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Contributors

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RURAL DISTRICT OF SOUTH SHIELDS.

THE ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1895.

To the South Shields Rural District Council.

GENTLEMEN,

My Annual Report for the year 1895 will give in an abbreviated form the work done during that time, and the actions taken by myself and the two Sanitary Inspectors for the maintenance of good health in the District.

As in the preceding year I have divided it into four headings.

- (1) Vital Statistics.
- (2) Prevalence of Infectious Diseases, and the measures taken to prevent their spread.
- (3) General Sanitation.
- (4) Sanitary Requirements.

At the end of the Report will be found the Tables A. and B., filled up according to the Directions of the Local Government Board.

The Area of the District in acres is 12,409.

The Estimated Population to the middle of 1895—14,770.

The General Death-Rate of the District is 15·03 per 1,000 Population. This is excluding 10 cases of accidents. Vital Statistics,
etc.

The Infant Mortality being ·97.

The Zymotic Rate is ·6.

The Death-Rate from Phthisis 0·94.

The Birth-Rate is 31·07.

I have omitted purposely in these statistics the population, births and deaths, which have occurred in the Harton Workhouse and Jarrow Fever Hospital, excepting those cases which have been sent in to these Institutions from the South Shields Rural District.

156 cases of Infectious Diseases were notified to me under the Infectious Diseases Notification Act, as against 171 cases in the year 1894. Of these 113 were Scarlet Fever, 22 Enteric Fever, as against 32 in the previous year, 16 Erysipelas, 1 Continued Fever, 2 Puerperal Fever, 1 Membranous Croup, and 1 Diphtheria. Notifications.

During this month 15 cases of Infectious Diseases were notified to me as having occurred in the District. Of these 9 were Scarlet Fever, 3 Erysipelas, and 3 Enteric Fever. Of the Enteric Fever cases, one occurred at the Marsden Houses, one at Boldon Colliery, and one at Whitburn. The case at Marsden Houses probably contracted it from another member of the family, who had just previously been suffering from the same complaint. The case at Whitburn was removed to the Jarrow Fever Hospital, where he died. The surroundings of this house at Whitburn were very insanitary, and reference will be made to it later on in this report. Prevalence of
Infectious Dis-
eases.
January.

Sporadic cases of Scarlet Fever prevailed in the District during the month, 13 cases being reported, all being of a mild type. One case was removed to the Hospital. Four cases of Enteric Fever were reported. Of these two occurred in Fenwick's Row, Boldon Colliery. In each house previous cases had occurred—one twelve months ago, and the other three months ago. In both of these houses I had reason to believe that water six to twelve inches deep was below the flooring. The Inspector, after examination, reported to me that this was the case. In my report of 1894, I advised that steps should be taken to ascertain what houses in Fenwick's Row suffered from this defect, and I again strongly advise that the flooring of all such houses should be taken up, and the ground cemented to prevent this damp, which cannot be healthy; and which is still present. One case occurred at Whitburn, and was probably due to a badly laid drain. This has now been opened up, and properly re-laid. No cause could be assigned for the fourth case, which also occurred at Boldon Colliery. February.

- March.** Scarlet Fever was still prevalent in the District, 11 cases being reported. One of these occurred in a small shop in West Harton. There was no room for properly isolating the case, and as the patient could not be persuaded to go to the Hospital, the shop was closed on my recommendation. One case of Enteric Fever was reported from a house at Whitburn occupied by Tudberry. No distinct cause could be traced, but at the time a drain in the yard was choked up, and this has since been attended to. As the patient's father kept several cows, I ordered them all to be removed from the premises, and no one connected with the house to have anything to do with the milk, utensils, etc. The cows, however, were all sold. Influenza was present in the District this month.
- April.** Three cases of Scarlet Fever were reported, and one case of Enteric Fever at Boldon Colliery.
- May.** Six cases of Scarlet Fever were reported. One case was removed to the Hospital on my recommendation, it having occurred at a greengrocer's shop at Boldon Colliery. The premises were promptly thoroughly disinfected, and no further spread of the disease ensued. One case of Enteric Fever was reported from Armstrong's Buildings, West Boldon.
- June.** Only one case of Scarlet Fever was reported during the month, which was removed to the Hospital. One case of Enteric Fever at Marsden was probably contracted from the father of the patient, he having recently recovered from the disease.
- July.** Two cases of Enteric Fever reported, one at Marsden, probably caused by drinking pit water, and the other at Whitburn.
- August.** One case of Enteric Fever reported from Marsden. Three cases of Scarlet Fever reported.
- September.** Eight cases of Scarlet Fever reported. One case of Enteric Fever again at Marsden Houses. This was probably due to the bad water supply and insanitary surroundings, which have now been remedied.
- October.** Scarlet Fever cases were again on the increase, 23 cases being reported, 14 being from Boldon Colliery. Three cases of Enteric Fever were reported, all being at Boldon Colliery, but none were of normal severity. Two of these cases were probably contracted from a brother living at Westoe, and lying ill of the same complaint.
- November.** Scarlet Fever was again very prevalent, 19 cases being reported. One case of Diphtheria occurred at West Boldon, no insanitary surroundings being present to account for it. The burial of the child took place as soon as it was possible, and the house was thoroughly disinfected.
- December.** Seventeen cases of Scarlet Fever were reported. Whooping Cough and Mumps were also prevalent. Four cases of Enteric Fever were reported, two at Whitburn, one at Marsden, and one at Harton Down Hill Farm. It is doubtful whether the patient at Harton Down Hill actually contracted the disease there, as she had been there only a fortnight. The drains were thoroughly inspected, and the tenant warned as to the condition of his cesspool.
- Summary.** I am pleased to say that the number of cases of Enteric Fever in the district has decreased by 10, as compared with the year 1894. Of the cases reported during 1895, eight occurred at Boldon Colliery, six at Whitburn Village, and five at Marsden. In the year 1894, there were 19 cases of Enteric Fever at Boldon Colliery, and I think that this decrease may certainly be attributed to the improved condition of the streets, and general sanitation at the Colliery.

Scarlet Fever was reported each month of the year, as having occurred in the district. Nearly all the cases were of a very mild type, and this to a great extent accounted for the prevalence of the disease. No doubt there were several cases which passed by unnoticed by the parents. No case of Small-pox was reported. Two cases of Puerperal Fever as against five cases in the preceding year were notified to me.

Appended is a List showing the prevalence of Infectious Diseases notified to me during the year 1895:

Table of
Infectious Dis-
eases Notified
each Month.

JANUARY.	MAY.	SEPTEMBER.
Scarlet Fever..... 9 cases.	Scarlet Fever..... 6 cases.	Scarlet Fever..... 8 cases.
Enteric Fever 3 "	Enteric Fever 1 "	Enteric Fever 1 "
Erysipelas 3 "	Erysipelas 2 "	
	Puerperal Fever 1 "	Total..... 9
Total..... 15	Total..... 10	
FEBRUARY.	JUNE.	OCTOBER.
Scarlet Fever..... 13 cases.	Scarlet Fever 1 case.	Scarlet Fever..... 22 cases.
Enteric Fever 4 "	Enteric Fever 1 "	Enteric Fever 3 "
Erysipelas 4 "		Erysipelas 2 "
	Total 2	Membranous Croup ... 1 "
Total..... 21		Total..... 28
MARCH.	JULY.	NOVEMBER.
Scarlet Fever..... 11 cases.	Scarlet Fever 1 case.	Scarlet Fever..... 19 cases.
Enteric Fever 1 "	Enteric Fever 2 "	Erysipelas 1 "
Erysipelas 1 "		Diphtheria 1 "
Continued 1 "	Total..... 3	
Puerperal Fever 1 "		Total..... 21
Total 15		
APRIL.	AUGUST.	DECEMBER.
Scarlet Fever..... 3 cases.	Scarlet Fever..... 3 cases.	Scarlet Fever..... 17 cases.
Enteric Fever 1 "	Enteric Fever 1 "	Enteric Fever 4 "
Erysipelas 1 "	Erysipelas 1 "	Erysipelas 1 "
Total..... 5	Total..... 5	Total..... 22

GENERAL SANITATION.

I again reported on the very bad state of this house, and its surroundings. The roof is in an exceedingly bad condition, the rain coming through in several places. One room occupied by a married couple I pronounced unfit for habitation owing to insufficient ventilation. The room has since been ventilated and is now habitable. The bathroom roof which let in the rain, and the windows of which were in very bad order, have now been repaired. A new drain is now being laid from the back yard to be connected with the main sewer. The large uncovered ash-pit at the rear of the house should be done away with, and small covered ones substituted.

January.
Nicholson's
Buildings,
West Boldon.

Owing to a case of Enteric Fever having occurred in a house in the yard at the back of the house tenanted by Rowntree, I visited the premises. The tenant's slaughter-house adjoins this house. The slaughter-house at the time of my visit was fairly clean, but the erection was not only used for slaughtering cattle, but also was used as a stable and as a cow-byre. Inside the slaughter-house was a large iron tub, in which the offal, etc., was cast, which eventually was thrown into the ash-pit and allowed to remain there from two to four weeks. Outside, and up against the slaughter-house there was a piggery, and next to that, and a few feet from the slaughter-house was the uncovered ash-pit. In the yard there was a leaky drain covered over by a few planks. The place is now in a much more sanitary state, new drains have been laid, and a privy provided. The slaughter-house is now separated from the hunger house and stable by a wall, and the floor has been cemented. Sufficient ventilation has been provided.

Rowntree's
yard, Whitburn

I reported these two houses as being in very bad repair, and very damp. The spouting was very defective, and there was no roof to the back kitchen and coal-houses. The roofs of the houses were in very bad order, many tiles being off, and the pointing was very defective. Inside the houses were damp. In one room there was over-crowding; this is not the case now. The roof has been patched up, but it requires a great deal more doing to it, and the other defects mentioned have not been remedied.

February.
Coxon's
Property, The
Folly, West
Boldon.

I inspected, and reported upon a house at Harton Village, rented by Mrs. Dryden, belonging to the Ecclesiastical Commissioners, and occupied by P.C. Cooney. The walls were very damp, the windows in the bedroom in a very rotten condition and without several panes of glass. The window cords were broken, consequently the windows were not thrown open. The floor of the bedroom was in very bad condition, and the roof of the house was very shaky and in an unsafe condition. The house has since been thoroughly repaired.

March.
Harton Village.

I inspected a farm at Boldon Colliery, belonging to the Harton Coal Company, and tenanted by Mr. Robinson. The walls of several of the rooms were very damp owing to defective spouting. There were no drains, surface or otherwise, or sink in or about the house. The floor of the downstairs room was in very bad condition, and water is said to lodge beneath it in wet weather. The slops are all thrown on the ground at the back of the house. The out-houses require spouts. The floor of the stable should be repaved, and a channel should be laid to carry away the liquid manure. There is not sufficient light provided. The refuse liquid which comes from the stable and cow-byres owing to lack of proper drainage soaks into the ground in front of the farm, causing practically the formation of a cesspool immediately in front of the house and out-buildings. Nothing has as yet been done.

Farm at Boldon
Colliery.

I inspected the house known as "The Barracks," East Boldon, and reported that the kitchen walls were very damp owing to the yard outside being considerably above the level of the floor of the house. There was also insufficiency of ventilation. The second room occupied as a workshop and bedroom combined has very damp walls. The window is fixed and does not open. The down spout required repairing. The spouts, the yard, and the ground in the back lane all require attention, and more ventilation is required inside the house. The necessary repairs are now being done.

The Barracks,
East Boldon.

I also reported on the second house in The Terrace, East Boldon, occupied by Mr. Elwen. The yard was in an insanitary condition—the lower half required cementing. The ground opposite to the privy and ash-pit had no cement upon it, and Mr. Elwen said, "That in the summer time the liquid from the privy soaks through the wall into this portion of the yard, and causes a very offensive smell, which gave rise to illness of the inmates of the house." I recommended that a proper channel in the yard should be provided to carry away the water flowing away from the wash-house, and that the piece of ground opposite the privy ought to be raised and cemented. The privy walls also required cementing to a height of at least 12 inches to prevent any soakage and percolation taking place. These recommendations have now been carried out.

The Terrace,
East Boldon.

In consequence of a case of Enteric Fever occurring at Eastville House, Whitburn, suspicion was thrown upon the state of a drain at the back of the house. This was opened up, trapped, and relaid.

April.
Eastville House
Whitburn.

I visited the farm occupied by Mr. Handyside, and recommended that some alteration should be made in the plan of the drains about the house, which have now been carried out.

Monkton.

A lack of urinal accommodation at the Lord Nelson Inn was brought before the Council, and a new urinal has since been erected.

I visited four cottages at the East End of the Village adjoining the Post Office, and belonging to John Bowes and Partners. There was only one privy to these four cottages, all of which are tenanted. I recommended that at least one more privy should be provided. Through unavoidable circumstances delay has arisen, but the matter is now in hand, and I expect that a new privy will in a few weeks be added, and that a new covered ash-pit will be substituted for the present large uncovered one.

I also visited a farm at Monkton owned by the Ecclesiastical Commissioners. Here there was a direct communication between the stable and the dwelling-house by means of a doorway. This has since been closed up on my recommendation.

I reported the farm occupied by Mr. Ainsley, at West Boldon, as being in an insanitary condition. New drains have since been laid from the stable and cow-byres, and the number of cows kept has been reduced.

West Boldon.

The River Don.

I visited the River Don, at Hylton Bridge, as I was told that the water was being very much polluted, causing a source of danger not only to the cattle belonging to the neighbouring farms, but also to some of the inmates of the farms who derived their daily water supply from it. I reported the matter to the District Council, who requested the Chester-le-Street Council to provide proper means for its purification, as the pollution arose at Wardley Colliery. The Chester-le-Street Council have promised to have the matter remedied, but it has not been done yet.

May.
Cleadon Lane
Manure Depôt.

In consequence of several complaints about the nuisance arising from this depôt, I advised the District Council to take steps to prevent it. The Railway Company have now promised to stop manure being brought to the depôt during the hot weather.

June.
Cleadon.

I inspected the village ponds at Cleadon and Whitburn respectively, and advised that they should be thoroughly cleansed, which has been satisfactorily done.

The Folly,
West Boldon.

The house known as The Folly, West Boldon, was inspected by myself and the Inspector. The ash-pit and privy are placed beneath the windows of inhabited rooms, and the inmates complained of the bad smell arising from them. Being only 4 feet 9 inches from the building, they are 2 feet 3 inches less than the bye-laws require. I, therefore, advised that new ones should be built further away from the house, but my recommendations have not, so far, been carried out.

July.
Harton Parish
Council.

I received during this month a letter from the Clerk to the Harton Parish Council, complaining of the state of the ash-pits in that parish. I found that in the greater part of that district they were well attended to, but that some ash-pits were at that time over full, which was owing to certain road repairs taking place, and which prevented carts getting to them.

Primrose Hill.

I visited four cottages on Primrose Hill, Hedworth, owing to complaints being made about the drains. I found that the gulleys were in a bad position, three out of the four being beneath the windows of the kitchens. They were, however, trapped. I recommended that they should be placed in the space between the windows, and ventilated by means of shafts. The ash-pit on the north side of the cottages was in bad condition, and required repairing. This has now been done, and it has also been covered, and the recommendation about the gulleys has now been carried out. The privy on the south side was without a roof. This has now been put right. At these cottages I consider that the tenants themselves were much to blame for any smell arising from the drains, as they acknowledged that they omitted to either flush the drains regularly or to prevent them by ordinary care from getting choked up with dirt, etc.

August.

Two new houses built on the Cleadon House Estate, close to the Moor Lane, were occupied before there was a proper water supply for them. The water the tenants were using at the time of my visit was derived from a bricked-in cesspool, and was quite unfit for use. I warned them of the danger of using it, and after my report to the District Council these houses were supplied with water from the Sunderland and South Shields Company's main. The farm-house opposite, tenanted by Simpson, should also be supplied with the same water. At the present time they are daily supplied with water brought from Sunderland in casks.

Accompanied by the Inspector, I visited certain properties in Harton.

Harton.

- (a) At the Post Office, Harton, a small covered ash-pit should be substituted for the existing large uncovered one. Arrangements have now been made for their construction.
- (b) Straker's Buildings.—Here there was a very insanitary midden placed against the wall of the house occupied by John Pounder, which also rendered the house very damp. This has now been done away with, and two small ash-closets substituted.
- (c) Scott's Buildings. These are now in a satisfactory state.
- (d) Alder's Buildings, Harton Green Lane.—A lane in front of these buildings was in very bad order. There were no surface drains, and the ground was very wet and muddy. I recommended that a grate should be placed in the lane, and connected with the main sewer, which could easily be done here. Nothing has yet been done.

Tudberry's yard

The yard behind Tudberry's Farm, West Boldon, and belonging to Mr. Bowman, South Shields, requires that the drain should be attended to, and bricked round to prevent its getting blocked up with refuse, as is constantly the case.

September,
Brockley Whins

Owing to my representation a ditch running beneath the railway viaduct at Brockley Whins has been cleaned out.

Whitemere
Pool.

I am glad to report that owing to the action of the District Council, the cottages at Whitemere Pool, owned by Mr. Burn, have been put in proper repair and are now in a very sanitary condition. A new water supply has also been provided, instead of that derived from the well and pump used up to the present.

Marsden
Houses.

I visited the Marsden Houses, owned by the Harton Coal Company, during this month in consequence of a case of Enteric Fever being reported to me. It was probably caused by the bad water supply. At the time of my visit, however, the Sunderland and South Shields Water Company were laying water pipes to these houses. Now, I have to report that these houses are well supplied with good water. In the house where the fever case occurred there was only one privy, and it was used by 15 persons. There was no sink or ash-pit provided for their use. Nothing has yet been done to remedy this deficiency, and also this house has not a direct water supply for its own use, which should be provided. In the house occupied by Phillips the cellars were in a most insanitary condition, and I recommended that they should be closed, which has now been done. There was a well in the cellar connected with a cess-pool by means of an untrapped drain running just under the floor and giving off a most offensive odour. I recommended that this well should be filled up, and that the drain should be opened up and removed. This has now been done, and the cellar has been closed and also ventilated.

I again reported this farm as being in a very insanitary condition, and the necessary repairs and alterations are now being proceeded with.

October.
Bogmaires Farm

I visited High Simonside Farm, owned by the Ecclesiastical Commissioners, during the month. I reported "That the walls of the dwelling-house were very damp owing to, 1st, that the ground outside is two feet above the floor of the house which ought to be removed, and, 2nd, defective spouting." The privy was against the wall of the house, and its floor should be cemented to prevent percolation of liquid matter.

November.
High Simonside Farm.

Outhouses.—Light, ventilation, cubical capacity, and drainage of cow-byres are very deficient. The floor of the cow-byres required repaving. I am now able to report that the necessary repairs to the house have now been made, and that those to the outhouses will very shortly be commenced.

A house in Harton Village, occupied at the time of my visit by D. Kerr, was in a very unsafe condition and is now being repaired.

Harton Village.

Two houses in Harton Village, owned by Mr. Urwin, South Shields, I reported as being very damp and insanitary. Mr. Urwin has promised to do the necessary repairs, but nothing has been done yet.

I visited the Harton Down Hill Farm, owned by the Ecclesiastical Commissioners, and tenanted by Mr. Snowdon, during this month in consequence of a case of Enteric Fever being reported to me. The patient was a maid servant. It is doubtful, however, whether the fever was contracted on the farm, as the girl's illness commenced very shortly after her arrival. But this is the second case reported from this farm within thirteen months. Although, in the first case, the patient lived on the farm and worked up to the date of his illness every day at Westoe, only returning home in the evening. I found everything in the farm house clean and sanitary. The dairy was perfectly clean, and there was no means of sewer gas escaping into it. Just outside the yard, however, is a large covered bricked-in cesspool, connected with a second cesspool in a field, the connection was untrapped. The first cesspool named required thoroughly cleaning out, as it was very full at the time of my visit. Possibly the state of this cesspool might have caused the infection. The District Council has warned the occupier to see that it is cleaned out regularly, and also oftener. The patient was removed at once to the Fever Hospital, and there has been no further case reported. A new drain also has been laid between the two cesspools and provided with a disconnecting trap. Two cottages at the farm I also visited at the same time. One occupied by Simpson, a byreman, is very damp, owing (1st) to defective spouting, and (2nd) to the ground outside being about three feet above the level of the floor of the house. If these matters were attended to the dampness would probably disappear. There is no sink or drains about the house. The privy and ash-pit are in a very tumble-down condition and too far off the house, and overflowing with refuse matter, the contents of the privy being at the time of my visit three or four inches above the seat. Mr. Snowdon has promised to have this cottage put in a sanitary state. The other cottage, occupied by Bissett, I also visited. Here the ash-pit and privy were in a very bad state and required thoroughly repairing, and also ordinary care and cleanliness to render it more sanitary.

December.
Harton Down Hill Farm.

During the year 1895 a great improvement has taken place in the sanitary condition of Boldon Colliery. Some of the back streets have been paved, footpaths have been made, and several of the roads blocked against vehicular traffic. The yards to some of the houses have been extended down to the privies. If all the yards were so extended there would be a great improvement. Unfortunately owing to the damp situation of the Colliery, and the want of proper surface drainage, the roads will never be anything but wet and muddy in damp weather. There ought to be in the future great care taken by the Colliery owners to keep the footpaths now made in good repair as far as possible, so as to render them fairly dry. Much more might be done there than has been done, but still there is a great improvement now. If the large uncovered ash-pits existing in some of the streets were replaced by covered ash-closets, it would in my opinion be much more sanitary. I should be glad also to see the scavenging done in a more systematic manner, although here again there has been marked improvement.

Summary.

Two houses in Chicks Lane, Whitburn, formerly occupied by Messrs. Young, Longstaff, and Ritchie, have now been closed by order of the District Council.

The bridle path leading from Boldon Colliery Crossing to East Boldon across the fields is in a very insanitary state, the scavenger of the Colliery (Coxon) persists in emptying the ash-pit refuse on it, although he has frequently been warned not to do so.

There have been complaints made about the condition of the ground at Allison's brick yards, Cleadon Lane. I have frequently inspected this property, and I find that suitable means are taken to prevent any nuisance arising therefrom.

The following are the properties which require further attention:—1. Nicholson's Buildings, West Boldon; 2. Coxon's Property, The Folly, West Boldon; 3. The farm at Boldon Colliery, occupied by Mr. Robinson; 4. The Folly, West Boldon; 5. Marsden Houses. Nos. 3 and 5 belong to the Harton Coal Company, and No. 4 is rented by them,

SUMMARY OF INSPECTOR YOUNG'S REPORT.

The scavenging of the Harton portion of the division has been very well attended to during the past year, whilst in Boldon and Boldon Colliery Parishes there has been a very great improvement, more especially at the Colliery, where the small ash-closets have been cleaned out twice a week instead of once, as in former years.

A new sewer has been put in behind The Terrace, East Boldon, and various improvements made to the sewers at West Harton in the streets, which have recently been paved.

Street paving and drainage has also been carried out at Scott's Buildings, Harton Green Lane, and in the back streets of property at West Harton, belonging to Messrs. Symons, Smith, Scott, Isaacs, Stephenson, Dockwray, and Miss Straker.

SUMMARY OF INSPECTOR WELSH'S REPORT.

The roof of the Red House Cottage, near the Blue House Farm, has been put into proper order. Satisfactory repairs have also been carried out at the South Bents Farm, the Cleadon Park Farm, the Little Horsley Hill Farm, and the Wheatall Farm. A new sewer has been laid on the north side of Harton Village, and the house drains, etc., connected with it.

Six new privies have been built to Mr. Dee's property in Cleadon; the scavenger attends to them weekly. At a house in the North Road, Whitburn, two new privies have been built to replace the former ash-pit and privy. The drains to the house at Whitburn occupied by Mr. Welford, and owned by Mr. Tinkler being very defective have now been laid satisfactorily.

The scavenging work in Whitburn Village has been fairly well done; the same may be said for the rest of the district.

Nineteen Cowsheds and Dairies in the district have been visited, all of which have been found clean. Four privies have been built to Mr. W. A. Hutchinson's property in Whitburn, and the defective ash-pit and privy removed.

SANITARY REQUIREMENTS.

The covering and cementing of the large open ash-pits and privies at Boldon Colliery, or better still, their removal for smaller ones of more modern construction.

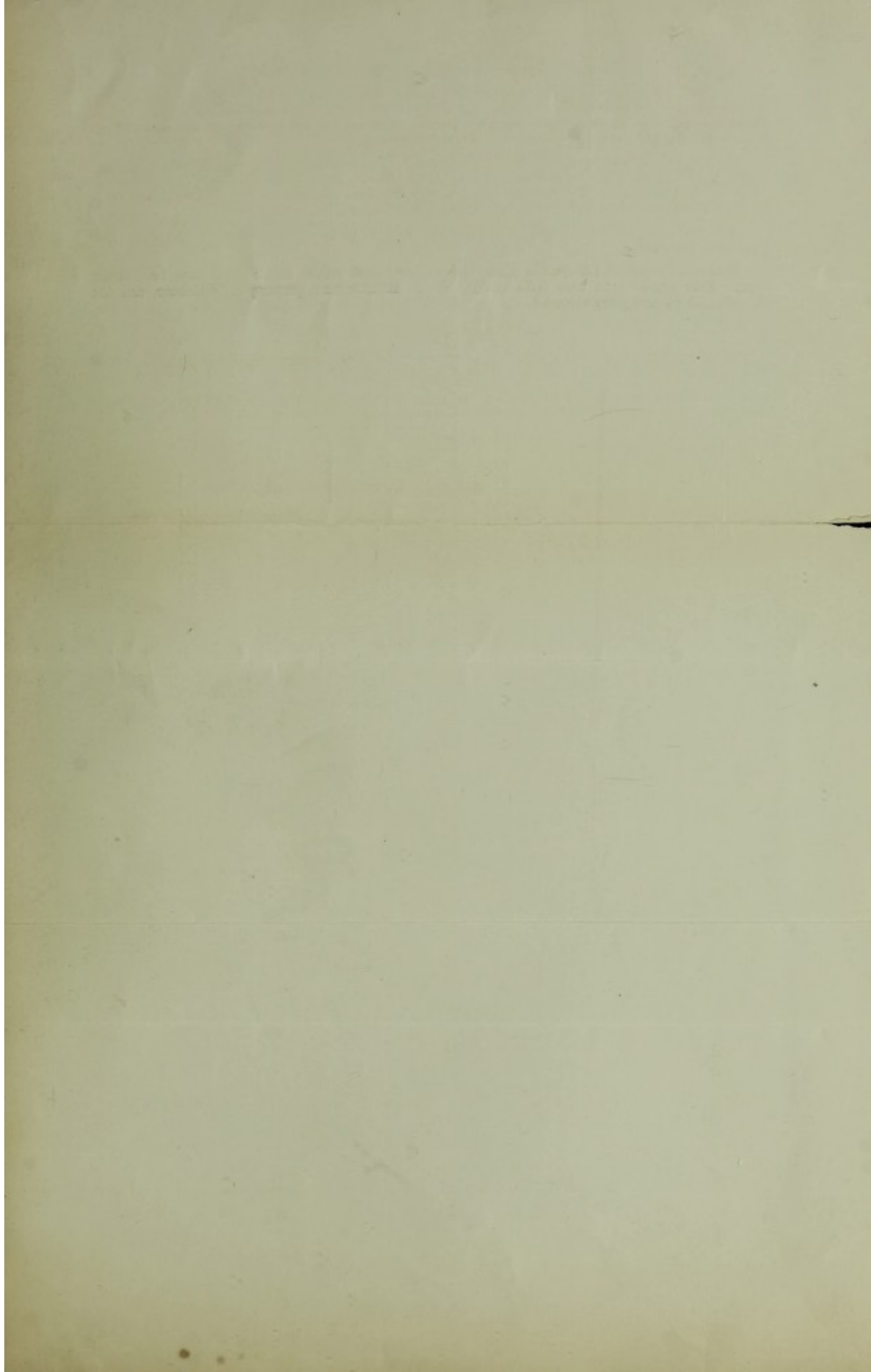
To further increase the efficiency of the Scavenging at Boldon Colliery, it appears to be desirable that a more satisfactory method for disposing of the refuse should be adopted.

I am, Gentlemen,

Faithfully yours,

WILLIAM ARMSTRONG, L.R.C.P., &c.

Medical Officer of Health.



*To the Medical Officer
of the 1st Cavalry.*

RURAL DISTRICT

OF

South Shields.



MEDICAL OFFICER'S

ANNUAL REPORT,

1895.