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CHELMSFORD
RURAL DISTRICT COUNCIL

Annual Reports

OF

MEDICAL OFFICER of HEALTH

AND

CHIEF PUBLIC HEALTH INSPECTOR

FOR

1964



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FOR

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STAFF

Clerk of the Rural District Council : C. A. Bohannon.

Deputy Clerk of the Rural District Council: A. J. Little, LL.B.,
D.P.A., Barrister-at-Law.

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health : T. D. Blott, B.Sc., M.B., B.S., D.P.H.,
Barrister-at-Law (also Medical Officer of Health to Borough of
Maldon & Maldon Port Health Authority, Urban District of
Burnham-on-Crouch, Rural District of Maldon, and Assistant
County Medical Officer, Essex County Council).

Clerk to Medical Officer of Health :

Miss J. Parkinson.

CHIEF HEALTH INSPECTOR'S DEPARTMENT

Chief Health Inspector and Director of Public Cleansing :

T. H. C. Bartrop, F.R.S.H., M.A.P.H.I.*

Deputy Chief Health Inspector :

L. G. Smart, M.R.S.H., M.A.P.H.I., A.M.I.P.H.E.*

Health Inspectors :

F. B. Brewster, A.R.S.H., M.A.P.H.I.

G. D. Clare.*

R. F. S. Musgrave, M.A.P.H.I.*

Meat Inspectors:

A. Philip.

I. Lovie

(from 17th February, 1964).

Public Cleansing Inspector :

E. J. Moore.

Clerical Staff :

R. H. Hawkes.

Mrs. A. B. Fleming.

J. B. Knight

(from 4th May, 1964).

* Qualified Inspectors of Meat and other Foods. Royal Society of
Health.

Mr. Chairman, Ladies and Gentlemen,

I present for your consideration the Annual Report of the Medical Officer of Health for the year 1964.

I have the honour to be,

Your obedient servant,

J. SLATTERY
Medical Officer of Health.

PUBLIC HEALTH COMMITTEE

The Public Health Committee consists of thirty-four members of the Council, and meets on the second Tuesday of each month. The Council meeting is held on the fourth Tuesday in each month.

Chairman of Public Health Committee:

Mrs. A. L. Mitchell.

Vice-Chairman of Public Health Committee:

Mr. G. T. H. Richards.

LIST OF COMMITTEES OF THE COUNCIL:

General Purposes and Staffing.

Finance.

Building Bye-Laws.

Buildings and Planning.

Public Health.

Housing.

Re-Housing.

Slum Clearance.

Estates Management.

Drainage and Water.

Council and Staff Joint.

Civil Defence.

Reception (Civil Defence).

Emergency Committee.

The Council is represented on the:—

Chelmsford Joint Sewerage Committee.

South-East Essex Superannuation Joint Committee.

Chelmsford Borough and Rural District Road Safety Committee.

Mid-Essex Area Planning Sub-Committee.

Chelmsford and District Care Association for Tuberculosis and other Diseases of the Chest.

(5)

Essex County Branch, Rural District Councils' Association.

Divisional Executive Education Committee.

Mid-Essex Health Area Sub-Committee.

Old People's Committee.

Chelmsford Hospital Joint House Committee.

Eastern Regional Executive Committee (National Housing
and Town Planning Council).

Civil Defence Joint Advisory Committee.

Chelmsford King Edward VI School Governing Body.

Joint Traffic Committee of Essex Local Authorities.

Post Office Advisory Committee.

Victoria History of the County of Essex—County Committee.

**Clinics and Treatment Centres Administered
by the Essex County Council**

MATERNITY AND CHILD WELFARE CENTRES

Centre	Address	Sessions (Monthly)
Great Baddow ...	Parish Hall	Mondays, 2 p.m.
Galleywood ...	Keene Memorial Hall ...	Each Tuesday, 2 p.m., not 5th.
Little Baddow ...	Memorial Hall	Last Tuesday, 2 p.m.
Boreham ...	Village Hall	3rd Tuesday, 2 p.m.
Broomfield ...	Methodist Church Room	1st and 3rd Thursdays, 2 p.m.
Chignal Smealey	Congregational Church Room	4th Monday, 2.30 p.m.
Danbury ...	Village Hall	1st and 3rd Thursdays, 2 p.m.
East Hanningfield	Women's Institute Hall	1st Wednesday, 2 p.m.
Ramsden Heath ...	Y.M.C.A. Hall, Rams- den Heath	1st Friday, 2 p.m.
Highwood ...	New Village Hall ...	3rd Wednesday, 2.30 p.m.
Ingatestone ...	Working Men's Club ...	2nd and 4th Fridays, 2 p.m.
Great Leighs ...	Village Hall	2nd Tuesday, 2.30 p.m.
Mountnessing ...	Women's Institute Hall	2nd Thursday, 2 p.m.
Rettendon ...	Village Hall	2nd Wednesday, 2 p.m.
Stock	Congregational School- Room	3rd Thursday, 2 p.m.
Great Waltham ...	Village Hall	3rd Tuesday, 2 p.m.
Little Waltham ...	Chapel Schoolroom ...	1st Tuesday, 2 p.m.
Woodham Ferrers	Village Hall	2nd Monday, 2 p.m.
South Woodham	Village Hall	1st Monday, 2 p.m.
Writtle	Village Hall	2nd, 3rd and 4th Tues- days, 2.30 p.m.
Runwell	Village Hall	1st and 3rd Tuesdays.

ANTE-NATAL CLINICS

The New Writtle Street Clinic, Tuesday, 2 p.m.

Women's Welfare and Ante-Natal Clinic, Coval Lane, Chelmsford. 2nd and 4th Thursday mornings.

IMMUNISATION CLINIC

Coval Lane Clinic, Chelmsford. 2nd Monday, 2 p.m. - 4 p.m.

SCHOOL CLINIC

Coval Lane Clinic, Chelmsford. Monday, 9 a.m. - 11 a.m.

OPHTHALMIC CLINIC, DENTAL CLINIC, CHILD GUIDANCE CLINIC, SPEECH CLINIC, CHIROPODY CLINIC (for elderly persons)

These clinics are held by appointment and full details can be obtained from the Area Medical Officer, 75, Springfield Road, Chelmsford.

OTHER CLINICS, etc:—

TUBERCULOSIS DISPENSARY

Broomfield Hospital, Broomfield. Mondays and Wednesdays, 10 a.m. - 12 noon.

VENEREAL DISEASES

Treatment is available at:—

(a) The New Writtle Street Clinic, Wednesday 3.30 p.m. to 6 p.m., Friday 10.15 a.m. to 12.15 p.m.

(b) Chelmsford and Essex Hospital, London Road, Chelmsford.

(c) Essex County Hospital, Colchester.

Patients are seen at V.D. Clinics without letters from their private doctors and without appointments.

FAMILY PLANNING CLINIC

Coval Lane Clinic, Chelmsford. Tuesday evenings and Thursday evenings.

HOSPITALS

The Hospitals in the area belong to No. 18 Group North-East Metropolitan Hospital Board.

AMBULANCE FACILITIES are provided by the Essex County Council.

MORTUARIES

Situate at:—

(a) St. John's Hospital, Chelmsford.

(b) Chelmsford & Essex Hospital, Chelmsford.

(c) Isolation Hospital, Great Baddow (Infectious Diseases).

LABORATORY FACILITIES

These services are used by arrangement with the Essex County Council.

INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS) NOTIFIED DURING THE YEAR

(8)

Infectious Diseases	Total Cases Notified	Under 1	1-2	2-3	3-4	4-5	5-9	10-14	15-24	25 & over
Measles ...	269	13	14	39	39	41	116	5	2	—
Pneumonia ...	2	—	—	—	—	—	—	—	—	2
Scarlet Fever ...	30	—	—	2	—	5	22	1	—	—
Whooping Cough ...	37	3	3	3	6	3	14	2	—	3
Infective Hepatitis ...	2	—	—	—	—	—	—	—	1	1
Puerperal Pyrexia ...	2	—	—	—	—	—	—	—	—	2
Acute Poliomyelitis ...	1	—	—	—	—	—	1	—	—	—
TOTALS ...	343	16	17	44	45	49	153	8	3	8

TUBERCULOSIS

The following table gives particulars of new cases of Tuberculosis during the year.

Age Periods	*New Cases			
	Respiratory		Non-Respiratory	
	M.	F.	M.	F.
Under 5	—	—	—	—
5—14	—	—	—	—
15—24	—	—	—	—
25—44	3	2	—	—
45—64	1	1	—	1
65 & over	2	—	—	—
TOTALS	6	3	—	1

*Not including cases of tuberculosis removed into the District during the year, which had been previously notified elsewhere.

The number of deaths from respiratory tuberculosis was two. There were no deaths from non-respiratory tuberculosis.

Tuberculosis patients can, under certain circumstances, obtain financial help by way of grants for milk, food, clothing and other needs on application to the Hon. Secretary of the Chelmsford and District Care Association for Tuberculosis and other Diseases of the Chest, Mr. R. H. Hawkes, c/o R.D.C. Offices, 88 New London Road, Chelmsford.

FOOD POISONING OUTBREAKS

Total number of outbreaks	Number of cases	Number of deaths	Organisms or other agents responsible, with number of outbreaks attributed to each	Foods involved, with number of outbreaks associated with each food
NIL	NIL	NIL	NIL	NIL

WATER SUPPLY

The following is a summary of the water supplies from the Council's mains for the year ended 31st *March*, 1965. The figures shown below have been supplied by courtesy of the Engineer and Surveyor.

Total amount of water supplied	...	767,399,000 gallons
Total length of water mains in use	...	287 miles
Total number of supplies afforded	...	17,914
New supplies afforded	... ..	816
New mains laid	... ..	14 miles
Number of burst mains repaired	...	197
Number of burst service pipes repaired		146

It was not necessary to cart any water to individual properties during the year.

The Southend Waterworks Company supplied water to the parish of Mountnessing and parts of the parishes of South Hanningfield and Woodham Ferrers.

A bulk supply of water is provided by the Council to the Braintree Rural District Council to serve properties in their District which are in the Great Leighs locality.

The water supplied from the South Essex Waterworks Company's trunk mains is satisfactory in both quality and quantity. Present restrictions on garden watering and car washing are made necessary by over-loading of the distribution system.

The supply is piped to all parts of the District and bacteriological and chemical analyses are taken by the South Essex Waterworks Company at their treatment works. Regular samples for bacteriological examination are also taken throughout the District by the Public Health Inspectors.

The water supplied has had no action on lead piping.

There has been no form of contamination that warrants report.

The following table gives details of houses and population supplied with water from the South Essex Waterworks Company.

Parish	No. of houses supplied direct	No. of houses supplied by standpipe	Population supplied direct	Population supplied by standpipe
Great Baddow S.P.A. ...	3,580	—	10,740	—
Great Baddow O.S.P.A. ...	1,018	—	3,054	—
Little Baddow ...	443	—	1,329	—
Boreham ...	591	—	1,773	6
Broomfield ...	937	—	2,811	—
Chignal ...	119	2	357	—
Danbury ...	1,224	—	3,672	—
Good Easter ...	165	—	495	—
East Hanningfield ...	150	—	450	—
South Hanningfield ...	123	—	369	—
West Hanningfield ...	222	—	666	—
Highwood ...	186	—	558	—
Ingatstone and Fryerning	1,459	—	4,377	—
Great and Little Leighs ...	324	3	972	9
Margaretting ...	351	—	1,053	—
Mashbury ...	40	—	120	—
Mountnessing ...	—	—	—	—
Pleshey ...	129	—	387	—
Rettendon ...	442	7	1,326	21
Roxwell ...	365	—	1,095	—
Runwell ...	1,081	6	3,243	18
Sandon ...	343	—	1,029	—
Springfield ...	169	6	507	18
Stock ...	563	—	1,689	—
Great Waltham ...	644	—	1,932	—
Little Waltham ...	372	—	1,116	—
Woodham Ferrers ...	752	24	2,256	72
Writtle ...	1,455	—	4,365	—
	17,247	48	51,741	144

Total population supplied in District, 51,885.

*Copy of a Recent Analysis of Water from the Southend
Waterworks Company's Mains*

(CHEMICAL RESULTS IN PARTS PER MILLION)

Appearance	... ..	Clear and bright
Turbidity (Silica Scale)	... ..	Nil
Colour A.P.H.A.	... ..	7
Odour	... ..	Nil
Reaction pH	... ..	9.6
Free Carbon Dioxide	... ..	Absent
Electric Conductivity	... ..	725
Total Solids	... ..	485
Chlorine present as Chloride	... ..	70
Alkalinity as Calcium Carbonate	... ..	30
Hardness: Total	... ..	135
Carbonate	... ..	30
Non-Carbonate	... ..	105
Nitrate Nitrogen	... ..	6.7
Nitrite Nitrogen	... ..	Less than 0.01
Ammoniacal Nitrogen	... ..	0.11
Albuminoid Nitrogen	... ..	0.20
Oxygen Absorbed	... ..	1.5
Residual Chlorine	... ..	0.20 at sampling
Metals: Zinc, copper, lead and iron	... ..	Absent

BACTERIOLOGICAL RESULTS

Number of Colonies developing on Agar per ml. in:—

1 day at 37°C = 14

2 days at 37°C = 16

3 days at 20°C = 2

Presumptive Coliform Reaction	Absent from 100 ml.
Bact. coli (Type 1)	Absent from 100 ml.
Cl. Welchii Reaction	Present in 100 ml., absent from 10 ml.

REPORT

This sample is clear and bright in appearance and is free from metals. It has a marked alkaline reaction which is not, however, considered excessive. The hardness of the water is very moderate and it contains no excess of mineral or saline constituents in solution. It is of satisfactory organic quality and bacterial purity.

These results are indicative of a pure and wholesome water suitable for public supply purposes.

Analysis of purified water at the Langham and Layer-de-la-Haye stations of the South Essex Waterworks Company.

(CHEMICAL RESULTS IN PARTS PER MILLION)

	Langham Works	Layer-de-la-Haye Works	Hanningfield Works
	(Average of Weekly Analyses)	(Average of Weekly Analyses)	(Average of Weekly Analyses)
Total Dissolved Solids ...	525	412	403
pH Value	8.00	7.90	8.65
Residual Chlorine, Cl. ...	0.31	0.31	0.23
Chlorides, Cl.	54	49	69
Nitrate Nitrogen	3.7	1.0	1.69
Nitrite Nitrogen	0.001	0.001	0.005
Hardness, non-carbonate ...	120	129	113
" carbonate	245	144	32
" total	365	273	145
Free Ammonia (NH ₃)	0.20	0.18	0.14
Albuminoid Nitrogen	0.09	0.15	0.17
Oxygen Absorbed (4hrs./27°C)	1.08	1.25	1.18
Iron (Fe)	0.03	0.02	0.02

Bacteriological Examinations

No. of Tests during year	316	312	50
% of samples which were free from Bact. Coli (Type 1) in 100 ml.	100.0	100.0	100.0
% of samples which were free from Coliform bacteria in 100 ml.	100.0	100.0	100.0
Maximum count of Coliform bacteria per 100 ml. ...	—	—	—

HOUSING

NUMBER OF HOUSES ERECTED DURING 1964

<i>Parish</i>	<i>Council</i>	<i>Private</i>
Great Baddow (inc. Galleywood)	—	257
Little Baddow	—	22
Boreham	14	37
Broomfield	—	37
Chignal	—	2
Danbury	14	18
Good Easter	2	1
East Hanningfield	—	1
South Hanningfield	—	11
West Hanningfield	—	2
Highwood	—	7
Ingatestone and Fryerning	24	45
Great and Little Leighs	—	3
Margaretting	—	1
Mashbury	—	—
Mountnessing	—	1
Pleshey	—	—
Rettendon	—	8
Roxwell	18	6
Runwell	—	20
Sandon	10	10
Springfield	—	—
Stock	—	8
Great Waltham	—	9
Little Waltham	—	9
Woodham Ferrers	—	6
Writtle	65	107
Totals	147	628

Since 1946, 2,291 Council houses and 4,689 private houses have been erected in the District.

STREET LIGHTING

Street lighting is provided in the following parishes:—

Great Baddow
 Boreham
 Broomfield
 Danbury
 East Hanningfield
 Highwood
 Ingatestone
 Great and Little Leighs
 Margaretting
 Mountnessing
 Rettendon
 Roxwell
 Runwell (administered by Parish Council)
 Sandon
 South Hanningfield
 Springfield
 Stock
 Great Waltham (administered by Parish Council)
 Little Waltham
 Woodham Ferrers
 Writtle

Several schemes have been carried out to improve lighting in various parishes in the District.

TOWN AND COUNTRY PLANNING

The Rural District is within the area of the Mid-Essex Planning Committee.

The Council, under delegated powers from the Essex County Council, deals with applications for permission to develop. During the year ended 31st March, 1965, 1,460 applications were dealt with by the Engineer and Surveyor's Department.

SEWERAGE

Public sewers are provided in the more populous areas of the following parishes:—

Great Baddow
 Little Baddow
 Boreham
 Broomfield
 Danbury
 Good Easter
 South Hanningfield (Ramsden Heath area)
 Ingatestone and Fryerning
 Mountnessing
 Pleshey
 Rettendon (part)
 Roxwell
 Runwell
 Sandon
 Great Waltham
 Little Waltham
 Writtle

The Sewerage Scheme for Woodham Ferrers was commenced during the year.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (acres) 86,506 (land and inland waters)

Home population (estimated,
June, 1964) 53,380

Number of houses, 1964 ... 17,422

Census population, 1961 ... 48,026

The rateable value of the district for the half-year commencing
1st April, 1964, was £1,684,775.

The sum represented by a penny rate, year ended
31st March, 1964 £6,602

Live births (Male 576, Female 557) 1,133

Live birth rate per 1,000 population 21.0

Corrected birth rate 19.7

Illegitimate live births per cent of total live births 4.6

Still births 15

Still birth rate per 1,000 live and still births ... 13.1

Total live and still births 1,148

Infant Mortality Rates

Total infant deaths per 1,000 total live births 15.9

Neo-Natal Mortality Rate (deaths under 4 weeks
per 1,000 total live births) 11.5

Early Neo-Natal Mortality Rate (deaths under
1 week per 1,000 live births) 10.6

Perinatal Mortality Rate (still births and deaths
under 1 week combined per 1,000 total live
and still births) 23.5

The following table classifies the deaths according to
cause and sex

Cause of Death	Males	Females	Totals
Tuberculosis, respiratory	2	—	2
Other infective and parasitic diseases ...	—	1	1
Malignant neoplasm, stomach	5	6	11
Malignant neoplasm, lung, bronchus ...	20	8	28
Malignant neoplasm, breast	—	7	7
Malignant neoplasm, uterus	—	4	4
Other malignant and lymphatic neoplasms ...	29	29	58
Leukaemia, aleukaemia	3	2	5
Diabetes	1	2	3
Vascular lesions of nervous system	25	57	82
Coronary disease, angina	83	51	134
Hypertension with heart disease	2	3	5
Other heart disease	12	23	35
Other circulatory disease	9	20	29
Influenza	1	1	2
Pneumonia	23	28	51
Bronchitis	19	7	26
Other diseases of respiratory system ...	5	1	6
Ulcer of Stomach and duodenum	2	1	3
Gastritis, enteritis and diarrhoea	—	2	2
Nephritis and nephrosis	2	1	3
Hyperplasia of prostate	1	—	1
Congenital malformations	4	2	6
Other defined and ill-defined diseases ...	28	26	54
Motor vehicle accidents	4	5	9
All other accidents	9	9	18
Suicide	4	—	4
All causes	293	296	589

**NUMBER OF DWELLINGS AND ESTIMATED
POPULATION IN EACH PARISH AS AT
JUNE, 1964**

Parish	Number of Dwellings	Estimated Population
Great Baddow	4,214	13,019
Little Baddow	418	1,291
Boreham	534	1,649
Broomfield	848	2,620
Chignall	122	379
Danbury	1,175	3,630
Good Easter	137	423
East Hanningfield	147	454
South Hanningfield	660	2,039
West Hanningfield	226	695
Highwood	197	608
Ingatstone and Fryerning	1,363	4,211
Great and Little Leighs	348	1,075
Margaretting	362	1,118
Mashbury	41	128
Mountnessing	473	1,461
Pleshey	127	392
Rettendon	440	1,359
Roxwell	382	1,180
Runwell	1,085	3,354
Sandon	317	979
Springfield	181	559
Stock	563	1,740
Great Waltham	665	2,055
Little Waltham	369	1,140
Woodham Ferrers	795	2,458
Writtle	1,234	3,814
	17,422	53,830

ANNUAL REPORT

of

The Chief Health Inspector
and Director of Public Cleansing

To the Chairman and Members of the Chelmsford Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you my Annual Report for the year 1964.

The work required to be carried out under the Meat Inspection Regulations, 1963, continues to be a major factor in determining the amount of other work that can be done in the varied fields of environmental hygiene. Although the appointment of a second Meat Inspector eased the situation considerably, the total number of animals killed and inspected reached a new record of 110,459—an increase of 34% over the figures for 1963.

The cesspool emptying and the refuse collection and disposal services catered for many new properties during the year. Every effort was made to ensure that the latter service was always equipped to deal with the continuing, rapid growth of the District and the introduction of new vehicles and an extension of the bulk-container system were factors in this respect. Credit is also due to the refuse collectors and drivers, to those who maintain the vehicles, to those who tackle the disposal side of the service and to those who supervise.

The development of the District eases some old problems but brings in new. Among the latter is the one that arises when properties are built in areas with no main drainage and which are not really suitable for a number of individual disposal plants. The completion of the Council's comprehensive programme of main drainage schemes should do much to alleviate this problem but, in the meantime, the release of non-sewered areas for development will need careful thought if nuisances are to be prevented.

As in previous years, comments upon other aspects of the work are made in the various sections of the Report.

I record my appreciation and thanks to the Chairman and Members of the Council and to Dr. Blott for all the support and encouragement received throughout the year. The staff continued to give their loyal support and this is a major factor in the endeavour to maintain a smooth-working and efficient department.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

T. H. C. BARTROP.

Chief Health Inspector and Director of Public Cleansing.

INSPECTION WORK CARRIED OUT BY THE HEALTH INSPECTORS

The following tabular statement gives details of the housing work carried out during the year.

1. Inspection of Dwelling-Houses during the year:—	
(1)(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	119
(b) Number of inspections and re-inspections made for the purpose	487
(2) Number of dwelling-houses included under sub-heading (1) above which were inspected and recorded under the Housing Consolidated Regulations	10
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	4
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	113
2. Remedy of Defects during the year without service of formal notices:—	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	34
3. Action under Statutory Powers during the year:—	
Proceedings under Public Health Acts:—	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ...	74
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—	
By Owners	33
Proceedings under Sections 17 and 18 of the Housing Act, 1957:—	
(1) Number of dwelling houses in respect of which Demolition Orders were made	2
(2) Number of houses closed as a result of Closing Orders	1
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders:—	
By Owners	4
(4) Number of dwelling-houses rendered fit for human habitation as a result of owners complying with undertakings to carry out works of repair	3
(5) Number of houses demolished by owners as a result of informal action	Nil

INSPECTIONS AND PARTICULARS OF NOTICES FOR
THE YEAR 1964

Nature of Inspection	Total Inspections	Notices Outstanding at end of 1963	Notices Served		Notices		Outstanding at end of 1964
			Informal	Statutory	Complied with	Cancelled	
Infectious Disease Inquiries ...	20	—	—	—	—	—	—
Houses Inspected under Public Health or Housing Acts ...	119	60	14	3	11	4	62
Re-inspections under Housing Acts ...	170	—	—	—	—	—	—
Re-inspections under Public Health Acts ...	198	—	—	—	—	—	—
Overcrowding ...	2	1	—	—	—	1	—
Dirty Condition of Houses ...	6	—	1	—	1	—	—
Water Closets ...	143	99	8	63	32	4	134
Pail Closets ...	52	5	—	—	1	1	3
House Drainage ...	955	149	49	5	44	13	146
Other Drainage ...	82	6	4	1	6	1	4
Water Supply ...	150	20	—	—	—	—	20
Urinals ...	5	1	—	—	—	—	1
Piggeries ...	34	6	1	—	2	1	4
Animals Improperly Kept ...	4	1	—	—	—	—	1
Rats and Mice ...	219	7	4	—	—	1	10
Insect Pests ...	25	—	—	—	—	—	—
Moveable Dwellings ...	840	2	—	—	—	—	2
Schools ...	4	1	—	—	—	—	1
Ice Cream Premises ...	52	—	—	—	—	—	—
Bakehouses ...	11	—	—	—	—	—	—
Catering Establishments ...	53	4	2	—	3	2	1
Butchers' Shops ...	15	—	—	—	—	—	—
Other Food Shops and Premises ...	457	9	2	—	2	1	8
Miscellaneous Food Visits ...	13	—	—	—	—	—	—
Slaughterhouses and Knackers Yard ...	2,384	5	4	—	3	—	6
Shops Act ...	11	—	—	—	—	—	—
Factories:—							
(a) with Mechanical Power	13	3	2	—	2	1	2
(b) without Mechanical Power ...	1	1	—	—	—	—	1
Outworkers ...	9	—	—	—	—	—	—
Rent Act ...	—	—	—	—	—	—	—
Improvement Grants ...	169	—	—	—	—	—	—
Clean Air Act ...	23	—	—	—	—	—	—
Noise Abatement ...	77	—	—	—	—	—	—
Public Cleansing:—							
Dustbins ...	153	26	10	—	6	1	29
Refuse Dumps ...	183	—	—	—	—	—	—
Miscellaneous ...	660	—	—	—	—	—	—
Petroleum Storage ...	32	—	—	—	—	—	—
National Survey of Air Pollution ...	42	—	—	—	—	—	—
Miscellaneous ...	317	28	3	—	2	—	29
TOTALS ...	7,699	434	104	72	115	31	464

**CARAVAN SITES AND CONTROL OF
DEVELOPMENT ACT, 1960**

During the year, twenty-six Site Licences were in force.

The conditions attached to these licences are based on the Model Conditions, modified where necessary in respect of individual sites.

<i>Parish</i>	<i>No. of Site Licences</i>	<i>No. of Caravans</i>
Great Baddow	1	1
Little Baddow	1	1
Boreham	2	24
Great and Little Leighs	1	1
West Hanningfield	5	291
Highwood	1	48
Mountnessing	1	1
Rettendon	6	21
Springfield	1	1
Stock	2	2
Great Waltham	1	1
Little Waltham	1	1
Writtle	1	2
	24	395
 Sites licensed for summer months only		
Little Baddow	1	15
Rettendon	1	240
	2	255

The protracted negotiations for the purchase by the Council of the residential caravan site at Bramwoods Farm, Highwood, continued during the year and an early decision is now expected.

ADMINISTRATION OF THE FACTORIES ACT, 1961

1.—INSPECTIONS for the purpose of provisions as to health including inspections made by Health Inspectors.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	86	13	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	106	11	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	—	—	—	—
TOTAL	192	24	3	—

2.—CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	
Want of cleanliness (S.1.)	—	—	—	—	—
Overcrowding (S.2.)	—	—	—	—	—
Unreasonable temperature (S.3.)	—	—	—	—	—
Inadequate ventilation (S.4.)	—	—	—	—	—
Ineffective drainage of floors (S.6.)	—	—	—	—	—
Sanitary Conveniences (S.7.)					
{ Insufficient	—	—	—	—	—
{ Unsuitable or defective	3	3	—	—	—
{ Not separate for sexes	—	—	—	—	—
Other Offences against the Act (not including offences relating to outwork)	—	—	—	—	—
TOTAL	3	3	—	—	—

OUTWORK

Nature of Work (1)	Section 133			Section 134		
	No. of out-workers in August list required by Sect. 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in some premises (5)	Notices served (6)	Prosecutions (7)
Upholstery repairs	2					
Wearing apparel—Making, etc. ...	17					
Cardboard Boxes	1					
Christmas Cracker making ...	12					
TOTAL	32	—	—	—	—	—

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Certain sections of this Act came into force on the 1st May, 1964, but most of the main provisions were not operative until the 1st August. The Act is designed to contribute to the health, welfare and safety of persons employed in offices, shops and certain railway premises and extends legislation into new fields of non-industrial employment. The definitions of "office" and "shop" are comprehensive in their scope and the following list gives an idea of the variety of matters dealt with by the Act—cleanliness; overcrowding; temperature, ventilation and lighting; sanitary conveniences, washing facilities and provision of drinking water; accommodation for clothing; seating and eating facilities; condition of floors, passages and stairs; safety and operation of machinery; first-aid facilities; noise and vibration; fire precautions.

During the year, the following Orders and Regulations under the Act came into force:—

Offices, Shops and Railway Premises Act, 1963 (Commencement No. 1) Order, 1964.

Notification of Employment of Persons Order, 1964.

Offices, Shops and Railway Premises Forms Order, 1964.

Offices, Shops and Railway Premises Act, 1963 (Modification of Section 29) Regulations, 1964.

Offices, Shops and Railway Premises Act, 1963 (Exemption No. 1) Order, 1964.

Washing Facilities Regulations, 1964.

Sanitary Conveniences Regulations, 1964.

Offices, Shops and Railway Premises First Aid Order, 1964.

Prescribed Dangerous Machines Order, 1964.

Offices, Shops and Railway Premises Act, 1963 (Commencement No. 2) Order, 1964.

Offices, Shops and Railway Premises Act, 1963 (Exemption No. 2) Order, 1964.

Offices, Shops and Railway Premises Annual Reports Order, 1964.

Offices and Shops in Factories (First Aid) Regulations, 1964.

Offices at Building Operations &c. (First Aid) Regulations, 1964.

Offices in Electrical Stations (First Aid) Regulations, 1964.

Information for Employees Regulations, 1965.

Throughout the year, too, numerous circulars were issued by the Ministry of Labour for information and guidance and we maintained close liaison with the Ministry's Factory Inspectorate and with the County Fire Brigade. This is complex legislation and by the end of the year no detailed inspections had been carried out. The following information is extracted from the Annual Return:—

	No. of Premises Registered	Persons Employed	Accidents Reported
Offices	56	586	1
Retail shops	73	274	1
Wholesale shops, warehouses	5	88	—
Catering establishments open to public, canteens	15	56	—
Fuel storage depots	1	5	—
Totals	150	1,009	2

NATIONAL SURVEY OF AIR POLLUTION

At the request of the Department of Scientific and Industrial Research, the Council agreed to co-operate in the National Survey of Air Pollution by accepting responsibility for establishing and maintaining recording stations in the District, the capital cost of which is met by the Essex County Council.

On the 1st September, a recording station at Hanningfield Reservoir came into operation. This station was established by kind permission of the Hanningfield Water Joint Managing Committee and is operated by their staff under the Chief Chemist, whose co-operation in this project is much appreciated.

On the 20th November, a recording station at Mountnessing Water Tower came into operation. This station was established by kind permission of the South Essex Waterworks Company and is operated by this Department.

Each station contains an eight-day semi-automatic smoke and sulphur dioxide recording instrument and all results are sent on a standard form to the Warren Spring Laboratory of the Department of Scientific and Industrial Research. Comment on the first full year's working will be made in the 1965 Report.

SWIMMING POOLS

There is now no public swimming pool in the District. The number of small, private swimming pools (often pre-fabricated) continues to grow and although there is no control over these, we have been pleased to advise on sterilisation and other problems in some cases. A number of schools, state and private, are also being provided with swimming pools.

WATER ANALYSIS

Samples of water were taken by the department as follows:—

Mains supply	...	...	...	113
Wells	...	...	...	3
Swimming pool	...	...	...	1

MILK SUPPLY

The Ministry of Agriculture, Fisheries and Food is responsible for the supervision of dairy farms, and the Essex County Council under the Milk and Dairies (Special Designations) Regulations, 1960, for the registration of distributors of milk, and for issuing dealers' licences and supplementary licences.

BAKEHOUSES

The following table shows the number of bakehouses in use at the end of the year:—

Great Baddow	...	...	...	Carters (Gt. Baddow) Ltd.
Broomfield	...	...	...	G. H. Follett.
South Hanningfield	...	...	...	Stafford (Bakeries) Ltd.
Ingatstone and Fryerning	...	...	...	E. Warder. S. Raven.
Rettondon	...	...	...	H. and E. Benson.
Great Waltham	...	...	...	Bigg Bros.
Little Waltham	...	...	...	E. W. Amos, Ltd.
Woodham Ferrers	...	...	...	Taylor and Woodland.

MEAT INSPECTION

Meat Inspection Regulations, 1963

The impact which the maintenance of a one hundred per cent. meat inspection service has upon the work of the department in general and on the individual inspectors in particular has often been referred to in previous reports. This impact increases with the number of animals killed and inspected and Table I sets out the annual figures since 1955.

During the year, meat inspection was carried out on 356 days, and on 354 of these overtime to a total of 2,117 hours was necessary.

The interference that this work causes to the domestic life of the inspectors and to the routine work of the department is an ever-present problem.

During the year, 110,460 animals were inspected—an increase of nearly 34 per cent. on last year's figure.

TABLE I

Number of animals killed and inspected:—

		<i>Cattle</i>		<i>Sheep</i>		<i>Pigs</i>	<i>Total</i>	<i>Total weight of meat condemned</i>		
		<i>excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Lambs</i>			<i>tons</i>	<i>cwts.</i>	<i>lb.</i>
1955	...	2,096	599	445	5,672	10,716	19,528	11	6	54
1956	...	2,482	511	826	6,306	13,206	23,331	10	17	46
1957	...	3,187	462	533	9,259	18,849	32,290	13	17	88
1958	...	3,313	994	396	16,868	31,284	52,555	17	17	93
1959	...	2,785	1,543	536	25,612	31,440	61,916	33	5	78
1960	...	4,283	1,323	1,431	19,782	38,961	65,780	24	12	69
1961	...	5,946	1,132	1,008	31,793	39,487	79,366	23	14	36
1962	...	6,241	1,274	1,119	36,211	43,380	88,675	24	8	89
1963	...	6,292	1,448	744	31,314	42,749	82,547	25	10	78
1964	...	7,041	1,313	405	37,969	63,732	110,460	64	15	32

TABLE II

Animals inspected and number affected with disease, etc. (The figures in brackets relate to the year 1963.)

	<i>Cattle excluding Cows</i>			<i>Sheep and Lambs</i>	<i>Pigs</i>
	<i>Cows</i>	<i>Cows</i>	<i>Calves</i>		
Number inspected	7,041 (6,292)	1,313 (1,448)	405 (744)	37,969 (31,314)	63,732 (42,749)
ALL DISEASES EXCEPT TUBERCULOSIS					
Whole carcasses condemned	2 (2)	16 (9)	18 (5)	63 (17)	78 (42)
Carcasses of which some part or organ was condemned ...	}	The figures available under these headings are not, in my opinion, reliable enough for statistical and comparative purposes, the reasons being that the high rate of kill and pressure of work called for by the Meat Inspection Regulations are not conducive to comprehensive figures being recorded, especially for pigs, concurrent with the inspection work.			
Percentage of the number inspected affected					
TUBERCULOSIS ONLY					
Whole carcasses condemned	— (1)	— (—)	— (—)	— (—)	1 (—)
Carcasses of which some part or organ was condemned ...	2 (12)	2 (13)	— (1)	— (—)	859 (393)
Percentage of the number inspected affected	0.03 (0.6)	0.015 (1.3)	0.0 (0.1)	— (—)	1.35 (0.9)

The amount of tubercular meat (4 tons 11cwt. 91lb.) was approximately one-fifteenth of the total, compared with one-twelfth of the total in 1963 and one-eleventh in 1962.

In addition to the above-mentioned condemnations, 8 (7 in 1963) bovine carcasses were found to be affected with the parasite *Cysticercus bovis* which causes the condition commonly known as "measly beef." The carcasses were released when we were satisfied that arrangements had been made for them to be held for three weeks in a refrigerator at 20°F. This treatment destroys the cysts, provided they are not generalised in the carcass musculature as well as in the usual sites of predilection.

The whole of the meat condemned was voluntarily surrendered by those concerned and it was not necessary to resort to any legal action. The mutual trust that has been built up between the butchers and the department over many years continued and our judgments are very seldom questioned. We have also worked closely with the Veterinary Inspectors of the Ministry of Agriculture, Fisheries and Food in their campaign to eradicate bovine tuberculosis.

Slaughterhouses

J. Copsey and Sons, Ltd., "Rothmans," High Street, Great Baddow.

L. Campen, The Street, Great Waltham.

A. Fincham, High Street, Ingatestone.

F. D. Mahoney, Ltd., Ramsden Heath.

Knackers Yard

There is one in the District, erected in 1935, situate in the parish of Great Baddow.

It was inspected regularly and no cause for complaint has arisen. It is owned and administered by Messrs. Harrison, Barber and Company Limited.

Slaughtermen's Licences

Under the Slaughter of Animals Act, 1958, the department is responsible for the issue of licences to and the supervision of slaughtermen practising within the District. In 1964, twenty-two licences were issued.

DISEASES OF ANIMALS ACT, 1950

DISEASES OF ANIMALS (WASTE FOODS) ORDER, 1957

This Order prohibits the feeding of unboiled waste foods to certain animals or to poultry and requires, in general, all premises where waste food boiling is carried out to be licensed with the local authority. The Order also contains other controls designed to prevent the spread of foot-and-mouth and other diseases.

There are six licensed boiling plants in this District.

ANIMALS BOARDING ESTABLISHMENT ACT, 1963

This Act came into force on 1st January, 1964, and provides, with a few exceptions, for the annual licensing (fee 10/-) of boarding establishments for cats and dogs.

Conditions are attached to each licence and these have regard to the accommodation, control of infection, food and drink, fire precautions, exercising facilities and other allied matters.

To assist in the enforcement of this Act, the Council appointed Mr. F. G. McShane, M.R.C.V.S., Hill Farm, Purleigh, as its Veterinary Officer under the Act. All the premises, prior to and after licensing, are inspected and reported upon by the Veterinary Officer.

At the end of the year, eleven licences were in force, distributed as follows:—

Mr. and Mrs. R. C. Aston, Longmead, Stock Road, Galleywood.
 Mr. P. E. Metson, Longlea Boarding Kennels, Nathans Lane, Highwood.
 Messrs. J. H. and B. G. Bailey, Ladybird Kennels, Roman Road, Ingatestone.
 Miss M. Auret, Stonecroates, Little Leighs.
 Mr. P. J. Poston, Homefield Kennels, Main Road, Widford (Margaretting).
 Mrs. M. Neave, Buckhatch Farm, Rettendon Common, Rettendon.
 Mr. G. L. Lindsey, Gayfields, Woodham Road, Battlesbridge, Rettendon.
 Mr. F. A. W. Barker, Chelmerston Kennels, Roxwell Road, Roxwell.
 Miss J. E. Heard, Sandon Hall Bungalow, Sandon.
 Miss M. E. Bailey, Fairybridge Kennels, Domsey Lane, Little Waltham.
 Mr. L. S. Smith, Brainwood, Cooksmill Green, Writtle.

PUBLIC CLEANSING

Refuse Collection

The incentive bonus scheme, inaugurated in February, 1962, continued to be a major factor in reducing labour difficulties in an area of full employment. Housing development in the District necessitated a small increase in the number of vehicles and men, not only to maintain the present service but also to improve it in certain built-up areas and village centres.

In the case of the small and diminishing number of properties on unmade roads which cannot be given a house-to-house service, road-end collections were made from paper sacks in free-standing metal holders. About 12,100 (10,560 in 1963) premises are scheduled to receive a weekly collection and 5,430 (6,340 in 1963) a fortnightly one.

The bulk container system of collection from such premises as canteens, schools, flats and shops, which was first introduced into the District in June, 1963, has been gradually extended. Sixteen containers were out on loan at the end of 1964; a further twelve containers owned by the Corporation of Chelmsford were installed in blocks of flats and have been regularly serviced.

In January, a Working Party on Refuse Collection was set up by the Minister of Housing and Local Government and during the year evidence on the Council's behalf was submitted.

Refuse Disposal

The bulk of the refuse arising from the District was disposed of in a worked-out gravel pit owned by the Council and situated off the Little Waltham Road, Broomfield. In pursuance of the Council's policy to eliminate sites where indiscriminate dumping

of refuse has taken place, the following small tips have, during the year, been operated on a short-term basis, dealing only with refuse arising from nearby parishes:—

	Started	Completed
1. Disused gravel pit, Lodge Road, Writtle	March, 1963	February, 1964
2. Roadside pond near Chobbings Farm, Chignal	December, 1963	January, 1964
3. Roadside pond, Parsonage Lane, Margaretting	March, 1964	May, 1964
4. Disused gravel pit, Twitty Fee, Danbury	July, 1964	December, 1964
5. Low-lying land at rear of Mill Hill Farm, Rettendon	May, 1964	June, 1964

In each case, the land has been restored to some useful purpose.

The levelling and consolidation of the refuse and the spreading of covering soil at all these sites were carried out by the use of a dozer-shovel. The "Brayloader BL 430" (No. 3), purchased in 1961, and the "Weatherill L61" (No. 4), purchased in 1963, continued to give excellent service.

The Council may be proud of the standard maintained at its refuse tips and it is worthy of note that on the recommendation of the Ministry of Housing and Local Government, a Public Health Officer of The Netherlands' Ministry of Social Affairs and Public Health visited the refuse tips in the course of his study of controlled tipping as a method of disposal of refuse for The Netherlands. This visit was made shortly after a similar visit by a representative of the Duchy of Cornwall, who was investigating methods of refuse disposal for use in the Isles of Scilly. The Chelmsford Rural District Council was, in 1929, the first local authority in Essex to adopt what was then known as the "Bradford" system of controlled tipping.

Public Cleansing Depot

The new range of garages and workshops was completed early in the year. The total accommodation now comprises garages for eighteen vehicles, workshop, spare parts store, office, general store, messroom, locker room, clothes-drying room, sanitary accommodation and toilets. The yard is concreted and contains a vehicle washdown area.

Transport

The transport for the public cleansing service consisted of the following vehicles:—

Vehicle No.	Make	Capacity in cu. yds.	Date Purchased	Mileage 1964
*5	Shelvoke & Drewry (W Type)	11	1948	2,620
7	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1954	7,048
9	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1957	6,547
10	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1957	10,592
11	Karrier	7	1958	7,499
12	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1958	6,927
13	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1958	11,293
14	Shelvoke & Drewry (Diesel Side Loader)	11	1959	9,502
15	Shelvoke & Drewry (Diesel Side Loader)	11	1960	8,125
16	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	12/14	1960	9,925
17	Ford	3	1961	13,603
18	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	12/14	1962	11,648
19	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper — Bulk Loader)	16/18	1962	8,958
20	Bedford 15 cwt.	—	1963	7,201
21	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper — Bulk Loader with Powerpress) ...	25	1963	9,414
†22	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper — with Powerpress)	25	1964 (June)	6,138
†23	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper — with Powerpress)	25	1964 (June)	5,669
	Austin A.55	—	1959	6,544
				149,253

* Taken out of service during 1964.

† Brought into service.

Maintenance and repair of all the Department's vehicles is undertaken in the workshop by one fitter/mechanic and one assistant. On rare occasions, specialist work is put out to private garages. The workshop equipment includes automatic air compressor, welding equipment and engine-lifting crane.

Salvage

The salvage bonus scheme continued in operation. One-third of the proceeds are retained by the Council, the remaining two-thirds being allocated to the workmen.

During the year, the total proceeds under this scheme amounted to £286, of which the Council retained £95.

Indiscriminate Dumping of Rubbish

As the District surrounds Chelmsford and is in close proximity to London, the anti-social habit of throwing rubbish indiscriminately on to the greenswards and in ditches and ponds and other places is often in evidence throughout the District. Some local residents are not blameless in this matter.

The Council tries to set a good example, for it provides a free disposal service at the refuse tips, it will arrange collections, free or at a nominal charge, for bulky and unwanted articles, and will collect, usually free of charge, unsightly deposits of refuse provided they are collected together in one heap in a spot accessible for vehicles.

There has been an increasing demand for the Council's special collection and disposal service for bulky articles and it may prove necessary for one vehicle and a man to be employed full-time on this work in the near future. Co-operation is always offered to Parish Councils in connection with Village Anti-Litter campaigns. One hundred and four litter bins, provided by Parish Councils, are regularly emptied by the refuse collectors.

Nightsoil Collection

The weekly collection of nightsoil is carried out in the following parishes by a contractor, Mr. G. Barker, of Steeple, for the sum of £80 a quarter.

<i>Parishes</i>	<i>No. of houses</i>
Rettendon	
Battlesbridge	21
Woodham Ferrers	63

Cesspool Emptying Service

This service came into operation on the 18th February, 1963, and by the end of 1964 998 applications had been received.

The scheme is carried out by contract by Messrs. Purle Brothers, of Thundersley. The charges are 35/- for the first 750 gallons load and 23/6 for each additional load or part thereof. These charges are for the emptying of the cesspool only and do not include any charges for the cleansing of any choked or blocked drain, trap or inspection chamber or for the digging out of sludge. The charges for such additional work are negotiated direct with the contractors.

PETROLEUM LICENCES IN FORCE DURING 1964

During the year 183 licences to store petroleum spirit were granted. Of these 126 were for private installations (not for re-sale to the public) and 57 for filling stations.

The total licensed storage capacity was 324,040 gallons for petroleum spirit and 350 gallons for cellulose.

The amount received in fees was £144.