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UNITED
URBAN DISTRICT OF
WOLSTANTON.




Annual Report

OF THE
MEDICAL OFFICER OF HEALTH,
(W. E. L. HORNER, M.D.)
FOR THE
YEAR 1907.



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TO THE . . .
CHAIRMAN AND COUNCILLORS
OF THE
UNITED URBAN DISTRICT OF WOLSTANTON.



GENTLEMEN,

I have the honour to present to you my FOURTH ANNUAL REPORT on the Sanitary condition of the United Urban District of Wolstanton, with the vital statistics for the year 1907.

The District is composed of the three Parishes of Wolstanton, (including part of Basford, May Bank and Longbridge Hayes), Silverdale, (including Knutton and Cross Heath), and Chesterton, (including Red Street).

Area. The area of the District is 5,483 acres, divided as follows :—

WOLSTANTON	...	2,362	acres
SILVERDALE	...	1,764	„
CHESTERTON	...	1,357	„
		<hr/>	
		5,483	„

Population. The Population according to the census of 1891 was :—

WOLSTANTON	...	6,473
SILVERDALE	...	7,210
CHESTERTON	...	6,314
		<hr/>
		19,997
		<hr/>

1901 was :—	WOLSTANTON	...	8,284
	SILVERDALE	...	7,820
	CHESTERTON	...	6,541
			<hr/>
			22,645
			<hr/>

The estimated population to the middle of 1907 was :—

WOLSTANTON	...	11,286
SILVERDALE	...	8,935
CHESTERTON	...	7,664
		<hr/>
		27,885
		<hr/>

The Statistics in this Report are based upon that estimate.

Number of Houses. The number of houses inhabited in the District to the middle of 1907 was 5,898.

Number of persons per house ... 4.7.

These are divided as follows :—

WOLSTANTON, 2731,	No. of persons per house	4.1
SILVERDALE, 1744,	" "	5.1
CHESTERTON, 1423,	" "	5.3

30 new houses have been built during the year.

Houses unfit for habitation. 5 houses have been condemned during the year at Silverdale after having been visited by the Surveyor, Medical Officer and Sanitary Inspector.

These are at present in hand either to be pulled down or altered so as to be fit for habitation.

Births.

The total number of Births registered in the District was 815—422 boys and 393 girls, equal to an annual Birth-rate of 29.2 per thousand.

As will be seen from the figures below, the Birth-rate is diminishing every year :—

Year.	Birth-rate.
1904 ...	34.4
1905 ...	32.9
1906 ...	31.5
1907 ...	29.2

These Births were distributed as follows :—

Wolstanton		Silverdale		Chesterton	
Boys	Girls	Boys	Girls	Boys	Girls
177	157	125	113	120	123
Total 334		Total 237		Total 244	

The Birth-rates for the three Districts during the last four years were :—

	Wolstanton.	Silverdale.	Chesterton.
1904	31.5	34.2	38.9
1905	30.7	34.03	35.06
1906	33.4	27.8	32.9
1907	29.5	26.5	31.8

The Birth-rate in England and Wales in 1907 was 26.3 per 1,000 of the population, which is 0.8 per 1,000 below the rate in 1906, and lower than the rate in any other year on record ; compared with the average in the 10 years 1897-1906, the birth-rate in 1907 showed a decrease of 2.1 per 1,000.

Month	BIRTHS.					DEATHS.				
	Whole District	Rate per 1000	Wolstanton	Silverdale	Chesterton	Whole District	Rate per 1000	Wolstanton	Silverdale	Chesterton
January	56	24.09	22	13	21	41	17.6	20	11	10
February	68	29.1	29	15	24	44	18.8	25	12	7
March	71	30.4	27	18	26	44	18.8	19	14	11
April	69	29.6	18	24	27	22	9.4	5	8	9
May	66	28.3	23	27	16	31	13.3	17	10	4
June	66	28.3	29	18	19	19	8.1	6	7	6
July	95	40.8	43	29	23	34	14.5	9	15	10
August	60	25.8	31	13	16	27	11.5	17	4	6
September	62	26.8	27	16	19	33	14.1	12	8	13
October	74	31.8	28	25	21	21	9.03	10	6	5
November	45	19.3	18	15	12	23	9.8	13	6	4
December	83	35.6	39	24	20	38	16.3	20	6	12
Total ..	815	29.22	334	237	244	377	13.5	173	107	97

Deaths.

The total number of Deaths registered in the District was 350. This gives an annual death-rate of 12.5 per 1,000.

Of these deaths 3 were of non-residents at the Bradwell Sanatorium. There were also 30 deaths of residents occurring in Institutions outside the District :—

North Staffordshire Infirmary	17
Chell Workhouse	... 13

The corrected number of deaths thus becomes 377, (males 180, females 197), giving an annual death-rate of 13.5 per 1,000 of the estimated population of the District.

As will be seen from the figures given below the death-rate is 2.5 per 1,000 higher than last year for the whole District. This increase is mainly due to the greater number of deaths in Wolstanton this year, the death-rate being 4 per 1,000 above that of last year. The death-rate of Chesterton is the lowest yet recorded, being 1 per 1,000 below that of last year, and the death-rate of Silverdale is 1.5 per 1,000 above that of last year.

Year	Whole District		Wolstanton		Silverdale		Chesterton	
	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate
1904	407	16.29	139	13.75	106	13.24	162	23.6
1905	388	14.95	145	13.8	128	15.3	115	16.12
1906	315	11.7	124	11.3	90	10.4	101	13.6
1907	377	13.5	173	15.3	107	11.9	97	12.6

For all England and Wales, the death-rate in 1907 was 15.0 per 1,000, which was 0.4 per 1,000 below the rate in 1906, and lower than the rate in any other year on record.

Causes of, and Ages at Death during the Year 1907.

CAUSES OF DEATH	All ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Wolstanton	Silverdale	Chesterton	Deaths in Public Institutions.
Measles	11	4	6	1				4	5	2	
Scarlet Fever	13	6	7					3	6	4	
Whooping Cough	4		2	2				3	1		
Diphtheria and Membranous Croup	1					1		1			3
Enteric Fever	1						1	1			
Epidemic Influenza	11	10	1				3	4	3	4	
Diarrhœa	3							1	1	2	
Enteritis	1					1				1	
Erysipelas	1	1							1		
Other septic Diseases	15				2	13		10	4	1	
Phthisis (Pulmonary Tuberculosis)	8	4			3	1		6	1	1	
Other Tubercular diseases	11					10	1	8	2	1	
Cancer, malignant diseases	33	6	3			11	13	12	16	5	
Bronchitis	34	9	12	2	2	7	2	11	13	10	
Pneumonia	5					4	1	2	3		
Other diseases of Respiratory organs	2					2			1	1	
Alcoholism	17	17						4	1	12	
Veneral Diseases	2				1	1		2			
Premature Birth	44	2	1	1	3	29	8	25	9	10	
Diseases and accidents of parturition	13		1	3		8	1	6	3	4	
Heart diseases	3					2	1	3			
Accidents	144	46	10	3	3	35	47	71	36	37	
Suicides											
All other causes											
All causes	377	105	43	12	14	125	78	175	107	95	3

Infant Mortality.

The deaths under 1 year in 1907 were 105, equal to a mortality of 128 per 1,000 registered births.

The following table shows the Infantile Mortality in the different parts of the District.

	Whole District		Wolstanton		Silverdale		Chesterton	
Year	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate
1904	109	126	33	103	29	105	47	133
1905	117	136	43	133	41	145	33	150
1906	95	112	35	96	27	112	33	135
1907	105	128	36	107	27	113	42	172

From this it will be seen that although the death-rate as a whole in Chesterton this year is lower than previous years, the Infant Mortality in Chesterton still remains very much higher than Wolstanton and Silverdale. Of the total number of deaths under 1 year of age, 17 were due to Premature Birth, and of these no less than 12 occurred in Chesterton.

This high Infant Mortality is no doubt due in a great measure to the greater number of women who are working in Chesterton.

For all England and Wales, the Infant Mortality in 1907 was 118 per 1,000 registered births, which is the lowest rate on record, and 14 per 1,000 below the rate of last year.

The causes of, and ages at death, are shown on the accompanying table.

INFANT MORTALITY DURING THE YEAR 1907.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSES OF DISEASES		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified ..	17	8	8	5	38	8	14	7	2	8	7	1	3	9	2	4	103
	Uncertified ..	1				1											1	2
<i>Common Infectious Diseases :</i>																		
Measles ..								1						1	3			4
Whooping Cough ..													1	2				6
<i>Diarrheal Diseases :</i>																		
Diarrhoea, all forms ..								2	1		1	2		1			1	8
Enteritis (<i>not Tuberculous</i>) ..																		
Gastritis, Gastro-intestinal Catarrh ..					1	1		3	1			1						6
<i>Wasting Diseases :</i>																		
Premature Birth ..		10	1	1	1	13	2	2										17
Congenital Defects ..		3	1	3		7	1	1										8
Atrophy, Debility, Marasmus ..		2	1	4	1	8	2	2	1	1			1	1	1			16
<i>Tuberculous Diseases :</i>																		
Tuberculous Meningitis ..								1										1
Tuberculous Peritonitis ..																		
Tuberculous Mesenterica ..																		
Other Tuberculous diseases ..											1				1			2
Syphilis ..																		
Meningitis (<i>not Tuberculous</i>) ..									1		1				1		1	4
Convulsions ..		2	1	2		5	4	1							1		2	12
Bronchitis ..			2			2			2	1	1				1		1	6
Pneumonia ..								1	1		3	2						9
Other Causes ..		1	2			3					1					2		6
		18	8	8	5	39	8	14	7	2	8	7	1	3	9	2	5	105

District (or sub-division) of Wolstanton.

Population (estimated to middle of 1907)—27,885.

Births in the year : legitimate—783 ; illegitimate—32.

Deaths in the year of legitimate and illegitimate
Infants—105.

Deaths from all causes at all ages—377.



Deaths not certified by a Medical Practitioner.

INQUESTS were held during the year on 18 persons, and the following verdicts were given :—

	Natural Causes.	Accidents.	Suicides.
WOLSTANTON ..	Syncope	Burns	Hanging
	Fatty Heart	Injuries to Head	
	Convulsions		
	Convulsions		
	Heart failure		
SILVERDALE ..		Fall	Hanging
		Cr'nic Acid Pois ning	
CHESTERTON ..	Natural causes	Fall of roof in pit	
	Double Pneumonia	Fall of stone in pit	
	Heart failure	Fractured Spine	

Besides the above there were 6 uncertified deaths on which no Inquests were held, the causes and ages being as follows :—

Convulsions	...	12 hours.
"	...	11 months.
"	...	1 years.
Heart disease	...	63 years.
"	...	31 years.
Bronchitis	...	65 years.

The total number of uncertified deaths was therefore 24 out of the 377 in the District, equal to 6.3 per cent.

Inquests 4.7 per cent

Uncertified deaths 1.6 per cent.

For all England and Wales, the figures for 1907 are :—

Inquests 6.9 per cent.

Uncertified deaths 1.4 per cent.

Zymotic Death-rate.

There were 40 deaths from the seven principal Epidemic Diseases, giving a rate of 1.4 per 1000. This is slightly lower than last year in which the rate was 1.7.

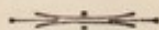
	Wolstanton	Silverdale	Chesterton	TOTAL	Rate per 1000
Small-pox	—	—	—	—	—
Measles	4	5	2	11	0.39
Scarlet Fever	—	—	—	—	—
Diphtheria	3	1	—	4	0.14
Whooping Cough ..	3	6	4	13	0.46
Enteric Fever	—	1	—	1	0.03
Diarrhoea	4	3	4	11	0.39
Total ..	14	16	10	40	1.43

For all England and Wales the Zymotic death-rate in 1907 was 1.26.

Comparative Statistics of Births and Deaths.

	Annual rate per 1,000 Living.										Deaths under 1 year to 1,000 Births
	Births	Deaths	Principal Epidemic Diseases	Small- pox	Measles	Scarlet Fever	Diph- theria	Whoop- ing Cough	Enteric Fever	Diarr- hoea	
England and Wales ..	26.3	15.0	1.26	0.00	0.36	0.03	0.16	0.29	0.07	0.29	118
76 Great Towns ..	27.0	15.4	1.54	0.00	0.43	0.12	0.17	0.35	0.07	0.40	127
142 Smaller Towns ..	25.7	14.5	1.29	0.00	0.41	0.08	0.15	0.29	0.07	0.29	122
England and Wales less the 218 Towns	25.6	14.7	0.91	0.00	0.25	0.06	0.15	0.21	0.06	0.18	106
Wolstanton District	29.2	13.5	1.43	0.00	0.39	0.00	0.14	0.46	0.03	0.39	105 / 28

Infectious Diseases Notification Act, 1889.



150 cases have been notified during the year, including the following :—

Diphtheria	...	31
Erysipelas	...	24
Scarlet Fever	...	88
Enteric Fever	...	5
Puerperal Fever	...	2

This is considerably less than last year in which 277 cases were notified, and is the lowest number recorded since the formation of the Urban District, as will be seen from the following table :—

	Small-pox	Diphtheria	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Fever	TOTAL
1904	1	37	15	105	8	2	168
1905	—	44	17	120	11	1	193
1906	—	66	21	174	16	—	277
1907	—	31	24	88	5	2	150

The usual method of dealing with these cases has been carried out throughout the year.

The houses are visited, enquiries made and noted on printed forms and instructions as to isolation given. Removal to the Bradwell Sanatorium is urged where possible.

The Sanitary condition of the premises is carefully inquired into and inspected, and any defects found remedied.

Every infected house is disinfected, either on removal of the case, or at the expiration of the period of infection as certified by the medical practitioner in charge.

Disinfectants are supplied throughout the illness where the cases are treated at home.

Bradwell Sanatorium.

Now that Burslem and Tunstall have withdrawn, the Bradwell Sanatorium has proved quite sufficient to meet the needs of the District during the year, and no cases have been refused admission for want of room.

82 cases have been removed during the year.

The percentage of cases removed is increasing, as will be seen from the following figures :—

In 1904,	37	per cent	were removed.
„ 1905,	35	„	„
„ 1906,	47	„	„
„ 1907,	66	„	„

Only 3 deaths occurred at the Sanatorium during the year, and these were all cases of Enteric Fever from Packmoor, (Smallthorne).

At present, in addition to the Wolstanton District, cases are received from Kidsgrove, and a portion of the Smallthorne District.

It is under consideration as to whether cases should also be received from the Audley District.

An inquiry was held in December as to the amount of compensation payable by Tunstall upon their withdrawal from the Bradwell Sanatorium. As soon as this is settled, the necessary alterations in the Sanatorium, some of which have been mentioned in previous Reports, and which are urgently needed, will be proceeded with.

Cases of Infectious Diseases notified during the Year 1907.

NOTIFIABLE DISEASE.	Cases notified in whole District.						Total Cases notified in each locality			No. of Cases removed to Hospital from each locality.		
	At all Ages	At Ages—Years.						Wolstanton	Silverdale	Wolstanton	Silverdale	Chesterton (H)
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards					
Diphtheria ..	31		7	21	3			18	11	2	4	1
Membranous Croup ..												
Erysipelas ..	24	1	1	1	2	18	1	13	5	6		
Scarlet Fever ..	88		33	48	5	2		21	8	59	5	47
Enteric Fever ..	5			2	1	2			3	2		2
Puerperal Fever ..	2					2		2				
Total ..	150	1	41	72	11	24	1	54	27	69	9	50

Small-pox.

No cases of Small-pox have occurred in the District during the year.

Enteric and Typhoid Fever.

5 cases have been notified during the year, of which 3 were in Silverdale and 2 in Chesterton.

2 of these were removed to the Bradwell Sanatorium.

There was 1 death in Silverdale from Enteric Fever, giving a death-rate per 1,000 living of 0.03.

Scarlet Fever.

88 cases have been notified during the year. The following table shows the distribution in the District for each month :—

	Wolstanton	Silverdale	Chesterton	TOTAL
January	—	5	1	6
February	2	—	4	6
March	—	2	2	4
April	1	—	1	2
May.. ..	1	—	4	5
June	1	—	1	2
July.. ..	—	—	26	26
August	1	1	3	5
September	4	—	8	12
October	1	—	5	6
November	3	—	3	6
December	7	—	1	8
Total ..	21	8	59	88

As in last year, by far the largest number of cases occurred in Chesterton, and in both years the largest number of cases occurred in July, and principally in the Broadmeadow end of the town. (24 out of 26 cases in July).

The Broadmeadow Schools were closed and 23 of the 26 cases occurring in July were removed to the Bradwell Sanatorium, by these means the epidemic being stopped.

The disease throughout the year has been mild in character and no deaths have occurred.

67 cases—76 per cent. were removed to the Bradwell Sanatorium during the year. This is a much larger proportion than last year in which 51 per cent. were removed.

70 houses were infected.



Diphtheria.

31 cases of Diphtheria have been notified during the year, distributed as follows :—

				Wolstanton	Silverdale	Chesterton	TOTAL
January	..	..	..	—	7	—	7
February	..	..	..	1	2	—	3
March	..	..	..	2	—	—	2
April	..	..	..	7	1	—	8
May..	..	..	..	1	—	—	1
June	..	..	..	—	—	—	—
July..	..	..	..	2	1	—	3
August	..	..	..	1	—	1	2
September	..	..	..	2	—	—	2
October	..	..	..	—	—	1	1
November	..	..	..	1	—	—	1
December	..	..	..	1	—	—	1
Total				18	18	2	31

The distribution of the cases is the same as last year, most of the cases occurring in Wolstanton and Silverdale.

Amongst these cases 4 deaths occurred, giving a mortality of 12.9 per 100 cases. These deaths however were all cases in which the disease had spread to the larynx, (Membranous Croup).

The death-rate per 1,000 living from Diphtheria

was 0.14. This is lower than in the last two years in which it was 0.24 and 0.33 respectively.

13 cases—42 per cent., (exactly the same as last year), were removed to the Bradwell Sanatorium.

Antitoxin continues to be supplied by the Council for use in necessitous cases.

Measles.

In May and June there was an epidemic of Measles in Silverdale. A slighter epidemic also occurred in Wolstanton about the same time. A few cases occurred in Chesterton in the spring and autumn, though these could not be said to be an epidemic.

11 deaths occurred from Measles during the year, of which 4 were in Wolstanton, 5 in Silverdale, and 2 in Chesterton.

Whooping Cough.

Whooping Cough was prevalent in Wolstanton and Chesterton during the first six months of the year, and the epidemic of Measles in Silverdale was followed by an outbreak of Whooping Cough during the months of July, August and September.

There were 13 deaths during the year, of which 3 were in Wolstanton, 6 in Silverdale and 4 in Chesterton.

Closure of Schools.

The Infant department of the Silverdale National Schools was closed for a period of 3 weeks from May 15th on account of an epidemic of Measles.

The Broadmeadow Schools at Chesterton were closed on the 17th of July until after the summer holidays on account of an epidemic of Scarlet Fever.

Constitutional Diseases.

There were 34 deaths under this head, viz. :—

Phthisis	..	...	15
Other Tuberculous Diseases			8
Cancer ...	...	...	11

Phthisis—The death-rate from Phthisis was 0.46 per 1,000. This is about the same as last year in which it was 0.48, and lower than the two preceding years in which it was 0.8.

10 of the deaths were in Wolstanton, 4 in Silverdale, and 1 in Chesterton.



Sanitary Work.

The District has been thoroughly and systematically inspected, and altogether over 9,000 house to house visits have been made. In addition special visits to Cowsheds, Slaughter-houses, &c., have been made, as enumerated below.

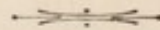
515 nuisances and defects have been discovered as enumerated on the accompanying table, most of which have been remedied.

1,031 yards of new drainage pipes have been laid during the year, viz. :—

390 yards of 4 inch pipes.

631 „ „ 6 „

10 „ „ 9 „



Slaughter-houses.

There are 20 Slaughter-houses and 1 Knacker's Yard in the District, distributed as follows :—

Wolstanton ... 8

Silverdale ... 6

Chesterton ... 7

One new Slaughter-house has been erected in Wolstanton, and a yearly license granted.

233 visits of inspection have been made during the year, and 3 defects were found, viz. :—2 accumulations of manure, and 1 where the walls wanted lime-washing. All of these have been remedied.

Dairies, Cowsheds and Milkshops.

There are 62 Cow-keepers on the register in the District, 40 of which have Dairies, and 5 Milk-sellers who do not keep Cows.

23 are in Wolstanton.

25 „ Silverdale.

19 „ Chesterton.

135 visits of inspection have been made during the year.

The Dairies were all found to be clean. In one the floor has been relaid, and on another a new roof has been fixed.

The Sanitary condition of the Cowsheds is in many cases deficient, particularly as regards light and ventilation, and it will still take a considerable amount of time and work to get them into a sanitary condition to comply with the bye-laws.

During the year, the following work has been done :—One cowshed has been rebuilt, three have had new drains put in, and one has been lighted and ventilated.

Two notices for lime-washing, and one for an accumulation of manure were served, and the defects remedied.

Five more Cowsheds are at present in hand to be lighted, ventilated, drained, and new floors put in.

Water Supply.

The Water supply to the District by the Staffordshire Potteries Water-works Company has been good, and no complaints have been received during the year.

SUMMARY of SANITARY WORK done in the Nuisance
Inspector's Department during the year 1907,
in the Urban District of Wolstanton.

				Number of		Abatement Notices.		Nuisances abated after notice by	
				Inspections & Observations made.	Defects found.	Informal by Inspector.	Formal by Authority.	Inspector.	Authority.
<i>Dwelling-houses and Schools.</i>	{	Foul Conditions		28	28	28	—	28	—
		Structural Defects		41	41	38	3	38	3
		Overcrowding		4	4	4	—	4	—
		Unfit for Habitation		5	5	—	5	—	—
Lodging-house				—	—	—	—	—	—
Dairies, Milkshops and Cowsheds ..				135	18	17	1	12	1
Bakehouses				26	—	—	—	—	—
Slaughter-houses				233	3	3	—	3	—
Ashpits and Privies				8663	207	200	7	200	7
Deposits of Refuse and Manure ..				14	14	14	—	14	—
Water Closets				237	29	23	6	23	6
<i>House Drainage</i> —No Disconnection				139	139	133	6	133	6
Water Supply				—	—	—	—	—	—
Pigsties				169	17	17	—	17	—
Animals improperly kept				—	—	—	—	—	—
Offensive Trades				—	—	—	—	—	—
Smoke Nuisances				—	—	—	—	—	—
Other Nuisances				10	10	8	2	8	2
Totals ..				9704	515	485	30	480	25

Precautions against Infectious Disease.

Lots of Infected Bedding Disinfected or Destroyed	..	4
Houses Disinfected after Infectious Disease	..	111

W. SIMCOCK, Sanitary Inspector.

Factory and Workshops Act, 1901.

The total number of Factories and Workshops at present on the register is 80. These include 5 Factories and 75 Workshops.

The Factories are :—

- 2 Laundries.
- 1 Earthenware Works.
- 1 Cotton Factory.
- 1 Bone Works.

The Workshops and Homeworkers' premises include :—

- 15 Dressmakers.
- 3 Saddlers.
- 17 Joiners and Builders.
- 8 Blacksmiths.
- 18 Bakehouses.
- 12 Boot and Shoe Repairers.
- 2 Tailors.

73 visits of inspection have been made during the year.

1 new Laundry has been erected at Silverdale.

The insufficient privy accommodation at the Cotton Factory mentioned in last year's Report has been remedied by putting in 12 new Water-Closets.

All the Workshops were found to be in fairly good condition.

2 privy nuisances were found, and have been remedied.

The floor at the new Laundry at Silverdale is defective.

Scavenging.

The Scavenging of the District is divided into 12 portions as follows :—

Wolstanton	...	3
Silverdale	...	3
Knutton	...	2
Chesterton	...	3
Longbridge Hayes		1

Considering the method by which the scavenging is undertaken by several contractors, the work has been done in a satisfactory manner during the year. A good many complaints however have been received from Longbridge Hayes.

The number of loads of ashes and night-soil removed during the year, and the cost per load are as follows :—

Wolstanton	...	5,005	loads at	1/11	per load.
Silverdale	...	2,548	„	2/4	„
Knutton	...	1,141	„	2/7	„
Chesterton	...	3,911	„	1/6	„
Longbridge Hayes		576	„	1/5	„

making a total cost to the District of 13,181 loads removed for £1,297.

24 Privy Cesspools have been converted into Water-Closets, and 54 into Earthenware Pans during the year.

Sewage, &c.

The Sewage Disposal of the District remains the same as last year.

The following particulars have been furnished by the Surveyor—Mr. W. F. Slater :—

Certain details with regards to the Basford Sewage Scheme, as required by the Local Government Board are receiving careful attention and consideration, and every effort is being made to commence actual operations.

New Detritus Tanks and Sludge Beds have been constructed on the Holditch Farm, and the Farm is being improved for the treatment of Sewage in a number of ways.

With regard to the Apedale Road, Chesterton Sewage Scheme, a gravitating scheme with bacterial out-fall works, has just been approved, and the plans are to be submitted to the County Council.

The Power Station and Hempstalls new Sewer continues to work satisfactorily.

I have the honour to be, Gentlemen,

Your obedient servant,

W. E. L. HORNER.

February 25th, 1908.

The following is a list of the names of the persons who have been appointed to the various positions in the Department of the Interior, and who have been sworn in as such.

These persons have been appointed to the various positions in the Department of the Interior, and have been sworn in as such. They are: [List of names]

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