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HEALTH
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SAMFORD RURAL DISTRICT COUNCIL

ANNUAL REPORT OF THE

PUBLIC HEALTH INSPECTORS

FOR THE YEAR 1956



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SAMFORD RURAL DISTRICT COUNCIL.

North Lodge,
25, London Road,
IPSWICH.

Madam Chairman,
Ladies and Gentlemen,

During the year 1956, the major proportion of Stage III of the Regional Water Scheme was completed. Stage III included the construction of the Treatment Works, one reservoir and three water towers, and fifty-three miles of new mains of varying sizes. The climax of all this coordinated endeavour came on the 25th of July, when the Treatment Works were declared open. I take this opportunity of acknowledging the work (under the Consulting Engineers) of Mr. Johnson and Mr. Frazer who gave much time and thought to the interpretation of the plans, specifications and bills of quantities so that buildings above ground and works beneath, might be a proper expression of the Engineer's intent. The work of Messrs. Emmerson and Simpson in supervising and testing water mains and of Mr. Dale who tested and recorded hundreds of water services, should also receive the notice it deserves.

Now that practically the whole of the area is supplied with mains water and people begin to enjoy it liberally, old nuisances become aggravated and new ones appear and the emphasis for betterment is on systems of sewerage for the removal of waste water. Particularly are such schemes needed in parishes where there are extensive levels, slow ditches and heavy clay soil. In the easternmost parishes where the sub-soil is drift, the problem is not so acute and a good septic tank and soakaway fulfil their function over fairly long periods without attention.

The section of this report dealing with food inspection, refuse collection and disposal and pest destruction are contributed by Mr. Brown. Information on building development has been provided by Mr. Pope. I have pleasure in acknowledging the unstinted help of members of the Public Health Staff and the cooperation of other departments.

I am,

Your obedient servant,

J. W. GOOD, M.I.P.H.E., A.R.S.H.

REPORT ON THE PROGRESS OF THE WORK

North Lodge,
25, London Road,
LONDON.

London Chairman,
Ladies and Gentlemen,

During the year 1956, the major projects of Stage III of the Regional Water Scheme were completed. Stage III included the construction of the treatment works, one reservoir and three water towers, and fifty-three miles of new mains of varying sizes. The object of all this construction was to provide water of a high standard of purity and quantity to the homes and businesses of the area. I have the opportunity of today, when the treatment works were handed over, to report on the progress of the work (under the General Manager) of the London and the South Eastern Water Board in carrying out the programme of the plan. The Board was made up of representatives of the Government of the day, and of the public, and it is a pleasure to report that the Board has done well in its work. It has been a year of progress and the Board has done well in its work. It has been a year of progress and the Board has done well in its work. It has been a year of progress and the Board has done well in its work.

Now that practically the whole of the area is supplied with clean water and people begin to enjoy it fully, it is necessary to consider the future of the scheme and the capital for the treatment works. It is necessary to consider the future of the scheme and the capital for the treatment works. It is necessary to consider the future of the scheme and the capital for the treatment works. It is necessary to consider the future of the scheme and the capital for the treatment works.

The success of this report during this first inspection, various collection and disposal and good construction as mentioned by Mr. Brown. Information on building development has been provided by Mr. Pope. I have pleasure in reporting the unstated help of members of the Public Health Staff and the cooperation of other departments.

I am,

Yours obedient servant,

A. W. GOR, M.P., M.B.E., A.R.S.M.

1. WATER SUPPLIES - Sufficiency and purity.

With the completion of most of Stage III of the Regional Scheme comparatively few properties are dependent upon privately owned sources of supply. Such supplies (usually shallow wells) have been sufficient quantitatively for the households dependent upon them but they are always of suspected purity.

A small number of properties have not been connected to the public mains despite the offer of a free connection pipe.

2. Redundancy of small water undertakings.

The following public and housing site supplies have become redundant and have been closed down, and the pumping equipment sold.

No.	Name of Undertaking	Nature of source	Remarks
1.	Sproughton waterworks	Borewell	Pumps sold and Borewell plated over.
2.	East Bergholt waterworks	Borewell	Pumps sold and Borewell plated over
3.	Washbrook Housing Site	Borewell	Pumps sold and Borewell plated over
4.	Hintlesham Housing Site	Borewell	Pumps sold and Borewell plated over
5.	Harkstead Housing Site	Borewell	Pumps sold and Borewell plated over
6.	Stutton Housing Site	Shallow well	Pumps sold
7.	Capel St. Mary Housing Site	Shallow well	Pumps sold
8.	Bentley Housing Site	Shallow well	Pumps sold
9.	Tattingstone Housing Site	Borewell	Pumps sold and Borewell plated over.

Redundancy of Small Water Undertakings (continued).

- | | | | |
|-----|---------------------------------|--|--|
| 10. | Freston and Wherstead Supplies. | Temporary supplies from privately owned springs. | These have been replaced by the Regional supply. |
| 11. | Chelmondiston and Shotley. | Bulk supply from Ipswich Corporation Waterworks. | -do- |

2. PUBLIC SUPPLIES (For analyses of public supplies see Appendix 1).

The public supplies are analysed quarterly and the results are as follows:-

Name of supply.	Result.	Remarks.
Freston	No evidence of harmful pollution.	
Raydon	Very satisfactory.	
Great Wenham	Very satisfactory.	
Sproughton	Very satisfactory.	
Great Wenham	Very satisfactory.	
Great Wenham	Very satisfactory.	

3. PUBLIC SUPPLIES Continued.

Name of supply	Result	Remarks
Wherstead	Very Satisfactory	
Great Wenham	Very Satisfactory	
Holbrook	Satisfactory	
East Bergholt	Satisfactory	
Great Wenham	Very Satisfactory	
Sproughton	Very Satisfactory	
East Bergholt	Unusual plate count at blood heat	To be resampled
Raydon	Satisfactory	
Freston	Very Satisfactory	
Holbrook	No evidence of harmful pollution	
Wherstead	No evidence of harmful pollution	
Regional supply	Very Satisfactory	
Regional supply	Very Satisfactory	

3.

2. PUBLIC SUPPLIES. Continued.

Name of supply	Result	Remarks
Sproughton	Unsatisfactory	To be resampled
Freston	Unsatisfactory	Chlorine to be increased
East Bergholt	Satisfactory	
Whorstead	Satisfactory	
Regional supply	Satisfactory	
Regional supply	Satisfactory	
Regional supply	Satisfactory	
Regional supply	Satisfactory	
Regional supply	Satisfactory	
Regional supply	Satisfactory	
Regional supply	Satisfactory	
Sproughton	Unsatisfactory	
Great Wenham	Satisfactory	
Regional supply	Satisfactory	
Regional supply	Satisfactory	
Regional supply	No evidence of harmful pollution.	

4.
3. PRIVATE SUPPLIES.

Fourteen private supplies sampled during the year were satisfactory. The following list is of those which were unsatisfactory and indicates the action taken to improve them.

Date of sampling	Location of supply	Nature of supply	Result of Analysis	Remarks
4.1.56	Poplar Farm, Copdock	Borewell	Poor on Coliform	Owner informed of result
27.3.56	Needle Corner Harkstead	Shallow well	High plate counts	To be resampled
30.8.56	Warren Cottage Erwardon	Shallow well	Very Unsatisfactory	To be connected to the public main.
4.9.56	Spider Hall Lower Raydon	Shallow well	Dreadful	Miss Stoney informed of the result.
4.9.56	Spider Hall	Shallow well	Very Unsatisfactory	Miss Stoney informed of the result.
8.11.56	Mill Cottage Chelmondiston	Shallow well	Very Unsatisfactory	To be connected to the public main.

4. NUMBER OF WATER CONNECTIONS TO PUBLIC MAINS.

The number of new properties supplied with water from publicly owned sources during the year is shown, parish by parish, below and includes Council built houses

Parish	Type of supply	
	Domestic	Metered, etc.
Belstead	26	-
Bentley	91	5
Brantham	58	4
Burstall	29	-
Capel St. Mary	102	-
Chattisham	17	-
Chelmondsiton	13	1
Copdock	60	-
East Bergholt	56	9
Erwarton	13	2
Freston	3	3
Harkstead	48	3
Higham	6	-
Hintlesham	63	-
Holbrook	102	-
Holton St. Mary	23	2
Raydon	38	2
Shelley	-	1
Shotley	21	-
Sproughton	27	-
Stratford St. Mary	3	-
Stutton	60	4
Tattingstone	77	3
Washbrook	35	1
Wenham Magna	-	-
Wenham Parva	3	-
Woolverstone	-	-
Wherstead	52	-
Total:	1026	40

5. Continued.

The total number now receiving such piped supplies in the area is 3,133 domestic users, 135 metered users, as given below.

Parish	Type of supply	
	Domestic	Metered, etc.
Belstead	26	-
Bentley	103	5
Brantham	384	13
Burstall	29	-
Capel St. Mary	131	4
Chattisham	17	-
Chelmondiston	175	8
Copdock	60	-
East Bergholt	486	33
Erwarton	29	3
Freston	27	5
Harkstead	66	3
Higham	50	7
Hintlesham	92	-
Holbrook	234	-
Holton St. Mary	36	3
Raydon	106	8
Shelley	6	2
Shotley	305	7
Sproughton	160	4
Stratford St. Mary	138	6
Stutton	193	11
Tattingstone	94	4
Washbrook	62	1
Wenham Magna	52	7
Wenham Parva	3	1
Wherstead	68	-
Woolverstone	1	-
Total: 3133		135

6. PREVENTION OF WELL WATER CYANOSIS.

The following table shows the number of notifications received from the East Suffolk County Council of expected births during the year. Where the persons concerned are not supplied by the public mains the supply is analysed for nitrate content and if the result is unsatisfactory, notification is sent of the nearest available source of a safe supply.

Month	No. of Notifications	No. supplied by public mains	No. proved safe.	No. proved unsafe.
January	10	7	2	1
February	9	8	-	1
March	29	18	7	4
April	12	9	3	-
May	23	17	5	1
June	18	15	1	2
July	14	7	6	1
August	-	-	-	-
September	19	17	11	1
October	13	11	1	1
November	23	20	3	-
December	19	16	3	-
Total:	189	145	32	12

7. SEWERAGE AND SEWAGE DISPOSAL.

(a) Shotley A full years working has emphasised the inadequacy of the six sludge beds to deal with the weekly discharge of sludge and be ready and cleaned of dried sludge to receive another application on the 7th week of the cycle. In the near future, it is proposed to divide each of the six beds into two equal parts, under drain them, and reduce the thickness of media, so that each bed can be operated on a 12 week cycle.

(b) Brantham Because of the projected improvement of the road A 137 between the corner of Slough Road and the top of Brantham Hill, the Ministry of Housing and Local Government gave consent to sewers and rising main under this section of road to be laid and also the section of sewer (which can be used at once) from the top of the hill to the sewers from Palfrey Heights and 60 more dwellings will be able to connect.

The factories of Messrs. B.X. Plastics and Bexford Ltd. were connected and their domestic waste is now pumped to the works.

Statement of Existing sewage works.

The following is a list of works of sewerage and sewage disposal now functioning in the area. Some are village or part village schemes, some are post war housing estates.

Parish	Type of Scheme	Remarks
Bentley	Housing Site Scheme	Primary and secondary tanks, with two filter beds.
Brantham	Part village scheme	The works comprise settlement tanks, storage tanks and sludge beds. Sewers from New Village, Cattawade, Palfrey Heights and part of village.
Capel St. Mary	Housing site scheme	Primary and secondary tanks with one filter bed for twenty-two dwellings.
Chelmondiston	Housing site scheme	The works comprise primary and secondary tanks and filter beds. The sewers will form part of the village scheme when this is carried out. A humus tank has been added to reduce stream pollution.
Copdock and Washbrook	Housing site scheme	The primary settlement tank and following liquid tank are sited with a small pumping station which raises the effluent to the more remote filter beds and humus tank.

7. Statement of existing sewage works, Continued.

Parish	Type of scheme	Remarks
East Bergholt	Housing site scheme	The works comprise screening chamber, primary and secondary tanks and two filter beds.
Erwarton	Housing site scheme	The works comprise settlement tank, filter bed, humus tank with outfall pipe to ditch.
Harkstead	Housing site scheme	The works comprise screening chamber, settlement tank, two filter beds, humus tank, sludge beds and sludge liquor surp.
Hintlesham	Housing site scheme	Primary and secondary tanks, with filter bed in parallel.
Holbrook	Part village scheme	The sewers only form part of the village scheme. The works are temporary to deal with the effluent from the housing site and secondary modern school.
Shotley Gate	Part village scheme	Simple screening chamber with estuary outfall to River Stour.
Shotley	Village scheme	Screening and sedimentation with outfall to the River Orwell
Stratford St. Mary	Housing site scheme	The sewage from the twenty-two houses is lifted to a remote works by an ejector, housed sixteen feet underground. The works comprising primary and secondary tanks with one filter bed, are to be enlarged to comply with requirements of the Essex River Board.
Raydon	Housing site scheme	Comprising settlement liquid tank and pump house on the site. The liquid effluent being pumped to remote filter beds through a 2" diameter asbestos cement main.
Tattingstone	Housing site scheme	Settlement with remote filter bed and soakaway.

7. Statement of existing sewage works, continued.

Parish	Type of scheme	Remarks
Great Wenham	Part village scheme	This large works was built to serve the living quarters of the Raydon Airfield. It is hoped that the Rural District Council will be able to take this over for the ultimate treatment of sewage from the village of Capel St. Mary. In the meantime, the works is used by the Council's housing estate and a few private dwellings.
Stutton	Housing site scheme	Simple septic tank with disposal to the tidal estuary of the River Stour

8 HOUSING AND GENERAL PUBLIC HEALTH WORK.

(a) Housing.

The following table gives a synopsis of housing work carried out during year:-

Preliminary inspections	81
Informal notices served	13
Statutory notices served	1
Cases of overcrowding	-
Reinspections	63
Informal notices complied with	9
Statutory notices complied with	-

(b) Work carried out

Roofs repaired	5
Chimney stacks repaired	-
Eaves guttering and/or downpipes repaired or renewed	2
External walls repaired	4
Windows repaired or renewed	3
Floors repaired or renewed	4
Internal walls repaired	3
Ceiling repaired	2
Damp conditions abated	10
Fireplaces repaired or renewed	-
Cooking ranges repaired or renewed	2
Closets provided	-
Houses provided with a piped supply of water	1026

Complaints

Public Health	23
Housing	16
Water	2
Sewerage	2
Nuisances notified	66
Nuisances abated	6
Infectious disease visits	63
Factories and Workshops inspections	33
Premises disinfected	6

Water Sampling

Public supplies	41
Housing site supplies	11
Private borewells	17
Private shallow wells	12

Water sampling - continued.

Spring supplies	1
Waterworks inspections	190
Inspecting and/or testing new water services	1026
Inspecting and/or testing new water mains	94

Sewerage

Visits to housing site schemes	137
Visits to village schemes	67

New Housing Development.

Number of new houses completed:-

(1) Council houses	30
(2) Private enterprise	40
Number of houses owned by the Authority	616
Temporary prefabricated bungalows	40
Number of new houses built by farmers and landowners for their workmen.	6
Number of new houses improved with the aids of grants	20

2. FOOD AND DRUGS ACT, 1955

(Paragrap 8, Circular 42/51)

1. Meat Inspection.

(a) The owners of the two licensed slaughterhouses in the District have not made use of their facilities during the year. Labour, and other difficulties made it impossible for them to operate. The remaining butchers in the district have been able to meet their requirements by purchasing "off the hook", either at Ipswich or Colchester.

(b) The inspection of meat at the Ipswich Industrial Co-operative Society's slaughterhouse at Boss Hall, continues to be carried out, by arrangement with the Ipswich County Borough Council, on their behalf, by Mr. W.L. Brown. The following animals were killed and inspected there during the year:-

4,676 cattle (excluding cows), 243 cows, 59 calves, 2,522 sheep and lambs, and 5,839 pigs.

The particulars of the kill and the quantities of material condemned as unfit for human consumption have been forwarded regularly to the Chief Public Health Inspector, Ipswich County Borough Council and have been included in the annual statistics for the Borough.

9. Food. (Paragraph 4, Circular 19/56.)

(1) The number of food premises, by type of business, in the District.

(2) The number of visits made.

No. of Premises	Type	No. of visits	Defects found	Defects Removed
5	Bakehouses	19	4	4
13	Butchers shops and vans	77	6	5
15	Cafes and Restaurants	19	2	1
5	Fish Fryers	10	1	1
47	Grocers shops	94	10	7
45	Ice-cream premises	80	3	3
50	Licensed premises	6	-	-
15	Milk distributors etc.	41	3	3
3	Slaughterhouses	645	4	4
1	Knackers Yards	6	2	2

(3) Number of premises registered under Section 16, Food and Drugs Act, 1938.

Preparation and making of sausages	2
Storage and sale only of Ice-cream	45
Number of Dairies registered under Milk and Dairies Regulations, 1949	3

(4) Method of disposal of condemned foods.

(a) All foodstuffs condemned during the year were disposed of either by incineration or burial.

(b) Foodstuffs condemned as unfit for human consumption during 1956.

377 lbs. Home killed beef	7 lbs. Pork sausages
19 lbs. Home killed pork	410 lbs. Corned Beef (75 tins)
82 lbs. New Zealand Lambs' carcasses	94 lbs. Luncheon meat (28 tins)
	15 tins various foodstuffs

9. Continued.

5. Milk production and distribution.

The responsibilities of the Council under the various provisions of the Milk and Dairies Regulations have been carried out during the year. Forty one visits in connection with distribution and production of milk in the district have been made. Three cases of dirty conditions during transport to the general public were found and removed.

The remaining work entailed has been confined to the issuing of licences to the various distributors of milk in and around the district.

6. Ice-cream (Heat Treatment etc.) Regulations 1947-52

There is one manufacturer of Ice-cream in the district. The bacteriological and other reports have been consistently good during the year.

7. Food Hygiene Regulations, 1955-56

135 visits have been made to various food premises under the provisions of these Regulations during the year.

The deficiencies found and remedied are annotated in the table dealing with food premises in the district, which precedes this comment.

10. Refuse and Salvage Collections.

(a) Collection of household refuse.

The collecting schedules for each parish have remained unaltered during the year. The more densely populated parishes have been visited weekly and the remainder fortnightly.

The 'kerbside' system of collection is still in force. Occasionally, this system is objected to by new residents in the district, but as the large majority of the householders accept this method of collection in preference to the more expensive 'back-door' collection, these objections are invariably withdrawn.

Special arrangements are made to assist the elderly and infirm with their dustbins. These arrangements are normally carried out on the recommendation of the parish Council concerned, or the local representative on the district council.

The labour force has remained at seven men during the year. The average weekly man-hours spent on collection and disposal and salvage operations was 45 as against the National Joint Council's weekly scale of 44.

360 visits and inspections have been made during the year in connection with complaints and various matters relating to the service.

35 visits have been made in connection with the Hire of Dustbins Scheme.

(b) Disposal of household refuse.

The disposal of household refuse has been carried out by controlled tipping at Stratford St. Mary, Chelmondiston and latterly at the new site at Station Farm, Bentley. The amount of refuse and salvage disposed of during the year was approximately 4,040 tons, as compared with 3,930 tons in 1955, an increase of 110 tons.

138 visits have been made to the tips for various purposes during the year.

6 accumulations of miscellaneous rubbish have also been removed from various parishes during the year.

In the middle of the year, it was found necessary to report to the Council that for a number of reasons, the task of keeping the refuse tips in the manner recommended by the Ministry of Health was becoming virtually impossible. To illustrate: one of the problems confronting the Council was the ever-increasing volume of refuse to be disposed of each year. In 1947, the first year of collection, the annual tonnage was 600 tons, 8 years later it had multiplied nearly 7 times to 3,930 tons. The aggravation of an inadequate labour force also contributed to the problem. It was finally agreed to purchase a mechanical aid; that is, a tractor, with the necessary attachments for levelling and covering the refuse. This aid has been in operation for four to five months now and already it has proved itself to be the answer to the problem.

(c) Vehicles.

The Council's vehicles have remained at three freighters (one in reserve) and an open lorry during the year. Except for the usual run of repairs and maintenance, there is little to record. The average miles done per gallon was 7.1 and the average miles done per load of refuse was 16.3. These figures compare favourably with the previous years at 7 and 16.4 respectively.

(d) Salvage collections.

The following table shows quite clearly that the collection of salvageable materials in the district has maintained its high level during 1956.

The amount of waste paper actually sold during the year would have been much higher if it had been possible for the Board Mills to take all the paper collected. Unfortunately, for all, it was found necessary to submit to a 'quota' system during the latter half of the year. As a result of this, something like 25 tons had to be burnt or dumped into the tips - a loss to the Council of over £125.

It is hoped that next year will see the end of this wasteful procedure. It should be recorded that the continued support of the householders, shopkeepers, farmers and occupiers of industrial premises, allied to the good work of the refuse collectors has made this year one of the best recorded, and great credit is due to all concerned for an excellent years collection.

(d) Salvage collections continued.

The following table shows, in detail the tonnage of the various items of salvage collected, and the price realised during the year, 1956. The 1955 figures are shown at the side for comparison.

	1956			1955		
	tons.	cwts.	£ s. d.	tons.	cwts.	£ s. d.
Fixed papers	86	5	616 9 3	96	10	758 16 -
Newspapers	57	2	575 15 3	48	9	500 18 9
Fibre Board Containers	31	8	302 9 10	33	3	318 14 8
Heavy Scrap iron	15	11	80 16 -	23	10	86 2 -
Light Scrap iron	38	12	39 8 3	33	2	33 2 -
Brass	-	4	5 13 10	-	5	9 2 5
Aluminium	-	4	2 16 8	-	7	6 16 9
Rags	2	10	55 16 3	3	12	83 3 4
Packing	1	8	8 6 5	1	16	10 16 5
String	-	2	1 5 7	-	8	1 13 9
Tyres	1	11	3 3 -	-	-	- - -
Stock	11	-	83 4 -	-	5	2 5 -
Total:	245	17	£1775 4 4	241	7	£1811 11 1

11. Rodent Control.

The prevention of Damage by Pests Act, 1949.

The Council's full time Rodent Officer, has carried out, very satisfactorily the Local Authority's statutory obligations as laid down in this act, during the year, 1956.

The following table shows, in detail, the amount of work done by Mr. A. H. Cresswell. I would like to place on record my appreciation of the efficient and workmanlike manner in which he has carried out these duties during the year.

	<u>Private Premises</u>	<u>I/A. Premises</u>	<u>Business Premises</u>	<u>Agric. Premises</u>	<u>Total</u>
1. <u>Infestations notified</u>					
a) Owner or occupier	33	-	6	4	43
b) Otherwise	-	-	-	-	-
c) Survey	447	65	51	61	624
2. <u>No. of visits to infested premises</u>	2027	432	105	128	2692
3. <u>Degree of infestation</u>					
a) Major	15	6	-	-	21
b) Minor	214	35	17	24	290
c) Mice	25	2	-	2	29
4. <u>No. of premises treated and cleared</u>	226	43	10	12	291
5. <u>No of premises under treatment</u>	-	-	-	-	-
6. <u>Kill.</u>					
a) Estimated	1148	637	56	370	2211
b) Pick up	377	158	12	146	695
c) Mice	144	6	20	-	140

APPENDIX I

The following are copies of analyses, one for each of the public water supplies.

WATER

BACTERIOLOGICAL EXAMINATION REPORT.

Authority or sender: Sanitary Inspector,
Samford R.D.C.

Lab. ref. 507
Senders ref. 646

Nature of sample:

Freston Public supply.

Spring water taken from tap at The Street, Freston.

Date and hour of collection: 10.4.56 12.30. hrs.

Date and hour of arrival: 10.4.56 15.00. hrs.

REPORT

Date of report 13.4.56

Plate count. Yeastrel agar 2 days 37°C. aerobically.....	2	per ml.
" " " " 3 " @ room temperature,	14	per 100 ml.
Probable number of coliform bacilli, MacConkey 2 days, 37°C.	0	per 100 ml.
" " " faecal coli		per 100 ml.

Other examinations.

Remarks

Bacteriological findings very satisfactory.

P. H. MARTIN.

M.O. i/c. P.H. LABORATORY.

WATER

BACTERIOLOGICAL EXAMINATION REPORT.

Authority or sender: Sanitary Inspector,
Samford R.D.C.

Lab. ref. 245
Sender's ref. 631

Nature of sample:

Spring water from Tap, School Cottages, Wherstead,
(Wherstead Public Supply)

Date and hour of collection 5.1.56 12.25 hrs.

Date and hour of arrival 5.1.56 17.30 hrs

REPORT

Date of report 9.1.56

Plate count. Yeastrell agar 2 days 37°C. aerobically0.....per ml.
" " " " 3 " @ room temperature2.....per ml.
Probable number of coliform bacilli,
MacConkey 2 days, 37°C0 per 100 ml.
" " " faecal coli per 100 ml.

Other examinations

Remarks

Bacteriological findings very satisfactory.

P.H. MARTIN,
M.O. i/c. P.H. Laboratory.

WATER

BACTERIOLOGICAL EXAMINATION REPORT.

Authority or sender: Sanitary Inspector
Samford R.D.C.

Lab. ref. 271
Sender's ref. 626

Nature of sample:

Water from Bore, sample from Sproughton,
Public Supply - Tap, Chantry Row, Sproughton.

Date and hour of collection 6.1.56 10.30 hrs.

Date and hour of arrival 6.1.56 16.15 hrs.

REPORT

Date of report 9.1.56.

Plate count. Yeastrel agar 2 days 37°C. Aerobically 7per ml.
" " " " 3 @ room temperature 3per ml.
Probable number of coliform bacilli,
MacConkey 2 days, 37°C. 0per 100 ml.
" " " faecal coli 7per 100 ml.

Other examinations

Remarks

Bacteriological findings very satisfactory.

P. H. MARTIN

M.O. i/c. P.H. Laboratory.

WATER

BACTERIOLOGICAL EXAMINATION REPORT

Authority or sender: Sanitary Inspector,
Samford R.D.C.

Lab. ref. 5041
Sender's ref. 638

Nature of sample:

Raydon Airfield Supply.

Bore water taken from tap at Great Wenham Housing Site

Date and hour of collection 9.4.56 12.00 hrs.

Date and hour of arrival 9.4.56 16.00 hrs.

REPORT

Date of report 12.4.56

Plate count Yeastrel agar 2 days 37°C. aerobically 11per ml.
" " " " 3 " @ room temperature 2per ml.
Probable number of coliform bacilli, MacConkey 2 days 37°C 0per 100 ml.
" " " faecal coliper 100 ml.

Other Examinations

Remarks

Bacteriological findings very satisfactory.

P. H. MARTIN

M.O. i/c P.H. Laboratory.

WATER

BACTERIOLOGICAL EXAMINATION REPORT

Authority of sender: Sanitary Inspector
Samford R.D.C.

Lab. ref. 266
Sender's ref. 621

Nature of sample:

Water from Raydon Public Supply (Treated River Water)
Sample from Tap, Council Housing Site, Raydon.

Date and hour of collection 6.1.56 11.15 hrs.
Date and hour of arrival 6.1.56 16.15 hrs.

REPORT

Date of report 9.1.56

Plate count. Yeastrel agar 2 days 37°C. aerobically 0 per ml.
" " " " 3 " @ room temperature..... 0 per ml.
Probable number of coliform bacilli,
MacConkey 2 days, 37°C 7 per 100 ml.
" " " faecal coli 7 per 100 ml.

Other Examinations

Remarks

Bacteriological findings very satisfactory

P. H. MARTIN

M.O. i/c. P.H. Laboratory.



WATER

BACTERIOLOGICAL EXAMINATION REPORT

Authority or sender: Sanitary Inspector,
Samford R.D.C.

Lab. ref. 953
Sender's ref. 636

Nature of sample:

Water from Bore, sample taken from
East Bergholt Public Supply - Burnt Oak Corner, East Bergholt.

Date and hour of collection 24.1.56 15.15 hrs.

Date and hour of arrival 24.1.56 16.40 hrs.

REPORT

Date of report 27.1.56

Plate count. Yeastrel agar 2 days 37°C. Aerobically	3	per ml.
" " " " 3 " @ room temperature	20	per ml.
Probable number of coliform bacilli, MacConkey 2 days, 37°C	1	per 100 ml.
" " " faecal coli	0	per 100 ml.

Other examinations

Remarks

Bacteriological findings satisfactory.

P. H. MARTIN

M.O. i/c. P.H.Laboratory.

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SAMFORD RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the

YEAR 1956

To the Chairman and Members of the Council,
Members Gentlemen, Ladies and Gentlemen,
I have the honor to present the Annual Report of the Medical Officer of Health for 1934.
The enclosed comprises a summary of the work done during the year.
I have the honor to be, Sir, your obedient servant,
PUBLIC HEALTH OFFICERS OF THE AUTHORITY

Miss Kathleen M. Harding	...	Medical Officer of Health
M.D., D.P.H., A.K.C.		
Mr. J. W. Good		Public Health Inspector and
A.R.S.I., M.I.San.E., M.S.I.A.		Water Engineer
Mr. W. L. Brown	... ..	Additional Public Health Inspector

The cases of Typhoid Fever reported. They were diagnosed by the Health Department as contacts of a case that had occurred in this local district. They were admitted to hospital and their families advised about the necessary precautions to be taken to avoid the spread of infection. In a family a widespread outbreak of this disease was avoided.

The source of the infection was believed to have been a contaminated tin of condiments. The Department investigated other suspected sources of infection and carried out the necessary disinfection of the house where the cases had occurred.

Other facilities for the disinfection of houses were completed and brought into use. As a result in the Council a measure to provide a safe and wholesome water supply for the district. Further details will be found in the report of the Chief Public Health Inspector.

I should like to express my thanks to the Officers and staff of the Council, particularly the Public Health Inspectors Mr. Good and Mr. Brown, for all their assistance during the year under review. I am also indebted to Mr. Gilbert who has very kindly helped me in the preparation of this report.

Yours faithfully,

K. M. Harding
Medical Officer of Health

To the Chairman and Members of the Council.

Madam Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for 1956.

Vital Statistics: The estimated population remains almost stationary. The Standardised Birth Rate (17.92) has fallen but it is still above the Rate for England and Wales (15.7).

Eight children under the age of one died, compared with six in the previous year. This has caused the Infant Mortality Rate to rise from 26.2 to 34.63

This year, for the first time, the Registrar General had made an adjustment in the comparability factor to allow for the added number of deaths which are included in our returns as the result of having a chronic sick hospital for elderly people in this Rural District. As a result the Standardised Death Rate has decreased from 9.79 to 8.38.

Infectious Diseases: Two cases of Paratyphoid Fever occurred. They were discovered during a routine follow-up by the Health Department of contacts of a case that had occurred outside this Rural District. They were admitted to hospital and their families advised about the necessary precautions to be taken to avoid the spread of infection. As a result a widespread outbreak of this disease was avoided.

Four cases of Typhoid Fever occurred. They were all members of one family. The source of the infection was believed to have been a contaminated tin of foodstuff. The Department investigated other suspected sources of infection and carried out the necessary disinfection of the house where the cases had occurred.

Water Supplies: The new waterworks at Raydon were completed and brought into use. This is a landmark in the Council's endeavours to provide a pure and wholesome water supply for the District. Further details will be found in the report of the Chief Public Health Inspector.

I should like to conclude by thanking the Officers and staff of the Council, particularly the Public Health Inspectors Mr. Good and Mr. Brown, for all their assistance during the year under review. I am also indebted to Mr. Gilbert who has very kindly helped me in the statistical calculations involved in the preparation of this report.

I am,
Yours faithfully,

K.M. Harding

Medical Officer of Health.

1. GENERAL STATISTICS

Area	...	...	...	...	...	...	...	45,029 acres
Estimated Population (Registrar General's figures)	...	...	...	...	...	...	...	16,110
Inhabited houses	...	...	...	...	...	...	...	£4,550
Rateable value	...	...	...	...	...	...	...	£128,669
Sum represented by a penny rate	..	...	...	...	...	...	...	£600

2. VITAL STATISTICS

Live Births

	M.	F.	Total
Legitimate	113	108	221
Illegitimate	6	4	10
	<hr/>	<hr/>	<hr/>
	119	112	231

Crude Birth Rate per 1,000 population (Samford)	14.34
Comparability factor	1.25
Standardised Birth Rate =	
Crude rate x Comparability factor	17.92
Live Birth Rate - England and Wales	15.7

Still Births

	M.	F.	Total
Legitimate	1	1	2
Illegitimate	-	-	-
	<hr/>	<hr/>	<hr/>
	1	1	2

<u>Still Birth Rate</u> per 1,000 total live and still births	8.58
" " " " " " " " " " " "	
England and Wales	23.0

Infant Mortality (deaths of Infants under 1 year)

	M.	F.	Total
Legitimate	2	5	7
Illegitimate	1	-	1
	<hr/>	<hr/>	<hr/>
	3	5	8

Neonatal Deaths (deaths of Infants under 4 weeks of age)

	M.	F.	Total
Legitimate	1	4	5
Illegitimate	1	-	1
	<hr/>	<hr/>	<hr/>
	2	4	6

2. Continued

Infant Mortality Rate

Per thousand live births - Samford	34.63
" " " " - England and Wales	23.8

Deaths

	M.	F.	Total
	90	77	167
Crude Death Rate per 1,000 population (Samford)			11.48
Comparability factor			.73
Standardised Death Rate =			
Crude Rate x Comparability factor			8.38
Death Rate England and Wales			11.7

3. CAUSES OF DEATH

	M.	F.	Total 1956	Total 1955
Tuberculosis - respiratory	1	-	1	1
Acute Poliomyelitis	-	-	-	1
Malignant neoplasm-stomach	-	-	-	2
" " -lung, bronchus	3	-	3	6
" " -breast	-	1	1	5
" " -uterus	-	1	1	1
Other Malignant and lymphatic neoplasms	4	6	10	19
Leukaemia, aleukaemia	2	-	2	-
Vascular diseases of nervous system	16	14	30	32
Coronary disease, angina	12	9	21	25
Hypertension with heart disease	1	5	6	7
Other heart disease	9	13	22	28
Other circulatory disease	3	3	6	9
Influenza	1	1	2	1
Pneumonia	11	6	17	5
Bronchitis	6	1	7	4
Other diseases of respiratory system	1	-	1	2
Ulcer of stomach and duodenum	-	1	1	1
Gastritis, enteritis, and diarrhoea	-	1	1	2
Nephritis and nephrosis	4	-	4	3
Hyperplasia of prostate	6	-	6	-
Pregnancy, childbirth, abortion	-	-	-	1
Congenital malformations	1	2	3	3
Other defined and ill defined diseases	7	10	17	21
Motor vehicle accidents	1	-	1	3
All other accidents	1	1	2	1
Suicide	-	2	2	2
	90	77	167	185

4. COMPARATIVE STATISTICAL TABLE FOR PAST FIVE YEARS

	1952	1953	1954	1955	1956	England & Wales
Estimated Population	16020	16240	16410	16250	16110	
Total live births	204	208	199	229	231	
Crude birth rate	12.7	12.8	12.13	14.09	14.34	
Standardised birth rate	16.5	16.65	15.16	17.61	15.92	15.7
Deaths of Infants under 1 year	5	3	3	6	8	
Infant Mortality Rate	24.5	14.42	15.08	26.20	34.63	23.8
Total Deaths	175	198	199	185	167	
Crude Death Rate	10.9	12.19	12.25	11.38	11.48	
Standardised Death Rate	10.1	11.21	10.54	9.79	8.38	11.7

5. MONTHLY NOTIFICATIONS OF NOTIFIABLE DISEASES (EXCLUDING TUBERCULOSIS)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Scarlet Fever	1	3	1		1					4			10
Whooping Cough				5	1		1		2	1	13	3	26
Measles	1				1			3	2			1	8
Poliomyelitis - nil													-
Diphtheria - nil													-
Dysentery								1					1
Acute Pneumonia												1	1
Paratyphoid Fever				2									2
Typhoid Fever							4						4
Infective Hepatitis		1	1							1			3
	2	4	2	7	3	-	5	4	4	6	13	5	55

5. Continued NOTIFIABLE DISEASES (EXCLUDING TUBERCULOSIS) - AGE DISTRIBUTION

	0-	1-	3-	5-	10-	15-	25-	45-	65-	Total
Scarlet Fever	-	-	-	7	2	1	-	-	-	10
Whooping Cough	2	3	1	13	6	-	1	-	-	26
Measles	-	1	3	2	-	2	-	-	-	8
Dysentery	1									1
Acute Pneumonia								1		1
Paratyphoid Fever				1					1	2
Typhoid Fever				1	1		2			4
Infective Hepatitis					2		1			3
	3	4	4	24	11	3	4	1	1	55

NOTIFIABLE DISEASES (EXCLUDING TUBERCULOSIS) TOTALS FOR PAST FIVE YEARS

	1952	1953	1954	1955	1956
Scarlet Fever	11	44	37	12	10
Whooping Cough	17	22	72	19	26
Diphtheria	-	-	-	-	-
Measles	131	140	6	286	8
Pneumonia	4	2	2	1	1
Menigococcal Infection	-	-	-	-	-
Acute Poliomyelitis - paralytic	-	-	2	1	-
Acute Poliomyelitis - non-paralytic	-	-	1	-	-
Acute encephalitis - post-infectious	-	-	-	-	-
Dysentery	-	1	-	2	1
Puerperal Pyrexia	2	1	2	-	-
Erysipelas	-	2	-	1	-
Infective Hepatitis	4	4	16	5	3
Paratyphoid Fever	1	-	-	-	2
Typhoid Fever	-	-	-	-	4
Food Poisoning	-	-	3	1	-

6. TUBERCULOSIS

(a) Number of cases on Register at beginning of year.

<u>Males</u>		<u>Females</u>		<u>Total</u>
<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>	
35	16	25	15	91

(b) New cases notified during year.

<u>Males</u>		<u>Females</u>	
<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>
6	2	5	1

(c) Other cases added to the Register (including inward transfers).

<u>Males</u>		<u>Females</u>	
<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>
2	-	5	1

(d) Cases dying during the year.

<u>Males</u>		<u>Females</u>	
<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>
2	-	-	-

(e) Cases that recovered during year

<u>Males</u>		<u>Females</u>	
<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>
2	1	3	3

(f) Cases moving away from District during the year (outward transfers).

<u>Males</u>		<u>Females</u>	
<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>
5	-	2	-

(g) Cases on Register at end of year.

<u>Males</u>		<u>Females</u>		<u>Total</u>
<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>	
34	17	30	14	95

(h) Notification of Tuberculosis, 1956.

Number of primary notifications per 1,000 population:-

(i) <u>Non-Pulmonary</u>	Samford ... ..	.186
	East Suffolk County	.136
(ii) <u>Pulmonary</u>	Samford ... ..	.683
	East Suffolk County	.421

6. Continued

(i) Tuberculosis Notifications during past five years.

<u>Male</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>
Pulmonary	5	-	3	7	6
Non-Pulmonary	1	3	-	2	2
<u>Female</u>					
Pulmonary	5	4	2	1	5
Non-Pulmonary	5	7	2	3	1

7. DIPHTHERIA IMMUNISATION (Details kindly supplied by the County Medical Officer)

Number of pre-school children receiving primary immunisation in 1956	-	146
" " school children " " " "	-	13
Number of children receiving Booster Injections	-	187

8. SECTION 47 OF NATIONAL ASSISTANCE ACT.

No cases were dealt with under this Act during the year.

9. WATER SUPPLIES AND SEWERAGE.

Full details will be found in the report of the Public Health Inspector.

10. PREVENTIVE MEASURES AGAINST WELL WATER CYANOSIS.

Number of notifications from County Council	189
Number receiving mains supply presumed safe	145
Sampled and found safe	32
Sampled and found unsafe	12

11. HOUSING

The following new houses and bungalows were completed during the year:-

	<u>PRIVATE</u>		<u>COUNCIL</u>			
	<u>Completed</u>	<u>Under Construction</u> <u>31.12.56</u>	<u>Completed</u>		<u>Under Construction</u> <u>31.12.56</u>	
			<u>Houses</u>	<u>Bungalows</u>	<u>Houses</u>	<u>Bungalows</u>
Arwarton	-	-	-	-	-	-
Belstead	2	-	-	-	-	-
Bentley	1	-	18	5	-	-
Brantham	6	3	-	-	6	8
Burstall	-	-	-	-	-	-
Capel St. Mary	3	2	-	-	-	-
Chattisham	1	-	-	-	-	-
Chelmondiston	-	-	-	-	-	-
Copdock	5	-	-	-	-	-
East Bergholt	6	7	-	-	-	-
Freston	-	2	-	-	-	-
Harkstead	-	-	-	-	-	-
Higham	-	-	-	-	-	-
Hintlesham	-	1	-	-	-	-
Holbrook	3	1	-	-	-	-
Holton St. Mary	-	-	-	-	-	-
Raydon	3	1	-	7	9	-
Shelley	-	-	-	-	-	-
Shotley	1	-	-	-	-	-
Sproughton	2	-	-	-	-	-
Stratford St. Mary	3	-	-	-	-	-
Stutton	4	4	-	-	-	-
Tattingstone	-	1	-	-	-	-
Washbrook	-	-	-	-	-	-
Wenham Magna	-	-	-	-	-	-
Wenham Parva	-	-	-	-	-	-
Wherstead	-	-	-	-	-	-
Woolverstone	-	-	-	-	-	-
Total	40	22	18	12	15	8



12. MEAT INSPECTION FIGURES, 1956.

Please refer to the section of the report compiled by the Public Health Inspector.

13. MILK AND DAIRIES REGULATIONS.

Examination of Milk Samples

- Number of samples taken by East Suffolk County Council - 37
- Number of samples found to contain tuberculin organisms - Nil
- Number of samples found to contain Brucella organisms - Nil

14. FACTORIES ACT, 1937.

Ministry of Labour and National Service Form 572 is attached.