

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

Contributors

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PRESENTED TO BOARD

4 JAN. 1884

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

*STATEMENT of ACCOUNTS, REPORTS, &c., from
Lady-day, 1882 to Lady-day, 1883.*

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT,

1882-3.

Members for Limehouse.

- Mr. HENRY EDWARD BRAINE, 225, Burdett-road.
" HENRY CHAMBERS, 673, Commercial-road.
" WILLIAM DAVIES, 787, Commercial-road.
" CHARLES GAPP, 102, Salmon-lane.
" JAMES GREGSON, 236, Burdett-road.
" ARTHUR HARSTON, 31, East India Dock-road.
" GEORGE BERNEY HATFIELD, 817, Commercial-road.
" WILLIAM GEORGE HATTERSLEY, 82, West India Dock-road.
" WILLIAM BENSLEY HOPSON, 11, Church-row.
" JOSEPH MYERSCOUGH, 624, Commercial-road.
" THOMAS CARTER POTTO, 22, Three Colt-street.
" GEORGE RICHARDSON, 137, Salmon-lane.
" HENRY ROLLINSON, 280, Burdett-road.
" EDWARD SMITH, 51, Clemence-street.
" GEORGE THOMAS SMITH, 52 & 54, Ben Jonson-road.

Members for Wapping.

- Mr. ROBERT CARR, 1, West Pier.
" JOHN COLE GREGORY, Hermitage Wharf.
" RICHARD JOLLY, 277, High Street.

Members for Ratcliff.

- Mr. JOHN ABBOTT, 619, Commercial-road.
" GEORGE BROOKS, 444, Commercial-road.
" HENRY WILLIAM CLARKE, 22, Albert square.
" EDWIN AUGUSTUS CREER, 589, Commercial-road.
" WILLIAM GORDON CROW, 578, Commercial-road.
" JOHN SAMUEL CURTIS, 24, White Horse street.
" JOHN GEORGE HARDING, 68, Broad-street.
" MILLNER HOLT, 107, Broad Street.
" JOHN PARKINSON, 123, Broad-street.
" JOHN WILLIAM GEORGE READER, 452, Commercial-road.
" HENRY SHEPHERD, 492, Commercial-road.
" THOMAS SMITH WATTS, 556, Commercial-road.

Members for Shadwell.

- Mr. FRANK ARLISS, 194, High Street.
" JOSEPH ARTHUR, 164, High-street.
" JOHN JAMES BERRY, 50, Lower Shadwell.
" EDWARD HENRY PAGE, 199, High-street.
" EDWARD ROPER, 163, High-street.
" EDWIN RUMBOLD, Short-street.

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

Offices of the Board.

WHITE HORSE STREET, COMMERCIAL ROAD EAST.

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

Clerk of the Board—MR. THOMAS WRAKE RATCLIFF,
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.

Sanitary Inspectors.

For No. 1 DISTRICT—GEORGE HURLOCK, 14, Clemence Street, Limehouse.

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

Superintendent of Cleansing and Watering—DANIEL EVERETT.

Office Clerk—JAMES BENSLEY.

Assistant—FREDERICK WILLIAM MADDOCKS.

Junior Clerk, &c.—HENRY EVERETT.

No.

1. REVENUE AND OUTLAY ACCOUNT for the Year from Lady-day, 1882,
to Lady-day 1883.
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. DITTO OF OLD BONDS PAID OFF.
15. RETURN OF MONIES RAISED ON LOAN AT INTEREST.
16. LIST OF PROPERTIES BELONGING TO THE BOARD.
17. 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, 1882, to Lady-day, 1883.

REVENUE.

	£	s.	d.
Balance brought forward	4,250	13	4
Ditto Regent's Canal Improvement Account	65	16	2
	4,316	9	
To Cash of the several Parishes upon Orders of Contribution, viz. :—			
General Purposes	18,000	0	0
Sewers	2,000	0	0
	20,000	0	
„ Ditto to meet Precept of School Board for London...	8,183	14	
„ Ditto to meet Precept of Metropolitan Board for Consolidated Rate	8,383	19	
„ Ditto Revenue from all other sources—			
General Purposes	2,486	11	2
Sewers	76	16	11
	2,563	8	
	£43,447	11	

OUTLAY.

	£	s.	d.
By Cash expended for General Purposes	20,202	4	9
„ Ditto ditto for Sewers	2,005	19	6
„ Ditto School Board for London—Amount of Precept ...	8,183	14	6
„ Ditto Metropolitan Board of Works—Amount of Precept ...	8,383	19	0
By Balance in hands of Treasurer	3,112	4	0
„ Ditto at Deposit Account	1,000	0	0
„ Ditto in hands of Clerk	27	8	7
„ Ditto ditto Surveyor	63	12	10
„ Ditto Special Paving A/c—Kirk's Place	120	0	11
„ Ditto ditto Lea Street	348	7	0
	4,671	13	4
	£43,447	11	1

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

Dated this 5th day of July, 1883.

JOHN CAPES,
H. G. HEISER, } Auditors.
A. MCALISTER, }

GENERAL PURPOSES ACCOUNT FOR THE WHOLE DISTRICT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.
Balance brought forward	4,583	5
To Cash of Overseers of Parishes in the District upon Orders of Contribution	18,000	0
„ Ditto of ditto for Precept of School Board for London ...	8,183	14
„ Ditto for Reinstatements of Paving and Contributions ...	2,064	13
„ Ditto Rents, &c.	124	2
„ Ditto of London Joint Stock Bank—Interest on Deposit Account	28	14
„ Ditto Fines and Costs recovered	9	16
„ Ditto Old Materials Sold	15	15
„ Ditto Parliamentary Grant in aid of Disturnpiked Roads in respect of the annual cost of the maintenance of the Commercial Road	243	10
	<u>£33,253</u>	<u>11</u>

OUTLAY.

	£	s.	d.
By Paving	3,123	8	11
„ Lighting	3,295	6	11
„ Cleansing and Watering	5,195	8	3
„ Ditto (Commercial Road)	1,141	3	4
	<u>6,336</u>	<u>11</u>	<u>7</u>
„ Road Account	539	13	4
„ Urinals	83	13	11
„ Charges on Rates :—			
Interest	1,555	13	10
Principal repaid	2,771	6	8
	<u>4,327</u>	<u>0</u>	<u>6</u>
„ Common Charges and Sundries	1,535	11	2
„ Superannuation Account... ..	52	0	0
„ Expenses under Adulteration of Food Act, Laboratory, &c. ...	167	19	9
„ Disinfecting and Hospital Account	397	13	6
„ Compensations... ..	50	0	0
„ Proceedings before Justices	22	11	0
„ Planting Trees Account	3	17	6
„ Parliamentary proceedings	83	18	6
„ Charges for supervision of Special Works executed by Regent's Canal Company under their Act of 1865 ...	65	16	2
„ Amount of Precept of School Board for London	8,183	14	6
„ Expenses of School Board Election, 1882	110	3	9
„ Sundries	6	18	3
Balance	4,867	11	10
	<u>£33,253</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 5th day of July, 1883.

JOHN CAPES, }
H. G. HEISER, } *Auditors.*
A. MCALISTER, }

No. 3.

SEWERS ACCOUNT FOR THE WHOLE DISTRICT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.	d.
To Cash of Overseers of Parishes in the District upon Orders of Contribution	2,000	0	0
„ Ditto of ditto to meet Precept of Metropolitan Board for Consolidated Rate	8,383	19	0
„ Ditto Contributions to Sewers	76	16	11
Balance	195	18	6
	<u>£10,656</u>	<u>14</u>	<u>5</u>

OUTLAY.

	£	s.	d.
Balance brought forward	266	15	11
By Sewers Construction	334	16	7
„ Repairs... ..	73	7	2
„ Cleansing	57	18	11
„ Incidental Works	61	17	10
„ Carting Deposit	4	10	0
„ Flushing	431	9	2
„ Common Charges and Sundries	922	15	1
„ Charges on Rates :—			
Interest	2	11	5
Principal repaid... ..	116	13	4
	<u>119</u>	<u>4</u>	<u>9</u>
„ Metropolitan Board of Works—Amount of Precept for Consolidated Rate	8,383	19	0
	<u>£10,656</u>	<u>14</u>	<u>5</u>

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

Dated this 5th day of July, 1883.

JOHN CAPES,
H. G. HEISER, } *Auditors.*
A. MCALISTER, }

No. 4.

PARISH OF LIMEHOUSE.—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution ...	8,700	0	0
„ Ditto of ditto for Precept of School Board for London ...	3,333	4	0
„ Ditto Reinstatements of Paving and Contributions ...	999	0	0
„ Ditto Rents ...	17	6	0
„ Ditto Old Material sold ...	15	5	0
„ Ditto Fines and Costs recovered ...	1	19	0
„ Ditto Parliamentary Grant in aid of Disturnpiked Roads in respect of the annual cost of the maintenance of the Commercial Road ...	194	16	0
Balance ...	363	8	11
	£13,624	19	6

OUTLAY.

	£	s.	d.
Balance brought forward ...	343	1	3
By Paving ...	1,442	2	7
„ Lighting ...	1,480	19	11
„ Cleansing and Watering ...	2,203	18	1
„ Ditto (Commercial Road) ...	912	18	8
	3,116	16	9
„ Road Account ...	414	13	3
„ Urinals ...	16	12	6
„ Charges on Rates :—			
Interest ...	828	10	2
Principal Repaid ...	1,668	13	8
	2,497	3	10
„ Common Charges and Sundries ...	626	1	6
„ Superannuation Account ...	21	3	6
„ Expenses under Adulteration of Food Act, Laboratory, &c... ..	68	8	2
„ Disinfecting and Hospital Account ...	161	18	10
„ Proceedings before Justices ...	12	18	8
„ Planting Trees Account ...	3	17	6
„ Proportion of Charges for Supervision of Special Works executed by Regent's Canal Company, under their Act of 1865 ...	40	19	8
„ Precept of School Board for London... ..	3,333	4	2
„ Expenses of School Board Election, 1882 ...	44	17	5
	£13,624	19	6

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

Dated this 5th day of July, 1883.

JOHN CAPES, }
H. G. HEISER, } Auditors.
A. MCALISTER, }

No. 5.

PARISH OF LIMEHOUSE.—SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution	600	0	0
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	3,408	2	5
„ Ditto Contributions to Sewers	71	17	5
Balance	48	2	7

£4,128 2 5

OUTLAY.

	£	s.	d.
Balance brought forward	22	19	9
By Repairs... ..	30	1	3
„ Cleansing	51	7	1
„ Incidentals	12	9	9
„ Carting Deposit	3	2	0
„ Flushing	175	13	11
„ Common Charges	375	15	2
„ Charges on Rates :—			
Interest	1	0	11
Principal repaid... ..	47	10	2
„ Metropolitan Board—Amount of Precept for Metropolitan Consolidated Rate	3,408	2	5

£4,128 2 5

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

Dated this 5th day of July, 1883.

JOHN CAPES,
H. G. HEISER, } Auditors.
A. MCALISTER, }

HAMLET OF RATCLIFF.—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution ...	4,100	0	0
„ Ditto of ditto for Precept for School Board for London ...	1,625	0	1
„ Ditto Rents ...	44	14	6
„ Ditto Reinstatements of Paving and Contributions ...	480	7	11
„ Ditto Fines and Costs recovered ...	6	12	0
„ Ditto Old Materials sold ...	0	10	0
„ Ditto Parliamentary Grant in aid of Disturnpiked Roads in respect of the annual cost of the maintenance of the Commercial Road ...	48	14	0
	<u>£6,305</u>	<u>18</u>	<u>6</u>

OUTLAY.

	£	s.	d.
Balance brought forward ...	86	7	0
By Paving ...	599	4	7
„ Lighting ...	800	1	0
„ Cleansing and Watering ...	1,074	17	5
„ Ditto (Commercial Road) ...	228	4	8
	<u>1,303</u>	<u>2</u>	<u>1</u>
„ Road Account ...	121	17	1
„ Urinals ...	30	9	7
„ Charges on Rates :—			
Interest ...	97	3	10
Principal repaid ...	259	13	6
	<u>356</u>	<u>17</u>	<u>4</u>
„ Common Charges and Sundries ...	306	10	10
„ Superannuation Account ...	10	6	6
„ Expenses under Adulteration of Food Act, Laboratory, &c. ...	33	7	2
„ Disinfecting and Hospital Account ...	78	19	7
„ Proceedings before Justices ...	3	9	0
„ Insurance of Houses—White Horse Street ...	1	7	3
„ Proportion of Charges for supervision of Special Works executed by Regent's Canal Company under their Act of 1865 ...	24	16	6
„ Amount of Precept of School Board for London ...	1,625	0	1
„ Expenses of Election of School Board for London ...	21	17	8
Balance ...	902	5	3
	<u>£6,305</u>	<u>18</u>	<u>6</u>

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

Dated this 5th day of July, 1883.

JOHN CAPES, }
H. G. HEISER, } *Auditors.*
A. MCALISTER, }

No. 7.

HAMLET OF RATCLIFF.—SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.	d.
Balance brought forward	4	11	
To Cash of Overseers upon Orders of Contribution	400	0	
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	1,660	7	
„ Ditto Contributions to Sewers	2	7	
Balance	205	11	
	£2,272	16	9

OUTLAY.

	£	s.	d.
By Sewers Construction	298	8	2
„ Repairs... ..	16	7	4
„ Cleansing	1	11	2
„ Incidentals	2	4	5
„ Carting Deposit	1	6	0
„ Flushing	85	13	9
„ Common Charges	183	5	1
„ Charges on Rates :—			
Interest	0	10	2
Principal repaid... ..	23	3	5
	23	13	7
„ Metropolitan Board—Amount of Precept for Metropolitan Consolidated Rate	1,660	7	3
	£2,272	16	9

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

Dated this 5th day of July, 1883.

JOHN CAPES, }
H. G. HEISER, } *Auditors.*
A. MCALISTER, }

No. 8.

PARISH OF SHADWELL—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.				OUTLAY.			
		£	s.			£	s. d.
Balance brought forward	...	2,178	19	By Paving ...	...	848	8 5
To Cash of Overseers upon Orders of Contribution	...	2,800	0	„ Lighting ...	...	617	8 9
„ Ditto of ditto for Precept of School Board for London	...	1,431	17	„ Cleansing and Watering	...	855	5 11
„ Ditto Reinstatements of Paving and Contributions	...	250	14	„ Road Account ...	...	3	3 0
„ Ditto Fines and Costs recovered	...	1	5	„ Urinals...	...	17	0 4
„ Ditto Rents	...	7	10	„ Charges on Rates :—			
				Interest ...	...	443	12 2
				Principal Repaid	...	516	19 8
						960	11 10
				„ Common Charges and Sundries	...	266	10 0
				„ Superannuation Account	...	9	2 8
				„ Expenses under Adulteration of Food Act, Laboratory, &c.	...	29	10 2
				„ Disinfecting and Hospital Account	...	69	17 0
				„ Proceedings before Justices	...	6	3 4
				„ Parliamentary Proceedings	...	83	18 6
				„ Shadwell Schools—One Year's Rent Charge (New Crane Improvement)	...	5	0 0
				„ Amount of Precept of School Board for London	...	1,431	17 7
				„ Expenses of School Board Election, 1882	...	19	7 1
				Balance ...	...	1,447	2 1
		£6,670	6			£6,670	6 8

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

Dated this 5th day of July, 1883.

JOHN CAPES,
H. G. HEISER, } *Auditors.*
A. McALISTER, }

No. 9.

PARISH OF SHADWELL-SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

£ s.

To Cash of Overseers upon Orders of Contribution	...	...	400	0
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	...	...	1,469	13
„ Ditto Contributions to Sewers	...	...	0	15

£1,870 8 1

OUTLAY.

£ s. d.

Balance brought forward	...	...	...	...	54	2	6
By Sewers Construction	...	...	...	...	12	16	0
„ Repairs...	...	...	...	...	22	4	6
„ Cleansing	...	...	...	...	2	5	3
„ Incidentals	...	...	...	...	2	9	11
„ Flushing	...	...	...	...	75	15	8
„ Common Charges	...	...	...	...	162	1	8
„ Charges on Rates :—							
Interest	...	...	...	...	0	9	1
Principal Repaid	...	...	...	20	9	10	
					20	18	11
„ Metropolitan Board—Amount of Precept for Metropolitan Consolidated Rate	...	...	...	...	1,469	13	4
Balance	...	...	...	...	48	1	1
					£1,870	8	10

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

Dated this 5th day of July, 1883.

JOHN CAPES,
H. G. HEISER, } Auditors.
A. MCALISTER,

PARISH OF WAPPING. GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.
Balance brought forward	2,833	14
To Cash of Overseers upon Orders of Contribution	2,400	0
„ Ditto of ditto for Precept of School Board for London	1,793	12
„ Ditto Reinstatements of Paving and Contributions... ..	334	10
„ Ditto London Joint Stock Bank—Interest on Deposit Account	28	14
„ Ditto Rents	54	11

£7,445 3

OUTLAY.

	£	s.	d.
By Paving	233	13	4
„ Lighting	396	17	3
„ Cleansing and Watering	1,061	6	10
„ Urinals... ..	19	11	6
„ Charges on Rates :—			
Interest	186	7	8
Principal Repaid	325	19	10
	512	7	6
„ Common Charges and Sundries	336	8	10
„ Compensation	50	0	0
„ Superannuation Account	11	7	4
„ Expenses under Adulteration of Food Act, Laboratory, &c.	36	14	3
„ Disinfecting and Hospital Account	86	18	1
„ Insurance of Houses (Queen's Head Alley)	0	11	0
„ Amount of Precept of School Board for London	1,793	12	8
„ Expenses of School Board Election, 1882	24	1	7
Balance	2,881	13	5

£7,445 3 7

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

Dated this 5th day of July, 1883.

JOHN CAPES,
H. G. HEISER, } *Auditors.*
A. McALISTER,

PARISH OF WAPPING.—SEWERS ACCOUNT..

Revenue and Outlay from Lady-day, 1882, to Lady-day, 1883.

REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution	...	...	600 0
„ Ditto of ditto Metropolitan Board's Precept for Metropolitan Consolidated Rate	...	...	1,845 16
„ Ditto Contributions to Sewers	...	...	1 17
	£2,447	13	0

OUTLAY.

	£	s.	d.
Balance brought forward	...	...	194 5 1
By Construction of Sewers	...	...	23 12 5
„ Repairs	...	...	4 14 1
„ Cleansing	...	...	2 15 5
„ Incidentals	...	...	44 13 9
„ Carting Deposit	...	...	0 2 0
„ Flushing	...	...	94 5 10
„ Common Charges	...	...	201 13 2
„ Charges on Rates :—			
Interest	...	...	0 11 3
Principal Repaid	...	...	25 9 11
			26 1 2
„ Metropolitan Board—Amount of Precept for Metropolitan Consolidated Rate	...	...	1,845 16 0
Balance	...	...	9 14 1
	£2,447	13	0

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

Dated this 5th day of July, 1883.

JOHN CAPES, }
H. G. HEISER, } *Auditors.*
A. McALISTER, }

LIABILITIES.

£ s. d.

London Life Association...	...	...	...	...	...	14,110	0	0
Metropolitan Board of Works	...	...	...	...	...	21,016	0	0

£35,126 0 0

ASSETS.

£ s. d.

Cash at Deposit (Wapping)	...	...	...	...	...	1,000	0	0
Ditto in hands of Treasurer	...	...	...	...	...	3,112	4	0
Ditto ditto Clerk	...	...	...	...	...	27	8	7
Ditto ditto Surveyor	...	...	...	...	...	63	12	10
Ditto Special Paving Account (Kirk's Place)	...	...	...	...	...	120	0	11
Ditto ditto (Lea Street)	...	...	...	...	...	348	7	0
Commercial Gas Company	...	...	...	...	...	50	6	7
East London Water Company	...	...	...	...	...	55	12	8

£4,777 12 7

CONTRACTS.

1882.

March 14th, Messrs. Mowlem & Co., Paving Works ...	}	as per schedule of prices.
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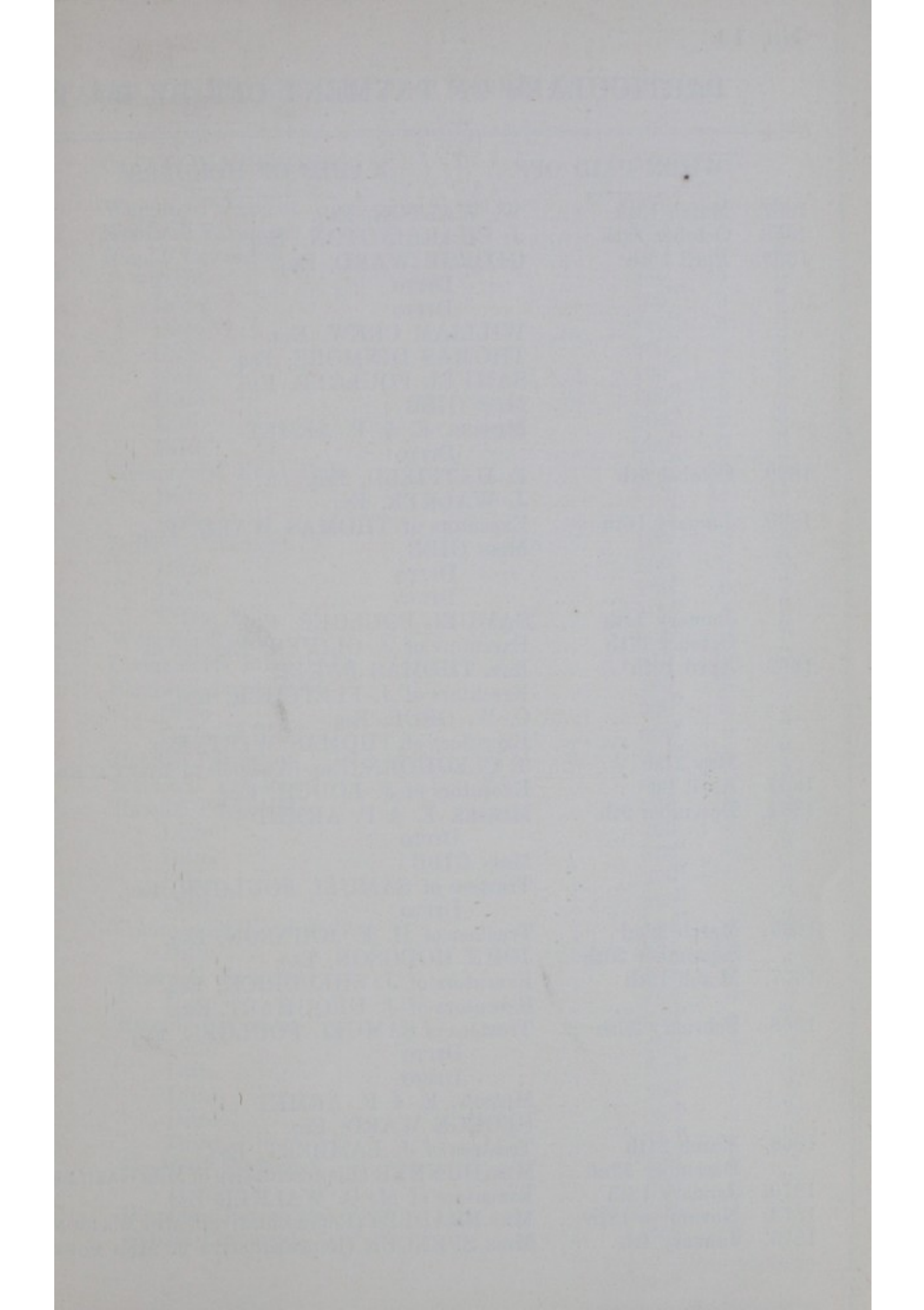
June 25th, Mr. C. Standan, sewers work	}	as per schedule of prices.
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1882.

July 12th, Messrs. P. & E. Abbott, scavenging, removal of dust and watering	}	2,377 10 0
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July 15th, Mr. C. T. Parsons, ditto		1,320 0 0
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July 14th, Mr. James Rollinson, scavenging and watering		775 0 0
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PARTICULARS OF PAYMENT OFF BY BOARD OF AMOUNTS SECURED BY OLD BONDS, &c.

WHEN PAID OFF.			NAMES OF HOLDERS.			OLD COMMISSIONS.			AMOUNT.		
1857.	March 18th	...	W. WALTON, Esq.	...	...	Wapping Pavement	...	...	£300	0	0
1858.	October 18th	...	J. CHARRINGTON, Esq.	...	...	Shadwell Pavement	...	...	100	0	0
1859.	April 16th	...	GEORGE WARD, Esq.	...	...	Ratcliff Pavement	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
"	"	...	WILLIAM CREW, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	THOMAS DINMORE, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	SAMUEL FOULGER, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	MISS GIBB	...	...	Ditto	...	...	200	0	0
"	"	...	MESSRS. E. & P. ARMET	...	...	Ditto	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
1859.	October 5th	...	E. HATFIELD, Esq.	...	...	Commercial Road Debt	...	...	191	15	6
"	"	...	J. WALKER, Esq.	...	...	Ditto	...	...	172	11	11
1860.	January 16th	...	Executors of THOMAS WARD, Esq.	...	...	Ditto	...	...	0	18	10
"	"	...	MISS GIBB	...	...	Ratcliff Pavement	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
"	January 24th	...	SAMUEL FOULGER, Esq.	...	...	Ditto	...	...	100	0	0
"	October 17th	...	Executors of J. OLIVER, Esq.	...	...	Wapping Pavement	...	...	500	0	0
1862.	April 10th	...	Rev. THOMAS BAKER...	...	...	Commercial Road Debt	...	...	1,073	18	9
"	"	...	Executors of J. FLETCHER, Esq.	...	...	Shadwell Pavement	...	...	400	0	0
"	"	...	C. W. ORDE, Esq.	...	...	Ditto	...	...	300	0	0
"	"	...	Executors of THOMAS WEST, Esq.	...	...	Ditto	...	...	300	0	0
"	May 21st	...	T. CLEGHORN, Esq. (Assignee of Miss PALMER)	...	...	Ratcliff Pavement	...	...	200	0	0
1863.	April 1st	...	Executors of J. LOUCH, Esq.	...	...	Shadwell Pavement	...	...	300	0	0
1864.	December 9th	...	MESSRS. E. & P. ARMET	...	...	Ratcliff Pavement	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
"	"	...	MISS GIBB	...	...	Ditto	...	...	200	0	0
"	"	...	Trustees of SAMUEL FOULGER, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
1865.	March 22nd	...	Trustees of H. F. JOHNSON, Esq.	...	...	Commercial Road Debt...	...	...	134	4	10
"	September 20th	...	JOHN HODGSON, Esq.	...	...	Ditto	...	...	824	12	7
1867.	March 13th	...	Executors of J. SHELDRIK, Esq.	...	...	Shadwell Pavement	...	...	200	0	0
"	"	...	Executors of J. URQUHART, Esq.	...	...	Ditto	...	...	700	0	0
1868.	February 26th	...	Trustees of SAMUEL FOULGER, Esq.	...	...	Ratcliff Pavement	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
"	"	...	Ditto	...	...	Ditto	...	...	200	0	0
"	"	...	MESSRS. E. & P. ARMET	...	...	Ditto	...	...	200	0	0
"	"	...	GEORGE WARD, Esq.	...	...	Ditto	...	...	200	0	0
1869.	March 24th	...	Trustees of J. LAMBERT, Esq.	...	...	Ditto	...	...	700	0	0
"	December 22nd	...	MISS GUNNER (Representative of Miss GALILEE)	...	...	Shadwell Pavement	...	...	200	0	0
1870.	January 12th	...	Executors of M. C. WALKER Esq.	...	...	Ditto	...	...	800	0	0
1873.	November 12th	...	MRS. BRADLEY (Representative of Miss WATSON)	...	...	Wapping Pavement	...	...	1,000	0	0
1875.	January 4th	...	MISS SPENCER (Representative of Miss GIBB)	...	...	Ratcliff Pavement	...	...	600	0	0
									£13,498	2	5

RETURN OF MONIES 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.	Repayment.
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 (now Sovereign Life Assurance Compy).	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.	£3,840 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.	£2,250 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.	£3,300 0 0
Carried forward...		£37,800					Carried forward...	£32,690 0 0

No. 15 (Continued).

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>	£32,690 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.	£6,749 0 0 (By Contribution from Metropolitan Board.) £31 0 0
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.	£9,000 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.	£1,065 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.	£1,281 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.	£419 10 0
	<i>Carried forward...</i>	£85,116 10/					<i>Carried forward ..</i>	£57,235 10 0

No. 15 (Continued).

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.	Repayment.
	<i>Brought forward ...</i>	£85,116 10/					<i>Brought forward ..</i>	£57,235 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 certain Works, viz.: the widening of 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.	£255 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 certain Paving Works, viz.: Commercial Road, East and West India Dock Roads, and also Paving Works in Limehouse and Shadwell.	Ditto.	Fifteen years, to be repaid as follows: £700 on 1st Oct., 1876; £700 on 1st Oct. in 14 succeeding years.	£4,900 0 0
		£102,233						£67,107 0 0

PROPERTIES BELONGING TO THE BOARD.

Freehold Offices in White Horse Street, Ratcliff.

Leasehold Arch on the North side of the "Mitre" at Limehouse, let to Mr. Hawkrige 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.

Five Freehold Houses, Nos. 7, 9, 11, 13, and 15, White Horse Street, Ratcliff, let on lease to Mr. Charles Arnold, for 21 years, from Michaelmas, 1865, at £47 Rent and Insurance.

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 Warehouses, part let to Dundee, Perth, and London Steam Navigation Company, as yearly Tenants, at £20 per annum, and part let to Messrs. Skentleberry and Jarvis, at £2 10s. for every four weeks.

TO THE
**BOARD OF WORKS FOR THE LIMEHOUSE
DISTRICT.**

DEPARTMENT OF WORKS,

OFFICES,

WHITE HORSE STREET,

COMMERCIAL ROAD EAST.

GENTLEMEN,

I beg to submit to you my Report upon the Work executed in the District from Lady-day, 1882, to Lady-day, 1883.

SEWERS.

New Sewers have been constructed of the following lengths and sizes, viz. :—

PIPE SEWERS.

RATCLIFF—Ashfield Place—12-in. 163-ft. ; 6-in. 49-ft.

York Street West—12-in. 576-ft. ; 9-in. 14-ft. ; 6-in. 84-ft.

York Street East—12-in. 546-ft. ; 9-in. 20-ft. ; 6-in. 192-ft.

WAPPING—Church Court — 9-in. 170-ft. ; 6-in. 8-ft.

The following Works have also been executed by the Contractor of the Board, viz. :—

- 95 feet of 12-in. pipe sewer cleansed.
- 3 New Gullies constructed in Shadwell.
- 9 Gullies altered and repaired.
- 10 New Gully Grates supplied and fixed.
- 1 New side entrance flap ditto.
- 2 Urinals repaired.
- 9 Meter Boxes fixed.
- 6 Flushing Boxes fixed.
- 13 Gullies raised.
- 2 Gullies connected with Sewer.
- 2 Gridirons fixed.
- 2 Block traps fixed.
- 1 Manhole repaired.
- 2 Gully Bends fixed.
- 1 Air shaft fixed.
- 1 Ventilator repaired.
- 2 6-in. Traps fixed in Urinals.

The Contractors of the Metropolitan Board of Works for the construction of the New Storm Relief Sewer discharging into the River near Ratcliff Cross, have laid 70 feet of 18-in. Pipe Sewer in London Street, Ratcliff, in lieu of part of the old brick sewer which was damaged by them in the construction of the works. As the old sewer was in a defective state, the District Board agreed to pay the prime cost of the pipes upon condition that the Contractors carried out the work in all other respects to my satisfaction at their own cost.

HOUSE DRAINAGE.

99 dwelling houses (including 50 new houses and other buildings) have been connected with the Sewers, and the following works executed in connexion therewith, viz. :—

12 feet of 12-in. Pipe Drains laid.				
321	„	9-in.	„	„
3,282	„	6-in.	„	„
771	„	4 in.	„	„
80 Closet Pans and Traps fixed.				
113 Sinks and Traps fixed.				

PAVING.

New footway Paving has been laid down as follows, viz. :—

LIMEHOUSE.—Parts of Aston Street, Wilson Street, Barnes Street, Henry Street, Northey Street, Maroon Street, Rhodeswell Road, Three Colt Street, Nesbit's Court, Burdett Road, White Horse Street, Narrow Street, The Mitre, Mill Place and Five Bell Alley, and Commercial Road opposite New Town Hall and under Limehouse Curve Railway Bridge, parts of the footway on the north side of Salmon Lane between Conder Street and Blount Street and also between Carr Street and Parnham Street, parts of the footway on the west side of Galt Street from Parnham Street to Rhodeswell Road, parts of the footway on the west side of Church Row under Railway Arch and also at the north end of Parnham Street; part of the footway on the north side of Copenhagen Place where the carriage-way has been widened at the expense of the owner of the adjoining premises; and Gun Square has been paved with Silicated stone at the expense of the owner.

RATCLIFF.—Parts of James Street, Hardinge Street, White Horse Street, Horseferry Branch Road, Devonport Street, Broad Street and York Street West; and also Narrow Street opposite Old Sun Wharf, and Medland Street by the Brewery, and parts of the footway on the north side of Salmon Lane from Conder Street to the Boundary Stones.

SHADWELL.—Parts of Juniper Street, Fox and Goose Yard, Coleman Street, New Gravel Lane, and parts of the footway on the east side of Glamis Road.

WAPPING.—Parts of Dock Street.

Old footway Paving has been relaid as follows :—

LIMEHOUSE.—Parts of Aston Street, Amoy Place, Repton Street, Samuel Street, Barnes Street, Ann's Row, Dod Street, Wilson Street, Stainsby Road, Burgess Street, Three Colt Street, Burdett Road, Henry Street, North Street, Maroon Street, Northey Street, Ropemaker's Fields, West India Dock Road, Eastfield Street, Rhodeswell Road, Gun Square, Limehouse Causeway, Blount Street, Copenhagen Place, Pixley Street, East India Dock Road, Church Row, White Horse Street, Narrow Street, Mill Place, Rose Lane and Five Bell Alley ; also parts of the footways on the west side of Galt Street and Church Row, and parts of the footway on the north side of Salmon Lane between Carr Street and Parnham Street and also between Conder Street and Blount Street, and Commercial Road opposite the New Town Hall.

RATCLIFF.—Parts of Salmon Lane, Narrow Street, James Street, Hardinge Street, White Horse Street, London Street, Horseferry Branch Road, Broad Street, Medland Street, Albert Square, Narrow Street, Stepney Causeway, Commercial Road, York Streets East and West, the Orchard, Bromley Street, George Street, Brook Street, Dunstan Place, Devonport Street by James Place, Love Lane, Regent Street, Ann Street, John Street and Ben Jonson Road.

SHADWELL.—Parts of Juniper Street, Gould's Hill, Prussom Street, High Street, Pells Alley, Star Street, West Gardens, Hastings Place, Glamis Road, Twine Court, Albert Street, Milk Yard, Love Lane, Wapping Wall, Cable Street by King David Lane, Fox and Goose Yard, New Gravel Lane and Coleman Street.

WAPPING.—Parts of High Street, Upper East Smithfield, Old Gravel Lane, Wapping Dock Street, Nightingale Lane.

Old carriage-way Paving has been relaid as follows, viz. :—

LIMEHOUSE.—Parts of Blount Street, Gun Lane, Rhodeswell Road, Ropemaker's Fields, Three Colt Street, Farrance Street, Burdett Road, Rose Lane, Galt Street, Maroon Street, Turner's Road and Carr Street ; also part of Salmon Lane by Limehouse Curve Bridge and Commercial Road opposite the Church Yard and by Gill Street ; part of Narrow Street by the Brewery Gate and Ann's Row by Tile Yard.

RATCLIFF.—Parts of Stepney Causeway, Narrow Street, Caroline Street, Periwinkle Street, Rose Lane, Schoolhouse Lane and Hardinge Street ; part of White Horse Street opposite Ball's Buildings and Medland Street between the trams and also by Boulcott's premises ; part of Dorset Street by the Brewery, and part of Brook Street by Love Lane.

SHADWELL.—Parts of Wapping Wall, Juniper Street, Twine Court, New Gravel Lane, Elm Row, King David Lane, Mercer Street, Bell Wharf Hill, High Street, Lower Shadwell, Hunt's Mews, Three Cups Alley, Victoria Place and Glamis Road ; also part of Gould's Hill (east side).

WAPPING.—Parts of High Street, Red Lion Street, Upper Well Alley, Brewhouse Lane, Nightingale Lane, Old Gravel Lane, Cinnamon Street, Upper East Smithfield, Green Bank and Church Street ; also part of High Street opposite Anchor Mills ; also a portion of the carriage-way Paving of Upper East Smithfield at the boundary of the District has been relaid by the Contractors to the Whitechapel Board to suit the altered levels consequent upon the carriage-way in the Whitechapel District being re-paved ; Well-close Square near Jews Almshouses, east side of Neptune Street, Chambers Square, Church Court, Prussom's Island, Coal Stairs, Dock Street and Green Bank.

New carriage-way Paving has been laid down as follows, viz. :—

LIMEHOUSE.—The carriage-way of Three Colt Street at the corner of Ropemaker's Fields has been widened and paved with second-hand stone where the line of frontage of the houses has been set back.

A small portion of the granite carriage-way in Commercial Road opposite the Town Hall was removed and re-paved with Patent Peat Paving as an experiment, the material being provided by the patentee. The paving was soon afterwards removed it having failed to stand the heavy traffic.

The carriage-way at the west end of Copenhagen Place has been widened and paved with second-hand stone at the expense of the owner of the adjoining premises.

RATCLIFF.—Parts of Narrow Street by Old Sun Wharf and opposite Barrett's Mills have been paved with second-hand stone.

SHADWELL.—The carriage-way of Cable Street has been paved with second-hand stone, and the carriage-ways of Sun Tavern Court, Hunt's Mews, and part of Juniper Street have been paved with the old stone from Cable Street, and the remaining portion of Juniper Street has been paved with second-hand stone.

WAPPING.—Part of Old Gravel Lane has been re-paved with second-hand stone.

MACADAM ROADS.

Parts of the carriage-ways of the following streets have been made up with broken Guernsey granite, viz. :—Turner's Road, Dixon Street, Farrance Street, Halley Street, Henry Street, Pigott Street, Thomas Street, Endive Street, St. Paul's Road, Locksley Street, Dod Street, Maroon Street, Wilson Street, Aston Street, Barnes Street, Spencer Street, and Wilson's Place, in the Parish of Lime-

house ; and Bromley Street, Portland Street, York Street, E., Hardinge Street, Henry Street, Thirza Street, York Street, W., in the Hamlet of Ratcliff.

The carriage-ways of Oak Lane and Northey Place have been made good with broken York from Board's Depôt.

Parts of the carriage-way of Aston Street, Eastfield Street, North Street, Gloucester Street, Taylor's Place, Blount Street, Cayley Street, Dakin Street, Lowell Street, Conder Street, Brenton Street, Rugg Street, Pelling Street, and Dora Street, Limehouse ; and Ronald Street, Thomas Street, James Street, Albany Street, Thirza Street, Portland Street, Havering Street, Raby Street, Walter Street, Ratcliff Square and Albert Square, Ratcliff, where defective, have been made good with Ballast.

ASPHALTE.

RATCLIFF.—The remaining portion of the Wood Paving in White Horse Street, opposite the Board's Offices, having become defective has been removed, and Asphalte Paving substituted.

NEW CARRIAGE CROSSINGS.

LIMEHOUSE.—At the premises of Mr. Norris, Arch No. 639, Blount Street.

SHADWELL.—At Mr. Allam's premises, No. 56, Wapping Wall.

WAPPING.—The Goods Shed, adjoining St. John's Warehouses, High Street.

LIGHTING.

The number of Public Lamps in the District is 813, being an increase of 11 on the number reported at Lady Day, 1882.

The old three jet burners have been removed from the following places, viz. :—Ohren's Court, Black Bull Court, Vine Passage, The

Orchard, Painter's Rents, Blue Anchor Alley, and Hamlet Court, Ratcliff, and batwing burners substituted in lieu thereof.

PUBLIC URINALS.

The number of Urinals in the District is 22.

The Urinals are flushed and cleansed twice a day with water supplied by the East London Water Company, by men employed by the Board. In hot weather the Urinals are flushed three times a day.

The attention of the Board having been called to the necessity of providing Urinal accommodation in the neighbourhood of the Town Hall, Limehouse, a site at the Triangle was proposed, but the inhabitants of the locality having strongly objected to the erection of a Urinal at that place, negotiations were commenced with the owner of Albion House School, with the view of constructing a Urinal on part of the garden of his house, abutting on Church Row, but he declined to part with any of the ground for the purpose. Other sites suitable for the erection of a Urinal are under the consideration of the Committee appointed with reference thereto.

CLEANSING AND WATERING.

The principal streets, including footways, are cleansed daily, and the others every second day. In bad weather the whole are cleansed each day, and the Commercial Road and the East and West India Dock Roads, twice a day if necessary.

The streets during the season have been watered by the Contractors with water supplied by the East London Water Company.

GENERAL WORKS.

The names of the following places have been painted up, viz. :—Kirk's Place and Nesbit's Rents, Limehouse.

A Bridge for the conveyance of goods has been placed across Narrow street, Ratcliff, to connect the land and waterside premises at Old Sun Wharf, belonging to Messrs. Ray & Son, according to plans approved by the Board, and subject to removal when required by the Board.

Six Bridges have been placed across Coleman Street, Shadwell, to connect the premises of Messrs. Anderson, Weber & Smith, on the opposite sides of such street, according to plans approved by the Board, and subject to removal when required by the Board.

Two Tunnels have been constructed under Coleman Street, Shadwell, by Messrs. Anderson, Weber & Smith, for the conveyance of goods to and from the warehouses on either side of such street, in accordance with the plans and sections submitted to and approved by the Board.

The work has been carried out under the direction of the Surveyor of the Board.

A Deed of Covenant has been executed by Messrs. Anderson, Weber & Smith, undertaking to pay £5 0s. 0d. a year for the use of each tunnel, and remove the same when required by the Board.

The Steps at Stone Stairs, Ratcliff, have been pointed with cement, to prevent the percolation of water into the adjoining premises.

The Arches over the footways in Rose Lane, Ratcliff, under the London and Blackwall Railway, have been cleansed and lime-whited.

Two Trees in the Burdett Road having died, others have been planted in lieu thereof.

The Parapet on the west side of the Bridge in Glamis Road, Shadwell, has with the approval of the Board been removed by Mr. Horner, the owner of the adjoining property in Glamis Road, and an iron railing with gates fixed by him in lieu thereof, to give access to the houses built by him in Glamis Road.

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The Great Eastern Railway Company have fixed Galvanized Iron Screens under the Stepney Station Bridge across the Commercial Road, to prevent water dripping on the footways.

LIMEHOUSE CURVE RAILWAY

The land which formed the forecourts in front of the houses pulled down on both sides of the Commercial Road, Limehouse, for the construction of the Railway, has been cleared and given up to the Board, in accordance with the provisions of the London and Blackwall Railway Act, 1877.

The ground has been paved by the Board with silicated stone paving, at the cost of the Company, as provided by the Act.

The Great Eastern Railway Company have painted the Bridges of the Limehouse Curve Railway a light color, the panels being picked out so as to make them less unsightly.

LIMEKILN CREEK.

A quantity of mud and refuse having accumulated in Limekiln Creek, so as to cause a nuisance to the inhabitants of the surrounding locality, the Board have after negociation arranged with the Thames Conservancy that the cleansing of the Creek should be carried out by them, the Board undertaking to contribute one-half of the cost thereof. The Creek was accordingly cleansed, and the amount paid by the Board in respect of the same amounted to £38 16s. 6d.

IMPROVEMENTS.

The old Rope Ground under the Bridge in Glamis Road, Shadwell, having become disused, an opportunity arose for the removal of the Bridge, and the question was referred to the Shadwell Committee for consideration.

The owner (Mr. Horner) having objected to the removal, no further action was taken.

The Board of Works for the Poplar District, addressed a Communication to the Board on the subject of the extension of Bridge Road, Poplar, to the West India Dock Road, Limehouse, asking this Board to co-operate with them in endeavouring to have the suggested improvements carried out as a Metropolitan Improvement.

The matter is now under the consideration of a joint Committee consisting of certain Members of the two Boards.

The London and County Banking Company, having purchased the house and premises in the East India Dock Road, at the east corner of Birchfield Street, partly in the District of Poplar and partly in Limehouse, for the purpose of erecting a Branch Bank, the subject was referred to the Surveyor, with instructions to negotiate with the Company and the other owners of property on the east side of the street in conjunction with the Poplar District Board as to the terms upon which the necessary land could be acquired for widening the street to 30 feet.

The negotiations are still pending.

CAB RADIUS.

Five Members of the Board have been appointed to attend a Meeting of Delegates, from several of the District Boards and Vestries, at the Mansion House, on the 13th March, 1883, to discuss the question of altering the Cab Radius, and the Meeting was adjourned until 3rd April.

RE-NAMING AND RE-NUMBERING STREETS.

The Metropolitan Board of Works have made orders for re-numbering the houses in Ropemaker's Fields, Oak Lane and Nightingale Lane, Limehouse, and also for abolishing the subsidiary names of Rickman's Rents, Linton Place, and Lockside, and re-naming the whole "Lockside," and for re-numbering the houses therein, also for re-numbering the houses in Thomas Street, Limehouse, and Green Street, Ratcliff.

MAKING UP AND PAVING STREETS.

The works in connection with the making up, paving, draining and channelling of Lee Street and Kirk's Place Limehouse, have been carried out ; the total cost of the works being as follows, viz :—

Lee Street.....	£367	5	2
Kirk's Place	126	0	11

The necessary orders have been made upon the owners of houses and land in such Streets for payment of the apportioned expenses.

SURPLUS LANDS, WAPPING.

Application having been made to the Board to purchase part of the surplus lands at Wapping, the question of the disposal of the same was referred to the Wapping Committee who recommended that advertisements should be issued inviting Tenders for the purchase of such lands.

The matter is still under the consideration of the Committee.

ARTISANS' AND LABORERS' DWELLINGS—BROOK STREET SCHEME.

The Medical Officer of Health having made an Official Representation of the unhealthy area comprising Harris' Court, Blue Anchor Alley and other Courts adjoining, a Committee of the Metropolitan Board of Works made an inspection of the area, and that Board determined to include the same in a Scheme under the Artisans' and Laborers' Dwellings' Act. A copy of the Scheme, with a plan of the area, was deposited at the Offices of this Board, and on the 8th March, 1883, Mr. D. Cubitt Nichols, having been duly appointed in that behalf, held an enquiry at the District Board Offices in White Horse Street, as to the Official Representation made by the Medical Officer of Health, as to the area to which the enquiry related being unhealthy, and as to the sufficiency of the Scheme provided for its improvement by the Metropolitan Board of Works, and any local objections which might be made thereto.

ELECTRIC LIGHTING.

Notices having been received by this Board and also by the Whitechapel Board, the Poplar Board, and the Vestries of St. George in the East and Mile End Old Town from the Metropolitan (Brush) Electric Light and Power Company of their intention to apply to the Board of Trade for a Provisional Order to authorise them to supply Electricity for public and private purposes in this and the adjoining Districts, meetings of the Clerks and Surveyors of the various Districts which would be effected by the Provisional Order were held at the Office of the Whitechapel District Board, and there being many objections to the form of the proposed Order and it being necessary to comply with the Rules of the Board of Trade that such objections should be stated in detail, it was considered advisable that the Provisional Order should be sent in amended in the same form by all the Districts affected, and with this view Messrs. Dyson & Son, Parliamentary Agents, were instructed to act on behalf of the several Districts, and the objections to the Order and the suggested amendments therein were subsequently deposited with the Board of Trade and the Solicitors for the Promoters.

EAST LONDON TRAMWAYS.

A Notice was received from the East London Tramways Company of their intention to apply to Parliament in the ensuing Session for leave to bring in a Bill for the construction of certain Tramways in West India Dock Road and other places in this and the adjoining District of Poplar. The Notice was referred to the Works and Survey Committee for consideration, and they recommended the Board for certain reasons, to refuse its assent to the scheme of the promoters, and the Company subsequently withdrew from the Bill so much of the proposed line as was situate in the Limehouse District.

POPLAR & CANNING TOWN RAILWAY.

A Notice was received from the promoters of the Poplar and Canning Town Railway of their intention to apply to Parliament for leave to bring in a Bill for the construction of a Railway from Limehouse, near the West India Dock Station, to Canning Town. The scheme was subsequently withdrawn.

COMMUNICATIONS BETWEEN THE NORTH AND SOUTH SIDES OF THE THAMES BELOW LONDON BRIDGE.

This subject has attracted great public interest especially in the east and south parts of the Metropolis.

An influential Committee for promoting vehicular communications between the north and south of the Thames east of London Bridge, and consisting of merchants and gentlemen interested in manufactures, the several Docks, &c., was formed under the presidency of C. T. Ritchie, Esq., M.P.

Many meetings were held in the City at which important resolutions were passed.

In June, 1882, the Board passed the following resolution :—

“ That this Board is of opinion that the erection of a Bridge
“ 500 yards east of London Bridge as contemplated by the City
“ Authorities will only partially meet the necessities and require-
“ ments of the eastern portion of the Metropolis north and south
“ of the Thames, and moreover this Board is also further of opinion
“ that it is undesirable that any compact should be entered into
“ with the City Authorities and the Metropolitan Board of
“ Works in providing for the same.”

In July, 1882, a Conference of Delegates from various Boards and Vestries of the Metropolis, including representatives from this District, was held at the Cannon Street Hotel on the subject, and the following Resolutions were passed :—

“ That means of free communications for vehicles and pedestrians between north and south of the Thames at points below London Bridge have become an absolute necessity in the interests of the vast population and trading community in the Metropolitan area eastward of such Bridge.

“ That without pre-judging the question of the necessity for a Bridge East of London Bridge it is desirable that permanent communications by way of Tunnel or Tunnels should be provided.

“ That pending the construction of any permanent Works and to provide the necessary communication at the earliest possible moment, it is extremely desirable that two or more Steam Floating Bridges should be established at various parts of the river as a temporary measure.”

In October, 1882, I reported that I had had an interview with the Engineer of the Surrey Commercial Docks, and in consequence of the serious objections and difficulties that would arise if any part of the proposed Tunnel from Shadwell to Rotherhithe passed through the Docks, I prepared an amended scheme so as to avoid any interference with the Docks. The plan was approved by the Board and a copy sent to the Metropolitan Board of Works.

Other meetings of Delegates were held at various places at which Resolutions were passed urging the Metropolitan Board of Works to give consideration to this matter without loss of time.

FISH MARKET ACCOMMODATION FOR THE METROPOLIS.

The Bill for the construction of a Fish Market at Shadwell was referred to a Select Committee of the House of Commons (Mr. W. H. Gladstone, Chairman). The necessary Clauses had been agreed with the Promoters for the protection of the Limehouse District. The Bill was before the Committee eight days (from the 15th to the 24th March, 1882), in consequence of the active opposi-

tion of the Corporation of the City of London. The preamble was declared to be proved, and the Bill was read a third time on the 17th April.

The Board appointed a Special Committee to watch the Bill and arrange for public meetings to be held in support thereof. A public meeting was held at Shoreditch Town Hall, on the 2nd May, C. T. Ritchie, Esq., M.P., in the Chair, at which Resolutions were passed in favor of the Bill and praying the Corporation not to continue their opposition in the House of Lords. On the 8th May, a public meeting was held at the Bow and Bromley Institute, James Bryce, Esq., M.P., in the Chair, at which similar Resolutions were passed. Petitions were drawn up in accordance with the Resolutions and presented by Mr. Ritchie, accompanied by a large and influential Deputation, to the Court of Common Council. The Motion to continue the opposition was carried in the Court by a majority of one, but a Resolution to ask compensation for loss of Tolls at Billingsgate in the event of the Bill being passed, was lost by a large majority.

The Bill was read a second time in the House of Lords on May 2nd, and referred to a Select Committee, who sat on the 15th, 16th, 19th, and 20th June, when the Chairman stated that the preamble of the Bill was proved, but that if the Corporation wished to bring forward a clause giving the Corporation compulsory power of purchase of the new Market the Committee would be willing to consider it.

In the result two clauses were inserted in the Bill—one giving full compensation to the Corporation for all loss and injury which they might sustain by reason of the establishment and continuance of the Market at Shadwell, and the other giving power to the Corporation within six months after the passing of the Act, upon payment of the taxed costs incurred by the Promoters in obtaining the same, to have transferred to them all the powers of the Act. The Bill was read a third time and passed on June 29th.

The Bill was sent down to the House of Commons, and on Monday, the 10th July, the Lords' Amendments thereto were taken into consideration, Mr. Ritchie having previously given notice to move "to disagree with Clauses 54A and 54B added by the Lords." His motion was supported by speeches from the Home Secretary, the Chairman of the Metropolitan Board of Works, the Chairman of the Committee of the House of Commons before whom the Bill originally came, (Mr. W. H. Gladstone) the late Chairman of Ways and Means, (Mr. Raikes) and by Mr. Bryce. The Lords' Amendments were disagreed to by the House of Commons without a division.

On Friday, July 14th, the Bill again came before the House of Lords, for the consideration of the amendments to which the House of Commons had disagreed.

In the House of Lords the Earl of Mar and Kellie (who was on the Select Committee to whom the Bill had been referred), moved "That the Lords do insist upon the amendments to which the Commons have disagreed," and he was supported by Lord Wentworth (another member of the Select Committee), and by the Earl de la Warr. His Motion was opposed by the Earl of Camperdown, the Duke of Leinster (who was Chairman of the Select Committee), and the Earl of Shaftesbury, and their Lordships agreed without a division not to insist on the amendments and the Bill received the Royal Assent on the 24th July.

There were seventeen petitions from the Vestries and Local Authorities in the Metropolis, including the Metropolitan Board of Works, presented to the House of Commons, praying that House would not agree to the Clauses inserted by the House of Lords.

After the Autumn recess the Company was formed and a prospectus issued, for raising the capital required for the establishment of the Market under the Act of Parliament. In several

respects the prospectus was unsatisfactory and not sufficiently defined as to financial arrangements, and although a large sum was subscribed in the East of London, the public in general did not give any support to the undertaking. In consequence the Deposit money was returned to the subscribers in full, and active steps are being taken for the purpose of obtaining the capital privately, so as to ensure the establishment of the Market at the earliest possible period.

I am, GENTLEMEN,

Your most obedient Servant,

CHARLES DUNCH,

Surveyor of the Board.

PRESENTED TO BOARD

4 JAN. 1884

TO THE

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

GENTLEMEN,

I have the honour to submit to you my Report on the health and sanitary condition of the Limehouse District for the year 1882.

During that period there were registered in the District 2,275 births, 1,356 deaths, and 468 marriages. Of the births 1,165 were male, and 1,110 female children; 1,295 were registered in Limehouse, 590 in Ratcliff, and 391 in Shadwell and Wapping, thus

giving an annual birth rate to these parishes of 40, 36 and 37 per 1,000 population respectively. Of the deaths 688 were of males, and 668 of females; 656 were registered in Limehouse, 331 in Ratcliff, and 369 in Shadwell and Wapping, giving an annual death rate of 20.4, 20.5, and 35.5 to these parishes respectively; but inasmuch as the East London Children's Hospital wherein 124 deaths of persons resident outside the District, and 32 of persons resident in Limehouse and Wapping were registered, is situated in Shadwell a deduction of these 156 deaths must be made. This will reduce the number of deaths in Shadwell and Wapping to 213, and give a death rate to these parishes of 20.5 per 1,000 per annum. It will thus be seen that the death rates of the parishes forming your District are almost identical. To estimate the deaths in the District we must deduct the 124 deaths above alluded to from the 1,356 deaths registered, and add to the remainder our share of deaths which occurred in the Public Institutions of London. That number this year amounts to 237. Therefore we have $1,356 - 124 = 1,232 + 237 = 1,469$, which represents the total mortality of your District for the year 1882.

Both Births and Deaths were in excess of, and Marriages below, the average of the last ten years.

The Birth rate was 38.8 per 1,000 population, the average of the last ten years being 36 per 1,000.

The Death rate was 25 per 1,000 population, the average of the last ten years being 23.9 per 1,000.

The Birth rate of London was 34.3, and the death rate 21. 4 per 1,000 population.

No less than 47 per cent. of the total deaths were those of children under five years of age—this accords pretty closely with the average of the last ten years. In London 41 per cent. of the total deaths were those of children under five years of age.

From the SEVEN PRINCIPAL ZYMOTIC DISEASES, viz., Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Fever and Diarrhoea, 283 deaths were registered, being equivalent to a death rate of 4.8 per 1,000 living.

PULMONARY DISEASES (OTHER THAN PHTHISIS) destroyed a similar number.

TUBERCULAR DISEASES were fatal to 144 persons, and produced a death rate of 2.4 per 1,000.

From WASTING DISEASES OF INFANTS 111 deaths were registered, being equal to a death rate of 1.9 per 1,000.

THE CONVULSIVE DISEASES OF INFANTS destroyed 122, and produced a death rate of 2 per 1,000.

SMALL POX.—Seventeen deaths were registered from this disease during the year. Of this number 8 occurred in the district, and 9 in the Hospitals. The disease was much less prevalent than during the preceding year, 86 cases only being reported to me, against 246 in 1881.

MEASLES.—Twenty-five deaths were registered from this disease. It was considerably less fatal than since 1875, when only 20 deaths were registered.

SCARLET FEVER.—Sixty-five deaths occurred from this disease, being 17 above the average of the last ten years. This number (65) has only been exceeded three times during that period, viz., in 1874, 1879, and 1880, when 105, 71, and 112, deaths were registered respectively. Of these 65 deaths 59 occurred in the District, and 6 in the Hospitals. One hundred and ninety cases were reported to me, of which number 21 occurred in the East London Hospital for Children. This Hospital possesses no disinfecting apparatus. It appears to me however that such an apparatus would be a singularly appropriate addition to an institution devoted to the treatment of children's diseases.

DIPHTHERIA.—Four deaths were registered from this disease, being rather below the ten years average.

WHOOPIING COUGH caused 113 deaths. It was more fatal than in any of the last ten years, and caused a mortality more than double the average of that period.

FEVER (TYPHUS, ENTERIC, AND SIMPLE CONTINUED) caused 17 deaths. Of these 2 were due to Typhus, and occurred in Hospital, 14 to Enteric, of which number 6 occurred in Hospital, and 8 in the District, and one to Simple Continued Fever, which took place in the District. The annual average of the last ten years was 19.9.

DIARRHŒA.—To this disease there were attributed 42 deaths, being 20 below the ten years average.

The total number of deaths due to DISEASES OF A ZYMOTIC CHARACTER was 310.

One hundred and seventy-seven deaths were registered from CONSTITUTIONAL DISEASES, and included 21 from Cancer, 41 from Tabes, and 96 from Phthisis.

LOCAL DISEASES caused 537 deaths among which were 43 from Inflammatory Affections of the Brain, 26 from Apoplexy, 65 from Convulsions, 40 from Heart Disease, 179 from Bronchitis, and 76 from Pneumonia.

DISEASES CONNECTED with DEVELOPMENT caused 135 deaths, and included 17 from Premature Birth, 17 from Teething, 13 from Childbirth, 29 from Old Age, and 53 from Atrophy and Debility.

Seventy-three deaths were attributed to VIOLENCE, and included 10 from Fractures or Contusions, 6 from Burns or Scalds, 2 from Poison, 32 from Drowning, 17 from Suffocation. Five persons committed Suicide.

In reviewing these facts and figures one is struck by the discrepancy which exists between the death rate of London and that of your District. In the one case there is a death rate of but 21.4 per 1,000, and in the other the death rate amounts to 25 per 1,000. On the other hand the birth rate of your District is higher than that of London, being in the one case 38.8, and in the other 34.3 ; these figures, together with the fact that in your District

the deaths of children under 5 years amounts to 47 per cent. of the total mortality while in London it amounts to but 41 per cent., point to an excessive infant mortality. In a district like that over which you possess sanitary jurisdiction, such a state of things though deplorable is not to be wondered at. Yours is essentially a labouring population and therefore subject to vicissitudes to which their more fortunate brethren are strangers: when work is slack food is scarce among them and the little ones are the first to feel it—the mother has to add her mite towards the sustenance of the family, and this means absence from and neglect of it—again, as the family grows larger the means of keeping it become smaller. More economical lodgings are sought and overcrowding becomes inevitable. Under such circumstances as these, what wonder that children should sicken and die, or that when infectious disease breaks out among them that it should spread. This leads me naturally to the consideration of the subject of compulsory notification of infectious disease. It is a fact that of the number of cases of Scarlet fever which came to my knowledge last year about one-third were reported to me as deaths, that is to say, the disease had time to sow its seeds far and wide before its existence became known to the Sanitary Authority. To eradicate infectious disease or even stem its tide under such circumstances becomes well-nigh impossible; everything depends upon early notification of every case to the constituted authority; so far as regards the pauper illness of the district this early notification already exists with much benefit to the community, but as regards private illness, generally, the first intimation I receive of its existence is through the Registrar of Deaths; sometimes, but very rarely do I receive information from private medical practitioners, and occasionally when neighbours are frightened I hear of a case from them. Cases of infectious disease are also met with in the course of our sanitary inspections; these are the principal sources of my infor-

mation, and I think your Board will admit that they are not by any means equal to the importance of the subject. Towards the end of 1881 a Royal Commission was appointed to enquire respecting Smallpox and Fever Hospitals in the Metropolis. The Commissioners held thirty-seven meetings, and examined forty-eight witnesses, comprising physicians of the highest eminence, the secretary, and several medical inspectors of the Local Government Board, and others connected with sanitary and poor law administration. The enquiry was most exhaustive, and touched upon among other matters this question of the Compulsory Notification of infectious diseases, and I do not think I can do better than quote from the practical recommendations of the Commission on this and kindred subjects. At page XXXI. of the Report are these words :—" We are of opinion that the provision of Hospital accommodation for persons suffering from infectious disease in the Metropolitan Districts should be entirely disconnected from the administration of the poor law and treated as part of the Sanitary arrangements of the Metropolis. We think that the conduct of the Hospitals cannot be better placed than under the management of the Metropolitan Asylums Board, with such changes in their mode of election as shall give the Sanitary Authorities of London, that is to say, the Vestries, District Boards, and Commissioners of Sewers at least an equal influence with the Guardians of the poor in the choice of the elective members of the Board. We think that every person suffering from an infectious disease or those in charge of him, or if these neglect their duty, the occupier of the house in which the sick person is residing, or if he is a pauper, his Medical attendant should be required by law to notify the nature of the disease to the Medical Officer of Health so soon as they or any of them are aware of it ; and that in the case of non-paupers the Medical attendant should, if it is inexpedient to impose any further obli-

gation on him, be similarly required by law to furnish the sick person, or those in charge of him, with a certificate of the nature of the disease to be by them communicated to the Medical Officer of Health. On every certificate so commnnicated a small fee should be paid to the Medical man who signed it.

“ If the Medical officer after receiving such certificate is satisfied that the patient can and will be properly isolated, and requisite means of disinfection adopted, the matter will proceed no further.

“ If he is not so satisfied, and if the sick person is not too ill to be removed he will notify the case to the Metropolitan Asylums' Board, who will thereupon be at once and entirely charged with the patient till his complete recovery, and in particular will be empowered to remove him at once to one of their Hospitals. So far no distinction should be made between paupers and non-paupers who cannot be isolated. But within the Hospital those who are desirous of being placed in separate wards should be allowed such accommodation on paying for it. In case of ordinary accommodation, it appears to us a question whether payment should be claimed even from those who can make payment without difficulty.

“ If the sick person cannot be removed or isolated by those about him, the Medical officer will be bound to take all necessary steps for his isolation, and generally for the protection of the neighbourhood, with power to clear the house of its inmates. In all cases he will be bound to disinfect the house, and in the case of houses invaded by Smallpox should be empowered to require the re-vaccination of all occupants who are not otherwise protected.”

These recommendations appear to me of an eminently practical character, and calculated to check to an extent hitherto unknown in the Metropolis the spread of infectious disease.

Sanitary Work.

For a detailed account of the Sanitary work performed in the District during the year see Table VI. in the Appendix. As regards those matters which came under my own personal observation I have reported to the Board at their fortnightly meetings. They were generally connected either with complaint of nuisance or with occurrence of disease and among them were the following :—

In January the existence of Typhus Fever, in James Place, Ratcliff, Juniper Street, Shadwell, and Baroda Place, in the same parish came to my knowledge ; the sufferers were removed by the Guardian's officers to the Hospital, the usual precautions were taken against the spread of the disease, and no further case arose therefrom.

The death rate of the District was considerably augmented in February by the number of deaths which occurred from diseases of the breathing organs. It exceeded considerably any death rate reported by me to your Board, and in fact was very nearly double the average death rate. The Mortality from Whooping Cough and Bronchitis was exceptional, 50 per cent. of the total mortality having been due to these diseases. This high rate of mortality was due chiefly, if not solely, to the prevalence of the choking fogs experienced in London at that time. The death rate of the District rose to 44 per 1,000, and that of London to 35 per 1,000 population.

Lime Kiln Dock came under my notice early in the year, and I reported to your Board concerning its condition on 22nd March.

I found it in an unsanitary condition, the receptacle of all kinds of refuse, which, at low water, was deposited upon the mud. After some correspondence with the owners of the abutting premises and the Thames Conservancy Board the dock was cleared out.

In consequence of a communication from the Paddington Vestry on the subject of the more speedy removal to the Hospitals of the Metropolitan Asylums' Board of persons suffering from infectious diseases the matter came under the consideration of your Board.

It was thought, however, that no unnecessary delay had occurred under the system then in operation, and no action except acknowledging the communication was taken.

It having come to my knowledge that a person had pawned bedding, &c., which had been exposed to the infection of Smallpox and had not been disinfected, it became my duty to cause the infected articles to be disinfected, and to report the circumstances to your Board. The person had rendered herself liable to proceedings under the 38th section of the Sanitary Act, 1866, but inasmuch as she had offended unwittingly your Board was satisfied with cautioning her against a re-commission of the offence.

A thorough inspection of the Bakehouses in the District was made, and the result reported to you on May 3rd. Under the Bakehouses' Regulation Act, 1863, your Board was the Sanitary Authority, but that Act having been repealed by the 41 and 42 Vict., c. 16 Factory and Workshop Act, 1878, your Board had no power to inspect these premises, except under the provisions of the Nuisances Removal Act. The cause of the inspection was a letter in the public press from a factory inspector describing a

horrible condition of things as existing in the London Bakehouses. The points to which attention was particularly directed in my inspection were the situation of the Bakehouse, the drainage and closet arrangement of the premises, the ventilation of the Bakehouse, the number of hands employed, and the general cleanliness of the premises or otherwise. Fifty-four Bakehouses were inspected ; of these 24 were situated in the basement, and 30 in the rear of dwelling houses. In 50 the closets were in the yard, in 2 in the dwelling house, and in 2 in the Bakehouse. In 52 the drainage of the premises was good, and the drains efficiently trapped. In 2 the drains were not trapped. In 51 the ventilation was sufficient, while in 3 it needed improvement. One hundred and six hands were employed. The condition as regards cleanliness of the Bakehouses was satisfactory in 43 instances, while in 11 cleansing was required. There can be no doubt that for the sake of the baker and his family the Bakehouse should be removed from the dwelling house. The placing of a closet in a Bakehouse needs but to be mentioned to be condemned. This arrangement was discovered in only 2 instances, and in each case the Bakehouse was of recent construction, certainly since 1878, when your authority in this matter ceased.

On the 11th June a woman who resided at Kensal Green removed her child who was suffering from Scarlatina from the East London Children's Hospital, and carried it through the public street, although she was warned that by so doing she was rendering herself liable to proceedings under the 38th section of the Sanitary Act, 1866. I at once communicated with the Sanitary Authority of the District where she resided, and reported the circumstances to your Board.

Messrs. Schofield and White's premises in Turner's Road,

Limehouse, came under my notice two or three times. The manufacture of Manure on these premises from trade refuse has been the cause of frequent complaints to your Board. On the 14th June I inspected the place and found refuse from Dye Works, Furriers, Sugar Refiners, Ammonia Works, Coopers' Yards, Docks, Alum Works, and Tan Yards, together with the sweepings of flues and other substances. One large heap especially attracted my attention, a most disagreeable odour being evolved from it. I was informed that the heap in question had been collected from the Docks. It was in fact a collection of all sorts of rubbish, composed in great part of decaying animal and vegetable matter. A notice was served upon Messrs. Schofield and White to remove this offensive heap at once, which was complied with.

In July, I received notice of a serious outbreak of Scarlatina in the District ; during the fortnight ended July 12th no less than 21 cases were reported to me ; of these 7 were returned as deaths, 7 were removed to Hospital, and 7 remained under treatment in the District. In the following fortnight again 21 cases were reported—of these eight were removed to Hospital, 6 were returned as deaths, and 7 remained under treatment in the District ; from this time to the end of the year Scarlet Fever was more or less prevalent in the District, notwithstanding the constant efforts of your Sanitary staff to dislodge it. With a systematic notification of infectious disease I do not think I should have to record this fact.

In October I received a letter from the Secretary of the London Fever Hospital, stating that in consequence of the great demands made upon their accommodation for patients suffering

from Scarlatina, the Hospital authorities had decided that no new cases should be received on the orders of Vestries. I mention this circumstance in order to point out to your Board the extremely precarious nature of the extent of Hospital accommodation for non-pauper patients which at present exists in the Metropolis.

On the 11th of the same month I reported to your Board that a Fish Manure Factory had been established on Gould's Hill, Shadwell, contrary to the provisions of the Slaughter Houses (Metropolis) Act, 1874. Your Board thereupon directed a communication to be addressed to the Metropolitan Board (the authority under the Act) upon the subject, but on the 20th October, the nuisance not having been abated I attended at the Thames Police Court in support of a summons taken out by the Inspector of Nuisances for No. 2 District, against the proprietor of the premises. The Magistrate made an order to abate the nuisance complained of forthwith and against the recurrence of the same. The nuisance was abated within a few hours and the offensive material removed with as little delay as possible.

Chancery Court and Chancery Place, Shadwell, came under my notice on two or three occasions during the year. The inhabitants of these Courts are distinguished by a total disregard of sanitary laws and decent behaviour. Nothing can keep these places in order but frequent visitations of the Sanitary Inspector.

Towards the end of the year there were signs that a representation made by me in 1877 to the Metropolitan Board of Works, under the Artisans' Dwellings' Acts, 1875-82, regarding a certain area

in Brook Street, Ratcliff, was about to be dealt with. It is a great satisfaction to me to report that my representation received the favourable consideration of that Board; that the scheme put forward by the Metropolitan Board received the approval of the Secretary of State, and that the area will be dealt with under the provisions of the before mentioned Acts. The total cost of the improvement is estimated at about £18,000.

In December in consequence of a communication from the City Solicitor, I was led to make several examinations of the condition, as regards sewage pollution, of that portion of the River Thames which is included within the boundaries of your District. The evidence of such pollution was much less than I had anticipated and pointed to the River in this portion of it receiving as much pollution from the West as from the East. The condition of the stream within your boundaries was not such as to effect the public health, and an examination of the records of Zymotic diseases in the District during the last three years confirmed this view.

Cow and Slaughter Houses.

These structures were inspected by me before the day of licensing the same, and the defects discovered having been remedied, licenses were granted to those named in the list of licensees in the Appendix.

Meteorology.

The mean temperature of the air during the year was 49.7° F.; the mean of the 1st quarter having been 42.7° , of the 2nd 53° , of the 3rd 58.1° , and of the 4th 44.8° . The mean height of

the Barometer was 29.758 inches. The rain fall amounted to 25.16 inches ; 3.63 inches having fallen during the 1st quarter ; 6.13 inches during the 2nd ; 6.01 inches in the 3rd ; and 9.39 inches in the 4th. On 48 days the Wind was from the North, on 55 from the East, on 110 from the South, and on 152 from the West. Rain fell on 179 days.

Water Supply.

The Water drawn from the Lea (the source of the East London Water supply), was throughout the year of better average quality than that from the Thames ; the New River Company's supply being in nearly every case superior to that of any Company drawing from the Thames. The East London Company's supply although on two occasions superior to that of the New River Company, usually ranked with the better samples of Thames Water. A great improvement might be effected in the filtration of the River Waters if, to the sand already employed, an additional filter bed of spongy iron were added. The process of filtration through spongy iron has already been adopted on a large scale in Belgium with marked success. The Water of the New River and East London Companies was only on one occasion slightly turbid. (Vide Professor Frankland's Report).

Sale of Food and Drugs' Act.

Eighty-eight samples of Food and Drugs were examined at the Board's Laboratory. Of these 29 were Milks, of which 4 were adulterated with varying proportions of water. Eleven were Coffees, of which 1 was adulterated with 50% of Chicory. Six were Butters, of which only one was genuine ; the adulteration consisted in

each case of foreign fat, in proportions varying from 28 per cent. to 83 per cent. ; the sellers were convicted and fined in sums varying from 10/- to £5. The remaining samples consisting of Tea, Bread, Quinine, Cocoa, Mustard, Tincture of Rhubarb, Tincture of Bark, Sweet Spirits of Nitre, Tincture of Orange Peel, Pepper, Arrow-root, Flour, and Vinegar were unadulterated.

In concluding this Report, I feel it due to the Inspectors to state that they have carried out my instructions and performed their duties to my entire satisfaction.

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, 1883.

TABLE I.

Shewing the Population, Inhabited Houses, Births Deaths, and
Marriages, for the year 1882, and 10 years preceding.

GROSS NUMBERS.

Population estimated at the middle of the year 1882.	No. of Inhabited Houses in Parish or District.	Births.	Deaths.	Marriages.
58,600.	8,012.	2,275.	1,469.	468.
1881	8,012	2,176	1,428	468
1880	8,012	2,210	1,540	484
1879	7,820	2,286	1,554	504
1878	7,820	2,240	1,484	544
1877	7,820	2,146	1,513	527
1876	7,820	2,202	1,434	522
1875	7,820	2,167	1,518	593
1874	7,820	2,082	1,361	624
1873	7,816	2,070	1,483	606
1872	7,816	2,048	1,096	608
Average of 10 yrs. 1872—81	7,857.6	2,162.7	1,441.1	548.1

NOTES.

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

TABLE II.

Shewing the Annual Birth Rate, Rate of Mortality, Death Rates among Children, and Deaths in Public Institutions, for the year 1882, and 10 years preceding.

	Birth rate per 1,000 of the population.	Annual Rate of Mortality per 1,000 living.	Deaths of Children under 1 year; per centage of Total Deaths.	Per centage of Deaths of Children under 1 year to Registered Births.	Deaths of Children under 5 years; per centage of Total Deaths.	Total Number of Deaths in Public Institutions.
1882	38.8	25	24	15	47	237
1881	37	24.3	23.2	14.8	41.7	258
1880	38	26.2	24.0	17.0	47.5	250
1879	36	25.9	25.0	17.0	45.7	250
1878	35	24.7	25.0	16.0	45.0	255
1877	37	25.0	24.0	16.0	45.0	269
1876	37	24.5	29.0	17.0	53.0	250
1875	36	25.8	28.0	19.0	47.0	204
1874	36	21.0	25.0	16.0	46.0	176
1873	35	23.0	27.0	19.0	50.0	200
1872	34	19.0	29.0	15.0	52.0	190
Average of 10 yrs. 1872-81.	36.1	23.9	25.9	16.6	47.2	230.2

NOTE.—The Deaths in Public Institutions of non-Residents are excluded.

Cause of Death.	AGES.															Total under 5 Years.	TOTAL.
	Under 3 months. 0 to 1	1 to 2	2 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 to 95	95 and upwards.				
CLASSES.																	
I. Zymotic Diseases	28	61	64	104	26	9	7	4	2	2	1	1	1	..	257	310	
II. Constitutional Diseases	13	24	18	5	9	14	23	22	20	23	6	..	..	..	60	177
III. Local Diseases	50	83	60	67	34	21	24	39	39	61	43	15	1	..	260	537	
IV. Developmental Diseases	54	22	12	3	2	1	8	4	..	4	6	15	4	..	91	135	
V. Violent Deaths	7	10	5	3	9	12	9	9	5	2	2	..	..	..	25	73
Not specified or ill-defined .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTALS	152	200	159	182	80	57	71	78	66	92	53	31	6	..	693	1232	
Class 1. ZYMOTIC DISEASES																	
Order 1.—Miasmatic.																	
1 Smallpox .....	..	1	..	1	..	5	1	..	..	..	..	..	..	..	2	8
2 Measles	2	2	14	6	1	..	..	..	..	..	..	..	..	..	24	25
3 Scarlet Fever (Scarlatina) .....	..	4	10	30	14	1	..	..	..	..	..	..	..	..	44	59
4 Diphtheria.....	..	..	1	2	1	..	..	..	..	..	..	..	..	..	3	4
5 Quinsy.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 Croup	5	3	3	18	..	..	..	..	..	..	..	..	..	..	29	29
7 Whooping Cough	6	24	31	43	9	..	..	..	..	..	..	..	..	..	104	113
8 { Typhus Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
{ Enteric or Typhoid Fever .....	..	..	..	..	1	1	2	3	..	1	..	..	..	..	..	8
{ Simple Continued Fever .....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
9 Erysipelas	2	2	1	..	..	..	1	1	..	1	1	..	..	..	5	9
10 Puerperal Fever (Metria).....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11 Carbuncle .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12 Influenza .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13 Dysentery .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14 Diarrhoea	10	22	2	4	..	..	2	..	..	1	..	..	1	..	38	42
15 Cholera .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16 Ague .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17 Remittent Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18 Rheumatism .....	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	4
19 Other Zymotic Diseases .....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1
Order 2.—Enthetic.																	
1 Syphilis	3	2	..	..	..	..	..	..	..	..	..	..	..	..	5	5
2 Stricture of Urethra .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Hydrophobia .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Glanders.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 3.—Dietic.																	
1 Privation .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Want of Breast Milk .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
3 Purpura and Scurvy .....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1
4 Alcoholism { a. Del. Tremens..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
{ b. Intemperance .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 4.—Parasitic.																	
1 Thrush	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
2 Worms, &c. ....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Class 2. CONSTITUTIONAL DISEASES																	
Order 1.—Diathetic.																	
1 Gout .....	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2
2 Dropsy .....	..	..	..	..	..	..	3	1	8	6	3	..	..	..	..	21
3 Cancer.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
4 Cancrum Oris (Noma) .....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5 Mortification .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 2.—Tubercular.																	
1 Scrofula	1	2	..	..	2	..	..	1	1	..	..	..	..	..	3	7
2 Tabes Mesenterica	10	15	15	1	..	..	..	..	..	..	..	..	..	..	41	41
3 Phthisis	1	..	2	2	7	14	20	20	10	17	2	..	..	..	6	96
4 Hydrocephalus	1	6	1	1	..	..	..	..	..	..	..	..	..	..	9	9
Class 3. LOCAL DISEASES.																	
Order 1.—Nervous System.																	
1 Cephalitis .....	..	14	6	11	8	3	1	..	..	..	..	..	..	..	31	43
2 Apoplexy .....	..	..	..	..	..	..	..	5	6	8	4	3	..	..	..	26
3 Paralysis .....	..	..	..	..	..	..	..	..	1	3	5	1	1	..	..	11
4 Insanity .....	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1
5 Chorea .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 Epilepsy .....	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	3
7 Convulsions	27	19	6	12	..	1	..	..	..	..	..	..	..	..	64	65
8 Brain Disease, &c. ....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1

TABLE III. (continued.)

[illegible]

TABLE IV.

Shewing the Mortality from certain classes of Diseases, and proportions to Population, and to 1,000 Deaths, 1882.

	Total Deaths.	Deaths per 1,000 of Population	Proportion of Deaths to 1,000 Deaths.
1. Seven Principal Zymotic Diseases.....	283	4.8	192
2. Pulmonary Diseases (<i>other than Phthisis.</i>)	283	4.8	192
3. Tubercular Diseases	144	2.4	98
4. Wasting Diseases of Infants	111	1.9	75
4. Convulsive Diseases of Infants	122	2.0	83

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Fever, and Diarrhœa.
2. Includes Phthisis, Scrofula, Rickets, and Tabes.
3. 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, 1872 to 1881, and in the Year 1882.

Disease.	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	Annual Average of 10 years. 1872-1881.	Proportion of Deaths to 1000 Deaths in 10 years. 1872-1881.	1882	Proportion of Deaths to 1000 Deaths in 1882.
Smallpox ...	8	3	0	0	13	89	63	2	20	42	24	16.0	17	11.5
Measles	40	65	36	20	36	71	31	49	37	52	43.7	30.0	25	17.0
Scarlet Fever	19	19	105	48	43	20	16	71	112	22	47.5	33.0	65	44.2
Diphtheria...	2	4	4	1	4	5	9	11	8	8	5.6	3.8	4	2.7
Whooping Cough ...	49	70	30	79	31	47	81	43	62	41	53.3	37.0	113	76.9
Fever	13	19	26	15	22	22	21	18	17	26	19.9	13.7	17	11.5
Diarrhœa ...	64	85	45	77	65	66	64	44	56	55	62.1	43.0	42	28.5
Total	195	265	246	240	214	320	285	238	312	246	256	176.5	283	192.3
London	12099	11385	11230	13411	12565	12365	14734	12256	13681	13811	12813	162	13553	163

TABLE VI.

INSPECTORS' REPORT OF THE SANITARY WORK, &c.

Completed in the year ending December 31st, 1882.

SANITARY WORK.	DISTRICTS.		
	Limehouse.	Ratcliff, Shadwell, and Wapping.	Total.
No. of Houses, Premises, &c., inspected.....	836	700	1536
Orders issued for Sanitary Amendments of Houses and Premises	730	600	1330
Houses, Premises, &c., Cleaned, Repaired, and Whitewashed	191	21	212
Houses Disinfected after Infectious Diseases.....	154	60	214
House Drains Repaired, Cleansed, &c.	139	99	238
" " Trapped or Ventilated.....	59	35	94
Privies and Water Closets Repaired and Cleansed...	72	45	117
" " New provided	6	1	7
Dust Bins—New provided, &c.	—	51	51
" Repaired, Covered, &c.....	10	6	16
Premises Supplied with Water	46	—	46
Cisterns Cleansed, Repaired, and Covered	10	8	18
No. of Dust Complaints Received and attended to	560	700	1260
Removals of Offensive Accumulations	49	4	53
Removals of Animals not properly kept.....	2	2	4
Legal Proceedings	21	13	34
Overcrowding abated	7	6	13
Dead Bodies Removed to Mortuary	2	2	4
Cow Houses Regularly Inspected	11	11	22
Slaughter Houses Regularly Inspected	8	3	11

GEO. HURLOCK,

THOMAS STACE,

} Inspectors.

TABLE VII.

Shewing the Localities in which certain Diseases of a Zymotic character occurred during the year 1882.

LOCALITY.	Small-pox.	Scarlatina.	Typhoid.	Typhus.
Albert-street	—	—	1	
Acland-street	1			
Ashley-place	1			
Aston-street.....	1	—	1	
Blount-street	—	—	1	
Batson-street	1			
Brunswick-place	—	—	1	
Brook-street.....	1	1	1	
Burgess-street	1	3		
Broad-street.....	1	4	1	
Baroda-place	—	1		
Brunton-place	—	—	—	1
Bower-street	—	2		
Burdett-road	—	1		
Copenhagen-place	—	2	3	
Cable-street	—	1	1	
Caroline-place	—	1		
Children's Hospital.....	—	21	4	
Church-row	1	6	1	
Catherine's-rents	1			
Carrick's-buildings	1			
<i>Carried forward</i>	10	43	15	1

TABLE VII. (*Continued*).

*

LOCALITY.	Small-pox.	Scarlatina.	Typhoid.	Typhus.
<i>Brought forward</i>	10	43	15	1
Collingwood-street	—	1		
Chiver's-court	2	1		
Clemence-street	—	5		
Conder-street	—	1		
Commercial-road.....	1	1		
Caroline-street.....	—	—	—	1
Cross-street	—	2		
Dalglish-street	—	1		
Dakin-street.....	2			
Dorset-street	—	1		
Eastfield-street	1	—	4	
Elm-house	—	1		
East India-road	—	1		
Gill-street.....	6	6	3	
Gloucester-street	—	1		
Gun-square	—	1		
Galt-street	—	6		
Gun-lane	—	1		
George-street	1			
High-street, Shadwell.....	3	2	—	4
<i>Carried forward</i>	26	75	22	6

TABLE VII. (*Continued*).

LOCALITY.	Small-pox.	Scarlatina.	Typhoid.	Typhus.
<i>Brought forward</i>	26	75	22	6
Henry-street	1	5		
Havering-street	—	3		
Jamaica-street	2			
Juniper-street	1	1	1	
Jamaica-pass	2			
King John's-court	1			
Kirk's-place	—	—	1	
London-street	10	1	—	2
Lowell-street	1			
Love-lane	1	1		
Limehouse-causeway	—	6		
Lance-street.....	—	4		
Linton-place	—	3		
Locksley-street	—	4		
May's-cottage	1	1		
Maroon-street	—	3		
Mercer-street	—	3		
Medland-street	—	—	1	
Marchant's-row	—	5		
North-street.....	—	2	1	
<i>Carried forward</i>	46	117	26	8

TABLE VII. (*Continued*).

LOCALITY.	Small-pox.	Scarlatina.	Typhoid.	Typhus.
<i>Brought forward</i>	46	117	26	8
Northey-street.....	3	3	1	
New-street	1	1		
Nightingale-lane	—	2		
New-square	—	2		
Narrow-street	—	4	1	
Parnham-street	—	—	1	
Peabody-square	1	2		
Prince's-place	1			
Pelling-street	1			
Periwinkle-street.....	—	2		
Park-street	—	1		
Pleasant-row	—	1		
Rhodeswell-road	6	3		
Red Lion-court	3			
Ropemaker's-fields	2	3		
Red Lion-street	1	1	—	1
Rich-street	—	1		
Repton-street	—	1		
Railway-place	—	—	1	
Stepney-causeway	8	1	2	
Stepney Causeway-court.....	—	1		
<i>Carried forward</i>	73	146	32	9

TABLE VII. (*Continued*).

LOCALITY.	Small-pox.	Scarlatina.	Tpyhoid.	Typhus.
<i>Brought forward</i>	73	146	32	9
Salmon's-lane	1			
Spencer-street	—	2		
Stainsby-road	1	—	1	
St. Ann's-street	—	—	2	
St. James' Vicarage.....	—	1		
South-street.....	—	1		
St. Ann's-row	—	—	1	
Silver-street.....	—	1		
Salter-street.....	—	1		
Samuel-street	—	1		
St. Paul's-road.....	—	1		
Sage-street	—	—	1	
Streatfield-street	—	2		
Tower-buildings	4	4		
Trigg's-cottages	1			
Tenbury-place	1			
Turner's-road	—	2	1	
Trigg's-place	—	1		
Three Colt-street.....	—	1		
Thomas-street, Limehouse	—	7		
Union-place	1	1		
Upper John-street	—	1		
<i>Carried forward</i>	82	172	38	9

TABLE VII. (*Continued*).

LOCALITY.	Small-pox.	Scarlatina.	Typhoid.	Typhus.
<i>Brought forward</i>	82	172	38	9
Wapping-wall	—	1		
White Horse-street.....	2	3		
West India-road	—	10	1	
Walter-street	2			
Weston's-cottages	—	—	1	
Warton-place	—	1		
Wallwood-street	—	3		
Walker-street	—	1		
York-square.....	—	—	1	
TOTAL	86	191	41	9

TABLE VIII.

LIST OF ARTICLES DISINFECTED IN THE APPARATUS
BELONGING TO THE BOARD, FOR 1882.

Articles.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Beds	92	100	85	75	44	40	23	39	49	46	52	54	699
Sheets	174	111	115	106	75	83	48	79	80	70	100	108	1149
Blankets ...	105	113	98	95	67	66	25	49	63	96	98	84	959
Bolsters	84	85	86	67	42	40	39	37	46	45	53	52	656
Pillows	111	201	124	103	84	73	32	73	53	89	106	95	1154
Quilts	71	60	50	41	16	12	14	9	21	16	14	18	342
Mattresses...	84	95	83	72	40	38	21	37	43	40	50	49	702
Sundries ...	370	300	228	175	100	92	176	212	195	111	150	103	3212
	1111	1065	869	734	468	444	376	535	550	513	623	563	7873

TABLE IX.
1882.
LICENSED COW HOUSES.

LIMEHOUSE.	
NAME.	ADDRESSES.
Mr. John Knight,	108, White Horse Street.
„ David Dudlyke,	15, Maroon Street.
„ Joseph Busby,	Dakin Street.
„ Daniel Davies,	25, Repton Street.
„ William James Grout,	162, Rhodeswell Road (S.W. corner of yard).
„ Ditto	Ditto (N.W. corner of yard).
„ Isaac Jones,	23, Turner's Road.
„ Rees Jones,	5 & 6, Ropemaker's Fields.
Messrs. Philip & Edward Abbott,	44, Gun Lane.
Mr. Timothy Evans,	7, Gill Street.
„ Thomas Gerrard Fletcher,	St. Anne's Farm, Burdett Road.

RATCLIFF.

Mr. Charles Warman,	Railway Arch, James Street.
„ Charles Toms,	50, Love Lane.
„ Charles Toms,	63, Brook Street.
„ James Alcock,	Rear of 37, Stepney Causeway.
Mrs. Mary Elizabeth Thorpe,	49, London Street.
Messrs. John & William Morris,	37, White Horse Street.

SHADWELL

Mr. James Mason,	Sage Street.
„ Henry Warman,	Twine Court.
„ George Heath,	Lower Shadwell.
Mrs. Mary Ann Boorman,	4, Victoria Street (rear of).
„ Ditto	3, Ditto ditto.

SLAUGHTER HOUSES.

LIMEHOUSE.

Mr. George Richard Bond,	160, White Horse Street.
„ William Airly,	133, Salmon's Lane.
„ John Hayward Bowles,	141, Salmon's Lane.
„ Gottliet Carl Rathmann,	211, Salmon's Lane.
Messrs. Wm. Nicholls & Wm. Franks	26, Three Colt Street.
Mr. Richard Andrews,	89, Three Colt Street.
Mrs. Elizabeth Peace,	78, Limehouse Causeway.
Mr. Frederick Peachey,	33, West India Dock Road.

RATCLIFF.

Mr. William Henry Dunbar,	46, White Horse Street.
„ William Morris,	159, White Horse Street.

SHADWELL.

Mr. Thomas Amos Stephens,	6, High Street.
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