

**[Report of the Medical Officer of Health for Limehouse].**

**Contributors**

Limehouse (London, England). Board of Works.

**Publication/Creation**

[1889]

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# BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.



*STATEMENT OF ACCOUNTS, REPORTS, &c., from  
Lady-day, 1888 to Lady-day 1889.*

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# BOARD OF WORKS

FOR THE

## LIMEHOUSE DISTRICT,

1888-9.

### Members for Limehouse.

- Mr. JAMES AMBROSE, 2, St. Paul's-road.  
" HENRY WILLIAM BAXTER, 803a, Commercial-road.  
" JOHN HAYWOOD BOWLES, 141, Salmon-lane.  
" HENRY CHAMBERS, J.P. Brunton's Wharf, Commercial-road.  
" JOHN COLLINGBOURNE, 299, Burdett-road.  
" HENRY COX, 115 & 117, Three Colt-street.  
" WILLIAM BENSLEY HOPSON, 11, Church-row.  
" SAMUEL KIMBEL, 600, Commercial-road.  
" BERNARD KOPPEL, 803, Commercial-road.  
" SAMUEL LEWIS, 98, West India Dock-road.  
" EDWIN MARTIN, 68, West India Dock-road.  
" WILLIAM HENRY MITCHELL, 757, Commercial-road.  
" WILLIAM PAGE, 79, Limehouse Causeway.  
" JAMES PATON, 223, Burdett-road.  
" EDWARD SMITH, 38, St. Paul's-road.  
" HENRY JOSEPH STEVENS, 154, Salmon-lane.  
" JOSEPH ROSS WALLER, Northey-street.  
" HYMAN BEBELL WILLIAMS, 72, West India Dock-road.

### Members for Ratcliff.

- Mr. JOHN ABBOTT, 619, Commercial-road.  
" EDWIN AUGUSTUS CREER, 589, Commercial-road.  
" JOHN SAMUEL CURTIS, 24, White Horse-street.  
" HENRY EVANS, 29, Butcher-row.  
" JAMES GREIG, Free Trade Wharf.  
" FREDERICK HALLETT, 529, Commercial-road.  
" JOHN GEORGE HARDING, 68, Broad-street.  
" MILLNER HOLT, 107, Broad Street.  
" THOMAS SMITH WATTS, 556, Commercial-road.

### Members for Shadwell.

- Mr. FRANK ARLISS, 194, High Street.  
" JOSEPH ARTHUR, 164, High Street.  
" EDWARD HENRY PAGE, 199, High-street.  
" EDWIN RUMBOLD, Short-street.  
" CHARLES WARMAN, 480, Cable-street.  
" THOMAS SAMUEL WOOLFE, 6, Pope's-hill.

### Members for Wapping.

- Mr. ROBERT CARR, 1, West Pier.  
" WILLIAM STRICKLING ELLWOOD, 5, East Pier.  
" JOHN COLE GREGORY, Hermitage Wharf.  
" ROBERT GRESLEY HALL, D.L., St. John's Wharf High-street.  
" GEORGE HENRY HEDGES, 137, High-street.  
" RICHARD JOLLY, 277, High Street.

JOHN ABBOTT, Esq., Represented the Board at the Metropolitan Board of Works.

### Offices of the Board.

WHITE HORSE STREET, COMMERCIAL ROAD.

Treasurer—WILLIAM FREDERICK NARRAWAY, Esq., LONDON JOINT STOCK BANK, Princes Street, Bank.

Clerk of the Board—MR. THOMAS WRAKE RATCLIFF, D.L.  
District Board Offices, White Horse Street.

Surveyor—MR. CHARLES DUNCH, District Board Offices, White Horse Street.

Medical Officer of Health & Analyst—MR. GEORGE ARTHUR ROGERS,  
164, High Street, Shadwell.

Office Clerk—FREDERICK WILLIAM MADDOCKS.

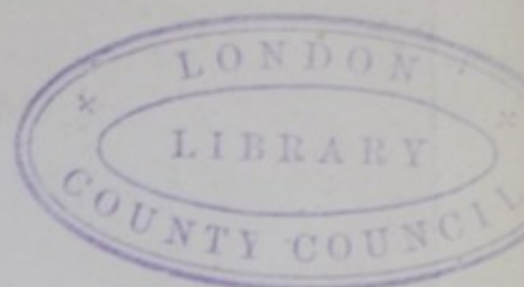
Assistant in Clerk's Office—HENRY EVERETT.

### Sanitary Inspectors.

For No. 1 DISTRICT—GEORGE HURLOCK, 35, Locksley Street, Limehouse.

For No. 2 DISTRICT—THOMAS STACE, 10, Red Lion Street, Wapping.

Superintendent of Cleansing and Watering—DANIEL EVERETT.



1. REVENUE AND OUTLAY ACCOUNT for the Year from Lady-day, 1888,  
to Lady-day, 1889.
2. REVENUE AND OUTLAY ..... GENERAL PURPOSES ACCOUNT.
3. DITTO ..... SEWERS ACCOUNT.
4. PARISH OF LIMEHOUSE..... GENERAL PURPOSES ACCOUNT.
5. DITTO ..... SEWERS ACCOUNT.
6. HAMLET OF RATCLIFF ..... GENERAL PURPOSES ACCOUNT.
7. DITTO..... SEWERS ACCOUNT.
8. PARISH OF SHADWELL..... GENERAL PURPOSES ACCOUNT.
9. DITTO ..... SEWERS ACCOUNT.
10. PARISH OF WAPPING .... GENERAL PURPOSES ACCOUNT.
11. DITTO ..... SEWERS ACCOUNT.
12. STATEMENT OF LIABILITIES AND ASSETS.
13. DITTO OF CONTRACTS
14. RETURN OF MONIES RAISED ON LOAN AT INTEREST.
15. LIST OF PROPERTIES BELONGING TO THE BOARD.
16. REPORT OF SURVEYOR.



No. 1.

# BOARD OF WORKS FOR THE LIMEHOUSE DISTRICT.

Comprising the Parish of Limehouse, the Hamlet of Ratcliff, and the Parishes of Shadwell and Wapping.

*Revenue and Outlay from Lady-day, 1888, to Lady-day, 1889.*

## REVENUE.

	£	s.	d.
Balance brought forward ... ..	215	12	10
To Cash of the several Parishes upon Orders of Contribution, viz :—			
General Purposes ... ..	16,850	0	0
Sewers ditto ... ..	2,750	0	0
	19,600	0	0
„ Ditto to meet Precept of School Board for London ...	10,197	11	3
„ Ditto to meet Precept of Metropolitan Board for Consolidated Rate ... ..	10,596	10	1
Less amount returned by the Metropolitan Board in year ending Lady-Day 1888, and credited to the Account for that year (in consequence of reduction of Assessment for 1887) ... ..	44	11	4
	10,551	18	9
„ Ditto Revenue from all other sources :—			
General Purposes ... ..	1,598	4	6
Sewers ditto ... ..	147	6	6
	1,745	11	0
„ Ditto of Metropolitan Board of Works, Loan for Paving Commercial Road, &c. ... ..	5,000	0	0
	£47,310	13	10

## OUTLAY.

	£	s.	d.
By Cash expended for General Purposes ... ..	18,465	19	4
„ Ditto ditto Sewers ... ..	1,896	15	2
„ Ditto School Board for London—Amount of Precept ...	10,197	11	3
„ Ditto Metropolitan Board of Works ditto ... ..	10,596	10	1
„ Balance in hands of Treasurer ... ..	1,066	7	5
„ Ditto at Deposit ... ..	5,000	0	0
„ Ditto in hands of Clerk ... ..	14	10	6
„ Ditto ditto Surveyor ... ..	73	0	1
	6,153	18	0
	£47,310	13	10

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES,  
H. G. HEISER, } *Auditors.*  
THOS. MOODY, }

## GENERAL PURPOSES ACCOUNT FOR THE WHOLE DISTRICT.

*Revenue and Outlay from Lady-day, 1888, to Lady-day, 1889.*

## REVENUE.

	£	s.	d.
Balance brought forward ... ..	945	12	9
To Cash of Overseers of Parishes in District upon Orders of Contribution ... ..	16,850	0	0
„ Ditto of ditto for Precept of School Board for London ...	10,197	11	3
„ Ditto Rents ... ..	75	10	9
„ Ditto Reinstatements of Paving and Contributions ...	887	4	0
„ Ditto Interest—Deposit Account ... ..	10	1	4
„ Ditto Parliamentary Grant in aid of Disturnpiked Roads	487	0	0
„ Ditto Blackwall Railway Company—Repayment of Costs incurred by Board in 1885 ... ..	115	8	5
„ Ditto Sale of Old Materials of houses—White Horse Street	23	0	0
	£29,591	8	6

## OUTLAY.

	£	s.	d.
By Paving ... ..	2,720	4	1
„ Lighting ... ..	2,972	12	8
„ Cleansing, Watering, and Removal of Dust ... ..	6,691	12	3
„ Macadam Roads ... ..	329	4	1
„ Urinals ... ..	66	17	9
„ Expenses under Adulteration of Food Act ... ..	171	0	0
„ Disinfecting and Hospital Account ... ..	159	1	10
„ Proceedings before Justices ... ..	43	16	2
„ Superannuation ... ..	52	0	0
„ Sundries ... ..	7	2	0
„ Planting Trees ... ..	1	17	3
„ Common Charges ... ..	1,631	16	8
„ Street Improvements ... ..	190	11	6
„ Charges on Rates: Interest ... ..	937	9	10
Principal repaid ... ..	2,388	0	0
	3,325	9	10
„ Expenses of School Board Election ... ..	90	8	0
„ Insurance of Houses, White Horse Street ... ..	1	7	3
„ Hoarding White Horse Street ... ..	10	18	0
„ School Board for London ... ..	10,197	11	3
Balance ... ..	927	17	11
	£29,591	8	6

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES,  
H. G. HEISER, } *Auditors.*  
THOS. MOODY,

No. 3.

# SEWERS ACCOUNT FOR THE WHOLE DISTRICT.

Revenue and Outlay from Lady-day, 1888, to Lady-day, 1889.



## REVENUE.

	£	s.	d.
To Cash of Overseers of Parishes in District upon Orders of Contribution ... ..	2,750	0	0
„ Ditto for Precept of Metropolitan Board of Works for Consolidated Rate ... ..	10,596	10	1
„ Ditto Contributions to Sewers ... ..	16	10	7
„ Ditto of The Vestry of St. George-in-the-East, proportion of cost of construction of New Sewer in Dellow St. ... ..	130	15	11
	£13,493	16	7

## OUTLAY.

	£	s.	d.
Balance brought forward ... ..	774	11	3
By Constructions ... ..	176	11	9
„ Repairs ... ..	48	4	5
„ Cleansing ... ..	75	0	11
„ Incidentals ... ..	69	8	1
„ Carting Deposit ... ..	4	10	0
„ Flushing ... ..	525	1	7
„ Common Charges ... ..	997	18	5
„ Metropolitan Board of Works—Amount of Precept for Consolidated Rate ... ..	10,596	10	1
Balance ... ..	226	0	1
	£13,493	16	7

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES,  
H. G. HEISER, } Auditors:  
THOS. MOODY,

No. 4.

# PARISH OF LIMEHOUSE—GENERAL PURPOSES ACCOUNT.

*Revenue and Outlay from Lady-day, 1888, to Lady-day, 1889.*

## REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution ...	8,609	0	0
„ Ditto for Precept of School Board for London ...	4,448	13	8
„ Ditto Rents ...	12	6	6
„ Ditto Reinstatements of Paving and Contributions ...	393	11	8
„ Ditto Interest—Deposit Account ...	4	7	10
„ Ditto Proportion of Parliamentary Grant in aid of Disturnpiked Roads...	212	7	11
	£13,671	7	7

## OUTLAY.

	£	s.	d.
Balance brought forward ...	433	0	10
By Paving ...	1,129	3	1
„ Lighting ...	1,296	9	3
„ Cleansing, Watering, and Removal of Dust ...	2,918	8	9
„ Macadam Roads ...	143	11	7
„ Urinals ...	29	3	5
„ Expenses under Adulteration of Food Act ...	74	11	7
„ Disinfecting and Hospital Account ...	69	7	8
„ Proceedings before Justices ...	19	2	1
„ Superannuation ...	22	13	8
„ Sundries ...	3	1	10
„ Planting Trees ...	0	16	3
„ Common Charges ...	711	13	11
„ Street Improvements ...	83	2	4
„ Charges on Rates:—			
Interest ...	445	8	2
Principal repaid ...	1,423	13	4
	1,869	1	6
„ Expenses of School Board Election ...	39	8	7
„ School Board for London ...	4,448	13	8
Balance ...	379	17	7
	£13,671	7	7

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES,  
H. G. HEISER, } *Auditors.*  
THOS. MOODY,



## PARISH OF LIMEHOUSE - SEWERS ACCOUNT.

*Revenue and Outlay from Lady-day, 1888, to Lady-day, 1889.*

## OUTLAY.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution...	1,200	0	0
„ Ditto of ditto for Precept of Metropolitan Board of Works for Consolidated Rate	4,626	9	2
„ Ditto Contributions to Sewers	7	4	2
	<u>£5,833</u>	<u>13</u>	<u>4</u>

## OUTLAY.

	£	s.	d.
Balance brought forward	294	3	5
Constructions	77	0	4
Repairs	21	0	7
Cleansing	32	14	6
Incidentals	30	5	4
Carting Deposit	1	19	4
Flushing	229	0	2
Common Charges	435	4	7
Metropolitan Board of Works—Amount of Precept for Metropolitan Consolidated Rate	4,626	9	2
Balance	85	15	11
	<u>£5,833</u>	<u>13</u>	<u>4</u>

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES, }  
H. G. HEISER, } *Auditors.*  
THOS. MOODY, }

## HAMLET OF RATCLIFF—GENERAL PURPOSES ACCOUNT.

*Revenue and Outlay from New-day, 1888, to Lady-day, 1889.*

## REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution...	3,400	0	0
„ Ditto for Precept of School Board for London ...	2,178	15	1
„ Ditto Rents ... ..	6	13	1
„ Ditto Reinstatements of Paving and Contributions ...	179	9	7
„ Ditto Blackwall Railway Company—Repayment of Costs incurred by Board respecting Bill in Parliament in 1885 ... ..	115	8	5
„ Ditto Sale of Old Materials of 7 to 15, White Horse Street	23	0	0
„ Ditto Interest—Deposit Account ... ..	2	3	1
„ Ditto Proportion of Parliamentary Grant in aid of Disturnpiked Roads ... ..	104	3	7
Balance ... ..	187	12	3
	£6,197	5	9

## OUTLAY.

	£	s.	d.
Balance brought forward ... ..	533	9	8
Paving ... ..	553	16	7
Lighting ... ..	635	17	10
Cleansing, Watering, and Removal of Dust ...	1,431	8	9
Macadam Roads ... ..	70	8	5
Urinals ... ..	14	6	2
Expenses under Adulteration of Food Act ...	36	11	7
Disinfecting and Hospital Account ... ..	34	0	7
Proceedings before Justices ... ..	9	7	6
Superannuation ... ..	11	2	6
Sundries ... ..	1	10	5
Planting Trees ... ..	0	7	11
Common Charges ... ..	349	1	6
Street Improvements ... ..	40	15	5
Hoarding Nos. 7 to 15, White Horse Street ...	10	18	0
Charges on Rates:—			
Interest ... ..	51	6	8
Principal repaid ... ..	213	6	8
Insurance of Houses, White Horse Street ...	264	13	4
Expenses of School Board Election ... ..	1	7	3
School Board for London ... ..	19	6	9
	2,178	15	7
	£6,197	5	9

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

dated this 30th day of May, 1889.

JOHN CAPES,  
H. G. HEISER, } *Auditors.*  
THOS. MOODY,

## HAMLET OF RATCLIFF SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1888, to Lady-day, 1889.

## REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution ...	600	0	
„ Ditto of ditto for Precept of Metropolitan Board of Works for Consolidated Rate ...	2,255	12	
„ Ditto Contributions to Sewers ...	3	10	
	£2,859	3	

## OUTLAY.

	£	s.	d.
Balance brought forward ...	118	8	0
y Constructions ...	37	15	6
„ Repairs ...	10	6	5
„ Cleansing ...	16	1	1
„ Incidentals ...	14	17	0
„ Carting Deposit ...	0	19	4
„ Flushing ...	112	6	5
„ Common Charges ...	213	9	5
„ Metropolitan Board of Works—Amount of Precept for Consolidated Rate ...	2,255	12	9
Balance ...	79	7	7
	£2,859	3	6

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES, }  
H. G. HEISER, } *Auditors.*  
THOS. MOODY, }

## PARISH OF SHADWELL—GENERAL PURPOSES ACCOUNT.

*Revenue and Outlay from Mid-day, 1888, to Lady-day, 1889.*

## REVENUE.

	£	s.	d.
Balance brought forward ... ..	32	13	8
To Cash of Overseers upon Orders of Contribution ...	3,200	0	0
„ Ditto of ditto for Precept of School Board for London ...	1,647	7	3
„ Ditto Rents ... ..	10	0	0
„ Ditto Reinstatements of Paving and Contributions ...	149	6	11
„ Ditto Interest—Deposit Account ... ..	1	12	6
„ Ditto Proportion of Parliamentary Grant in aid of Disturnpiked Roads ... ..	78	14	0
	£5,119	14	4

## OUTLAY.

	£	s.	d.
Paving ... ..	549	11	11
Lighting ... ..	480	8	0
Cleansing, Watering, and Removal of Dust ... ..	1,081	8	1
Macadam Roads ... ..	53	4	0
Urinals ... ..	10	16	2
Expenses under Adulteration of Food Act ... ..	27	12	8
Disinfecting and Hospital Account ... ..	25	14	3
Proceedings before Justices ... ..	7	1	7
Superannuation ... ..	8	8	0
Sundries ... ..	1	3	0
Planting Trees ... ..	0	6	0
Common Charges ... ..	263	14	3
Street Improvements ... ..	30	15	11
Charges on Rates :—			
Interest ... ..	325	10	2
Principal repaid ... ..	476	0	0
	801	10	2
Expenses of School Board Election ... ..	14	12	2
School Board for London ... ..	1,647	7	3
Balance ... ..	116	0	11
	£5,119	14	4

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES, }  
H. G. HEISER, } *Auditors.*  
THOS. MOODY, }



## PARISH OF SHADWELL—SEWERS ACCOUNT.

*Revenue and Outlay from May-day, 1888, to Lady-day, 1889.*

## REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution...	550	0	0
„ Ditto for Precept of Metropolitan Board of Works for Consolidated Rate ...	1,709	17	0
„ Ditto Contributions to Sewers ...	2	13	5
„ Ditto of Vestry of St. George-in-the-East proportion of Cost of constructing new Sewer in Dellow Street...	130	15	11
	£2,393	6	4

## OUTLAY.

	£	s.	d.
Balance brought forward ...	263	4	10
Constructions ...	28	10	8
Repairs ...	7	15	10
Cleansing ...	12	2	8
Incidentals ...	11	4	3
Carting Deposit ...	0	14	5
Flushing ...	84	17	1
Common Charges ...	161	5	4
Metropolitan Board of Works—Amount of Precept for Consolidated Rate ...	1,709	17	0
Balance ...	113	14	3
	£2,393	6	4

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES,  
H. G. HEISER, } *Auditors.*  
THOS. MOODY,

No. 10.

PARISH OF WAPPING—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1888, to Lady day, 1889.

REVENUE.

	£	s.	d.
Balance brought forward ... ..	1,879	9	
To Cash of Overseers upon Orders of Contribution ...	1,650	0	
„ Ditto of ditto to meet Precept of School Board for London ... ..	1,922	14	
„ Ditto Rents ... ..	46	11	
„ Ditto Reinstatements of Paving and Contributions ...	164	15	
„ Ditto Interest—Deposit Account ... ..	1	17	
„ Ditto Proportion of Parliamentary Grant in aid of Disturnpiked Roads ... ..	91	14	
	£5,757	3	

OUTLAY.

	£	s.	d.
By Paving ... ..	487	12	6
„ Lighting ... ..	559	17	7
„ Cleansing, Watering, and Removal of Dust ... ..	1,260	6	8
„ Macadam Roads ... ..	62	0	1
„ Urinals ... ..	12	12	0
„ Expenses under Adulteration of Food Act ... ..	32	4	2
„ Disinfecting and Hospital Account ... ..	29	19	4
„ Proceedings before Justices ... ..	8	5	0
„ Superannuation ... ..	9	15	10
„ Sundries ... ..	1	6	9
„ Planting Trees ... ..	0	7	1
„ Common Charges ... ..	307	7	0
„ Street Improvements ... ..	35	17	10
„ Charges on Rates:—			
Interest ... ..	115	4	10
Principal repaid ... ..	275	0	0
	390	4	10
„ Expenses of School Board Election ... ..	17	0	6
„ School Board for London ... ..	1,922	14	9
Balance ... ..	619	11	8
	£5,757	3	7

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

Dated this 30th day of May, 1889.

JOHN CAPES, }  
H. G. HEISER, } Auditors.  
THOS. MOODY, }

## PARISH OF WAPPING—SEWERS ACCOUNT.

*Revenue and Outlay from Lady-day, 1888, to Lady-day, 1889.*

## REVENUE,

	£	s.	d.
To Cash of Overseers upon Orders of Contribution...	400	0	0
„ Ditto of Ditto for Precept of Metropolitan Board of Works for Consolidated Rate ... ..	2,004	11	2
„ Ditto Contributions to Sewers ... ..	3	2	3
Balance ... ..	52	17	8
	<u>£2,460</u>	<u>11</u>	<u>1</u>

## OUTLAY.

	£	s.	d.
Balance brought forward ... ..	98	15	0
By Constructions ... ..	33	5	3
„ Repairs ... ..	9	1	7
„ Cleansing ... ..	14	2	8
„ Incidentals ... ..	13	1	6
„ Carting Deposit ... ..	0	16	11
„ Flushing ... ..	98	17	11
„ Common Charges ... ..	187	19	1
„ Metropolitan Board of Works—Amount of Precept for Consolidated Rate ... ..	2,004	11	2
	<u>£2,460</u>	<u>11</u>	<u>1</u>

We hereby certify that we have examined and allowed the Accounts,  
of which this Account is an Abstract.

Dated this 30th day of May, 1888.

JOHN CAPES,  
H. G. HEISER, } *Auditors.*  
THOS. MOODY,

## LIABILITIES.

£ s. d.

London Life Association	...	..	...	...	...	5,200	0
Metropolitan Board of Works	...	...	...	...	...	19,848	0

£25,048 0 0

## ASSETS.

£   s.   d.

Cash in hands of Treasurer	...	...	...	...	...	1,066	7	5
Ditto ditto Clerk	...	...	...	...	...	14	10	6
Ditto ditto Surveyor	...	...	...	...	...	73	0	1
Ditto at Deposit Account	...	...	...	...	...	5,000	0	0
East London Water Works Company—Reinstatement Account to Lady-day	...	...	...	...	...	87	14	8

£6,241 12 8



## CONTRACTS.

1888.

March 21st, Messrs. Mowlem & Co., Paving Works...	...	as per schedule of prices.
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1887.

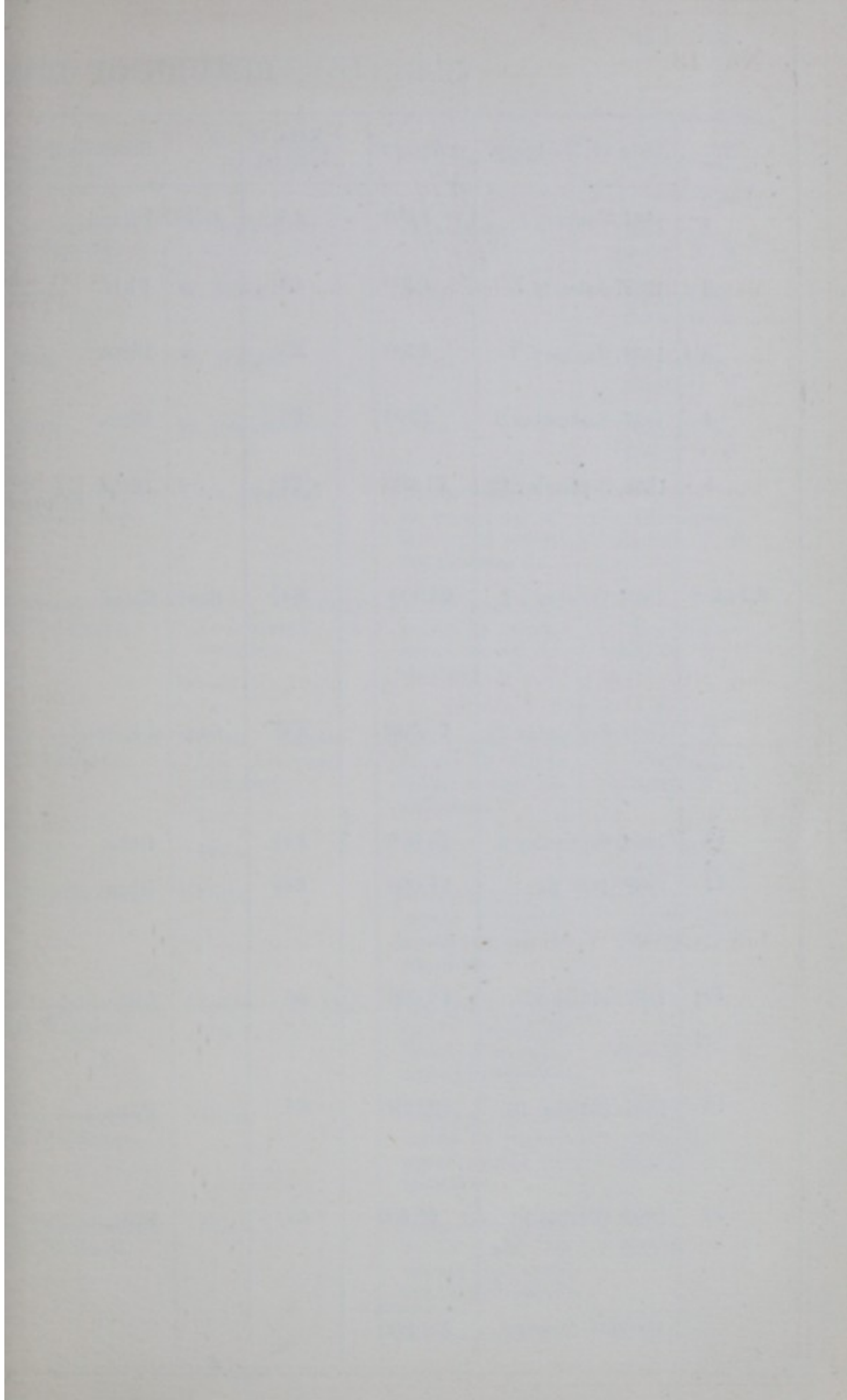
September 29th, Mr. J. Jackson, Sewers Work	...	as per schedule of prices.
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1888.

July 24th, Messrs. P. & E. Abbott, Scavenging, Removal of Dust and Watering ... ..	2,430	0	0	0
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July 24th, Mrs. E. Parsons, ... ditto ... ..	1,320	0	0	0
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July 24th, Mr. W. Gibbs, Scavenging and Watering ...	775	0	0	0
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## RETURN OF MONIE RAISED ON LOAN AT INTEREST.

No.	Date of Mortgage.	Amount.	Rate of Interest	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
1	1857, January 7	£400	£5	General Rates.	For Improvements at Wapping.	R. Stephenson.	Three years.	The whole. £400 0 0
2	1857, January 7	£400	£5	Ditto.	Ditto	W. Maud.	Ditto.	The whole. £400 0 0
3	1857, January 7	£400	£5	Ditto.	Ditto	W. Walton.	Ditto.	The whole. £400 0 0
4	1857, September 2	£300	£5	Ditto.	Ditto	R. Stephenson.	Ditto.	The whole. £300 0 0
5	1858, September 29	£1,800	£4½	Ditto.	For Paving Works in Limehouse.	Thos. Dinmore.	Fifteen years, to be repaid by fifteen equal annual instalments.	The whole. £1,800 0 0
6, 7, & 8	1858, October 7	£3,000	£4½	Sewer Rates.	For Sewers Works in Limehouse.	General Annuity Endowment Association.	Twenty years, to be repaid by twenty equal annual instalments.	The whole. £3,000 0 0
9	1859, September 21	£5,000	£4	General Rates.	For Paving Works in Limehouse.	British Empire Life Assurance Company.	Fifteen years to be repaid by fifteen equal annual instalments.	The whole. £5,000 0 0
10	1860, September 5	£5,000	£4½	Ditto.	Ditto	Ditto.	Ditto.	The whole. £5,000 0 0
11	1862, July 23	£7,000	£4½	Ditto.	For Board's Offices.	Ditto.	Twenty years, to be repaid by twenty equal annual instalments.	The whole. £7,000 0 0
12	1867, March 27	£6,000	£5	Ditto.	For Improvements at Wapping.	London Life Association.	Twenty-five years, to be repaid by twenty-five equal annual instalments.	£5,280 0 0
13	1867, October 16	£3,000	£5	Ditto.	For Improvements in Limehouse.	Ditto.	Twenty years, to be repaid by twenty equal annual instalments.	The whole £3,000 0 0
14	1867, October 16	£5,500	£5	Ditto.	For Improvements in Shadwell.	Ditto.	Twenty-five years, to be repaid by twenty-five equal annual instalments.	£4,620 0 0
Carried forward...		£37,800					Carried forward...	£36,200 0 0

## RETURN OF MONIES RAISED ON LOAN AT INTEREST (Continued).

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
	<i>Brought forward...</i>	£37,800					<i>Brought Forward...</i>	£36,200 0 0
15	1872, June 22	£7,250	£3 17/6	General Rates.	For Improvements in Limehouse.	Metropolitan Board of Works.	Fifty-seven years, to be repaid as follows: £150 on 1st Oct., 1879; £142 on 1st Oct. in 50 succeeding years, (now reduced to £10 per year).	£6,749 0 0 (By Contribution from Metropolitan Board.)
16	1872, July 24	£18,000	£4 10/	Ditto.	For Paving the Commercial Road, the East India Dock Road, and the West India Dock Road.	London Life Association.	Twenty years, payable by twenty equal annual instalments.	£91 9 0 £14,400 0 0
17	1872, August 10	£4,000	£3 17/6	Ditto.	For Improvements in Sun Tavern Gap, Shadwell.	Metropolitan Board of Works.	Fifty-seven years, to be repaid as follows: £50 on 1st Oct., 1879; £79 on 1st Oct. in 50 succeeding years.	The whole. £4,000 0 0 (By Contribution from Metropolitan Board.)
18	1873, January 20	£2,000	£3 17/6	Ditto.	Ditto.	Ditto.	Fifty-seven years, to be repaid as follows: £50 on 1st Oct., 1879; £39 on 1st Oct. in 50 succeeding years.	The whole. £2,000 0 0 (By Contribution from Metropolitan Board.)
19	1873, January 20	£6,000	£3 17/6	Ditto.	Ditto.	Ditto.	Fifty-seven years, to be repaid as follows: £120 on 1st Oct., 1873; £105 on 1st Oct. in 56 succeeding years.	£1,695 0 0
20	1873, January 20	£7,250	£3 17/6	Ditto.	For Improvements in Limehouse.	Ditto.	Fifty-seven years, to be repaid as follows: £138 on 1st Oct., 1873; £127 on 1st Oct. in 56 succeeding years.	£2,043 0 0
21	1874, October 1	£2,816 10/	£3 18/6	Ditto.	For Improvements in Wapping Wall, Shadwell.	Ditto.	Fifty-five years, to be repaid as follows: £62 10s. on 1st Oct., 1875; £51 on 1st Oct. in 54 succeeding years.	£725 10 0
	<i>Carried forward...</i>	£85,116 10/					<i>Carried forward...</i>	£67,903 10 0



## RETURN OF MONIES RAISED ON LOAN AT INTEREST (Continued).

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
	<i>Brought forward ...</i>	£85,116 10/					<i>Brought forward ...</i>	£67,903 10 0
22	1874, October 1	£2,816 10/	£3 18/6	General Rates.	For Improvements in Wapping Wall, Shadwell.	Metropolitan Board of Works.	Fifty-five years, to be repaid as follows: £62 10s. on 1st Oct., 1875; £51 on 1st Oct. in 54 succeeding years.	The whole. £2,816 10 0 (By Contribution from Metropolitan Board).
23	1876, February 9	£1,900	£3 18/6	Ditto.	For widening High Street, Wapping, between Wapping Dock Street, and Sir William Warren's Square.	Ditto.	Fifty-four years, to be repaid as follows: £45 on 1st Oct., 1876; £35 on 1st Oct. in 53 succeeding years.	£465 0 0
24	1876, February 9	£1,900	£3 18/6	Ditto.	Ditto.	Ditto.	Ditto.	The whole. £1,900 0 0 (By Contribution from Metropolitan Board).
25	1876, March 8	£10,500	£3 18/6	Ditto.	For Paving Commercial Road, East and West India Dock Roads, £2,500 For Paving in Limehouse £6,500 For Paving in Shadwell, £1,500 <u>£10,500</u>	Ditto.	Fifteen years, to be repaid as follows: £700 on 1st Oct., 1876; £700 on 1st Oct. in 14 succeeding years.	£9,100 0 0
26	1888, December 10	£5,000	£3 10/	Ditto	Relaying Paving of Commercial Road and East India Dock Road.	Ditto	Eight years, to be repaid by eight equal annual instalments; the first on 1st Oct., 1889.	Nil.
		<u>£107,233</u>						<u>£82,185 0 0</u>

## PROPERTIES BELONGING TO THE BOARD.

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Freehold Offices in White Horse Street, Ratcliff.

Leasehold Arch on the North side of the "Mitre" at Limehouse, let to Mr. Hawkridge at £5 per annum. Leasehold Arch on the South side of the "Mitre" under the London and Blackwall Railway, let to Mr. De Ritter at £4 per annum.

Leasehold Arch under the London and Blackwall Railway on the West side of Gill Street, Limehouse, and a piece of ground adjoining the said Arch.

Piece of Freehold Land, being the site of Nos. 7, 9, 11, 13, and 15, White Horse Street, Ratcliff.

Two Leasehold Arches under the London and Blackwall Railway, on the West side of White Horse Street, Ratcliff, and ground on the North side of the said Arches used as a Stone Yard.

Leasehold Arch in Little John Street, Ratcliff, under the London and Blackwall Railway, half used as a Mortuary, and the other half used as a Disinfecting House.

Piece of Freehold Land, North side of High Street, Wapping, adjoining St. John's Warehouse, part let to Dundee, Perth, and London Steam Navigation Company, as yearly Tenants, at £20 per annum, part let to Messrs. Skentelbery and Jarvis, at £2 10s. for every four weeks, and part used by the Board as a Stone Yard.

TO THE  
BOARD OF WORKS FOR THE LIMEHOUSE  
DISTRICT.

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DEPARTMENT OF WORKS,  
OFFICES, WHITE HORSE STREET,  
COMMERCIAL ROAD, E.

GENTLEMEN,

I beg to submit to you my report upon the works executed in the District from Lady-day, 1888, to Lady-day, 1889.

SEWERS.

In consequence of the old brick sewer in London Street, Ratcliff, being in a defective state, detailed plans and sections were prepared for constructing a new 12-in. pipe sewer, and the same having been approved by the Metropolitan Board of Works tenders were invited for the carrying out of the work, and that of Mr. G. G. Ratty, was accepted.

The new pipe sewer 790 feet in length has been completed.

The following sewers have been cleansed by the Contractor of the Board, viz. :

LIMEHOUSE.—

- 293 feet run of 18-in. brick sewer in St. Anne Street.
- 100 feet run of 12-in. pipe sewer in West Row.
- 188 feet run of 12-in. pipe sewer in Tile Yard.



#### RATCLIFF.—

148 feet run of 12-in. pipe sewer, and 26 feet run of 6-in. pipe sewer in Horseferry Road.

The following works have also been carried out by the Contractor to the Board, viz. :—

- A new Gulley in Caroline Street, Ratcliff.
- 13 Gullies repaired.
- 4 new Gulley Grates supplied and fixed.
- 1 Ventilator raised.
- 2 new Meter Boxes supplied and fixed.
- 1 Block Trap fixed.

The whole of the small brick and pipe sewers throughout the District have been flushed by the men employed by the Board, with water supplied by the East London Water Works Company.

### HOUSE DRAINAGE.

94 Buildings (including 36 New Structures and eight Blocks of Artizans' Dwellings) have been connected with the Sewers, and the following works executed in connection therewith, viz. :—

- 477 feet of 9-in. pipe drain laid.
- 2,526 " " 6-in. " " "
- 1,327 " " 4-in. " " "
- 86 Closet Pans and Traps fixed.
- 112 Sinks and Traps fixed.

### PAVING.

New Footway paving has been laid down as follows, viz. :—

LIMEHOUSE.—Parts of Salmon Lane, Stainsby Road, Burdett Road, Farrance Street, Dixon Street, Copenhagen Place, Commercial Road, Church Row, White Horse Street, Carr Street, Rhodeswell Road, North Street, and Parnham Street.

RATCLIFF.—Parts of London Street, York Road, York Street East and West, and Palmer Street.

SHADWELL.—Parts of High Street, Wapping Wall, and West Gardens



WAPPING.—Parts of Cooper's Row, High Street, Red Lion Street, and Upper Well Alley.

Old Footway Paving has been relaid as follows, viz. :—

LIMEHOUSE.—Parts of Galt Street, Rhodeswell Road, Salmon Lane, Stainsby Road, York Road, Northey Street, Dod Street, Willow Row, Burdett Road, West India Dock Road, Farrance Street, Commercial Road, Dixon Street, Eastfield Street, Copenhagen Place, Dalgleish Place, Gun Square, Brenton Street, Repton Street, Conder Street, Cayley Street, White Horse Street, Carr Street, Gloucester Street, Waterloo Street, North Street, Thomas Street, Parnham Street, Dakin Street, Narrow Street, Blount Street, East India Dock Road, Dod Street, Taylor's Place, Ropemaker's Fields, Nightingale Lane, Coombe's Alley, and Manning Street.

RATCLIFF.—Parts of White Horse Street, London Street, Ronald Street, Salmon Lane, York Road, Thomas Street, George Street, Medland Street, Commercial Road, York Street East and West, Broad Street, Bromley Street, Schoolhouse Lane, Brook Street, Durham Row, Stepney Causeway, Ann Street, Dorset Street, and Palmer Street.

SHADWELL.—Parts of Cable Street, Wapping Wall, West Gardens, High Street, Glamis Road, New Gravel Lane, Lower Shadwell, and Twine Court.

WAPPING.—Cooper's Row, Nightingale Lane, High Street, Neptune Street, Brewhouse Lane, Red Lion Street, Upper Well Alley, Church Court, Church Street, Black Boy Alley, and St. George Street.

Old Carriageway paving has been relaid as follows, viz. :—

LIMEHOUSE.—Parts of Batson Street, Gill Street, Commercial Road, Salmon Lane, Three Colt Street, Park Street, Kirk's Place, Dakin Street, Burdett Road, Halley Street, Thomas Street, East India Dock Road, Limehouse Causeway, Northey Street, Narrow Street, and Coombe's Alley.

RATCLIFF.—Parts of Bere Street, York Road, Steel's Lane, Horseferry Road, Medland Street, London Street, Broad Street, Commercial Road, White Horse Street, Brook Street, and Durham Row.

SHADWELL.—Parts of Cable Street, High Street, Wapping Wall, Glamis Road, West Gardens, and New Gravel Lane.

WAPPING.—Parts of High Street, Upper East Smithfield, Cinnamon Street, Red Lion Street, Upper Well Alley, Dock Street, and St. George Street.

The following works have also been carried out by the Contractors, viz. :—

LIMEHOUSE.—Part of the carriageway of Commercial Road, opposite the Town Hall, paved with new wood blocks, the kerb reset, and the footway relaid.

The carriageway paving of Gill Street taken up and relaid.

The footway paving on the bridge crossing the Lee Cut in Burdett Road, taken up and a bottom formed with breeze, with a layer of 3-in. of Portland Cement concrete, and the footway paving relaid, the deficiency being made up with new 3-in. York. The old landings have been coped square and relaid.

The footway paving on the East and West sides of Burdett Road, between the bridge and St. Paul's Road, taken up and relaid, and the deficiency made good with new Imperial stone, and the kerb reset.

RATCLIFF.—The footway paving in Periwinkle Street taken up and relaid, and the deficiency made good with new York, and the kerb reset.

SHADWELL.—The carriageway of Glamis Road from High Street to the entrance to the London Docks taken up and relaid, a portion redressed, and the deficiency made good with second-hand 3-in. by 7-in. stone.

WAPPING.—The carriageway of High Street, from the Thames Tunnel westward to Oliver's Wharf, taken up, dressed, and relaid, and the remaining portion paved with new 4-in. by 9-in. Aberdeen granite.

The carriageway of Upper East Smithfield, from Dock Street westward to the entrance to the Docks, taken up, dressed where required, and relaid, and a portion paved with second-hand 3-in. by 7-in. stone.

## MACADAM AND UNPAVED ROADS.

The defective parts of the carriageways of Thomas Street, Wilson Street, Burdett Road, Maroon Street, Barnes Street, Aston Street, Stainsby Road, St. Pauls Road, and Cayley Street, Limehouse, and Belgrave Street, and York Street East and West have been made good with broken Guernsey granite.



## ASPHALTE.

Parts of the Asphalte paving on the Britannia Bridge, Commercial Road, Limehouse, and White Horse Street, Ratcliff, where worn and defective have been made good.

## LIGHTING.

The number of Public Lamps in the District is as follows, viz. :—

Limehouse	...	...	...	394
Ratcliff	...	...	...	202
Shadwell	...	...	...	140
Wapping	...	...	...	98
				<hr/>
				834
				<hr/>

The above number shews an increase of 3 since Ladyday, 1888.

The two light burner and lamp on the Street Rest in East India Dock Road, has been removed and one of Bray's Patent Lanterns with ornamental column and guard posts fixed in place thereof similar in every respect to the Street Rests in Commercial Road, opposite Gill Street, and White Horse Street.

The lamp posts, columns and brackets throughout the District have been painted by the Commercial Gas Company.

As an experiment, additional 5 feet burners have been fixed in the lamps in the Burdett Road, with a view to improving the lighting of the road. The additional burners are to be extinguished at 12 midnight, and not lighted during the months of May, June, July, and August. It was found that the increased heat was too great for the ordinary lanterns, and larger lanterns, supplied by Messrs. Pontifex, were accordingly fixed in lieu thereof as ordered by the Board.

## NEW CARRIAGE CROSSINGS.

A new Carriage Crossing has been formed in Church Row, Limehouse, at the entrance to Messrs. Taylor, Walker & Co.'s premises.

A Carriage Crossing has been formed in Three Colt Street, Limehouse, at the entrance to the Mortuary.

## PUBLIC URINALS.

The number of Public Urinals in the District is 21.

The Urinals are flushed and cleansed three times each day by men employed by the Board, the water being supplied by the East London Water Works Company. During the hot and dry weather, it is often found necessary to have a more frequent cleansing.

The Urinals in Mill Place Limehouse, West Gardens, and High Street Shadwell, Upper East Smithfield, and Church Street Wapping, have been repaired.

## WORKS CARRIED OUT BY GAS AND WATER COMPANIES.

The East London Water Works Company have lowered their mains in North Street, and Waterloo Street Limehouse, and have laid a new main in Twine Court, Shadwell.

The Commercial Gas Company have laid a new 6-in. main from Broad Street, along Glasshouse Fields to the premises of Messrs. Moir & Co.

## CLEANSING AND WATERING.

The Carriageways and Footways of the principal streets throughout the District are swept and cleansed daily, and the other streets every alternate day. In bad weather the whole of the streets are cleansed daily, and the Commercial Road and East and West India Dock Roads, if necessary, twice each day.

During the season which commenced on the 1st March, 1888, and terminated on the 18th October, 1888, the streets were watered by the Contractors with water supplied by the East London Water Works Company, the quantity of water used during the season being 4,590,000 gallons.

## STREET NOMENCLATURE.

Orders were made by the Metropolitan Board of Works for the renumbering of the houses in Railway Place, Union Place, and Wilson Place, Limehouse, and notices were served upon the owners of the houses in such places respectively, requiring them to paint or affix new numbers in accordance with such orders and the same have been complied with.



## SNOW STORMS.

In consequence of the heavy fall of snow which took place on Sunday and Monday, the 10th and 11th February, 1889, extra men were engaged for the purpose of clearing the footways and channels, forming crossings, and clearing the principal thoroughfares. The snow was removed by the Contractors of the Board, who employed a large number of horses, carts, and men for the purpose, the quantity of snow carted being 1,442 loads, equal to 2,884 cubic yards. The cost incurred by the Board for extra labour was £22 1s. 1d., in addition to which one day's pay each was paid to the men in the employ of the Board who were engaged during the night of the 13th February.

## FLOODING AFTER STORMS.

With a view to the prevention of flooding consequent upon heavy falls of rain, the Metropolitan Board of Works have connected the Local Sewer in Turner's Road, Limehouse with the Low Level Sewer.

## GENERAL WORKS.

The Postal Telegraph Authorities have laid telegraph wire pipes as follows, viz. :—

From the London Dock Wall to the Sewer Ventilating Shaft by Hermitage Bridge, Wapping; from the existing pipe on the west side of West India Dock Road to the new Police Station; from the corner of Collingwood Street, Broad Street, Ratcliff to the office of the Free Trade Wharf Company on the north side of Broad Street; on the south side of East India Dock Road between the rear of Messrs. Coubro and Scrutton's premises and the existing pipe opposite; and on the west side of West India Dock Road between Messrs. Kirkaldy's premises and the existing pipe opposite. In each case the paving was made good by the Contractors of the Board, and the expense of re-instatement paid by the Post Office.

The Dry Docks Corporation of London have repaved the swing bridge at the entrance of Bridge Dry Dock, Narrow Street.

Messrs. Drew and Son, with the sanction of the Board, have erected a footbridge across Hunt's Mews, Shadwell, to connect their premises on either side of the Street.

The Proprietors of Atlantic Wharf, Bow Common, applied for the permission of the Board to lay a 6-in. pipe under the footway of a small part of Risbie's Rope Walk, Limehouse, for the conveyance of oil from Atlantic Wharf to the Regent's Canal Dock. The Board granted

the application, subject to certain terms embodied in an Agreement entered into between the applicants and the Board and the payment by them to the Board of a rental of 5/- per annum.

The London and St. Katharine's Docks Company have relaid the carriageway paving of the New Gravel Lane Bridge over the Shadwell Entrance of the London Docks.

The Wall enclosing the burial ground belonging to the Trustees of Stepney Meeting, fronting Wilson Street and adjoining the Urinal, has been rebuilt at the joint expense of the Board and the Trustees.

The houses belonging to the Board in White Horse Street, Ratcliff, have been pulled down, and the materials sold, and the site has been hoarded in.

By permission of the Board iron gangways have been erected by Messrs. Beresford and Co., of Sharp's Wharf, Wapping, outside the top floors of their warehouses known as Nos. 4, 5, and 6, Cinnamon Street, in order that the same may be in communication with each other.

The trees in Burdett Road have been retied.

The arches in Rose Lane have been lime-whited.

The East London Water Works Company have fixed hydrants in various parts of the District for the Metropolitan Board of Works.

## MAINTENANCE OF MAIN ROADS.

The Board having had its attention drawn to the provisions of the Local Government Act, 1888, as to the maintenance of Dis-turnpiked and Main Roads, I prepared a Report as to the roads in the District which I considered should be submitted to the London County Council as coming under the definition of Main Roads, and I suggested that all roads which might be decided by the Council to be Main Roads should be repaired and maintained by the District Board, the County Council contributing towards the expense thereof.

As certain of the roads specified in my Report were partly in adjoining Parishes, I also suggested that if joint action were taken by all the District Boards and Vestries in the East of London and a mutual understanding arrived at, the matter would go before the County Council with a great deal more force and importance than if each District made an isolated application. The Board accordingly,



having approved the Report, resolved to invite the Poplar and Whitechapel District Boards and the Vestries of Mile End Old Town, Bethnal Green, and St. George-in-the-East to appoint Delegates to confer with representatives of this Board upon the subject, and such conference will take place in due course.

## **LONDON HYDRAULIC POWER COMPANY.**

Notice was given dated 1st March, 1889, by the Engineers and General Managers of the London Hydraulic Power Company, of the intention of that Company to lay mains in those portions of Upper East Smithfield, and Dock Street, within the Limehouse District as shewn in the tracing accompanying the Notice. The Company have statutory powers under the London Hydraulic Power Acts, 1871, and 1884, to lay mains for applying motive power by hydraulic pressure, to cranes used for the purpose of raising and lowering goods, and for working Dock Gates, and other machinery, and also power to break up streets and lay down pipes for the purposes of the acts, the Company repaying any expense incurred by local authorities in relaying the paving &c., and in supervising the Company's works.

## **TRAMWAYS.**

The North Metropolitan Tramways Company are reconstructing their line in Burdett Road, and relaying the paving abutting thereon.

In July, 1888, the Directors of the Tramway Company, in consequence of a representation made by this Board, consented that in future the fares on the Cars running between the West India Dock and Victoria Park, should be the same on Sundays and Bank Holidays as on week days, a concession which has since been extended over the whole of the North Metropolitan Tramway Company's system.

## **DR. BARNARDO'S HOMES, STEPNEY CAUSEWAY.**

The carriageway of Stepney Causeway, from the part previously widened to the Commercial Road, has been widened to facilitate the traffic in that thoroughfare, and the same has been paved with asphalt by the Val de Travers Asphalt Paving Company, the cost of the works being borne by Dr. Barnardo.

Dr. Barnardo has by consent of the Board, placed two ornamental lamps and columns, at the end of Stepney Causeway, in Commercial Road, with notices indicating the situation of the Homes. The cost of lighting the lamp on the west side is paid by Dr. Barnardo, and of the other (fixed in lieu of the public lamp and column formerly there), by the Board.

Tablets have been placed in Stepney Causeway, under the name of the street, to indicate the position of the Homes. The tablets were fixed by Dr. Barnardo, at his expense in accordance with conditions specified by the Board.

## ELECTRIC LIGHTING.

A Notice was received dated 29th June, 1888, from Messrs. Deacon & Co., Solicitors for the London Electric Supply Corporation, Limited, of the Company's intention to apply to the Board of Trade for a provisional order, to be confirmed in the ensuing session of Parliament, whereby it was proposed to authorise the Company to supply Electricity for any public or private purposes in the various Parishes and Districts in the Metropolis, and that the proposed area of supply would include the whole of the Limehouse District.

A similar Notice was also received dated 29th June, 1888, from Mr. E. R. Creed, Secretary of the South Metropolitan Electric Supply Company, Limited, of the Company's intention to apply to the Board of Trade, in the ensuing session, for a provisional order for power to supply Electricity for lighting and other purposes in certain streets and places within the Limehouse District.

Both of such Notices were subsequently abandoned.

## IMPROVEMENTS.

The Footway in the Commercial Road, opposite the Town Hall, Limehouse, has been reduced in width, so as to facilitate the carriage traffic.

The Footway on the west side of Upper Well Alley, has been reduced in width to 1 ft. 6 ins., so that two vehicles can pass.

The purchase from the Receiver of Police of the piece of ground at the corner of Amoy Place and Birchfield street, required for the setting back the building line at the north end of the latter thoroughfare, and referred to in my last Report, has been completed, and the land has been thrown into the public way and paved by the Board's Contractors.

The London Laborers' Dwellings Society, having purchased a number of houses on the east side of New Gravel Lane, from the "Bull" public house to Wapping Wall and pulled them down and cleared the ground for the purpose of erecting Artizans' Dwellings, an opportunity occurred to complete the widening of Wapping Wall, the centre portion of which was widened by the Board in 1874, a moiety of the cost of the improvement



being contributed by the Metropolitan Board of Works. As authorised by the Board I accordingly entered into communication with the Secretary of the Society, with a view to the acquisition of the land required, being the site of Nos. 1 and 2, Wapping Wall, and the Society agreed to accept the sum of £250 for the same. The Metropolitan Board acceded to an application for a contribution of one half the cost, and the purchase having been completed, the land was thrown into the public way, increasing the width of the thoroughfare from 23-ft. 6-in., to 34-ft. at the west end.

Mr. King the owner of Gun Dock and Wharf, High Street, Wapping, being about to erect new warehouses upon the site, informed the Board that he was willing to sell to the Board for the purpose of widening the street, a piece of land the area of which was about 800 superficial feet, and which would be vacant when the new warehouses were completed, for the sum of £1,000. The Board authorised me to communicate with Mr. King with a view to his accepting a smaller sum for the land in question, and ultimately after long negociation he agreed to accept £300 for the same. The Metropolitan Board of Works upon application consented to contribute one moiety of the amount, and the purchase will be completed in due course.

I am, GENTLEMEN,

Your most obedient Servant,

CHARLES DUNCH,

*Surveyor of the Board.*

THE first of the three parts of the book is devoted to a general survey of the history of the world, from the beginning of time to the present day. The second part is devoted to a detailed account of the history of the United States, from the first settlement to the present day. The third part is devoted to a detailed account of the history of the British Empire, from the first settlement to the present day.

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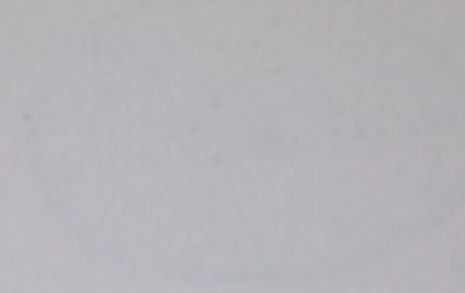
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BOARD OF WORKS  
FOR THE  
LIMEHOUSE DISTRICT.

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*REPORT of the MEDICAL OFFICER OF HEALTH for  
the year 1888.*

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BOARD OF WORKS  
CITY OF NEW YORK  
THIRTIETH DISTRICT

REPORT OF THE BOARD OF WORKS  
FOR THE YEAR 1900





TO THE

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

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GENTLEMEN,

I have the honour to submit my Report on the Health and Sanitary condition of the Limehouse District for the year 1888.

During that year there were registered in the District 420 Marriages, a number which corresponds exactly with that registered in the previous year, but which falls short of the average of the ten years 1878-87 by 43. The Marriage rate in the District was again 14 persons per 1,000 population, while in London it was 16.1 per 1,000, the lowest Marriage rate yet recorded in London.

The Births registered in the District numbered 2,084, and were 90 below the average of the last ten years. They corresponded to an annual birth rate of 35.5 per 1,000, that of London having been 30.7 per 1,000 population.

The registered Deaths, exclusive of those of non-residents which occurred in Public Institutions situated in the District, but inclusive of those of residents which occurred in Public Institutions beyond the limits of the District numbered 1441 and corresponded to a death rate of 24.6 per 1,000 population, that of London having been 18.5 per 1,000, by far the lowest rate yet recorded.

The Deaths of Children under 5 years numbered 712, of which 431 were those of children under one year.

The number of deaths in Public Institutions within and without the District of persons ordinarily resident therein was 315.

The deaths from Diseases of a ZYMOTIC character numbered, 264 and included 88 from Measels, 23 from Scarlatina, 58 from Whooping Cough, 23 from Diphtheria, 9 from Enteric Fever, and 40 from Diarrhœa. Compared with the annual average of the last ten years the deaths from Measles were nearly double, those from Scarlet Fever under half, those from Diphtheria more than double, those from Whooping Cough about equal, those from Enteric Fever slightly below, while those from Diarrhœa were considerably below. The total number of deaths from these causes during the year were 241, and the annual average of the last ten years was 255.5.

The Deaths from CONSTITUTIONAL DISEASES numbered 205, and included 29 from Cancer, 34 from Tabes Mesenterica, 15 from Tubercular Meningitis, and 102 from Phthisis. The deaths from Cancer continue to shew a steady increase.

DEVELOPMENTAL DISEASES caused 116 deaths, of which 25 were due to Premature Birth and 86 to old age.

LOCAL DISEASES caused 709 deaths, and included 154 from affections of the Nervous System, 79 from diseases of the Circulatory System, 362 from affections of the Respiratory System, 67 from diseases of the Digestive System, and 33 from diseases of the Urinary System.

The Deaths due to VIOLENCE numbered 77, of which 72 were due to Accident or Negligence.

Forty seven deaths were registered as due to Debility.

### Infectious Sickness.

One case of Typhus and one of Smallpox occurred during the year. The patients were removed to Hospital, the usual precautions taken, and no further cases occurred.

Measles was again prevalent in the District, no fewer than 94 cases having come to my knowledge, of which 88 were reported as deaths.

Sixty one cases of Scarlatina came under my observation of which 23 were reported as deaths; of these 15 died in Limehouse, 4 in Ratcliff, and 4 in the Homerton Fever Hospital.

Thirty two cases of Diphtheria were reported to me of which 23 were deaths. Twelve deaths occurred in Shadwell in which Parish is situated the East London Childrens' Hospital, 9 in Limehouse, and 2 in Institutions outside the District.

Twenty nine cases of Enteric Fever came to my knowledge, and of these 9 were reported as deaths; 1 occurred in Shadwell, 1 in Ratcliff, 4 in Limehouse, and 3 in Institutions outside the District.



## Sanitary Work.

For the details of routine Sanitary inspections, I beg to refer you to Table VI.

The premises of Messrs. Wickens, Pease & Co., Bone boilers, of Broad Bridge, Shadwell, came under my notice several times. The nuisance from this place is intermitting; at one time it arises from the bones collected for boiling, at another from the contents of the bone hole, and at another from the general dirtiness of the premises. Nothing but systematic and frequent visitation prevents these premises from becoming an intolerable nuisance to the neighbourhood.

The Limehouse Cut was frequently under observation, and examinations of the water in the Cut were made, but revealed nothing of importance. I am confident that the complaints made of smell from the Cut, take their origin in the majority of cases from the offensive nature of the cargoes of many of the barges.

Measles prevailed in the Autumn to such an extent in the neighbourhood of the Gill Street and Northey Street Board Schools that I suggested to the Managers the advisability of closing them. My advice having been acted upon the epidemic declined and the Schools were opened again in about a month.

From the Linde British Refrigeration Company I received grievous complaints of nuisance arising from the man-hole and sewer grating in front of their premises in Lower Shadwell. Various representations were made regarding it to the Metropolitan Board of Works, but the steps taken were only palliative and from time to time the complaints were renewed. The nuisance arising from the sewer gratings in the District is very serious and





those in Wapping have been on several occasions the subject of complaint.

The cowsheds, slaughter houses and bakehouses were duly inspected ; a list of these premises is to be found in the appendix.

### Sale of Food and Drugs' Act.

One hundred samples of food, etc. were examined at the Laboratory during the year, viz : 24 of Milk of which 5 were adulterated with water in proportions varying from 6 to 21 per cent. Twelve of Mustard, of which one sample contained 33 per cent. of Starch coloured with Turmeric. Six of Pepper, of which one sample was adulterated with 20 per cent of Pea-flour. Three of Whiskey, of which one sample was 9.6. degrees U.P. below the standard prescribed by the Act. Four of Vinegar, of which two were poor in Acetic Acid. Ten of Coffee, of which two were adulterated with 75 per cent. of Chicory. The remainder consisting of Bread, Butter, Gin, Cocoa and Quinine were unadulterated.

Again I have to acknowledge the great assistance I have received from the Inspectors in the carrying on of the Sanitary Work of the District. The duties devolving upon them have been performed with tact, intelligence and assiduity.

I have the honour to remain,

GENTLEMEN,

Your most obedient Servant,

G. A. ROGERS.

*Medical Officer of Health and  
Public Analyst.*

*Board's Offices :—*

WHITE HORSE STREET,  
July 10th, 1889.

TABLE I.

Shewing the Population, Inhabited Houses, Marriages, Births, and Deaths,  
for the Year 1888, and 10 years preceding.

Population estimated at the middle of the year 1888.	Estimated No. of Inhabited Houses.	Marriages.	Registered Births.	Corrected No. of Deaths.			Deaths in Public Institutions.
				Total All Ages.	Under One Year.	Under Five Years.	
<b>58,600.</b>	<b>8,012.</b>	<b>420</b>	<b>2,084.</b>	<b>1,441.</b>	<b>431.</b>	<b>712.</b>	<b>315.</b>
1887	8,012	420	2,064	1,450	363	626	349
1886	8,012	400	2,016	1,470	360	650	249
1885	8,012	408	2,124	1,490	345	625	376
1884	8,012	449	2,202	1,369	306	584	249
1883	8,012	494	2,153	1,478	367	687	247
1882	8,012	468	2,275	1,469	352	693	237
1881	8,012	468	2,176	1,428	322	595	258
1880	8,012	484	2,210	1,540	371	732	250
1879	7,820	504	2,286	1,554	390	711	250
1878	7,820	544	2,240	1,484	372	667	255
Average of 10 yrs. 1878-87.	7,973	463	2,174	1,473	354	657	272

## NOTES.

1. Population at Census, 1881, 58,543.
2. Average No. Persons in each house at Census 1881, 7.3.
3. Area in Acres, 576.

TABLE II.

Shewing the Annual Birth Rate, Rate of Mortality, Death Rates among Children, and Deaths in Public Institutions, for the year 1888, and 10 years preceding.

IN THE YEAR.	Birth Rate per 1,000 of the Population.	Corrected Death Rate per 1,000 of the Population.	Deaths of Children under 1 year; per 1,000 of Registered Births.	Deaths of Children under 1 year; per 1,000 of Total Deaths.	Deaths of Children under 5 years; per 1,000 of Total Deaths.	Deaths in Public Institutions; per 1,000 of Total Deaths.
1888	35.5	24.6	207.	299.	494.	218.
1887	35.0	24.7	176	250	431	240
1836	34.4	25.0	178	244	442	170
1885	36.0	25.4	162	230	420	252
1834	37.0	23.3	139	224	425	181
1883	38.0	25.0	165	250	464	166
1882	38.8	25.0	150	240	470	161
1881	37.0	24.3	148	232	417	180
1880	38.0	26.2	170	240	475	162
1879	36.0	25.9	170	250	457	160
1878	35.0	24.7	160	250	450	171
Average of 10 yrs. 1878-87.	36.5	24.9	161	241	445	184



TABLE III.

Deaths Registered from all Causes during the Year, 1888.

NOTE.—The deaths of non-Residents occurring in Public Institutions situated in the District are excluded and the Deaths of Residents occurring in Public Institutions situated beyond the limits of the District, are included.

Cause of Death.	AGES.												Total.	55 to 60
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and upwards.			
CLASSES.														
I. Zymotic Diseases .....	105	131	11	1	5	2	4	1	2	2	..	264	..	..
II. Parasitic Diseases .....	1	..	..	..	..	..	..	..	..	..	..	1	..	..
III. Dietic Diseases .....	1	..	..	..	2	1	2	..	..	..	..	6	..	..
IV. Constitutional Diseases .....	34	27	5	19	34	30	25	18	7	6	..	205	..	..
V. Developmental Diseases .....	30	..	..	..	..	..	..	4	31	39	12	116	..	..
VI. Local Diseases .....	193	112	22	28	28	60	83	79	68	29	7	709	..	..
VII. Violent Deaths .....	22	9	5	6	13	7	4	7	2	2	..	77	..	..
VIII. Not specified or ill-defined ..	45	2	..	2	3	5	2	3	1	..	..	63	..	..
TOTALS .....	431	281	43	56	85	105	120	112	111	78	19	1441	..	..
Class 1. ZYMOTIC DISEASES														
Order 1.—Miasmatic.														
1 Smallpox { Vaccinated .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
{ Unvaccinated .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
{ No Statement .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Measles .....	26	58	3	..	..	1	..	..	..	..	..	88	..	..
3 Scarlet Fever (Scarlatina) .....	5	16	1	..	..	1	..	..	..	..	..	23	..	..
4 Typhus Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5 Whooping Cough .....	25	33	..	..	..	..	..	..	..	..	..	58	..	..
6 Diphtheria .....	2	16	5	..	..	..	..	..	..	..	..	23	..	..
7 Simple Continued Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 Enteric or Typhoid Fever .....	..	3	2	..	3	..	..	..	1	..	..	9	..	..
9 Other Miasmatic Diseases .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 2.—Diarrhoeal Diseases.														
1 Diarrhoea, Dysentery .....	33	3	..	..	..	2	1	1	..	..	..	40	..	..
Order 3.—Malarial Diseases.														
1 Remittent Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Ague .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 4.—Zoogenous Diseases.														
1 Cowpox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Other Diseases .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 5.—Venereal Diseases.														
1 Syphilis .....	10	..	..	..	1	..	..	..	..	..	..	11	..	..
Order 6.—Septic Diseases.														
1 Erysipelas .....	4	..	..	1	..	1	..	1	1	..	..	8	..	..
2 Pyæmia, Septicæmia .....	..	2	..	..	1	1	..	..	..	..	..	4	..	..
Class 2. PARASITIC DISEASES.														
1 Thrush .....	1	..	..	..	..	..	..	..	..	..	..	1	..	..
Class 3. DIETIC DISEASES.														
1 Want of Breast Milk .....	1	..	..	..	..	..	..	..	..	..	..	1	..	..
2 Chronic Alcoholism .....	..	..	..	..	1	1	..	..	..	..	..	2	..	..
3 Delirium Tremens .....	..	..	..	..	1	2	..	..	..	..	..	3	..	..
Class 4. CONSTITUTIONAL DISEASES														
1 Rheumatic Fever .....	..	..	..	1	..	1	..	..	..	..	..	2	..	..
2 Rheumatism .....	..	..	1	..	..	1	..	1	..	..	..	3	..	..
3 Gout .....	..	..	..	..	..	1	..	1	..	..	..	2	..	..
4 Rickets .....	2	6	..	..	..	..	..	..	..	..	..	8	..	..
5 Cancer .....	..	..	..	..	3	5	5	8	4	4	..	29	..	..
6 Tabes Mesenterica .....	24	8	..	1	..	..	1	..	..	..	..	34	..	..
7 Hydrocephalus .....	7	6	1	..	..	..	..	..	1	..	..	15	..	..
8 Phthisis .....	1	3	3	15	30	22	18	8	1	1	..	102	..	..
9 Scrofula .....	..	3	..	2	1	1	..	..	..	..	..	7	..	..
10 Diabetes .....	..	..	..	..	..	..	..	1	1	..	..	2	..	..
11 Other Diseases .....	..	1	..	..	..	..	..	..	..	..	..	1	..	..
Class 5. DEVELOPMENTAL DISEASES														
1 Premature Birth .....	25	..	..	..	..	..	..	..	..	..	..	25	..	..
2 Atelectasis .....	2	..	..	..	..	..	..	..	..	..	..	2	..	..
3 Congenital Malformations .....	3	..	..	..	..	..	..	..	..	..	..	3	..	..
4 Old Age .....	..	..	..	..	..	..	..	4	31	39	12	86	..	..
Class 6. LOCAL DISEASES.														
Order 1.—Nervous System.														
1 Inflammation of Brain .....	7	7	6	1	..	..	1	..	1	..	..	23	..	..
2 Apoplexy .....	1	..	..	..	6	9	9	6	11	7	..	49	..	..
3 Insanity .....	..	..	1	..	1	1	1	2	..	..	..	6	..	..
4 Epilepsy .....	..	..	..	..	1	..	..	..	..	..	..	1	..	..
5 Convulsions .....	55	7	..	..	1	..	1	..	..	..	..	64	..	..
6 Laryngismus Stridulus .....	3	..	..	..	..	..	..	..	..	..	..	3	..	..
7 Paralysis Agitans .....	..	..	..	..	..	1	2	..	1	1	..	5	..	..
8 Other Diseases .....	..	1	..	..	..	..	2	..	..	..	..	3	..	..

Cause of Death.	AGES.											Total.	55 to 60
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and upwards.		
Class 6. LOCAL DISEASES continued													
Order 2.—Diseases of Organs of Special Sense.													
(e.g., of Ear, Eye, Nose).....	..	..	..	..	..	1	..	..	..	..	1	..	..
Order 3.—Circulatory System.													
1 Pericarditis .....	..	..	..	..	..	..	..	..	1	..	1	..	..
2 Acute Endocarditis .....	..	..	..	..	..	..	..	1	..	..	1	..	..
3 Valvular Diseases of Heart ..	..	..	3	9	1	7	12	12	5	2	1	52	..
4 Other Diseases of Heart .....	..	..	1	..	..	3	4	5	5	2	..	20	..
5 Aneurism .....	..	..	..	..	1	..	..	1	..	..	..	2	..
6 Embolism, Thrombosis .....	..	..	1	..	..	..	..	..	1	..	..	2	..
7 Other diseases of Blood Vessels ..	..	..	..	..	..	1	..	..	..	..	1	..	..
Order 4.—Respiratory System.													
1 Laryngitis .....	1	4	1	..	..	..	..	..	..	..	6	..	..
2 Croup .....	1	5	..	..	..	..	..	..	..	..	6	..	..
3 Asthma .....	..	..	..	..	..	1	1	..	..	..	2	..	..
4 Bronchitis .....	81	58	2	3	6	13	24	35	34	10	2	268	..
5 Pneumonia .....	13	18	2	6	3	12	7	5	2	..	1	69	..
6 Pleurisy .....	..	..	1	..	..	3	2	..	..	..	..	6	..
7 Other Diseases .....	1	2	1	..	..	1	..	..	..	..	..	5	..
Order 5.—Digestive System.													
1 Dentition .....	18	4	..	..	..	..	..	..	..	..	22	..	..
2 Diseases of Stomach .....	..	1	..	..	1	..	1	1	..	..	4	..	..
3 Enteritis .....	5	2	..	..	..	..	..	..	..	..	7	..	..
4 Obstructive Diseases of Intestine ..	2	..	..	..	..	1	1	1	1	3	1	10	..
5 Peritonitis .....	1	..	2	1	1	..	1	1	..	..	..	7	..
6 Ascites .....	..	..	1	..	..	..	..	..	1	..	2	..	..
7 Cirrhosis of Liver .....	..	..	..	..	2	3	1	2	..	..	8	..	..
8 Jaundice .....	1	..	..	1	1	1	1	..	..	..	1	6	..
9 Other Diseases .....	1	..	..	..	..	..	..	..	..	..	..	1	..
Order 6.—Urinary System.													
1 Nephritis .....	1	2	..	3	1	2	1	..	1	..	11	..	..
2 Bright's Disease, Albuminuria ..	..	..	..	..	1	6	4	5	..	2	1	19	..
3 Disease of Bladder .....	..	..	..	..	..	..	..	2	..	..	..	2	..
4 Other Diseases .....	..	1	..	..	..	..	..	..	..	..	..	1	..
Order 7.—Diseases of Reproductive System.													
A. Of Organs of Generation.													
1 Male Organs .....	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Female Organs .....	..	..	..	..	..	..	..	..	..	..	..	..	..
B. Of Parturition.													
1 Abortion, Miscarriage .....	..	..	..	..	1	..	..	..	..	..	1	..	..
2 Puerperal Convulsions .....	..	..	..	1	1	1	..	..	..	..	3	..	..
3 Placenta prævia, Flooding .....	..	..	..	..	1	..	..	..	..	..	1	..	..
4 Other Accidents .....	..	..	..	1	..	..	..	..	..	..	1	..	..
Order 8.—Diseases of Bones and Joints.													
1 Caries, Necrosis .....	..	..	..	..	..	..	1	..	..	..	1	..	..
2 Arthritis, Ostitis, Periostitis ..	..	..	2	..	..	..	..	1	..	..	3	..	..
Order 9.—Integumentary System													
1 Carbuncle, Phlegmon .....	1	..	..	1	..	1	..	..	..	..	3	..	..
2 Other Diseases .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Class 7. VIOLENT DEATHS.													
Order 1. Accident or Negligence.													
1 Fractures and Contusions .....	1	..	2	..	1	..	2	2	2	2	12	..	..
2 Wounds { Gunshot .....	..	..	..	..	..	..	..	..	..	..	..	..	..
{ Cut, Stab .....	..	2	..	..	..	..	..	..	..	..	2	..	..
3 Burns and Scalds .....	1	2	..	..	..	2	..	1	..	..	6	..	..
4 Poison .....	..	..	..	..	..	1	..	1	..	..	2	..	..
5 Drowning .....	..	1	3	6	7	12	2	2	..	..	23	..	..
6 Suffocation .....	19	3	..	..	..	..	1	..	..	..	25	..	..
7 Otherwise .....	..	1	..	..	1	..	..	..	..	..	2	..	..
Order 2.—Homicide.													
1. Murder .....	1	..	..	..	..	..	..	..	..	..	1	..	..
Order 3.—Suicide.													
1 Cut, Stab .....	..	..	..	..	2	..	..	..	..	..	2	..	..
3 Otherwise .....	..	..	..	..	2	..	..	..	..	..	2	..	..
Class 8. DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES.													
1 Dropsy .....	1	..	..	..	..	..	2	2	..	..	5	..	..
2 Debility, Atrophy, Inanition ..	44	1	..	1	..	1	..	..	..	..	47	..	..
3 Tumour .....	..	1	..	1	..	1	..	..	..	..	3	..	..
4 Abscess .....	..	..	..	..	1	..	..	..	..	..	1	..	..
5 Hemorrhage .....	..	..	..	..	2	2	..	..	..	..	4	..	..
Causes not specified or ill defined ..	..	..	..	..	..	1	..	1	1	..	3	..	..



## SUMMARY OF TABLE III.

	No. of Deaths.
I.—SPECIFIC FEBRILE, OR ZYMOTIC DISEASES.	
1. Miasmatic Diseases .....	201
2. Diarrhoeal     " .....	40
3. Malarial       " .....	
4. Zoogenous     " .....	
5. Venereal       " .....	11
6. Septic         " .....	12
II.—PARASITIC DISEASES .....	1
III.—DIETIC DISEASES .....	6
IV.—CONSTITUTIONAL DISEASES.....	205
V.—DEVELOPMENTAL DISEASES .....	116
VI.—LOCAL DISEASES.....	
1. Diseases of Nervous System.....	154
2. Diseases of Organs of Special Sense .....	1
3. Diseases of Circulatory System .....	79
4. Diseases of Respiratory System .....	362
5. Diseases of Digestive System .....	67
6. Diseases of Lymphatic System .....	
7. Diseases of Gland-like Organs of Uncertain Use.....	
8. Diseases of Urinary System.....	33
9. Diseases of Reproductive System .....	
(a). Diseases of Organs of Generation .....	
(b). Diseases of Parturition .....	6
10. Diseases of Bones and Joints .....	4
11. Diseases of Integumentary System.....	3
VII.—VIOLENCE.	
1. Accident or Negligence .....	72
2. Homicide .....	1
3. Suicide .....	4
4. Execution .....	
VIII.—ILL-DEFINED AND NOT SPECIFIED CAUSES ...	63
TOTAL.....	1,441



TABLE IV.

Shewing the Number of Deaths at all ages in 1888, from certain groups of Diseases, and proportions to 1,000 of Population, and to 1,000 Deaths from all causes ; also the Number of Deaths of Infants under one year of age from other groups of Diseases, and proportions to 1,000 Births and to 1,000 Deaths from all causes under one year.

Division I. (Adults).	Total Deaths.	Deaths per 1,000 of Population, at all ages.	Deaths per 1,000 of Total Deaths, at all ages.
1. Principal Zymotic Diseases	241	4.1	167
2. Pulmonary Diseases .....	362	6.1	251
3. Principal Tubercular Diseases	151	2.5	105
Division II. (Infants under One Year).	Total Deaths.	Deaths per 1,000 of Births.	Deaths per 1,000 of Total D'ths under 1 yr.
4. Wasting Diseases .....	70	33	162
5. Convulsive Diseases .....	87	42	202

## NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Typhus, Enteric (or Typhoid), and Simple Continued Fevers, and Diarrhoea ; Nine of the deaths occurred in Hospitals situated beyond the limits of the District.
3. Includes Phthisis, Scrofula, Rickets, and Tabes.
4. Includes Marasmus, Atrophy, Debility, want of Breast Milk, and Premature Birth.
5. Includes Hydrocephalus, Infantile Meningitis, Convulsions, and Teething.

TABLE V.

Shewing the Number of Deaths from the seven principal Zymotic Diseases,  
in the 10 Years, 1878 to 1887 and in the Year 1888.

Disease.	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	Annual Average of 10 years, 1878-1887.	Proportion of Deaths to 1,000 Deaths in 10 years, 1878-1887.	1888	Proportion of Deaths to 1,000 Deaths in 1888.
Smallpox ...	63	2	20	42	17	6	29	22	0	0	20.1	13.6	0	0
Measles .....	31	49	37	52	25	57	7	87	39	58	44.2	30.0	88	61
Scarlet Fever	16	71	112	22	65	84	74	32	23	27	52.6	35.7	23	16
Diphtheria...	9	11	8	8	4	18	4	20	7	10	9.9	6.7	23	16
Whooping Cough ...	81	43	62	41	113	30	52	49	56	65	59.2	40.1	58	40
Fever {	Typhus	4	2	5	1	0	0	1	0	0	1.3	.8	0	0
	Enteric	14	13	2	17	8	13	11	18	6	11.5	7.8	9	6
	Simple contin'd	3	3	1	4	1	1	3	1	1	1.9	1.3	0	0
Diarrhœa ...	64	44	56	55	42	45	53	42	80	67	54.8	37.2	40	27
Total .....	285	238	303	242	275	254	235	265	224	234	255.5	173.2	241	166
London .....	14724	12256	13681	13811	13533	10801	13629	11261	11122	12684	12751	154	10803	137

TABLE VI.

THE INSPECTORS' REPORT OF THE SANITARY WORK, &c.,  
Completed in the year ending December 31st, 1888.

SANITARY WORK, &c.	PARISHES.		
	Limehouse.	Ratcliff, Shadwell, and Wapping.	Total.
No. of Houses, Premises, &c., inspected.....	2349	1816	4165
Orders issued for Sanitary Amendments of Houses and Premises .....	1761	1016	1777
Houses and Premises cleansed, repaired, and Whitewashed .....	266	85	351
Houses disinfected after Infectious Diseases .....	121	43	164
House Drains Repaired, Cleansed and Trapped ...	265	351	616
House Drains Ventilated .....	24	9	33
Yards Paved and Paving Repaired.....	79	115	194
Privies and Water Closets Repaired, Cleansed &c.	70	97	167
" " supplied with Water ...	697	218	915
" " New provided .....	14	7	21
Dust Bins—New provided .....	66	26	92
" Repaired and Covered.....	50	25	75
Water Supply Laid on.....	99	17	116
Waste Pipes connected with Drains Abolished .....	20	—	20
Dust Removal, Complaints received and attended to	391	350	741
Removal of Accumulations and Dung, Stagnant Water, Animal and other Refuse .....	10	18	28
Dead Bodies Removed to Mortuary .....	2	—	2
Canal Boats Inspected .....	72	—	72
Floorings, Stairs, Window-sashes and Eaves, Gutters Provided .....	64	12	76
Overcrowding abated .....	19	2	21
Notices to Schools of Infectious Disease.....	102	23	125
Factory Inspections .....	—	150	150
Factory Nuisances Abated .....	3	2	5
Bakehouses Regularly Inspected.....	31	17	48
Licensed Cowsheds Inspected.....	5	7	12
" Slaughter Houses .....	7	—	7
Legal Proceedings, i.e. Summonses.....	25	10	35
Houses Closed unfit for Habitation.....	13	9	22

GEORGE HURLOCK,

THOMAS STACE,

Inspectors.



TABLE VII.

Shewing the Localities in which certain Diseases of a Zymotic character occurred during the year 1888.

LOCALITY.	Measles.	Scarlatina.	Diphtheria.	Enteric Fever.
Albert-street .....	1	—	—	1
Ann-street .....	—	—	—	—
Ann's-place .....	—	1	—	—
Aston-street .....	2	—	—	1
Acland-street .....	1	—	—	1
Agnes-street .....	—	5	—	—
Angel-gardens .....	1	—	—	—
Burdett-road .....	—	2	—	—
Brook-street .....	1	1	—	—
Bromley-street .....	2	—	—	—
Blount-street .....	—	1	—	—
Brenton-street ..	2	—	—	1
Burgess-street.....	2	2	—	—
Baroda-place .....	1	—	—	—
Brooks-terrace .....	1	—	—	—
Broad-street .....	1	—	—	—
Balls-Buildings .....	1	—	—	—
Chusan-place .....	—	1	—	—
Childrens' Hospital .....	3	5	13	2
Carr-street .....	3	—	—	2
Church-court .....	1	3	—	—
Cable-street .....	—	—	1	—
Conder-street .....	1	3	—	—
Commercial-road .....	—	2	—	1
Cosh's-Buildings.....	—	1	—	—
Church-row.....	2	—	—	—
Copenhagen place .....	1	—	1	—
<i>Carried forward</i> .....	27	27	15	9

TABLE VII. (*Continued.*)

LOCALITY.	Measles.	Scarlatina.	Diphtheria.	Enteric Fever.
<i>Brought forward</i> .....	27	27	15	9
( Dalgleish-street .....	—	2		
( Durham-row .....	2			
( Dora-street .....	1			
( Dixon-street .....	—	—	—	1
Eastfield-street .....	4	1	2	
Farrance-street .....	—	—	—	2
Gill-street .....	2	3		
Halley-street .....	1			
High-street (Shadwell) .....	1	—	1	
Havering-street .....	1	—	2	
Henry-street .....	1			
Juniper-street.....	2	1	—	1
John-street .....	1			
Jamaica-place .....	—	1		
James-street .....	1			
Lock-side .....	—	—	2	
Love-lane .....	1	1		
Locksley-street .....	—	2		
Lee-street .....	—	—	—	3
Lowell-street .....	—	1		
Loob's-court .....	1			
<i>Carried forward</i> .....	46	39	22	16

TABLE VII. (*Continued.*)

LOCALITY.	Measles.	Scarlatina.	Diphtheria.	Enteric Fever.	1873.
<i>Brought forward</i> .....	46	39	22	16	3
Maroon-street.....	—	3			
Marchants-row .....	—	1			
Market-hill .....	—	—	—	1	1
Mercer-street .....	1				
Mays-Cottages .....	3	—	—	1	1
Milk-yard .....	2				
Medland-street .....	2				
North-street .....	3	1	2		
Northey-street .....	2				
Narrow-street.....	—	1			
Nesbit's-rents .....	1				
Orchard .....	—	—	—	1	1
Ohren's-court .....	1	—	2		
Peabody-square .....	1	1	—	1	1
Pope's-hill .....	—	—	1		
Peel-alley .....	—	—	1		
Pelling-street .....	—	1	1		
Parnham-street .....	1				
Perewinkle-street .....	—	—	—	1	1
Red Lion-street .....	1	—	—	1	1
Ratcliff-square .....	1	—	—	1	1
Rhodeswell-road.....	1				
Repton-street .....	1	1			
Rose-lane .....	—	2			
Rich-street .....	1				
<i>Carried forward</i> .....	68	50	29	23	22



TABLE VII. (*Continued.*)

LOCALITY.	Measles.	Scarlatina.	Diphtheria.	Enteric Fever.
<i>Brought forward</i> .....	68	50	29	23
Samuel-street .....	2			
Selsey-street .....	2	—	2	
Samuel-street .....	—	1		
St. Anns-row .....	—	1		
Salmon's-lane .....	1			
Stepney-causeway .....	1			
Schoolhouse-lane .....	—	1		
Spencer-street.....	1			
Streatfield-street.....	1	—	—	2
Tenbury-place.....				
Tomlin's-terrace'.....	1	3		
Tower-buildings.....	1	—	—	1
Thomas-street (Ratcliff).....	1	2		
Thomas-street (Limehouse) .....	—	—	—	2
Turner's-road .....	—	1		
Twine-court .....	1			
Tile-yard.....	1			
Thirza-street .....	1			
Three Colt-street .....	—	1		
Union-place .....	1			
White Horse-street .....	2	—	—	1
Walker-street.....	2			
Warton-place .....	—	1		
West-gardens .....	1			
White Hall-place .....	3			
West India-road.....	1			
York-buildings .....	2	—	1	
TOTAL.....	94	61	32	29

TABLE VIII.

LIST OF ARTICLES DISINFECTED IN THE APPARATUS  
 BELONGING TO THE BOARD OF WORKS  
 FOR THE LIMEHOUSE DISTRICT.

FROM JANUARY 1ST TO DECEMBER 31ST, 1888.

Articles.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Beds .....	12	7	14	16	10	19	12	17	12	20	18	12	169
Sheets .....	17	26	24	27	22	30	16	26	18	24	28	16	274
Blankets ...	24	10	26	30	69	26	19	28	20	26	30	22	330
Bolsters .....	16	6	16	14	9	17	11	16	10	18	16	6	155
Pillows .....	18	12	18	28	22	21	18	24	22	26	30	17	256
Quilts .....	14	7	12	10	6	14	10	9	8	12	10	9	121
Mattresses...	8	12	18	16	8	24	10	12	7	9	14	8	146
Sundries ...	191	171	121	86	98	76	88	96	64	126	97	168	1382
Total.....	300	251	249	227	244	227	184	228	161	261	243	258	2833

1888.

## LICENSED COW HOUSES.

## LIMEHOUSE.

NAME.	ADDRESSES.
Mr. Thomas Gerard Fletcher,	314, Burdett Road.
Messrs. Philip and Edward Abbott,	44, Gun Lane.
Mr. David Dudlyke,	15, Maroon Street.
Mr. A. E. Grout,	162, Rodeſwell Road.
Mr. Rees Jones,	5 & 6, Ropemaker's Fields.

## RATCLIFF.

Mr. Charles Warman,	Railway Arch, James Street.
Mr. Charles Toms,	63, Brook Street.
Mr. James Alcock,	6, John Street
Mr. George Thorpe,	49, London Street.
Messrs. John and William Morris,	37, White Horse Street.

## SHADWELL.

Mr. James Mason,	Sage Street.
Mr. Chas. Warman,	Lower Shadwell.

## SLAUGHTER HOUSES.

## LIMEHOUSE.

Mr. James Tunbridge,	160, White Horse Street.
Mr. Frederick Peachy,	32, West India Dock Road.
Mr. Gottlieb Carl Rathman,	211, Salmon Lane.
Mrs. Elizabeth Peace,	78, Limehouse Causeway.
Mr. Archibald Brown,	26, Three Colt Street.

## RATCLIFF

Mr. William Samuel Wilson,	159, White Horse Street.
Mr. William Henry Duubar,	46, White Horse Street.



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## BAKEHOUSES.

## LIMEHOUSE.

NAME.	ADDRESSES
Mr. H. Schmalzlen,	22, Gill Street
„ C. Baldwin,	821, Commercial Road
„ Hammond, (not used)	341, Burdett Road.
„ J. Draude,	31, Repton Street.
„ R. Hoar,	3, Repton Street.
„ E. Nafzger,	137, Eastfield Street.
„ J. Simpson,	21, Halley Street.
„ H. Shepherd.	12, Parnham Street.
„ J. Coote,	45, Thomas Street.
„ E. Badcock,	85, Locksley Street.
„ J. Few,	132, Rhodeswell Road
„ W. Pearce,	131, Salmon Lane.
„ M. A. Glass,	145, Salmon Lane.
„ J. Faber,	181, Salmon Lane.
„ H. Whitmore,	209, Salmon Lane.
„ W. Wagner,	7, Limehouse Causeway.
„ J. C. Chapman,	68, Limehouse Causeway.
„ M. Haust,	40, Limehouse Causeway.
„ W. Ramsden,	49, Maroon Street.
„ J. A. Siebert,	93, Three Colt Street.
„ J. W. Domm,	146, White Horse Street.
„ A. Root,	12, Dalgleish Street.
„ W. H. Pearce,	77, Three Colt Street.
„ E. Springer,	51, Three Colt Street.
„ F. Benjamin,	87, Three Colt Street.
„ Rudolph Voelter,	71, Salmon Lane.
„ J. Steir,	36, Three Colt Street.

## RATCLIFF.

Mr. Prummer,	105, White Horse Street
„ J. Gilruth,	42, White Horse Street
„ J. O'Donnell,	147, White Horse Stre
„ J. Jolley,	631, Commercial Road <sup>d</sup>

## RATCLIFF.

NAME.	ADDRESSES.
Mr. Weimar,	119, Broad Street.
Mrs. Bretton,	27, Hardinge Street.
Mr. Digler,	415, Cable Street.
Mrs. Reaman,	13, Devonport Street.
Mr. Kuch.	59, Brook Street.
„ Swenk,	91, Brook Street.
„ Hesselman,	113, Brook Street.
Mrs. Ruth,	132, Brook Street.
Mr. Willicombe,	28, White Horse Street.
Co-operative Society,	436, Commercial Road.
Mr. Hammond,	508, Commercial Road.
„ W. Reck,	5, Stepney Causeway.

## SHADWELL.

Mr. Petry,	84, High Street.
Mrs. Green,	161, High Street.
Mr. Ullius,	47, High Street.
„ Pettyfor,	278, Cable Street.
„ Menzler,	5, King David Lane.
„ Mileham,	40, New Gravel Lane.

