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4 SEP 1963

RURAL DISTRICT COUNCIL OF DUNMOW

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year

1962

together with the

REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR



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RURAL DISTRICT COUNCIL OF DUNMOW

PUBLIC HEALTH COMMITTEE

Chairman: G.E. Stock, Esq.

Vice-Chairman: D.R. Millard, Esq.

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PUBLIC HEALTH OFFICERS

Medical Officer of Health:-

C.R.C. RAINSFORD, MD., D.P.H., D.T.M.

Chief Public Health Inspector:-

R.P.MAY, M.R.S.H., M.A.P.H.I., Cert. R.S.H. and P.H.I.E.B.
Certificated Inspector of Meat and Other Foods

Deputy Chief Public Health Inspector:-

D.J.GWYNN, M.A.P.H.I., Cert. R.S.H. and P.H.I.E.B.
Certificated Inspector of Meat and Other Foods

Additional Public Health Inspector:-

N. JACKSON, M.A.P.H.I., Cert. R.S.H. and P.H.I.E.B.
Certificated Inspector of Meat and Other Foods
Diploma in Smoke Inspection

Chief Clerk:-

G. H. MASON

Clerk/Typist:-

Mrs S.P. GROUT (to 12th October, 1962)
Miss C.A. HAWKES (from 15th October, 1962)

Public Health Offices,
Town Hall,
Braintree.

August, 1963.

Mr. Chairman, Ladies and Gentlemen,

Once again I have pleasure in presenting to you my annual report. The year 1962 was an uneventful one with no epidemics and no unusual trend in the pattern of vital statistics. The population increased by 200 over 1961 and the corrected birth rate was 18.5 per thousand as against 17.1 per thousand in the previous year. The corrected death rate of 11.1 per thousand estimated population was almost identical with that of 1961.

Both still births 2 (6) and infant deaths 10 (12) were down, the figures in brackets refer to 1961.

Of the infants who died 7 were premature and 3 had some congenital abnormality. All but one of these deaths occurred under one week and were therefore early neo-natal deaths. Prematurity is one of the main causes of infant deaths and a great deal of work is being done by medical research workers in trying to elucidate its causes and prevention.

There were 246 deaths from all causes and of these 120 were from cardio vascular disease and 50 from malignant tumours.

NOTIFIABLE INFECTIOUS DISEASE

Only 5 cases of Sonne dysentery were notified, a big improvement on 1961 with 47.

The incidence of measles too was lower, 48 cases compared with 323. Once again there were nil returns for diphtheria and poliomyelitis and for the first time for whooping cough. This is encouraging as active immunisation campaigns have been undertaken against these 3 diseases. None of these diseases has been eliminated and I would add a warning against complacency and stress the importance of parents seeing that their children are immunised.

I must report an increase in the incidence of Infective Hepatitis, commonly known as jaundice. In all 23 cases were notified 20 from Takeley.

IMMUNISATION

Immunisation sessions were held as in previous years at the Essex County Council Clinics and at the surgeries of the general practitioners.

An innovation at the County Council Clinics was the use of the triple vaccine (for infants) which protects against tetanus as well as diphtheria and whooping cough. Some practitioners have been using this vaccine for a number of years. A start too was made to immunise against tetanus school children who had already had their whooping cough and diphtheria injection.

This service is run by the Essex County Council and I am indebted to Dr. Miller Wood for the figures given later in the report.

ENVIRONMENTAL HYGIENE

Only 6 Council houses were completed during the year. Thirty four were under construction and a further 94 planned for 1963/4. At the end of the year there were 374 applicants on the books for Council houses.

With rising costs the provision of adequate sewers and sewage disposal works in rural areas becomes more difficult year by year. A great deal has already been done in the Dunmow district and it is satisfactory to know that the good work is proceeding. Three schemes were completed during the year and work re-commenced on the Great Easton Duton Hill extensions. Plans have been laid for further works in 1962/3 and 1963/4.

As usual water samples were taken periodically for analysis, all proved satisfactory.

The Fluoride content of the Dunmow water is 1 part per million and of the Thaxted water .45 part per million. This is of interest as the advisability of adding Fluoride to water supplies to achieve the optimum of 1 part per million will be under discussion in the next year or so.

The great majority of medical and dental experts agree that a water supply with 1 part per million of fluorine would reduce the incidence of dental caries by at least fifty per cent.

I am glad to record my thanks to the Chairman and members of the Public Health Committee for their help and support.

I am grateful too for ready assistance from officers of the Council and for the sterling work done by the Public Health Inspectors.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

C. R. C. RAINSFORD

Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	...	72,836
Population (Registrar-General's estimate mid-1962)	...	20,760
Number of houses according to rate books	...	7,055
Rateable value	...	£219,742
Sum represented by a penny rate	...	£855
Number of Marriages during the year	...	166

VITAL STATISTICS

Live Births

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	356	184	172
Illegitimate	23	11	12
Total live births -	379		

Birth rate per 1,000 estimated population	...	18.3
Illegitimate Live Births per cent of total live births	...	6.1
Birth rate corrected by comparability figure of 1.01	...	18.5
Birth rate for England and Wales per 1,000 population	...	18.0

Still Births

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	2	-	2
Illegitimate	-	-	-

Rate per 1,000 total live and still births	...	5.2
Total live and still births -	381	
Rate per 1,000 total births England and Wales	...	18.1

Infant Deaths

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Deaths of infants under 1 year			
Legitimate	10	6	4
Illegitimate	-	-	-
Total infant deaths -	10		

Infant Mortality Rates

Total infant deaths per 1,000 total live births	...	26.4
Legitimate infant deaths per 1,000 legitimate live births	...	28.1
Illegitimate infant deaths per 1,000 illegitimate live births	...	Nil

Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	...	26.4
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	...	23.7
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births)	...	28.8
Infantile Mortality for England and Wales per 1,000 live births	...	21.4

Maternal Mortality (including abortion)

Number of deaths	...	Nil
Rate per 1,000 total live and still births	...	Nil

Deaths

	<u>Total</u>	<u>Male</u>	<u>Female</u>
	246	135	111
Death rate per 1,000 estimated population		...	11.9
Death rate corrected by comparability figure of 0.93		...	11.1
Death rate per 1,000 population England and Wales		...	11.9

DEATHS FROM ALL CAUSES, 1962

The table below was compiled from figures supplied by the Registrar General and the Classification is given under the thirty-six headings based on the Abbreviated List of the International Statistical Classification of Diseases, Injuries and Causes of Death, 1948.

			Male	Female
1.	Tuberculosis, respiratory	...	-	-
2.	Tuberculosis, other	...	-	-
3.	Syphilitic disease	...	-	-
4.	Diphtheria	...	-	-
5.	Whooping Cough	...	-	-
6.	Meningococcal infections	...	-	-
7.	Acute poliomyelitis	...	-	-
8.	Measles	...	-	-
9.	Other infective and parasitic diseases	...	-	-
10.	Malignant neoplasm, stomach	...	3	3
11.	Malignant neoplasm, lung, bronchus	...	5	1
12.	Malignant neoplasm, breast	...	-	5
13.	Malignant neoplasm, uterus	...	-	-
14.	Other malignant and lymphatic neoplasms	...	20	13
15.	Leukamia, aleukaemia	...	-	-
16.	Diabetes	...	-	-
17.	Vascular lesions of nervous system	...	15	17
18.	Coronary disease, angina	...	34	13
19.	Hypertension with heart disease	...	1	3
20.	Other heart disease	...	7	9
21.	Other circulatory disease	...	9	12
22.	Influenza	...	1	-
23.	Pneumonia	...	9	10
24.	Bronchitis	...	9	5
25.	Other diseases of respiratory system	...	1	4
26.	Ulcer of stomach and duodenum	...	1	-
27.	Gastritis, enteritis and diarrhoea	...	-	1
28.	Nephritis and nephrosis	...	-	1
29.	Hypertrophia of prostate	...	1	-
30.	Pregnancy, childbirth, abortion	...	-	-
31.	Congenital malformations	...	1	1
32.	Other defined and ill-defined diseases	...	13	12
33.	Motor vehicle accidents	...	4	-
34.	All other accidents	...	-	1
35.	Suicide	...	1	-
36.	Homicide and operations of war	...	-	-
All Causes			135	111

GENERAL PROVISIONS OF PUBLIC HEALTH SERVICES

(a) Under the control of the Essex County Council:-

(i) Clinics were held at the following Centres during the year:-

Attendances

GREAT DUNMOW - Essex County Health Services Clinic, New Street

Child Welfare	Every Friday	2 p.m.	1,343
Ante-Natal & Women's Welfare	1st Thursday	10 a.m.	56
School Clinic	2nd, 4th & 5th Mondays	9.30 a.m.	23
Dental Clinic	Tues. & Wed. all day.	10 a.m.	1,262
Speech Therapy (No Speech Therapist between 28.2.62 & 21.9.62)	Every Wednesday	10 a.m.	139

FELSTED - Memorial Hall

Child Welfare	2nd Tuesday	2 p.m.	542
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GREAT EASTON - Village Hall

Child Welfare	Last Friday	2 p.m.	130
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HATFIELD HEATH - Trinity Hall

Child Welfare	4th Tuesday	2 p.m.	473
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HIGH EASTER - Village Hall

Child Welfare	2nd Wednesday (Closed November 1962)	2 p.m.	230
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HIGH RODING - Women's Institute

Weighing Centre	1st Thursday	2 p.m.	180
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WHITE RODING - Village Hall

Child Welfare	4th Wednesday	2.15 p.m.	135
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STEBBING - Congregational
Schoolroom

Child Welfare	2nd Friday	2 p.m.	293
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TAKELEY - Congregational Church

Child Welfare	2nd Monday	2 p.m.	473
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THAXTED - Church Hall

Child Welfare	1st Friday	2 p.m.	442
---------------	------------	--------	-----

(ii) Home Help Service:-

This useful service is administered from the Area Health Office,
75, Springfield Road, Chelmsford.

(iii) Ambulance Service:-

The Ambulance Station is situated in New Street, Dunmow. A full
24 hour cover is provided.

(b) Under the control of the North-East Metropolitan
Regional Hospital Board:-

(i) Chest Clinics:-

These are held at St. Michael's Hospital, Braintree; Herts and
Essex General Hospital, Bishop's Stortford; and Saffron Walden
General Hospital, and cater for the needs of the Dunmow population.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE

DISEASES	Total Notified	Admitted to Hospital	Total Deaths
Diphtheria	-	-	-
Dysentery	5	-	-
Encephalitis	-	-	-
Enteric Fever	-	-	-
Erysipelas	-	-	-
Food Poisoning	1	-	-
Infective Hepatitis	23	1	-
Measles	48	-	-
Meningococcal Infection	-	-	-
Pneumonia	3	-	-
Puerperal Pyrexia	1	-	-
Paralytic Poliomyelitis	-	-	-
Non-paralytic Poliomyelitis	-	-	-
Scarlet Fever	2	-	-
Tuberculosis, Pulmonary	12	2	1
Tuberculosis, Non-pulmonary	-	-	-
Whooping Cough	-	-	-
Totals	95	3	1

INFECTIOUS DISEASES NOTIFIED ACCORDING TO AGE

DISEASE	At all ages	Under 1 year	1 year	2 years	3 years	4 years	5 - 9	10 - 14	15 - 19	20 - 34	35 - 44	45 - 64	65
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	5	-	-	1	-	-	2	-	-	-	-	1	-
Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	1	-	-	1	-	-	-	-	-	-	-	-	-
Infective Hepatitis	23	-	-	-	-	1	5	5	-	7	2	1	1
Measles	48	-	3	4	4	7	26	1	-	1	-	-	-
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic Polio- myelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	3	-	-	-	-	-	-	1	-	-	-	2	-
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	2	-	-	-	1	-	1	-	-	-	-	-	-
Tuberculosis, Pulmonary	12	-	-	-	-	1	-	1	2	3	1	2	2
Tuberculosis, Non- pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	95	-	3	6	5	9	34	8	2	11	3	6	3

INFECTIOUS DISEASES 1962

DISEASE	Total Notified	Aythorpe Roding	Little Bardfield	Barnston	Broxted	Great Canfield	Little Canfield	Chickney	Great Dunmow	Little Dunmow	Great Easton	Little Easton	Pelsted	Great Hallingbury	Little Hallingbury	Hatfield Broad Oak	High Easter	Hatfield Heath	High Roding	Leaden Roding	Lindzell	Margaret Roding	Stebbing	Takeley	Thaxted	Tilley	White Roding
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dysentery	5	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Food Poisoning	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Infective Hepatitis	23	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	20	-	-	-	
Measles	48	-	1	2	-	1	1	-	15	-	3	1	16	1	-	-	1	-	1	-	-	1	2	2	-	-	
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pneumonia	3	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Scarlet Fever	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tuberculosis, Pulmonary	12	-	-	-	-	1	-	-	4	-	-	-	-	-	-	-	-	-	-	1	-	2	3	1	-	-	
Tuberculosis, Non-pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals	95	-	2	3	-	2	1	-	20	2	5	1	17	1	1	-	1	-	2	1	-	-	5	28	3	-	

INFECTIOUS DISEASES NOTIFIED MONTH BY MONTH

DISEASE	Total Notified	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	5	-	2	-	-	-	-	-	-	-	3	-	-
Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	1	-	-	-	-	-	1	-	-	-	-	-	-
Infective Hepatitis	23	2	-	1	1	7	7	4	1	-	-	-	-
Measles	48	2	-	-	-	-	-	3	18	-	-	5	20
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	3	-	-	-	-	-	3	-	-	-	-	-	-
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	1	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	2	-	-	2	-	-	-	-	-	-	-	-	-
Tuberculosis, Pulmonary	12	1	-	-	1	-	-	4	2	1	2	-	1
Tuberculosis, Non-pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	95	5	2	3	2	7	11	11	21	2	5	5	21

TUBERCULOSIS

Age Periods	New Cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	1	-	-	-	-	-	-	-
5 - 9	-	-	-	-	-	-	-	-
10 - 14	1	-	-	-	-	-	-	-
15 - 19	-	2	-	-	-	-	-	-
20 - 34	-	3	-	-	-	-	-	-
35 - 44	1	-	-	-	-	-	-	-
45 - 64	1	1	-	-	-	-	-	-
65 and over	-	2	-	-	-	-	-	-
	4	8	-	-	-	-	-	-

Of these cases 9 were cases re-notified on taking up residence in this district.

VACCINATION AND IMMUNISATION

<u>Primary Courses</u>	<u>By General Practitioners</u>	<u>By County Staff</u>	<u>Totals</u>
Diphtheria, Pertussis and Tetanus	199	36	235
Diphtheria & Tetanus	1	4	5
Diphtheria	5	16	21
Pertussis	4	10	14
Tetanus	4	3	7
Poliomyelitis	125	311	436
Smallpox	1160	-	1160
<u>Re-inforcing Doses</u>			
Diphtheria, Pertussis and Tetanus	23	1	24
Diphtheria & Tetanus	23	55	78
Diphtheria	5	43	48
Pertussis	2	-	2
Tetanus	-	5	5
Poliomyelitis	349	1134	1483
Smallpox	2003	11	2014

Public Health Department
Council Offices,
Dunmow.

July, 1963.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you the annual report of my Department for 1962.

The main task which occupied the bulk of the time of your Inspectors was meat inspection. The number of carcasses inspected was in excess of 70,000 making the highest total for any year apart from 1954 when meat rationing ended. A new slaughterhouse was brought into use but here we were assisted by the staff of Bishop's Stortford U.D.C. in meat inspection as a temporary measure. The Council agreed to appoint an additional Public Health Inspector who will start his duties early in 1963 when the help of the Bishop's Stortford inspectors will no longer be required. I hope that the new Meat Regulations will come into force during 1963 - these will make 100% meat inspection compulsory and the Council will also be empowered to charge the trade for the inspection service. By reason of the slaughterhouses being widely separated and of the large kill at the Bacon Factory the schedule of inspections makes it necessary for all inspectors to visit slaughterhouses every day and in the case of the Bacon Factory this means most of every afternoon. Visits during the evenings and at weekends are also necessary

In housing I am pleased to report that property owners continued to take advantage of improvement grants for the modernisation of their properties. The number of discretionary grants fell slightly but standard grants increased - a total of 99 dwellings were the subject of these grants and of course visiting and inspecting these properties and checking and preparing the grant applications all takes a good deal of time but time, in my opinion, spent in a very good cause. It is interesting to note that since these grants were first introduced in 1949, the Council have approved proposals for 745 houses in the district with a total monetary value of just over £183,000 thereby considerably

extending the useful life of many dwellings which might well have fallen into disrepair and probably unfit conditions necessitating representation by the Medical Officer. I hope that the Government will take steps to improve the grant procedure by raising the £400 limit and also by perhaps making the standard grant compulsory - only by this means will the people of the district have the modern amenities in their homes to which in the 1960's they are entitled.

The drive to clear the remainder of the slum clearance programme continued during the year and 23 unfit houses were demolished. Powers given under the 1961 Public Health Act were also used in cases of ruinous or dangerous buildings even where these were closed by Undertakings not to relet, and 15 properties are subject to notices.

Your fortnightly back-door refuse collection continued and 175 new properties were added to the rounds. Following the purchase of the John Deere Crawler tractor conditions at the refuse tip were much improved and regular covering was undertaken in accordance with the terms of the planning permission. The tonnage of waste paper sent for salvage dropped slightly during the year but as long as even a small profit is made I feel that this is a useful service and should be continued.

Sewerage contracts at Little Hallingbury and Willows Green and Causeway End, Felsted, were completed and brought into use, and by service of notices under the Public Health Act, 1936, owners of properties on the line of new sewers have been required to convert their E.C.'s to W.C.'s and connect to the Council's sewer.

The Council's housing programme of 48 dwellings was started during the year - 6 bungalows were completed and a further 34 were in various stages of construction; 8 were not started. Private building continued to expand and the total built, 184, was the highest for any year.

The district continues to expand rapidly with new houses, new sewers, old houses being modernised, unfit houses being cleared, and in this time of high activity the Public Health Department is playing its full part and I should like to thank the Council for their support and my staff for their loyalty and assistance during the year. I am indebted also to the Surveyor for the information concerning new housing, water and sewerage which appears in the report.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

R. P. MAY

Chief Public Health Inspector.

WATER

The water supplies in the District were adequate and were obtained from the Council's boreholes at Mill Lane, Great Dunmow; Borough Bridge, Thaxted; and Armitage Bridge, Thaxted. The parishes of Hatfield Broad Oak, Great Hallingbury and Little Hallingbury were supplied by the Lee Valley Water Company.

9 samples of the raw and treated water were taken from all sources during the year for full chemical and bacteriological examination and all were found to be satisfactory.

Copies of reports on 4 of these samples by the Counties Public Health Laboratories appear on the following pages:-

Fluoride

The Fluoride content of the water supplied from the Council's pumping stations is as follows:-

Thaxted (Borough Bridge)	...	0.45 part per million
Dunmow	...	1.0 part per million

Thaxted Pumping Station (Borough Bridge) Supply

Borough borehole, Filtered/chlorinated

Chemical Results in Parts Per Million

Appearance:	Clear and Bright	Turbidity:	Nil
Colour:	Nil	Odour:	Nil
pH:	7.2	Free Carbon Dioxide:	34
Electric Conductivity	800	Dissolved Solids dried at 180°C	530
Chlorine present as Chloride:	36	Alkalinity as Calcium Carbonate	305
Hardness: Total	420	Carbonate: 305 Non-carbonate	115
Nitrate Nitrogen:	0.3	Nitrite Nitrogen	absent
Ammoniacal Nitrogen+:	0.000	Oxygen Absorbed	0.15
Albuminoid Nitrogen+:	0.000	Residual Chlorine	absent
Metals: Iron, Zinc, Copper & Lead:	absent		

+ To convert to Ammonia Multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar	1 day at 37°C 0 per ml.	2 days at 37°C 0 per ml.	3 days at 20-22°C - per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	- ml.	100 ml.	0 per 100 ml.
Bact. Coli (Type 1)	- ml.	100 ml.	0 per 100 ml.
Sl. welchii reaction	... ml.	... ml.	

This sample is clear and bright in appearance, neutral in reaction and free from metals. The water is very hard in character but contains no excess of mineral or saline constituents in solution. Its organic quality and bacterial purity are of a high standard.

These results indicate a pure and wholesome water suitable for public supply purposes, its high hardness however having disadvantages for many domestic uses.

1st December, 1962

Counties Public Health Laboratories

Dunmow Water Works Supply

Tap on Main, Dunmow Water Works, Filtered and Chlorinated

Chemical Results in Parts Per Million

Appearance:	Clear and Bright	Turbidity	Less than 3
Colour:	Nil	Odour	Nil
pH:	7.3	Free Carbon Dioxide	30
Electric Conductivity	710	Dissolved Solids dried at 180°C	475
Chlorine present as Chloride	40	Alkalinity as Calcium Carbonate	310
Hardness: Total	350	Carbonate 310 Non-carbonate	40
Nitrate Nitrogen	0.2	Nitrite Nitrogen	absent
Ammoniacal Nitrogen+:	0.000	Oxygen Absorbed	0.10
Albuminoid Nitrogen+:	0.000	Residual Chlorine:	0.02
Metals: Iron	Absent		
Zinc:	0.40		
Copper and Lead	Absent		

+ To convert to Ammonia multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar	1 day 37°C 0 per ml.	2 days at 37°C 0 per ml.	3 days at 20-22°C ... per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	... ml.	100 ml.	0 per 100 ml.
Bact. coli (Type I)	... ml.	100 ml.	0 per 100 ml.
Cl. welchii reaction	... ml.	... ml.	

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from a minute trace of zinc. The water is very hard in character but its content of mineral and saline constituents in solution is not excessive. It is of a high standard of organic quality and bacterial purity.

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

26th July, 1962

Counties Public Health Laboratories

Lee Valley Water Company Supply

Tap over sink in Roys Bakery, Hatfield Heath, from rising main

Chemical Results in Parts Per Million

Appearance: Bright with a few particles.	Turbidity:	less than 3
Deposition of iron hydroxide on keeping		
Colour: 14	Odour: Nil	
pH: 7.3	Free Carbon Dioxide	26
Electric Conductivity 710	Dissolved Solids dried at 180°C	475
Chlorine present as Chloride 30	Alkalinity as Calcium Carbonate	305
Hardness: Total 370	Carbonate 305 Non-carbonate	65
Nitrate Nitrogen 0.0	Nitrite Nitrogen	absent
Ammoniacal Nitrogen +: 0.000	Oxygen Absorbed	0.25
Albuminoid Nitrogen +: 0.000	Residual Chlorine	absent
Metals: Iron 0.60		
Zinc, Copper & Lead absent		

+ To convert to Ammonia multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar	1 day at 37°C 0 per ml.	2 days at 37°C 0 per ml.	3 days at 20-22°C - per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	- ml.	100 ml.	0 per 100 ml.
Bact. coli. (Type I)	- ml.	100 ml.	0 per 100 ml.
Cl. welchii reaction	... ml.	... ml.	

This sample developed a slight deposit of iron hydroxide on standing. The water is free from other metals and is neutral in reaction. It is very hard in character but its hardness and its content of mineral and saline constituents in solution are not considered excessive. Its organic quality and bacterial purity are of a high standard.

These results are indicative of a wholesome water. The content of iron will have obvious disadvantages for some domestic uses.

1st March, 1962

Thaxted Pumping Station Supply

Tap on main, Boro and Armitage Bridge. Mixed - filtered and chlorinated

Chemical Results in Parts Per Million

Appearance:	Clear and Bright	Turbidity:	Nil
Colour:	Nil	Odour:	Nil
pH:	7.1	Free Carbon Dioxide	40
Electric Conductivity	760	Dissolved Solids dried at 180°C	510
Chlorine present as Chloride	38	Alkalinity as Calcium Carbonate	290
Hardness: Total	425	Carbonate 290 Non-carbonate	135
Nitrate Nitrogen	0.0	Nitrite Nitrogen	absent
Ammoniacal Nitrogen+:	0.12	Oxygen Absorbed	0.0
Albuminoid Nitrogen+:	0.000	Residual Chlorine	0.09
Metals: Iron	0.08		
Zinc, Copper & Lead	absent		

+ To convert to Ammonia multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar	1 day at 37°C 0 per ml.	2 days at 37°C 0 per ml.	3 days at 20-22°C - per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	- ml.	100 ml.	0 per 100 ml.
Bact. coli. (Type I)	- ml.	100 ml.	0 per 100 ml.
Cl. welchii reaction	... ml.	... ml.	

This sample is clear and bright in appearance, neutral in reaction and free from metals apart from a very minute trace of iron. The water is very hard in character but contains no excess of mineral or saline constituents in solution. Its organic quality and bacterial purity are of a high standard.

These results indicate a pure and wholesome water suitable for public supply purposes, apart from the disadvantages of its hardness.

16th October, 1962.

Counties Public Health Laboratories

WATER SUPPLY

POPULATION IN EACH PARISH HAVING MAINS WATER SUPPLY

Parish	No. of Houses	Estimated Population (mid-62)	No. of houses on main supply	Estimated population on main supply
pe Roding	74	203	69	190
e Bardfield	84	233	62	186
ton	102	296	97	286
ed	180	509	167	490
Canfield	134	363	130	357
e Canfield	110	318	101	300
ney	12	39	-	-
Dunmow	1407	3801	1340	3630
e Dunmow	133	345	110	300
Easton	247	676	229	619
e Easton	132	337	119	306
ed	735	2590	679	2567
Hallingbury	319	931	273	854
e Hallingbury	372	1117	362	1042
eld Broad Oak	767	2239	718	2132
Easter	192	572	168	504
Roding	117	321	112	310
n Roding	113	317	109	309
ell	76	203	74	197
ret Roding	67	175	65	169
ng	362	997	324	990
y	498	1776	489	1720
d	682	1911	657	1830
y	23	66	14	42
eRoding	117	325	112	312
	7055	20760	6580	19642

Waterworks Undertaking

Quantities of Water Pumped:-

Dunmow Pumping Station	...	29,000,000 gallons
Thaxted Pumping Stations	...	192,717,000 gallons
		<u>221,717,000 gallons</u>

Water Consumption:-

The average annual water consumption from 1949 to 1959 has been as follows:-

	Gallons	Consumption per day (Gallons)
Total consumption	181,268,122	496,625
Domestic	133,289,395	365,184
Metered	47,978,727	131,441
<u>1960</u>		
Total consumption	206,743,000	565,142
Domestic	162,902,000	445,029
Metered	43,841,000	120,113
<u>1961</u>		
Total consumption	214,851,000	588,603
Domestic	169,804,000	468,299
Metered	45,047,000	120,304
<u>1962</u>		
Total consumption	221,717,000	607,444
Domestic	177,565,000	486,538
Metered	44,152,000	120,906

Repairs and connections:-

No. of new domestic connections to mains	...	137
No. of new metered supplies	...	12
No. of repaired services	...	70
No. of repaired mains	...	23

Mains extensions:-

Extensions were made to the Council's water mains during the years as under:-

Bury Fields, Felsted	...	165 yards 3"
Roseacres, Takeley	...	445 yards 3"
Garnetts, Takeley	...	370 yards 3"
Rochelle Close, Thaxted	...	365 yards 3"

Dunmow and Thaxted Pumping Stations

Both stations worked satisfactorily throughout the year.

Water carting

Water was carted to one property for a short while during the year.

Lee Valley Water Company

The amalgamation of your water undertaking with this Company was further advanced during the year and is likely to take effect as from 1st October, 1963. The Company already supplies water to three of your parishes - Hatfield Broad Oak and Great and Little Hallingbury. No extensions to mains were made in these parishes during the year.

Swimming Baths

There are no public swimming baths in the district but there are swimming baths at both the Dunmow Primary School and Dunmow Secondary Modern School. These are inspected regularly and samples taken for bacterial content and the chlorine content is checked at regular intervals.

Rainfall

The rainfall as recorded at Thaxted Waterworks during the year is given below:-

		<u>inches</u>
January	...	2.58
February	...	0.55
March	...	1.53
April	...	1.32
May	...	2.46
June	...	0.05
July	...	3.63
August	...	1.85

July there was only 0.05 inches of rain.
 July there was only 0.05 inches of rain.

		<u>inches</u>
September	...	2.64
October	...	1.18
November	...	1.42
December	...	1.21
		<hr/>
		20.42 inches
		<hr/>

The heaviest fall was 1.4 inches on 27th July and the longest period without rain was the 30 days from 10th June to 10th July; in fact during the 43 days from 28th May to 10th July there was only 0.05 inches of rain.

SEWERAGE AND SEWAGE DISPOSAL

Connections to sewers

During the year, 147 new properties were connected to the Council's sewers, other than in contracts in progress:-

Felsted	20	Great Easton	2
Great Dunmow	27	Hatfield Broad Oak	40
Little Hallingbury	14	Thaxted	8
Takeley	28	Little Easton	2
Stebbing	4	High Roding	1
High Easter	1		

Sewage Installations

There are now 14 sewage disposal works and 15 sewage pumping stations in operation and these serve the more heavily populated areas in 16 of the 25 parishes.

Annual Inspection of Undertakings

All the works were considered to be properly managed for the purpose of the Essex County Council's Grants Scheme.

Comprehensive Post-War Sewerage Scheme

Work proceeded during the year and I give below details of the progress of each scheme:-

Contract 14 - Willows Green and Causeway End, Felsted

This scheme was substantially completed and the new works commissioned at the end of the year.

Contract 17 - Little Hallingbury extensions

This scheme was completed and the new sewers brought into use during the year.

Contract 16 - Hatfield Heath and Hatfield Broad Oak

Apart from some defects in the pumping station this contract was complete by the end of the year but final commissioning had not taken place.

Contract 15A - Great Easton and Duton Hill extensions

Following the re-commencement of this scheme much of the sewer laying was carried out during the year but remedial work had not been done and it seems that there may be some difficulty in getting all the work done.

Future Proposals

Following the publication of the Rural Planning Policy Statement for the District which envisaged an increase of population from 21,000 to 27,000 by 1981, the Council's Consultants prepared their second comprehensive sewerage report covering the whole of the district and this was received and approved in principle by the Council.

After detailed consideration of the report the Council agreed to proceed as under:-

- (a) to carry out the Lower Chelmer Valley scheme during 1962/3, comprising additional sewers in Great Dunmow and Barnston - the additional flows to be pumped along the valley to a new disposal works at Felsted.
- (b) to carry out a revised scheme for Broxted during 1962/3 excluding the Molehill Green area.
- (c) to carry out a combined scheme for Leaden Roding and Margaret Roding during 1963/4.
- (d) to carry out extensions to Takeley Sewage Works during 1963/4

The remaining proposals in the report were deferred.

PUBLIC CLEANSING

Refuse Collection and Disposal

The Council's system is a back door collection fortnightly throughout the district and on the whole has been working quite smoothly. There are times when breakdowns of vehicles and difficulties with labour cause delay in collection but these are generally overcome. The work is supervised by a foreman who has a crew of 9 men with 3 refuse collecting vehicles. One of the loaders works half of his time on the tip. There is also a reserve vehicle and this is to be replaced next year. The amount of refuse collected increased considerably during the year - this was made necessary by the building of 172 new properties.

Tipping took place in the disused gravel pits at Merks Hill, Great Dunmow, under the terms of a lease negotiated with the owner of the land. A John Deere Crawler tractor was purchased during the year and the tip is now covered daily and generally maintained in accordance with the terms of the planning permission. As stated above the tractor is driven by one of the loaders for half of his time.

Salvage

The collection of waste paper was continued during the year and 94 tons were despatched to the Mills with a total value of £825. This is quite a bit less than the two previous years despite the operation of bonus scheme.

Litter

Litter was collected regularly from the 60 litter containers set up by the Council throughout the district and replacement containers were supplied where necessary.

Public Conveniences

Public Conveniences owned by the Council are situated in Great Dunmow and Thaxted. I hope it will be possible to replace the small and badly situated building in Great Dunmow with a new Convenience, probably on the new Car Park site, in the near future.

INSPECTION OF THE DISTRICT

The Council's Public Health Inspectors made 3,229 visits and inspections in the course of the year. Details of these are given below:-

Complaints received and investigated	...	104
<u>Inspections Under Housing Acts</u>		
Housing inspections	...	115
Housing applications verified	...	6
Housing applications verified for other local authorities	...	20
<u>Inspections under Public Health Acts</u>		
Caravan sites	...	151
Offensive accumulations	...	26
Water supplies	...	74
Drainage, cesspools etc.	...	367
Ponds, ditches and Watercourses	...	33
Verminous premises	...	8
Other household pest visits	...	28
Disinfestations	...	6
Animals improperly kept	...	6
Refuse disposal	...	79
Sewage disposal	...	60
<u>Infectious Disease Prevention</u>		
Visits to private houses	...	70
Visits to schools	...	10
<u>Factories, Shops and Schools</u>		
Factories	...	11
Outworkers	...	2
Shops	...	1
Schools	...	6
<u>Food and Drugs Acts</u>		
Slaughterhouses	...	1,393
Bakehouses	...	10
Cafes, restaurants and canteens	...	13
Hotels and Public Houses	...	10
Dairies and Milk Roundsmen	...	2
Mobile Food Premises	...	1

<u>Sampling</u>		
Milk	...	3
Ice Cream	...	8
Water	...	26
Other foods	...	13
Bacteriological	...	33
<u>Rodent Control</u>		
Visits	...	270
Treatments	...	74
<u>Clean Air Act</u>		
Visits to installations	...	43
<u>Petroleum Regulations</u>		
Licensing	...	24
Pressure and seepage tests	...	9
<u>Improvement Grants</u>	...	80
<u>Litter Containers</u>	...	7
<u>Escape from Fire</u>	...	5
<u>Aged Persons</u>	...	9
<u>Noise Abatement</u>	...	9
<u>Swimming Pools</u>	...	2
<u>Swill Boiling Plants</u>	...	1
<u>Hairdressers</u>	...	1
<u>Nuisances Detected and Notices Served</u>		
Nuisances detected	...	56
Informal notices served	...	26
Notices outstanding 1st January, 1962	...	31
Notices outstanding 31st December, 1962	...	18
Statutory Notices served	...	63
Legal Proceedings	...	Nil

HOUSING

New Building

New building during 1962 was as follows:-

Number of Council houses completed	...	6
Number of Private houses completed	...	184
Number of houses built by other authorities	...	Nil
Number of Council houses under construction at end of year	...	34
Number of Council houses approved but not commenced at end of year	...	8
Number of Private houses under construction at end of year	...	165
Number of Private houses with detail plans approved but not commenced at end of year	...	342
Number of Private houses covered by outline approvals other than single houses	...	263
Number of conversions completed	...	5
Number of conversions in progress at end of year	...	5
Number of conversions approved but not started	...	14
Number of houses under construction by other authorities	...	1

Total building since the War

The total number of houses built in the District since the War is:-

Council houses	...	866
Housing Associations	...	12
Private houses	...	1,036
Essex County Council	...	27
		<hr/>
		1,941

Private Building

It is interesting to note that of the 184 houses completed during the year 153 of them were in the five parishes of Great Dunmow, Felsted, Little Hallingbury, Hatfield Broad Oak and Takeley.

Council Houses

The total number of houses owned by the Council at the end of the year was

Pre-War houses	...	670
Cottages purchased post-war	...	15
Post-War houses	...	873
		<hr/>
		1,558
		<hr/>

12 houses have been sold to tenants (7 pre-war houses and 5 post-war houses),

The houses by types are as follows:-

1-bed houses	...	2
2-bed houses	...	158
3-bed houses	...	1,128
3-bed house/shop	...	1
4-bed houses	...	39
1-bed bungalows	...	81
2-bed bungalows	...	89
1-bed flats	...	4
2-bed flats	...	56

Housing Applications

There were 374 applications for Council houses at 31st December.

During the year there were 53 re-lettings.

Housing Programme

Out of the programme of 48 dwellings approved for the year, 6 had been completed and 34 were in various stages of construction; 8 had not been started.

A further programme of 94 dwellings was approved for the period 1963/4. Negotiations for the erection of these were in hand at the end of the year - they are to be sited as follows:-

Little Canfield	4
Little Dunmow	6
Little Easton	4
Felsted	10
Little Hallingbury	2
Hatfield Heath	10
High Roding	4
Stebbing	6
Takeley	12
Thaxted	5
White Roding	3
Barnston	28

Housing Act, 1957 - Slum Clearance Programme

Further meetings of the Slum Clearance Committee were held during the year when it was reported that out of the Council's original clearance proposals approved for the 10 year period from 1955, comprising 767 dwellings, only 255 now remained to be dealt with and of these, 125 were virtually closed by reason of Undertakings not to relet given by the owners.

24 dwellings were demolished during the year.

Further action both under the Housing Acts and Section 27 of the new Public Health Act, 1961 was agreed to see that the Council's proposals were completed by the end of the 10 year period in December, 1965.

I give below a tabular statement setting out the details of the action taken 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)	...	342
	(b)	Number of inspections made for the purpose	...	622
(2)	(a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Regulations.	...	83
	(b)	Number of inspections made for the purpose	...	116
(3)		Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	9
(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	...	26

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	...	13
--	---	-----	----

3. Action under Statutory Powers during the year

A - Proceedings under Public Health Acts, 1936 and 1961

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	4
(2)	Number of dwelling houses in which defects were remedied after service of formal notices:-		
	(a) By owners	...	Nil
	(b) By Local Authorities in default of owners	...	Nil

<u>B - Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957:-</u>		
(1)	Number of dwelling houses in respect of which notices were served requiring repairs.	... Nil
(2)	Number of dwelling houses which were rendered fit after service of formal notices:-	
(a)	By owners	... Nil
(b)	By Local Authorities in default of owners	... Nil
<u>C - Proceedings under Sections 16 and 23 of the Housing Act, 1957:-</u>		
(1)	Number of dwelling houses in respect of which Demolition Orders were made	... Nil
(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	... 1
(3)	Number of written undertakings accepted	... 7
<u>D - Proceedings under Sections, 17, 19 and 27 of the Housing Act, 1957:-</u>		
(1)	Number of Closing Orders made	... Nil
(2)	Number of houses demolished	... 18
<u>E - Proceedings under Section 24 of the Housing Act, 1957:-</u>		
(1)	Number of Demolition Orders revoked	... 1
<u>F - Proceedings under Section 28 of the Housing Act, 1957:-</u>		
(1)	Number of Closing Orders revoked and Demolition Orders substituted	... Nil
<u>G - Proceedings under Section 42 of the Housing Act, 1957:-</u>		
(1)	Number of houses in confirmed clearance areas demolished	... 5
<u>H - Proceedings under Sections 34 and 53 of the Housing Act, 1957:-</u>		
(1)	Licences in force for temporary occupation	... 1

4. Overcrowding - Part IV, Housing Act, 1957

No action was necessary during the year

Improvement and Housing Grants

Grants under the Housing (Financial Provisions) Act, 1958, and House Purchase and Housing Act, 1959, as amended by Housing Act, 1961, were approved during the year as follows:-

Grants

Discretionary grants for 45 private dwellings totalling £14,584, and Standard Grants for 54 dwellings for the maximum of £7,905.

Agricultural dwellings

One application was made for the £10 per annum grant but was not proceeded with.

Rent Act, 1957

No action was necessary during the year concerning certificates of disrepair.

Connections to sewer - Public Health Act, 1936

48 statutory notices under Section 47 were served requiring premises to be connected to the sewer together with 11 joint notices under the Public Health and Water Act for water supply to be taken into the property.

11 applications for a grant of half the expenses for closet conversion and connection to the sewer were approved.

Means of Escape from Fire

A notice under Section 60 of the Public Health Act, 1936, was served on the owner of The Close, Dunmow (in respect of 13 houses and flats) to provide adequate means of escape in case of fire.

Ruinous or Dilapidated Structure

The first notice under the new Public Health Act, 1961, Section 27, was issued in respect of a property at Little Canfield; the owner to repair or demolish the property - subsequently 14 notices have been served on different properties.

INSPECTION AND SUPERVISION OF FOOD

MEAT INSPECTION

Slaughtering was carried out regularly during the year at the Dunmow Bacon Factory and at the 7 private slaughterhouses in the District.

Carcases inspected and condemned:

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
No. Slaughtered	2,811	58	162	3,641	64,438	-
No. inspected	2,811	58	162	3,641	64,438	-
<u>All diseases except</u> <u>Tuberculosis and</u> <u>Cysticerci</u>						
Whole Carcases condemned	4	1	2	7	7	-
Carcases of which some part or organ was condemned	125	5	1	34	8,834	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	4.5%	9.8%	1.2%	1.1%	15.0%	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	4	-
Carcases of which some part or organ was condemned	2	-	-	-	1,175	-
Percentage of the number inspected affected with tuberculosis	.07%	-	-	-	1.8%	-
<u>Cysticercosis</u>						
Carcases of which some part or organ was condemned	2	-	-	-	-	-
Carcases submitted to treatment by refrigeration	2	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

*Pigs which arrived dead or died in lairs were examined for scheduled diseases but were not inspected for food.

The bulk of the meat inspected was for consumption outside the District. The Ministry of Agriculture, Fisheries and Food made a grant of £740 towards the cost of this work for the year.

Slaughter of Animals

The number of licences at the end of the year was

Private slaughterhouses	...	8
Knackers' Yards	...	1
Licensed slaughtermen	...	34

Slaughterhouses

One new slaughterhouse, at Great Hallingbury, came into use during the year and meat here was inspected by the staff of Bishop's Stortford U.D.C., as a temporary measure, by arrangement with that Council.

Knackers' Yards

There was one knackers' yard in operation during the year, at Little Hallingbury, and the statutory returns under the Slaughter of Animals (Prevention of Cruelty) Regulations, 1958, revealed that 36 horses, 208 cattle and 952 pigs and sheep were slaughtered during the year.

OTHER FOOD

During the year the following foodstuffs were found to be unfit for human consumption and were condemned:-

Sirloin	31 lbs.	Flour	9 lbs.
Lard	2 $\frac{1}{4}$ lbs.	Butter	2 $\frac{1}{4}$ lbs.
Baking Powder	2 ozs	Ham	1 tin (3 lbs.)
Bacon	15 $\frac{1}{2}$ lbs.	Tomato Juice	1 tin
Frozen Ox Kidney	20 lbs	Corned beef	1 tin

Game

8 persons were licensed under the Local Government Act, 1894, to deal in Game.

Milk

2 inspections were made of the dairies in the district. 3 samples of milk were taken during the year.

There were 17 persons registered in the District as Distributors of Milk and 9 Dairies (not being Dairy Farms) were also registered.

Ice Cream

There are 119 premises registered under Section 16 of the Food and Drugs Act, 1955, for the storage and sale of ice-cream in the District; 8 samples were taken and these were satisfactory.

No manufacture of ice-cream was carried on in the District and thus no action was required to be taken under the Ice Cream (Heat Treatment) Regulations.

FOOD PREMISES

Bakehouses

The number of bakehouses at the end of the year in operation was 9.
No unsatisfactory conditions existed.

Food premises by type of Business

Grocers and General Provisions	...	67
Bread and Confectionery	...	12
Butchers	...	12
Greengrocers and Fruiterers	...	5
Fishmongers	...	4
Sweets	...	11
Cafes and Restaurants	...	24
Public Houses and Hotels	...	66
Works Canteens	...	10
School Canteens and Cooking Centres	...	15

Included in the above list are the following premises as registered under Section 16 of The Food and Drugs Act, 1955:-

Fish Frying	...	3
Manufacture of sausages and preserved food	...	17

Food Processing Premises

Sweet Factory	...	1
Bacon Curing Factory	...	1
Beet Sugar Factory	...	1
Breweries	...	2
Egg Packers	...	2
Banana Ripening Plant	...	1

FOOD HYGIENE

33 inspections of food premises were made during the year - no formal action was necessary.

Informal action was taken where appropriate under the Food Hygiene General Regulations of 1960.

DISPOSAL OF CONDEMNED FOOD

The Bacon Factory at Dunmow disposes of condemned meat by digestion in steam vats to produce inedible fats; beef carcasses are disposed of to Knackers for boiling down for inedible fats or fertilisers; facilities are available at each slaughterhouse for the sterilisation of part carcasses and offal.

No special arrangements for disposal of condemned food were necessary during the year.

WASTE FOOD

There were 4 premises licensed for the boiling of waste food for animal feeding as under:-

Fanns Farm, Takeley

Leaden Roding Piggeries

Claremont, Hatfield Heath

The Cottage, Cock Green, Felsted.

The first two ceased to be operative by the end of the year.

ATMOSPHERIC POLLUTION

Since my last report circulars 3/62, 4/62 and 60/62 have been received from the Ministry. These deal with smoke control areas.

At the end of 1961 instructions were received from the Department of Scientific and Industrial Research on the measurement of smoke and sulphur dioxide. These sought to standardise the methods employed and during the change of location of the equipment from Stebbing to the premises at the rear of the Council Offices, Dunmow action was taken to comply with these requirements. Although difficulty occurred in obtaining the necessary equipment I am pleased to report that this has now been overcome and preliminary operations were proving satisfactory until the frost interfered. From results so far obtained, it would appear that this standardisation has resulted in a more accurate method, than was previously possible.

A number of observations were carried out during the year of the emission of smoke from industrial chimneys but in no case was it found necessary to institute statutory action.

CONTROL OF INFECTION

Some 80 visits were made to premises in cases of Infectious Disease, mostly dysentery, and 33 specimens of faeces were taken for examination.

Disinfestation

6 properties were disinfested after complaints of infestation by vermin, other than rats and mice. The standard form of treatment is to spray with a 5 per cent solution of D.D.T., or to use Gammexane Smoke Generators.

Disinfestation of bedding was carried out as required at Braintree U.D.C.'s plant or at the Herts and Essex General Hospital at Bishop's Stortford.

AGRICULTURAL PREMISES

The Agriculture (Safety, Health and Welfare Provisions) Act, 1956, was introduced to require owners or occupiers of farms to provide sanitary conveniences for their agricultural workers. The Act also provided for the provision of washing facilities and this was the responsibility of the Ministry of Agriculture, Fisheries and Food. There are various other provisions of this Act but the only ones with which the Council are concerned are Sections 3 and 5 dealing with sanitary conveniences.

The Ministry have several times since the Act was passed, asked local authorities what progress has been made on the inspection of farms and the provision of these facilities but so far it has only been possible to say that little inspection work has been possible in view of the large number of farms in the district.

As from 1st January, 1963, the establishment of Public Health Inspectors has been increased, primarily to deal with increased meat inspection duties, but I hope during the coming year to make a start on this aspect of the Public Health work as it is important that the protection already enjoyed by factory workers should also be extended to agricultural workers.

In this connection of course it is also likely that the Offices and Shops Bill will be passed during the coming year and the staff of these establishments will then also be entitled to the provision of proper sanitary

and washing facilities and other amenities and this will entail further inspection work by your Inspectors.

I hope to give a fuller description of this legislation and the action taken thereunder in my next report.

NOISE ABATEMENT

No action was taken under the Noise Abatement Act, 1960, during the year although one or two isolated complaints were made. Members of the public can of course take action themselves in appropriate cases when three or more persons are prepared to give evidence against an offender.

PETROLEUM

At the end of the year there were 153 licences issued for the storage of petrol (including 33 filling stations), and 5 licences for the storage of Carbide of Calcium.

All new installations received the necessary pressure tests - there are however a considerable number of existing underground tanks which have been in place for over 20 years which will be subject to the statutory seepage tests. These tests are of course the responsibility of the licence holder and are a condition of the licence.

RODENT CONTROL

The following are details of action taken under the Prevention of Damage by Pests Act, 1949.

Details	Type of Property				
	Local Authority (ii)	Dwelling Houses (iii)	Agricultural (iv)	All other incl. Business Premises (v)	Total (vi)
Number of properties in Area	16	7,055	250 included in (iii)	500	7,571
Premises inspected as a result of Notification	-	93	3	9	105
Premises inspected as a result of Survey under the Act	-	-	-	-	-
Total number of inspections (including re-inspections and inspections primarily for other purposes)	-	499	3	9	511
Number of properties found to be infested with rats (common)	-	-	-	-	-
Major infestations	-	-	-	-	-
Minor infestations	-	91	3	9	103
Number of properties found to be seriously infested with mice	-	2	-	-	2
Number of infested premises reported by the Council's Public Health Inspectors.	-	93	3	9	105
Number of notices served under Section 4 of the Act.	-	-	-	-	-

In addition to the above, treatments were carried out at the refuse tips at Merks Hill, Great Dunmow, which are privately owned.

Sewers

For the third year running no comprehensive baiting of the Council's sewerage system was undertaken.

Threshing of Stacks

No action was necessary during the year under the Prevention of Damage by Pests (Threshing and Dismantling of Ricks) Regulations, 1950

FACTORIES

The Factories Act, 1961, (a consolidation measure) came into force on 1st April, 1962. Particulars of the premises registered by the Council under the Factories Act, 1961, and of the inspections made are to be found as follows:-

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

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupies Prosecuted
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by local authorities	45	11	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by local authorities.	81	21	-	-
(iii) Other premises in which Section 7 is enforced by Local Authorities (excluding out-workers premises)	-	-	-	-
Totals	126	32	-	-

2. CASES in which DEFECTS were found

Particulars	Number of cases 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 (S.7)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences (not including offences relating to out-workers)	-	-	-	-	-
Totals	-	-	-	-	-

Outworkers Section 133 Notifications of out-workers were received as follows:-
Wearing Apparel: 3 Christmas Crackers: 3

CARAVANS and other MOVEABLE DWELLINGS

I give below a table by parishes showing the licensed sites under the Caravan and Control of Development Act, 1960:-

Parishes	Sites	Caravans	Tents	Huts
Aythorpe Roding	1	1	-	-
Barnston	2	2	-	-
Little Canfield	2	2	-	-
Great Dunmow	6	8	-	-
Great Easton	2	2	-	-
Felsted	3	2	-	1
Great Hallingbury	2	3	-	-
Little Hallingbury	1	1	-	-
Hatfield Broad Oak	2	12	-	-
High Easter	2	2	-	-
Leaden Roding	1	1	-	-
Stebbing	5	8	-	-
Takeley	8	181	-	-
Thaxted	2	3	-	-
White Roding	3	4	-	-
Totals	42	231	-	1

Further applications are pending as under either for planning permission or for the confirmation of discontinuance orders:-

<u>Parish</u>	<u>Sites</u>	<u>Caravans</u>
Little Canfield	1	1
Great Dunmow	1	8
Great Hallingbury	1	2
Hatfield Broad Oak	1	1
Leaden Roding	1	1
Stebbing	1	3
Takeley	1	3
Thaxted	1	1
White Roding	2	4

As will be seen the vast majority of the caravans are situated on the three sites in Takeley.

During the year the Council at a special meeting considered the question of caravans for gypsies, travelling showmen and other itinerant caravan dwellers. As a result of a survey carried out on 14th March it was found that there were 36 caravans

in the district - 31 occupied by gypsies and 5 by travelling showmen. Only 7 of these were licensed.

After considering the matter the Council decided not to establish a site for gypsies or a site for winter quarters for travelling showmen.

They also decided not to establish a site for general use being of the opinion that the three licensed sites in Takeley containing 175 caravans were sufficient for any intending caravan dweller.

OTHER PUBLIC HEALTH MATTERS

Shops

Few visits under the Shops Act, 1950, were carried out during the year. There are 179 shops entered in the Council's registers.

Rag Flock/Pet Animals

There are no establishments in the district which come within the provisions of the Rag Flock and Other Filling Materials Act, 1951, and there are no licensed pet shops under the Pet Animals Act, 1951.

Heating Appliances

Your Inspectors are authorised officers for the inspection and testing of appliances under the Heating Appliances (Fireguards) Act, 1952, and the inspection and testing of Oil Burners under the Oil Burners (Standards) Act, 1960, and Oil Heaters Regulations, 1962. No inspections were carried out during the year.

Burial of the Dead

Three burials were arranged during the year under the provisions of Section 50 of the National Assistance Act, 1948. A total of 20 burials has been arranged by the Council since the passing of the Act.

National Assistance Act, 1948 - Section 47

It was not necessary to exercise the Council's powers under this Act to move any aged person during the year.

Hairdressers and Barbers

New byelaws for the control of the establishments of hairdressers and barbers were made and approved during the year under the Public Health Act, 1961 and copies were circulated to the 8 premises in the district.

Common Lodging Houses

There are none of these establishments in the district.

Protection of Birds

Under the Protection of Birds Act, 1954, should the Secretary of State establish a bird sanctuary in the district then this Council would have the responsibility for taking action in cases of any offences caused - no sanctuary has so far been established.

Riding Establishments

As far as I know there are no riding establishments in the district but the County Council have asked to be informed under the Riding Establishments Act, 1939, should any complaints concerning such establishments be received.

Schools and Courses

During the year your Deputy Chief Public Health Inspector attended a weekend school for Public Health Inspectors and I attended a week's course at the Civil Defence College at Sunningdale.

Publicity

During the year talks on public health matters were given by members of the Department to the members of the Dunmow Congregational Church; the Dunmow Round Table and the Dunmow Young Wives Club.

BYELAWS

The following is a list of the Council's Byelaws now in force:-

Byelaws with respect to new streets.

Byelaws for the Handling, Wrapping and Delivery of Food and Sale of Food in the Open Air.

Building Byelaws, including

byelaws for the protection of water fittings from effect of frost.

byelaws for smoke prevention.

byelaws for thermal insulation and flue pipes.

Byelaws for the sanitary conditions and management of private slaughterhouses.

Byelaws for the sanitary conditions, management and keeping of records for Knackers' Yards.

Byelaws for preventing waste, undue consumption, misuse or contamination of water.

Byelaws as to Hairdressers and Barbers.

NEW LEGISLATION

The following Acts affecting the Council or of interest to them received the Royal Assent during the year:-

Landlord and Tenant Act, 1962

Local Government (Records) Act, 1962

Pipe-lines Act, 1962

Local Authorities (Historical Buildings) Act, 1962

Town and Country Planning Act, 1962 (consolidation)

