

[Report 1962] / Medical Officer of Health, Chelmsford R.D.C.

Contributors

Chelmsford (England). Rural District Council.

Publication/Creation

1962

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CHELMSFORD
RURAL DISTRICT COUNCIL

Annual Reports



OF

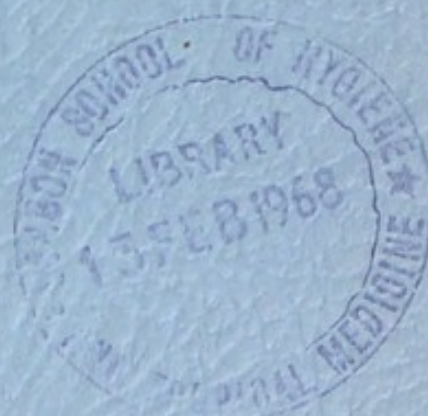
MEDICAL OFFICER of HEALTH

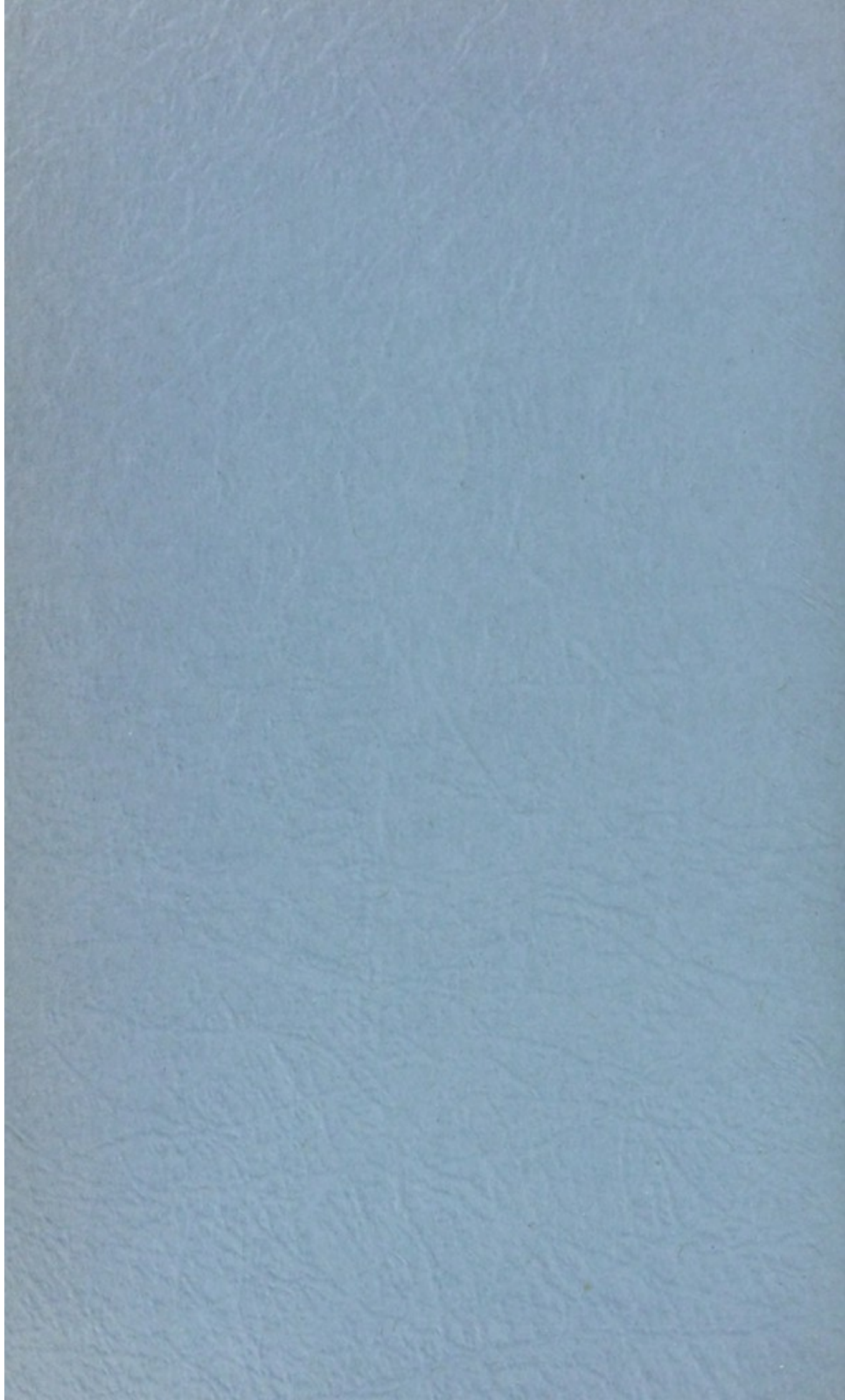
AND

CHIEF PUBLIC HEALTH INSPECTOR

FOR

1962





CHELMSFORD
RURAL DISTRICT COUNCIL

Annual Reports

OF

MEDICAL OFFICER of HEALTH

AND

CHIEF PUBLIC HEALTH INSPECTOR

FOR

1962

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 S. Moye.

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.*

Public Cleansing Inspector :

E. J. Moore.

Clerical Staff :

R. H. Hawkes.

Mrs. A. B. Fleming.

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

October, 1963

Mr. Chairman, Ladies and Gentlemen,

I present for your consideration my ninth Annual Report covering the year 1962.

The health of the District remained good throughout the year and I received few complaints which were not connected with the provision of housing accommodation.

It is surprising the number of pitfalls awaiting those who wish to house themselves within a reasonable period of time; either they are pressed into occupying a semi-derelict property at a high rent on the assurance that they will soon qualify for a Council house or they are persuaded to buy a caravan or rent a site in a caravan park at a relatively high cost.

I find young couples paying as much to rent a small caravan as it would cost to buy a house through a building society. These couples, who will have the responsibility for the future of our country, find the arrival of a child is not a source of rejoicing but often the cause of anxiety and discomfit.

Restrictions prevent Local Authorities from providing sufficient houses and the rising cost of living prevents young people from acquiring the necessary capital to put down a deposit for a house. To avoid this misery and ill health a vigorous housing policy is needed giving greater facilities to young home buyers. In many countries it is possible for newly-weds to purchase a house without having to find the initial deposit and I have yet to be given a valid reason why this could not be done here. In the meantime, one must hope that voluntary societies and local organizations will do all they can to help in this matter.

Although the population of the District has increased rapidly and many of the immigrants are unused to country life, the number of complaints which I have received is gratifyingly small.

The Council's scheme for extending the refuse collection service is working successfully and reflects credit on the staff of your Health Department.

I have the honour to be, Ladies and Gentlemen,

Your obedient servant,

T. D. BLOTT.

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:

Mr. W. H. Orr.

Vice-Chairman of Public Health Committee:

Mrs. A. L. Mitchell.

LIST OF COMMITTEES OF THE COUNCIL:

General Purposes and Staffing.

Finance.

Buildings and Planning.

Public Health.

Housing.

Re-Housing.

Slum Clearance.

Estates Management.

Drainage and Water.

Council and Staff Joint.

Civil Defence.

Reception (Civil Defence).

The Council is represented on the:—

Chelmsford Joint Sewerage Committee.

South-East Essex Superannuation Joint Committee.

Chelmsford Borough and Rural District Road Safety Committee.

East Central-Essex Area Planning Sub-Committee.

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

Essex County Branch, Rural District Councils' Association.
Divisional Executive Education Committee.
Mid-Essex Health Area Sub-Committee.
Old People's Committee.
Chelmsford Hospital House Committee.
Essex Boroughs and District Councils' Association.
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.

National Assistance Act, 1948

Section 47. This section is concerned with the removal of aged and infirm persons from their homes when they are not receiving adequate care and attention. In most cases after the position has been explained to them, the persons concerned consent to leave home voluntarily, but sometimes legal action is necessary as a last resort.

Section 50. The Council has the duty to arrange the burial or cremation of the body of any person who has died or is found dead in its area, when no other suitable arrangements can be made.

From 1948 to 1961, forty-seven such burials were arranged and during 1962 arrangements were made for the burial of two persons.

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.
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 Tuesday, 2 p.m.
Ramsden Heath ...	Y.M.C.A. Hall, Ramsden 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 ...	Village 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 Tuesdays, 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. 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.

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

Infected Diseases	Total Cases Notified	Under 1	1-2	2-3	3-4	4-5	5-9	10-14	15-24	25 & over
Measles ...	280	11	17	29	37	29	150	6	—	1
Pneumonia ...	6	—	—	—	—	—	2	—	—	4
Enteritis ...	1	—	—	—	—	—	—	—	—	1
Scarlet Fever ...	11	—	—	—	2	1	2	2	2	2
Whooping Cough ...	20	—	3	1	2	5	7	1	—	1
Dysentery ...	3	1	—	—	1	1	—	—	—	—
Ophthalmia Neonatorum ...	1	1	—	—	—	—	—	—	—	—
Infective Hepatitis ...	1	—	—	—	—	—	—	1	—	—
TOTALS ...	323	13	20	30	42	36	161	10	2	9

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	...	...	...	1	—	—	—
15—24	...	...	...	—	—	—	—
25—44	...	...	...	3	3	—	—
45—64	...	...	...	3	—	—	—
65 & over	...	...	...	2	1	—	—
TOTALS	...	...	...	9	4	—	—

*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 four. 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*, 1963.

Total amount of water supplied	...	675,724,000	gallons
Total length of water mains in use	...	269.1	miles
Total number of supplies afforded	...	16,354	
Total number of metered supplies	...	1,770	
New supplies afforded	...	558	
New mains laid	...	1.771	miles
Mains renewed	...	4.005	miles
Number of burst mains repaired	...	179	
Number of burst service pipes repaired		164	

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

In addition to the water supplied from the Council's mains, a total of 33,000,000 gallons was supplied by the Southend Waterworks Company during the year 1962 to the parish of Mountnessing, part of the parish of South Hanningfield and a small part of the parish of 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 and the scheme to remedy these defects is now being put out to tender.

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.

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 spa ...	2,814	—	8,600	—
ospa ...	896	—	2,800	—
Little Baddow ...	387	—	1,200	—
Boreham ...	463	—	1,450	—
Broomfield ...	829	—	2,553	—
Chignal ...	119	2	370	6
Danbury ...	1,120	—	3,400	—
Good Easter ...	134	—	410	—
East Hanningfield ...	149	—	460	—
South Hanningfield ...	—	—	—	—
Ramsden Heath ospa ...	107	—	330	—
West Hanningfield ...	211	—	650	—
Highwood ...	194	—	600	—
Ingatestone and Fryerning ...	1,257	—	3,903	—
Great and Little Leighs ...	325	3	1,000	9
Margaretting ...	326	—	1,010	—
Mashbury ...	41	—	130	—
Mountnessing ...	—	—	—	—
Pleshey ...	122	—	380	—
Rettendon ...	428	6	1,330	18
Roxwell ...	376	—	1,170	—
Runwell ...	1,026	6	3,200	18
Sandon ...	298	—	920	—
Springfield ...	143	6	440	18
Stock ...	522	—	1,600	—
Great Waltham ...	638	—	1,980	—
Little Waltham ...	369	—	1,139	—
Woodham Ferrers ...	762	24	2,370	72
Writtle ...	1,117	—	3,470	—
	15,175	45	46,865	135

Total population supplied in District, 47,000.

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

(CHEMICAL RESULTS IN PARTS PER MILLION)

Appearance	...	...	...	Faint opalescence with a few particles
Turbidity (Silica Scale)	...	...	...	Less than 3
Colour A.P.H.A.	...	...	...	10
Odour	...	...	...	Nil
Reaction pH	...	...	...	8.4
Free Carbon Dioxide	...	...	...	Absent
Electric Conductivity	...	...	...	630
Dissolved Solids dried at 180°C	...	...	...	420
Chlorine present as Chloride	...	...	...	71
Alkalinity as Calcium Carbonate	...	...	...	30
Hardness: Total	...	...	...	145
Carbonate	...	...	...	30
Non-Carbonate	...	...	...	115
Nitrate Nitrogen	...	...	...	3.3
Nitrite Nitrogen	...	...	...	Approx. 0.01
Ammoniacal Nitrogen	...	...	...	0.11
Albuminoid Nitrogen	...	...	...	0.16
Oxygen Absorbed	...	...	...	1.6
Residual Chlorine	...	...	...	0.2 at sampling
Metals: Zinc, copper and lead	...	...	...	Absent
Iron	...	...	...	0.06

BACTERIOLOGICAL RESULTS

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

1 day at 37°C = 8

2 days at 37°C = 9

3 days at 20°C = 600

Presumptive Coliform Reaction	Absent from 100 ml.
Bact. coli (Type 1)	...
Cl. Welchii Reaction	...
	Absent from 100 ml.

REPORT

This sample is practically clear and bright in appearance, faintly alkaline in reaction and free from metals apart from a very minute trace of iron. 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
	(Average of Weekly Analyses)	(Average of Weekly Analyses)
Total Dissolved Solids ...	503	394
pH Value ...	7.90	7.85
Residual Chlorine, Cl. ...	0.27	0.28
Chlorides, Cl. ...	49	44
Nitrate Nitrogen ...	3.68	2.38
Nitrite Nitrogen ...	0.002	0.001
Hardness, non-carbonate ...	124	134
„ carbonate ...	236	137
„ total ...	360	271
Free Ammonia (NH ₃) ...	0.18	0.15
Albuminoid Nitrogen ...	0.10	0.15
Oxygen Absorbed (4hrs./27°C) ...	1.29	1.43
Iron (Fe) ...	0.02	0.01

Bacteriological Examinations

No. of Tests during year	314	311
% of samples which were free from Bact. Coli (Type 1) in 100 ml. ...	100.0	100.0
% of samples which were free from Coliform bacteria in 100 ml. ...	99.7	100.0
Maximum count of Coliform bacteria per 100 ml. ...	1	—

STREET LIGHTING

Street lighting is provided in the following parishes:—

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

Since last year, street lighting has been provided at Boreham, South Hanningfield (Ramsden Heath area) and Woodham Ferrers. In addition, several schemes have been carried out to improve lighting in the District.

TOWN AND COUNTRY PLANNING

The Rural District is within the area of the East Central Essex Planning Committee.

The Council, under delegated powers from the Essex County Council, deals with applications for permission to develop.

SEWERAGE

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

Great Baddow
Broomfield
South Hanningfield (Ramsden Heath area)
Ingatestone and Fryerning
Mountnessing
Rettendon (part)
Roxwell
Runwell
Great Waltham
Little Waltham
Writtle

The Danbury and Other Parishes Sewerage Scheme was under construction during the year.

HOUSING**NUMBER OF HOUSES ERECTED DURING 1962**

<i>Parish</i>	<i>Council</i>	<i>Private</i>
Great Baddow (inc. Galleywood)	77	150
Little Baddow	—	9
Boreham	—	7
Broomfield	—	20
Chignal	—	3
Danbury	10	31
Good Easter	—	—
East Hanningfield	—	3
South Hanningfield	—	32
West Hanningfield	—	12
Highwood	—	2
Ingatstone and Fryerning	—	77
Great and Little Leighs	—	3
Margaretting	33	1
Mashbury	—	—
Mountnessing	—	6
Pleshey	—	—
Rettendon	—	5
Roxwell	—	—
Runwell	—	68
Sandon	—	3
Springfield	—	—
Stock	21	21
Great Waltham	—	8
Little Waltham	—	7
Woodham Ferrers	—	4
Writtle	—	28
Totals	141	500

Since 1946, 2,070 Council houses and 3,603 private houses have been erected in the District.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (acres)	...	...	...	86,506 (land and inland waters)
Home population (estimated, June, 1962)	...	...	...	49,720
Number of houses, 1962	...	...	...	16,307
Census population, 1961	...	...	...	48,026

The rateable value of the district for the half-year commencing 1st April, 1962, was £524,091.

The sum represented by a penny rate, year ended 31st March, 1962 £1,986

Live births (Male 502, Female 466)	...	...	968
Live birth rate per 1,000 population	...	...	19.4
Illegitimate live births per cent of total live births	...	...	4.8
Still births	...	...	15
Still birth rate per 1,000 live and still births	...	...	15.3
Total live and still births	...	...	983

Infant Mortality Rates

Total infant deaths per 1,000 total live births 22.8

Neo-Natal Mortality Rate (deaths under 4 weeks
per 1,000 total live births) 7.28

Early Neo-Natal Mortality Rate (deaths under
1 week per 1,000 live births) 6.24

Perinatal Mortality Rate (still births and deaths
under 1 week combined per 1,000 total live
and still births) 21.3

Maternal deaths (including abortion)	Nil
Maternal mortality rate per 1,000 live and still births ...	Nil
Deaths:— Male 276 } Crude death rate per 1,000 Female 284 } of estimated resident popu- Total 560 } lation	
Registrar General's Comparability Factor of { Births 0.99 Deaths 0.92	
Corrected Death Rate	10.4
Death Rate for England and Wales	11.9
Number of deaths under one year of age	10
Number of deaths under 4 weeks of age	13

Natural increase of population, namely the excess in the number of live births over the number of deaths since 1943 is shown in the following tabular statement.

Year	Number of Births	Deaths	Increase
1943	584	387	197
1944	670	427	243
1945	586	358	228
1946	693	396	297
1947	770	428	342
1948	726	371	355
1949	690	391	299
1950	642	405	237
1951	589	413	176
1952	590	402	188
1953	641	470	171
1954	602	455	147
1955	666	514	152
1956	680	499	181
1957	738	523	215
1958	783	484	299
1959	749	504	245
1960	830	502	318
1961	916	566	350
1962	968	560	408

The following table classifies the deaths according to cause and sex

Cause of Death	Males	Females	Totals
Tuberculosis, respiratory	3	1	4
Tuberculosis, other	—	—	—
Syphilitic disease	—	1	1
Diphtheria	—	—	—
Whooping Cough	—	—	—
Meningococcal infections	—	—	—
Acute poliomyelitis	—	—	—
Measles	—	—	—
Other infective and parasitic diseases	—	1	1
Malignant neoplasm, stomach	4	11	15
Malignant neoplasm, lung, bronchus	28	6	34
Malignant neoplasm, breast	—	12	12
Malignant neoplasm, uterus	—	3	3
Other malignant and lymphatic neoplasms	33	26	59
Leukaemia, aleukaemia	1	—	1
Diabetes	3	3	6
Vascular lesions of nervous system	30	45	75
Coronary disease, angina	53	48	101
Hypertension with heart disease	3	3	6
Other heart disease	17	23	40
Other circulatory disease	17	19	36
Influenza	3	—	3
Pneumonia	31	37	68
Bronchitis	11	2	13
Other diseases of respiratory system	2	4	6
Ulcer of Stomach and duodenum	5	2	7
Gastritis, enteritis and diarrhoea	—	1	1
Nephritis and nephrosis	—	—	—
Hyperplasia of prostate	4	—	4
Pregnancy, childbirth, abortion	—	—	—
Congenital malformations	3	1	4
Other defined and ill-defined diseases	15	27	42
Motor vehicle accidents	3	—	3
All other accidents	5	8	13
Suicide	1	—	1
Homicide and operations of war	1	—	1
All causes	276	284	560

The deaths classified according to age were as follows:—

	Number of Deaths							
	Occurring in District		Of non-residents occurring in District		Of residents occurring outside District		Allotted to District	
	M	F	M	F	M	F	M	F
Under 1 year	1	1	—	—	3	5	4	6
1 and under 2	—	—	—	—	—	2	—	2
2 " " 5	—	—	—	—	—	—	—	—
5 " " 15	2	—	1	—	—	—	1	—
15 " " 25	—	—	—	—	1	1	1	1
25 " " 35	1	4	—	2	2	—	3	2
35 " " 45	4	5	1	2	2	5	5	8
45 " " 55	17	16	9	9	6	6	14	13
55 " " 65	30	32	15	9	20	10	35	33
65 " " 75	57	43	27	19	44	32	74	56
75 and over	83	133	19	25	58	46	122	154
Totals	195	234	72	66	136	107	259	275

These figures do not agree exactly with those given in the table of cause and sex on page 17 owing to subsequent transfers to other districts by the Registrar.

	Number of Dwellings	Estimated Population (Census 1962)
Great Baddow	3,586	10,530
Little Baddow	401	1,216
Boreham	474	1,448
Broomfield	830	2,507
Chignall	129	379
Danbury	1,124	3,330
Good Easter	135	413
East Hanningfield	150	453
South Hanningfield	647	1,886
West Hanningfield	215	649
Highwood	202	636
Ingatestone and Fryerning	1,269	3,725
Great and Little Leighs	354	1,062
Margaretting	311	921
Mashbury	42	125
Mountnessing	464	1,402
Pleshey	123	373
Rettendon	436	1,329
Roxwell	401	1,225
Runwell	1,035	4,090
Sandon	307	933
Springfield	162	492
Stock	544	1,584
Great Waltham	660	2,005
Little Waltham	375	1,132
Woodham Ferrers	795	2,428
Writtle	1,136	3,487
	16,307	49,720

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 1962.

As in previous years, the comments upon details of the work involved are made in the appropriate sections of the Report.

The meat inspection service continued to absorb so much of our thought and energy, often to the detriment of other important sections in the field of environmental health. Publication of the proposed Meat Inspection Regulations had not been made by the end of the year.

Against the ever present problems of maintaining the meat inspection service, I am pleased to report that the inauguration of an incentive bonus scheme for the refuse collectors has eased our problems in the maintenance of a regular refuse collection service. A pilot scheme was started in February and by the end of the year most of the teams had been brought into the scheme.

I record my appreciation and thanks to the Chairman and Members of the Council and of the Public Health Committee for their support and understanding throughout the year and to Dr. Blott for his friendly help and co-operation at all times. The loyal support of the staff continues to be a great asset to the smooth and happy working of the department.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

T. H. C. BARTROP.

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)	62
(b) Number of inspections and re-inspections made for the purpose	510
(2) Number of dwelling-houses included under sub-heading (1) above which were inspected and recorded under the Housing Consolidated Regulations	11
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	7
(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	52
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	40
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	2
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—	
By Owners	11
Proceedings under Sections 17 and 18 of the Housing Act, 1957:—	
(1) Number of dwelling houses in respect of which Demolition Orders were made	5
(2) Number of houses closed as a result of Closing Orders	Nil
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders:—	
By Owners	19
(4) Number of dwelling-houses rendered fit for human habitation as a result of owners complying with undertakings to carry out works of repair	6
(5) Number of houses demolished by owners as a result of informal action	3

INSPECTIONS AND PARTICULARS OF NOTICES FOR THE YEAR 1962

Nature of Inspection	Total Inspections	Notices Outstanding at end of 1961	Notices Served		Notices		
			Informal	Statutory	Complied with	Cancelled	Outstanding at end of 1962
Infectious Disease Inquiries ...	5	—	—	—	—	—	—
Disinfections ...	—	—	—	—	—	—	—
Houses Inspected under Public Health or Housing Acts ...	62	53	13	1	14	2	51
Re-inspections under Housing Acts ...	202	—	—	—	—	—	—
Re-inspections under Public Health Acts ...	146	—	—	—	—	—	—
Overcrowding ...	13	1	—	—	—	—	1
Dirty Condition of Houses ...	11	—	1	—	—	—	—
Water Closets ...	12	32	—	—	9	2	22
Privies and Pail Closets ...	9	4	—	—	1	—	3
House Drainage ...	524	149	38	1	39	11	138
Other Drainage ...	69	3	3	1	—	—	6
Water Supply ...	80	16	5	—	5	—	16
Urinals ...	10	2	1	—	1	—	2
Piggeries ...	35	—	3	1	—	—	4
Animals Improperly Kept ...	6	—	—	—	—	—	—
Rats and Mice ...	123	1	1	—	—	—	2
Insect Pests ...	21	—	—	—	—	—	—
Tents, Vans, Sheds and Similar Structures ...	391	1	—	—	—	—	1
Schools ...	3	1	—	—	—	—	1
Cowsheds and Dairies ...	2	—	—	—	—	—	—
Ice Cream Premises ...	157	—	—	—	—	—	—
Bakehouses ...	12	—	—	—	—	—	—
Catering Establishments ...	23	3	1	—	—	—	4
Butchers' Shops ...	11	—	—	—	—	—	—
Other Food Shops and Premises ...	37	7	2	—	1	1	7
Miscellaneous Food Visits ...	13	—	—	—	—	—	—
Slaughterhouse and Knackers Yard ...	1,195	4	1	—	1	—	3
Shops Act ...	—	—	—	—	—	—	—
Factories:—							
(a) with Mechanical Power	61	4	4	—	2	1	5
(b) without Mechanical Power ...	16	1	—	—	—	—	1
Outworkers ...	12	—	—	—	—	—	—
Rent Act ...	8	—	—	—	—	—	—
Improvement Grants ...	144	—	—	—	—	—	—
Clean Air Act ...	48	—	—	—	—	—	—
Noise Abatement Act ...	14	—	—	—	—	—	—
Public Cleansing:—							
Dustbins ...	83	14	23	—	13	4	30
Refuse Dumps ...	116	—	—	—	—	—	—
Miscellaneous ...	480	—	—	—	—	—	—
Petroleum Storage ...	43	—	—	—	—	—	—
Miscellaneous ...	268	12	16	—	6	2	20
TOTALS ...	4,465	308	111	4	92	24	307

The following table provides statistics of work done as a result of the service of Informal and Statutory Notices:—

Ashbins provided	...	...	...	...	...	...	11
Chimney stacks repaired or re-pointed	...	...	...	...	...	...	5
Ceiling plaster, repaired or renewed	...	...	...	...	...	...	3
Dampness remedied	...	...	...	...	...	...	8
Door frames, repaired or renewed	...	...	...	...	...	...	3
Eavesgutters and downspouts repaired or renewed	...	...	...	...	...	...	2
External walls repaired	...	...	...	...	...	...	5
Fireplaces and stoves, repaired or renewed	...	...	...	...	...	...	2
Floors repaired or re-laid	...	...	...	...	...	...	2
Internal wall plaster repaired or renewed	...	...	...	...	...	...	2
Roofs repaired or renewed	...	...	...	...	...	...	7
Window frames repaired	...	...	...	...	...	...	1
Miscellaneous repairs	...	...	...	...	...	...	3
Cesspool overflows abolished	...	...	...	...	...	...	2
Choked drains cleansed	...	...	...	...	...	...	1
Drainage systems provided, altered or repaired	...	...	...	...	...	...	4
Drainage cut off from ditches, water courses, etc.	...	...	...	...	...	...	17
Foul ditches cleansed	...	...	...	...	...	...	1
Wells repaired or cleansed	...	...	...	...	...	...	3
Main water supply provided	...	...	...	...	...	...	3
Sewer connections	...	...	...	...	...	...	21
Water closets provided	...	...	...	...	...	...	11
Water closet structures repaired or renewed	...	...	...	...	...	...	3
Water closet pedestals repaired or renewed	...	...	...	...	...	...	1
Miscellaneous items of work done	...	...	...	...	...	...	10

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

During the year, 25 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>
Little Baddow ...	...	...	...	...	2	2
Boreham ...	...	...	...	...	2	19
East Hanningfield ...	...	...	...	...	1	1
West Hanningfield ...	...	...	...	...	2	2
Highwood ...	...	...	...	...	2	17
Ingatestone ...	...	...	...	...	2	2
Great Leighs ...	...	...	...	...	1	1
Mountnessing ...	...	...	...	...	1	1
Pleshey ...	...	...	...	...	1	1
Rettendon ...	...	...	...	...	3	18
Roxwell ...	...	...	...	...	1	1
Runwell ...	...	...	...	...	1	1
Springfield ...	...	...	...	...	1	1
Stock ...	...	...	...	...	1	1
Great Waltham ...	...	...	...	...	1	1
Woodham Ferrers ...	...	...	...	...	1	1
					<hr/> 23	<hr/> 70
					<hr/>	<hr/>

Sites licensed for summer months only

Little Baddow ...	...	...	...	...	1	15
Rettendon ...	...	...	...	...	1	220
					<hr/> 2	<hr/> 235
					<hr/>	<hr/>

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	16	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	108	61	4	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	—	—	—	—
TOTAL	194	77	4	—

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	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 { Insufficient ...	—	—	—	—	—
{ Unsuitable or defective ...	4	2	—	—	—
{ Not separate for sexes ...	—	—	—	—	—
Other Offences against the Act (not including offences relating to outwork) ...	—	—	—	—	—
TOTAL	4	2	—	—	—

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 prosecu- tions for failure to supply lists (4)	No. of instances of work in unwhole- some premises (5)	Notices served (6)	Prosecutions (7)	
Wearing apparel—Making, etc.	22						
Upholstery, etc. ...	2	—	—	—	—	—	
Cardboard Boxes ...	1						
TOTAL	25	—	—	—	—	—	

SWIMMING POOL

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.

WATER ANALYSIS

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

Mains supply ...	...	...	...	47
Wells ...	...	...	...	4

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.
Danbury ...	...	...	E. Roast.
South Hanningfield ...	...	...	Stafford (Bakeries) Ltd.
Ingatestone and Fryerning ...	...	...	E. Warder. S. Raven.
Rettendon ...	...	...	H. and E. Benson.
Great Waltham ...	...	...	Bigg Bros.
Little Waltham ...	...	...	E. W. Amos, Ltd.
Woodham Ferrers ...	...	...	Taylor and Woodland.
Writtle ...	...	...	A. W. Hance.

ESSEX COUNTY COUNCIL, ACT, 1933

Ice Cream

During the year the premises of every vendor on the register were visited. The number of registered premises is now 139.

The retailers' sources of supply and premises are investigated before certificates are issued.

Ice Cream Sampling

Six samples of ice cream and twelve samples of ice lollies were submitted to the bacteriologist for examination.

All the samples were reported upon as satisfactory.

CONDEMNED FOODSTUFFS

The following foods were condemned as unfit for human consumption:—

	No. of tins		No. of tins
Apricots	1	Luncheon Meat (4lb.) ...	2
Beans	2	Oranges	3
Baby Food	2	Peaches	8
Corned Beef (6lb.) ...	3	Pears	3
Corned Beef (4lb.) ...	3	Peas	4
Corned Beef (12oz.) ...	1	Pilchards	1
Cream	2	Pineapple	10
Creamed Rice	2	Plums	1
Evaporated Milk ...	6	Raspberries	1
Fruit Salad	1	Salmon	28
Grapefruit	8	Soups	3
Luncheon Meat	3	Stewed Steak	1

Miscellaneous

	Pounds		Pounds
Bacon	20	Lambs' Livers	20
Butter Beans	12	Cooked Pork	5
Boned Beef	112	Currants	28

MEAT INSPECTION

A one hundred per cent. meat inspection service was again maintained throughout the year. On five evenings a week, meat inspection was in operation until a late hour; on every Sunday and Bank Holiday there was no respite. This overtime was in addition to the many hours spent during normal office hours and it inevitably seriously interfered with the routine work of the department and with the normal domestic life of the Inspectors.

During the year, 88,675 animals were killed and inspected—an increase of 11.7% over last year's figure. The total weight of meat condemned was 54,745 pounds, an increase of 3.05%. All condemned meat is conveyed under our supervision to the Knackers Yard of Messrs. Harrison, Barber and Company Limited, from where it is transferred to their London works for processing into glycerine, fertilisers, etc.

TABLE I

Animals inspected and number affected with disease, etc. (The figures in brackets relate to the year 1961.)

	<i>Cattle excluding Cows</i>			<i>Sheep and Lambs</i>	
	<i>Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Lambs</i>	<i>Pigs</i>
Number inspected ...	6,241 (5,946)	1,274 (1,132)	1,119 (1,008)	36,211 (31,793)	43,830 (39,487)
ALL DISEASES EXCEPT TUBERCULOSIS					
Whole carcasses condemned	— (4)	6 (5)	5 (3)	16 (9)	47 (19)
Carcasses of which some part or organ was condemned ...	1,890 (1,628)	239 (210)	8 (2)	847 (869)	5,933 (4,853)
Percentage of the number inspected affected ...	30.2 (27.4)	19.2 (18.9)	1.2 (0.5)	2.4 (2.7)	13.6 (12.3)
TUBERCULOSIS ONLY					
Whole carcasses condemned	— (—)	1 (2)	— (—)	— (—)	— (—)
Carcasses of which some part or organ was condemned ...	35 (50)	15 (64)	6 (2)	— (—)	446 (600)
Percentage of the number inspected affected ...	0.6 (0.8)	1.3 (5.8)	0.5 (0.3)	— (—)	1.0 (1.5)

In addition to the above-mentioned condemnations, 14 (11 in 1961) 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 carcase musculature as well as in the usual sites of predilection.

In the following table is set out the number of the various kinds of animals inspected during each of the past eight years, together with the amount of meat and edible offal condemned.

TABLE II

		<i>Cattle excluding cows</i>	<i>Cows Calves</i>		<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Total</i>	<i>Total weight of meat condemned</i>		
								tons	cwts.	lb.
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

The amount of meat condemned shows a slight increase compared with the amount for 1961. The amount of tubercular meat (2 tons, 9cwt. 62lb.) was approximately one-eleventh of the total, compared with one-sixth in 1961. These figures reflect the effect of the Bovine Tuberculosis Eradication Scheme of the Ministry of Agriculture, Fisheries and Food.

The whole of the meat condemned was voluntarily surrendered by those concerned and it was not necessary to resort to any legal action. An amicable understanding exists between butchers and the department and in no case has our judgment been 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.

TABLE IV: 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.

PUBLIC CLEANSING

Refuse Collection

The inauguration of an incentive bonus scheme, approved in principle by the Council in 1961, took place in February with the establishment of a pilot scheme. This followed discussions with the refuse collectors and their Union representative. This trial showed the advantages of such a scheme to the workmen and to the Council and by the end of the year nearly all the teams had been brought into the scheme. The scheme is based on a bonus for each premises collected above a daily target figure. This target varies with the type of route—urban, semi-urban or rural—and its distance from the tip.

The scheme has increased the amount in the pay packets, it has attracted the younger worker and has almost eliminated the rapid turnover in staff. The collections are more regular and in some cases increased frequencies have been possible. The labour force has been reduced by natural wastage and an optimum minimum of 32 refuse collectors (instead of 39) has been reached.

The development of the District continues apace and a gradual build-up of the labour force from its present number is inevitable.

With few exceptions (these being mostly on unmade roads), all premises now receive the refuse collection service; 8,320 premises are scheduled to receive a weekly collection and 7,990 premises are scheduled to be visited fortnightly.

I take this opportunity of thanking all those concerned with the scheme for their co-operation in making it work..

Refuse Disposal

The disused gravel pit (approximately twelve acres in extent) at Waltham Road, Broomfield (now owned by the Council), was in regular use as a refuse tip. The tip at Mayes Lane, Sandon (which was rented) continued in use until the end of June when it was completed.

Depot

This consists of fourteen garages, small workshop and spare parts store, office, general store, messroom, locker room, drying room and toilets. The greater part of the yard is concreted and there is a 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 1962
*3	Shelvoke & Drewry (Mark II)	11	1947	289
5	Shelvoke & Drewry (W Type)	11	1948	5,190
6	Shelvoke & Drewry (W Type)	11	1950	5,998
7	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1954	6,627
8	Ford ...	2	1956	6,155
9	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1957	7,423
10	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1957	10,291
11	Karrier ...	7	1958	7,659
12	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1958	10,566
13	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1958	12,367
14	Shelvoke & Drewry (Diesel Side Loader) ...	11	1959	8,213
15	Shelvoke & Drewry (Diesel Side Loader) ...	11	1960	9,850
16	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	12/14	1960	11,068
17	Ford ...	3	1961	16,511
†18	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	12/14	1962 (April)	8,530
†19	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper — Bulk Loader) ...	16/18	1962 (August)	4,355
	Austin A.55 ...		1959	7,991
Total ...				139,083

* Taken out of service. † Brought into service.

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 amounted to £580, of which the Council retained £193.

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	...	...	...	32
Hoe Lane	...	...	...	14
Woodham Ferrers	...	...	...	79

PETROLEUM LICENCES IN FORCE DURING 1962

During the year, 178 licences to store petroleum spirit were granted. Of these 123 were for private installations (not for re-sale to the public) and 55 for filling stations.

The total licensed storage capacity was 298,640 gallons for petroleum spirit and 300 gallons of cellulose.

The amount received in fees was £134 15s. 0d.

