighting .. .. . .. .. .	55	5	0
	<u>£4,931</u>	<u>1</u>	<u>0</u>

HORSE HIRE.	Repairs to Public Roads & Pavements (Slopping).			Removal of House Refuse (Dusting).			Watering.			Materials.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Greenwich .. .. .	616	15	9	21	12	0	522	17	6	191	6	0	1352	11	3
St. Paul, Deptford .. .. .	641	0	0	....			605	0	0	325	14	0	1571	14	0
St. Nicholas, Deptford .. .. .	....			10	7	0	....			....			10	7	0
													<u>£2,934</u>	<u>12</u>	<u>3</u>

EXPENDITURE—*continued.*

SEWERS RATE.	<i>Greenwich.</i>			<i>St. Paul, Deptford.</i>			<i>St. Nicholas, Deptford.</i>			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
SEWERS MAINTENANCE—												
Repairs to Sewers, Gullies, and other Works ... ..	1021	18	10	324	12	0	37	5	9	1383	16	7
Flushers' Wages ... ..	681	7	0	719	19	4	80	2	6	1481	8	10
Clerks of Works ... ..	12	10	0	42	10	0	.....			55	0	0
Drainage Inspector ... ..	106	0	0	.....			.....			106	0	0
Blackwall Lane Sewer ... ..	34	12	10	.....			.....			34	12	10
Reconstruction of Clifton Hill Urinal	.....			202	0	7	.....			202	0	7
Maintenance of Public Conveniences	195	14	11	185	5	3	.....			381	0	2
Disinfectants, &c. ... ..	54	8	10	7	18	9	.....			62	7	7
Iron, Steel, Timber, Paint, Oil, Varnish, &c. ... ..	14	9	7	2	14	4	.....			17	3	11
Flushing Carts and Vans, and Repairs to same ... ..	18	4	0	4	12	0	.....			22	16	0
Horse Hire ... ..	11	5	0	6	10	0	.....			17	15	0
Tools and Repairs ... ..	15	1	7	27	8	7	.....			42	10	2
Sewer Entries ... ..	228	3	9	295	14	1	30	5	9	554	3	7
Returns on Sewer Entries ... ..	68	5	3	54	5	4	10	3	5	132	14	0
LOANS.												
REPAYMENT OF PRINCIPAL—												
Sewers ... ..	1966	13	4	2000	0	0	366	13	4	4333	6	8
Public Sanitary Conveniences ... ..	33	19	1	19	14	3	.....			53	13	4
INTEREST—												
Sewers ... ..	95	7	6	143	9	8	12	9	10	251	7	0
Public Sanitary Conveniences ... ..	45	17	1	27	13	2	.....			73	10	3
MAINTENANCE OF RIVER WALL—												
Materials ... ..	96	6	6	.....			.....			96	6	6
Wages ... ..	223	4	10	.....			.....			223	4	10
Lee Board of Works, for use of Sewer behind the Paragon, Blackheath ... ..	18	5	6	.....			.....			18	5	6
Miscellaneous Expenses ... ..	22	0	6	22	6	0	.....			44	6	6
South Street Public Sanitary Convenience ... ..	*940	19	8	.....			.....			940	19	8
New Cross Gate Public Sanitary Convenience ... ..	.....			†2274	16	10	.....			2274	16	10
Common Charges (proportion) ... ..	291	2	4	477	11	10	53	10	10	822	5	0
<b>Total Sewers Rate</b> ... ..	<b>£6,195</b>	<b>17</b>	<b>11</b>	<b>6,839</b>	<b>2</b>	<b>0</b>	<b>590</b>	<b>11</b>	<b>5</b>	<b>13,625</b>	<b>11</b>	<b>4</b>

\* Balance of Contract.

† Amount of Contract.

## LIGHTING RATE.

Gas Supply, New Lamps and Removals, &c. ... ..	3598	10	4	4282	12	10	294	10	2	8175	13	4
Camberwell Vestry, <i>re</i> Canterbury Road ... ..	.....			25	14	9	.....			25	14	9
Common Charges (proportion) ... ..	19	11	3	32	1	10	3	11	11	55	5	0
<b>Total Lighting Rate</b> ... ..	<b>£3,618</b>	<b>1</b>	<b>7</b>	<b>4,340</b>	<b>9</b>	<b>5</b>	<b>298</b>	<b>2</b>	<b>1</b>	<b>8,256</b>	<b>13</b>	<b>1</b>



# BOARD OF WORKS FOR THE GREENWICH DISTRICT.

## NEW STREETS.—PAVING WORKS.

PARISH.	STREET OR PLACE.	CASH BALANCE on the 26th March, 1897.		RECEIPTS.			PAYMENTS.			CASH BALANCE on the 25th March, 1898.		AMOUNTS DUE FROM OWNERS.
		In Credit.	In Debt.	Contributns. for Works.	Various.	Total.	Paving and other works.	Various.	Total.	In Credit.	In Debt.	
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
GREENWICH	Armitage Road, No. 3 .....			92 0 0		92 0 0	92 0 0		92 0 0			
	Collerston Road, No. 3 .....	6 0 0		14 0 0		14 0 0	77 0 0		77 0 0		57 0 0	57 0 0
	Humber Road .....		22 1 3	21 11 3		21 11 3					10 0	
	Selcroft Road, No. 3 .....	77 1 4		18 18 8		18 18 8	96 0 0		96 0 0			
	Charlton Road .....	111 16 4		49 12 1	+ 9 3 } + 20 9 2 }	70 10 6		*182 6 10	182 6 10			
	Westcombe Hill .....		320 17 11	158 11 1		158 11 1					162 6 10	162 6 10
	Davern Road .....		25 8 6								25 8 6	11 9 8
	Fairthorn Road .....		54 4 5								54 4 5	36 6 3
	Aldeburgh Street .....		7 13 9								7 13 9	7 13 9
	Dornberg Road .....	305 9 0		106 10 9	3	106 11 0	412 0 0		412 0 0			
	Glenluc Road .....	207 0 0		30 0 0		30 0 0	237 0 0		237 0 0			
	Siebert Road .....	1052 19 9		8 18 0	7 0 0	15 18 0	1132 0 0		1132 0 0		63 2 3	63 2 3
	Humber Road, No. 2 .....	108 11 6		45 5 7	25 0 0	70 5 7	205 0 0		205 0 0		26 2 11	26 2 11
	Vanbrugh Hill .....	134 15 11		807 1 5		807 1 5	723 0 0		723 0 0	218 17 4		22 2 8
	Banchory Road .....			636 0 0		636 0 0	514 10 0		514 10 0	121 10 0		50 0 0
	Conington Road .....			629 0 0		629 0 0	629 0 0		629 0 0			
	Marlton Street .....			540 0 0		540 0 0				540 0 0		230 0 0
Craigerne Road .....			653 6 1		653 6 1				653 6 1		648 13 11	
		2003 13 10	430 5 10	3810 14 11	52 18 8	3863 13 7	4117 10 0	182 6 10	4299 16 10	1533 13 5	396 8 8	1314 18 3

\*Surplus returned to owners.

†Surplus credited in lieu of payment.

‡Amount debited to Defaulting Contractor.

(Signed) F. DUDLEY KEEN, ACCOUNTANT.

(Signed) R. HUGH SLOLEY, Chartered Accountant, AUDITOR.  
10th JUNE, 1898.

Examined and found correct,

(Signed) Wm. BAKER,  
T. H. BARKER,  
W. G. WATTS, } AUDITORS.

23rd MAY, 1898.



BOARD OF WORKS FOR THE GREENWICH DISTRICT

NEW STREET WATER WORKS

DATE	DESCRIPTION OF WORK	AMOUNT PAID	BALANCE
1877	...	...	...
1878	...	...	...
1879	...	...	...
1880	...	...	...
1881	...	...	...
1882	...	...	...
1883	...	...	...
1884	...	...	...
1885	...	...	...
1886	...	...	...
1887	...	...	...
1888	...	...	...
1889	...	...	...
1890	...	...	...
1891	...	...	...
1892	...	...	...
1893	...	...	...
1894	...	...	...
1895	...	...	...
1896	...	...	...
1897	...	...	...
1898	...	...	...
1899	...	...	...
1900	...	...	...



THE BOARD OF WORKS FOR THE GREENWICH DISTRICT  
NEW STREET WATER WORKS

# BOARD OF WORKS FOR THE GREENWICH DISTRICT.

## NEW STREETS.—PAVING WORKS.

PARISH.	STREET or PLACE.	CASH BALANCE on the 26th March, 1897.		RECEIPTS.			PAYMENTS.			CASH BALANCE on the 25th March, 1898.		AMOUNTS DUE FROM OWNERS.		
		In Credit.	In Debt.	Contributns. for Works.	Various.	Total.	Paving and other works.	Various.	Total.	In Credit.	In Debt.			
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
ST. PAUL. DEPTFORD.	Gosterwood Street .....		111 8 3									111 8 3	62 7 11	
	Foxwell Street .....		55 3 11									55 3 11	55 5 0	
	Ashmead Road (No. 2) .....		21 11 9									21 11 9	20 5 1	
	Trundley's Lane .....		22 1 4									22 1 4	22 1 4	
	Wickham Gardens .....		6 13 6									6 13 6	6 13 6	
	Hoopwick Street (No. 2) .....		30 19 1									30 19 1	31 8 8	
	Hanlon Street .....		1 6 0		1 6 0		1 6 0							
	Tressillian Crescent .....		20 14 10										20 14 10	10 13 8
	Caroboro' Road .....		4 11 1										4 11 1	35 3 5
	Hornshay Street .....		7 10 4										7 10 4	7 10 4
	Erlam Road .....			40 0 0			40 0 0		40 0 0					
	Stockholm Road .....	99 19 8			131 16 10		131 16 10	150 0 0	*81 16 6	231 16 6				
	Haydock Road .....				93 3 8		93 3 8	100 0 0		100 0 0			6 16 4	6 16 4
	Senegal Road .....				120 0 0		120 0 0	120 0 0		120 0 0				
	Zampa Road .....	228 5 5			98 12 10		98 12 10	400 0 0	*51 5 6	451 5 6			124 7 3	124 7 3
	Bolina Road .....	23 0 0			77 11 0		77 11 0	85 0 0	*20 15 0	105 15 0			5 4 0	5 4 0
	Hoopwick Street .....			82 12 1									82 12 1	82 17 6
	Upcot Street .....			112 2 2									112 2 2	113 3 0
	Roadway running from Clifton Hill to Batavia Road .....			6 0 0									6 0 0	6 0 0
	Waller Road .....			10 5 11	1 10 0		1 10 0						8 15 11	8 15 11
	Besson Street Mews .....			20 18 1									20 18 1	20 18 1
	Blockhouse Street .....			25 13 4									25 13 4	27 16 0
	Trundley's Lane (No. 2) .....			157 7 5	7 4		7 4						157 0 1	
	Ommanney Road .....			5 15 6	5 15 6		5 15 6							
	Sprules Road .....			25 6 8	25 6 8		25 6 8							
	Waller Road (No. 2) .....	254 0 0						254 0 0		254 0 0				
	Upcot Street (No. 2) .....	260 0 0				+10 0 0	10 0 0	270 0 0		270 0 0				
	Blockhouse Street (No. 2) .....	260 0 0				+1 0 0	1 0 0	261 0 0		261 0 0				
	Rollins Street .....	187 10 0						187 10 0		187 10 0				
	Street leading out of the Southern side of Charles Street .....	25 14 4			72 5 8		72 5 8	73 10 0		73 10 0	24 10 0			
	Street leading out of the Eastern side of Charles Street .....				73 12 7		73 12 7	74 5 0		74 5 0		12 5	25 7 5	
	Charles Place .....				73 0 0		73 0 0	73 0 0		73 0 0				
	Dollings Place .....				127 0 0		127 0 0				127 0 0			
	North Road (No. 2) .....				239 4 5		239 4 5				239 4 5			287 15 7
	Musgrove Road (No. 3) .....				298 3 0		298 3 0				298 3 0			161 17 0
		1338 9 5	728 1 3	1478 15 6	11 0 0	1489 15 6	2088 5 0	153 17 0	2242 2 0	688 17 5	830 15 9	1122 7 0		

\*Surplus returned to Owners.

†Amount debited to defaulting Contractor.

(Signed) F. DUDLEY KEEN, ACCOUNTANT.

Examined and found correct,

(Signed) Wm. BAKER,  
T. H. BARKER,  
W. G. WATTS, } AUDITORS.

(Signed) R. HUGH SLOLEY, Chartered Accountant, AUDITOR.

MAY 23rd, 1898.

JUNE 10th, 1898.

BOARD OF WORKS FOR THE DISTRICT OF COLUMBIA

NEW TIRE-REPAIR WORK

STATE OF DISTRICT OF COLUMBIA  
DEPARTMENT OF PUBLIC WORKS

OFFICE OF THE SUPERVISOR OF PUBLIC WORKS

WASHINGTON, D. C.

FEBRUARY 1913

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## BOARD OF WORKS FOR THE GREENWICH DISTRICT.

Abstract of the foregoing Accounts, showing the Amounts owing by each Parish on the 25th March, 1898.

PARISH.	IN DEBT.							IN CREDIT.										BALANCES.	
	Calls.	South Street Improvement.	Saint Nicholas, Deptford, Garden.	Sewer Entries.	Extras on Sewer Entries.	Special Paving.	TOTAL.	Blackwall Lane Sewer.	General Rate.	Lighting Rate.	Sewers Rate.	Sewer Entries.	Loans and Interest.		Special Paving.	TOTAL.	In Credit.	In Debt.	
													Sewers.	Paving, &c.					
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
St. Nicholas, Deptford.....	1356 3 2	.....	387 14 3	1 16 10	.....	.....	1745 14 3	.....	630 10 8	4 11 3	101 1 7	.....	202 2 2	.....	4500 0 0	5438 5 8	3692 11 5	.....	
St. Paul, Deptford.....	6304 0 2	.....	.....	.....	80 7 11	.....	6384 8 1	.....	2157 9 11	119 2 6	197 5 5	7 0 3	1205 12 2	640 1 1	.....	4326 11 4	.....	2057 16 9	
Greenwich.....	7780 6 4	575 13 1	.....	9 16 5	9 17 10	655 3 5	9080 17 1	742 9 6	560 4 6	66 19 3	544 18 7	.....	1128 13 11	926 14 0	.....	3669 19 9	.....	5060 17 4	
	£15440 9 8	575 13 1	387 14 3	11 13 3	90 5 9	655 3 5	17160 19 5	742 9 6	3348 5 1	190 13 0	843 5 7	7 0 3	2336 8 3	1566 15 1	4500 0 0	13734 16 9	3692 11 5	7118 14 1	

(Signed) F. DUDLEY KEEN, ACCOUNTANT.

Examined and found correct.

(Signed) Wm. BAKER, }  
T. H. BARKER, } AUDITORS.  
W. G. WATTS, }

23RD MAY, 1898.

(Signed) R. HUGH SLOLEY, Chartered Accountant, AUDITOR. 10TH JUNE, 1898.



## BOARD OF WORKS FOR THE GREENWICH DISTRICT.

General Abstract of the foregoing Accounts, showing the Amounts owing by the Board on the 25th March, 1898, and the Assets to meet the same.

25th MARCH, 1898.

LIABILITIES.				ASSETS.			
		£ s. d.	£ s. d.			£ s. d.	£ s. d.
The Sun Life Assurance Society, Loans	...	1,000	0 0	The Parish of Greenwich...Loans—Sewers	...	700	0 0
" London Life Association, Limited, Loans	...	1,500	0 0	Ditto ditto do. Paving	...	4,464	0 0
" London County Council,	...	53,785	7 10	Ditto ditto do. Freehold Land	...	734	0 0
" School Board for London	...	10,852	9 8	Ditto ditto do. Public Sanitary Convenience	...	1,549	8 11
" Guardians of the Poor of the Greenwich Union	...	277	2 3				7,447 8 11
Sundry Creditors, as per Contributors' Ledger	...	8	0 6	Ditto ditto do. as per Abstract	...		5,060 17 4
Depositors as Guarantee—Messrs. Shelbourne, and Flower & Everitt	...	45	0 0	Ditto, St. Paul, Deptford...Loans—Sewers	...	1,800	0 0
Sums deposited for Licenses	...	238	10 0	Ditto ditto do. Paving	...	5,750	0 0
Lewisham District Board of Works—Maintenance of Boundary Roads	...	157	5 4	Ditto ditto do. Wharf No. 1	...	1,380	0 0
Camberwell Vestry, for Moiety of Cost of Maintenance, &c, re Canterbury Road	...	218	15 7	Ditto ditto do. Wharf No. 2	...	1,556	0 0
Sundry Creditors, as per General Ledger	...	7,946	3 2	Ditto ditto do. New Cross Bridge	...	105	0 0
The Parish of St. Nicholas, Deptford, as per Abstract	...	3,692	11 5	Ditto ditto do. Telegraph Hill (Open Space)	...	400	0 0
New Streets—Amounts standing to credit of Streets Accounts, as per Lists—				Ditto ditto do. Hilly Fields (Open Space)	...	6,777	15 0
Greenwich	...	1,533	13 5	Ditto ditto do. Public Sanitary Convenience	...	1,880	5 9
St. Paul, Deptford	...	688	17 5	Ditto ditto do. Deptford Park (Open Space)	...	8,053	17 6
			*2222 10 10				27,702 18 3
Liabilities in respect of the undermentioned Contracts:—				Ditto ditto As per Abstract	...		2,057 16 9
Banchory Road, Greenwich, balance of Contract	...	171	10 0	Ditto St. Nicholas, " ...Loans—Paving	...	4,500	0 0
Yanbrugh Hill, " " "	...	241	0 0	" ditto " ... do. Recreation Ground	...	729	10 5
South St. Improvement, " " "	...	355	0 0				5,229 10 5
Street between Nos. 22 and 23, } Charles St., St. Paul, Deptford } " " "	...	24	15 0	The District—Board's Offices. Loan—Land	...	884	0 0
Street leading out of southern end } of Charles St., St. Paul, Deptford } " " "	...	24	10 0	Ditto ditto do. Building	...	1,728	0 0
Craigerne Road, Greenwich, amount of Contract	...	1,302	0 0	Ditto Canterbury Road Bridge—Contribution	...	977	0 0
Marlton Street, " " "	...	770	0 0	Ditto Blackhorse Bridge—Widening	...	1,050	0 0
Dollings Place, St. Paul, Deptford, " " "	...	127	0 0	Ditto Evelyn Street to Creek Road Improvement	...	11,266	10 3
Musgrove Road, No. 3, " " "	...	460	0 0				15,905 10 3
North Road, No. 2 " " "	...	527	0 0	The Lee District Board of Works	...		76 17 6
		£4002	15 0	Sundry Debtors—For Paving Works—Contributors' Ledger, List "E"	...		2,437 5 3
Less amounts standing to the credit of the Streets Accounts in respect of those Streets above mentioned	...		*2222 10 10	London & County Banking Co., Limited, Deposit Account	...	4,500	0 0
			1,780 4 2	Evelyn Street to Creek Road Improvement	...		73 5 6
				Greenwich Vestry, for Rent of Board Room 1 year	...		20 0 0
				London County Council—General Account	...		68 11 7
				Wages Account	...		110 1 1
				Sundry Debtors as per General Ledger	...		64 15 1
				Balance as per Cash Book	...		12,398 19 6
				New Streets—Amounts standing to debit of Streets Accounts, as per Lists—			
				Greenwich—Paving	...	396	8 8
				St. Paul, Deptford—Paving	...	830	15 9
							£1,227 4 5
				Less amounts due from owners to meet such debit			
				Balances	...	1,036	16 1
							190 8 4
				Balance, for charge upon Parochial Accounts	...		£83,344 5 9
							379 15 0
							£83,724 0 9

(Signed) F. DUDLEY KEEN, ACCOUNTANT.

Examined and found correct,

(Signed) W. M. BAKER, }  
T. H. BARKER, } AUDITORS.  
W. G. WATTS, }

23RD MAY, 1898.

(Signed) R. HUGH SLOLEY, Chartered Accountant, AUDITOR.

10TH JUNE, 1898.

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BOARD OF WORKS FOR THE GREENWICH DISTRICT

General Abstract of the Paying Accounts, showing the Amounts paid by the Board in the year ending 31st March 1885.

25th MARCH 1885.

Table with multiple columns containing financial data, likely split into 'DEBITED' and 'CREDITED' sections, with various monetary values and descriptions of payments.



(Signed) J. DENBY, Chairman.

# BOARD OF WORKS FOR THE GREENWICH DISTRICT.

LOANS—Statement for the Year ended 25th March, 1898.

No. in Mortgage Register.	Date.	From whom borrowed.	Amount.	No. of Years.	Rate of Interest per cent.	Parish or District Charge.				Amount re-paid.	Amount Outstanding.	Purpose.
						Greenwich.	St. Paul, Deptford.	St. Nicholas, Deptford.	District.			
			£		£ s. d.	£	£	£	£	£ s. d.	£ s. d.	
5	April, 1869	Sun Life Assurance Society...	15,000	30	4 10 0	6,000	9,000	.....	.....	14,000 0 0	1,000 0 0	Sewers
6	August, 1870	London Life Association, Ltd.	15,000	30	4 10 0	3,000	12,000	.....	.....	13,500 0 0	1,500 0 0	Ditto
9	March, 1876	Metropolitan Board of Works (now London County Council)	1,500	54	3 18 6	.....	.....	.....	1,500	616 0 0	884 0 0	New Offices—Land
10	"	Ditto ditto	6,500	30	3 18 6	.....	.....	.....	6,500	4,772 0 0	1,728 0 0	Ditto Building
11	August, 1877	Ditto ditto	4,150	30	3 15 0	.....	4,150	.....	.....	2,770 0 0	1,380 0 0	Freehold Land and Wharf
14	June, 1882	Ditto ditto	10,000	20	3 10 0	.....	10,000	.....	.....	8,000 0 0	2,000 0 0	Paving Margins of Tramways
15	April, 1883	Ditto ditto	15,000	20	3 10 0	.....	15,000	.....	.....	11,250 0 0	3,750 0 0	Ditto ditto
16	Dec., 1885	Ditto ditto	2,000	55	3 10 0	.....	2,000	.....	.....	444 0 0	1,556 0 0	Freehold Land & Wharf, No. 2
19	June, 1886	Ditto ditto	950	55	3 10 0	950	.....	.....	.....	216 0 0	734 0 0	Ditto Deptford Bridge
17	"	Ditto ditto	13,000	20	3 10 0	13,000	.....	.....	.....	8,536 0 0	4,464 0 0	Paving Margins of Tramways
20	Nov., 1888	Ditto ditto	1,400	30	3 10 0	.....	.....	.....	1,400	423 0 0	977 0 0	Canterbury Road Bridge
21	Feb., 1889	Ditto ditto	1,500	30	3 10 0	.....	.....	.....	1,500	450 0 0	1,050 0 0	Blackhorse Bridge Improvmt.
	"	Ditto ditto	150	30	3 10 0	.....	150	.....	.....	45 0 0	105 0 0	Widening New Cross Bridge, L. B. & S. C. Railway Co.
22	April, 1893	London County Council	2,000	5	3 10 0	.....	2,000	.....	.....	1,600 0 0	400 0 0	Telegraph Hill (Open Space)
23	Nov., "	Ditto ditto	7,000	50	3 10 0	.....	7,000	.....	.....	222 5 0	6,777 15 0	Hilly Fields Ditto
24	" 1895	Ditto ditto	8,200	50	3 0 0	.....	8,200	.....	.....	146 2 6	8,053 17 6	Deptford Park Ditto
25	June, 1896	Ditto ditto	5,000	53	3 0 0	.....	.....	.....	5,000	59 3 4	4,940 16 8	New Street—Evelyn Street to Creek Road
26	July, "	Ditto ditto	1,600	30	3 0 0	1,600	.....	.....	.....	50 11 1	1,549 8 11	Public Sanitary Convenience
27	Nov., "	Ditto ditto	750	25	3 0 0	.....	.....	750	.....	20 9 7	729 10 5	Additional Land to Recreation Ground, &c.
28	Dec., "	Ditto ditto	3,030	52	3 0 0	.....	.....	.....	3,030	24 12 9	3,005 7 3	New Street—Evelyn Street to Creek Road
29	April, 1897	Ditto ditto	1,900	30	3 0 0	.....	1,900	.....	.....	19 14 3	1,880 5 9	Public Sanitary Convenience
30	June, "	Ditto ditto	2,400	52	3 0 0	.....	.....	.....	2,400	9 13 8	2,390 6 4	New Street—Evelyn Street to Creek Road
30A	Dec., "	Ditto ditto	930	60	3 0 0	.....	.....	.....	930	.....	930 0 0	Ditto ditto
31	Jan., 1898	Ditto ditto	4,500	20	3 0 0	.....	.....	4,500	.....	.....	4,500 0 0	Granite Paving in Creek Road
			123,460			24,550	71,400	5,250	22,260	67,174 12 2	56,285 7 10	

† The Loans for the New Street, Evelyn Street to Creek Road, are chargeable to the District in the proportions of one-third to the Parish of St. Nicholas, Deptford, and two-thirds between Greenwich and St. Paul, Deptford, according to their respective Assessable Values.

F. DUDLEY KEEN,  
ACCOUNTANT.  
25TH MARCH, 1898.

Examined and found correct,

(Signed) WM. BAKER,  
T. H. BARKER, } AUDITORS.  
W. G. WATTS, }

MAY 24TH, 1898.

(Signed) R. H. SLOLEY,  
CHARTERED ACCOUNTANT, } AUDITOR.  
JUNE 10TH, 1898. AA



BOARD OF WORKS FOR THE GREENWICH DISTRICT.

PLAN—Statement for the year ending 31st March 1924.

Particulars	1923-24		1922-23		Particulars	1923-24		1922-23	
	£	s.	£	s.		£	s.	£	s.
Income					Income				
Rate	10,000	0	9,500	0	Rate	10,000	0	9,500	0
Other	500	0	400	0	Other	500	0	400	0
Total	10,500	0	9,900	0	Total	10,500	0	9,900	0
Expenditure					Expenditure				
Salaries	2,000	0	1,800	0	Salaries	2,000	0	1,800	0
Repairs	1,500	0	1,400	0	Repairs	1,500	0	1,400	0
Materials	1,000	0	900	0	Materials	1,000	0	900	0
Lighting	800	0	750	0	Lighting	800	0	750	0
Other	500	0	450	0	Other	500	0	450	0
Total	5,800	0	5,300	0	Total	5,800	0	5,300	0
Balance forward	4,700	0	4,600	0	Balance forward	4,700	0	4,600	0
Balance in hand	5,800	0	4,600	0	Balance in hand	5,800	0	4,600	0
Total	10,500	0	9,200	0	Total	10,500	0	9,200	0



W. HUNTER, Clerk.  
Greenwich, 1924.

**We**, WILLIAM BAKER, THOMAS HENRY BARKER, and WILLIAM GEORGE WATTS, *the Auditors appointed by the Board of Works for the Greenwich District to examine and audit the Accounts of the said Board, for the year ended the 25th of March, 1898, having carefully and diligently examined and investigated the Accounts of the said Board for the period aforesaid, and the Vouchers in support of the same, and the books, papers, instruments, and writings, in their custody or control relating thereto, do hereby certify and declare, that WE have this day audited the said Accounts of the said Board, at their Office, situate in Greenwich Road, Greenwich, in the County of London, and that the said Accounts are true and correct in all particulars; and WE do allow the same accordingly, and sign the same in token of such our allowance thereof.*

**Given** *under our hands this 24th day of May, 1898.*

(Signed) WM. BAKER,  
THOS. H. BARKER, } *Auditors.*  
W. G. WATTS,

*Office—*  
141, GREENWICH ROAD,  
GREENWICH.



1888

W. G. WATTS  
THOS. H. BARKER  
W. G. WATTS

111 GERRARD ROAD  
TORONTO