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MALDON  
RURAL DISTRICT COUNCIL

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*Annual Report*  
OF THE  
**MEDICAL OFFICER OF HEALTH**  
FOR  
**1966**

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MALDON  
RURAL DISTRICT COUNCIL

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*Annual Report*

OF THE

**MEDICAL OFFICER OF HEALTH**

FOR

1966

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**PUBLIC HEALTH COMMITTEE, 1966**

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*Chairman of the Council:* Councillor Mr. G. H. Barber, J.P.

*Vice-Chairman of the Council:* Councillor Mr. E. A. Ratcliff

*Chairman:* Councillor Mr. H. L. Frost

*Vice-Chairman:* Councillor Dr. J. G. Madden

*Members:* Councillors Miss E. J. Allingham

Mr. J. C. Bailey

Mr. H. G. Binder

Mr. H. G. Butt

Mr. A. Green

Mr. F. W. J. James

Mr. G. W. Playle

Mr. A. F. Ratcliff

Mr. P. H. Sparrow

Mr. W. H. R. Still

Mr. M. S. Taverner



*Clerk to the Rural District Council:*

L. H. Hiscott

*Surveyor and Water Engineer:*

I. M. Nicholson, C.Eng., M.I.Mun.E., M.I.P.H.E.

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**PUBLIC HEALTH STAFF**

*Medical Officer of Health:* .. J. A. Slattery, M.R.C.S.,  
L.R.C.P., D.P.H., who also  
acts in this capacity for the  
Borough of Maldon, Urban  
District of Burnham-on-  
Crouch and the Rural District  
of Chelmsford.

*Senior Public Health Inspector:* L. F. Newnham, M.R.S.H.,  
M.A.P.H.I., A.I.H.M.

*Deputy Public Health Inspector* R. S. Fierheller, A.R.S.H.,  
M.A.P.H.I.

*Public Health Inspectors* .. J. J. Knight from 1.3.66  
A. J. Griffin from 1.3.66 to  
31.12.66

*Clerks to the Public Health  
Inspectors* .. Mrs. M. J. Vardon  
Miss A. Connor from 1.8.66

*Clerk to Medical Officer of  
Health* .. Miss J. Parkinson to 30.6.66  
Mrs. V. A. Partis from 3.10.66

COUNCIL OFFICES,  
WANTZ ROAD,  
MALDON,  
ESSEX.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I present for your consideration my Annual Report for 1966.

### Statistics and Social Conditions of the Area

Area	.. .. .	78,505 acres
Home Population (estimated June, 1966)	.. ..	18,080
Number of Houses, 1966	.. .. .	6,879
Census Population, 1961	.. .. .	16,341
Rateable value of the District for the half-year beginning 1st April, 1966, was	.. ..	£728,157
The sum represented by a penny rate, year ended 31st March, 1966	.. .. .	£2,935 2 10d.
Live Births (Male 203, Female 180)	.. ..	383
Birth Rate (uncorrected) per 1,000 population	.. ..	21.2
Area Comparability Factor	.. .. .	1.19
Corrected Birth Rate	.. .. .	25.2
Birth Rate, England and Wales	.. .. .	17.7
Birth Rate, Administrative County of Essex (corrected)		18.0
Illegitimate Live Births (per cent of total live births)	.. ..	5.2
Stillbirths	.. .. .	4
Stillbirth Rate per 1,000 total live and stillbirths	.. ..	10.3
Total Live and Stillbirths	.. .. .	387
Infant Deaths (deaths under one year)	.. ..	4
Infant Mortality Rates		
Total infant deaths per 1,000 total live births	.. ..	10.4
Legitimate infant deaths per 1,000 legitimate live births	.. .. .	8.3
Illegitimate infant deaths per 1,000 illegitimate live births	.. .. .	50
Infant Mortality, England and Wales	.. .. .	19.0
Neonatal Deaths	.. .. .	2

Neonatal Mortality Rate (deaths under four weeks per 1,000 total live births) .. .. .					5.2
Early Neonatal Deaths .. .. .					2
Early Neonatal Mortality Rate (deaths under one week per 1,000 total live births) .. .. .					5.2
Perinatal Mortality Rate (stillbirths and deaths under one week combined per 1,000 total live and still- births) .. .. .					10.3
Maternal Mortality (including abortion)					NIL
Number of Deaths .. .. .					
Deaths	Male	96			
	Female	98			
	Total	194			
Death Rate (uncorrected) .. .. .					10.7
Area Comparability Factor .. .. .					0.84
Corrected Death Rate .. .. .					9.0
Death Rate, England and Wales .. .. .					11.7
Death Rate, Administrative County of Essex (corrected)					10.1



## Causes of Death at different periods of life during 1966

	Cause of Death	Total All Ages	Under One Year	1-4	5-14	15-24	25-44	45-64	65 and over
3	Syphilitic Disease	2	—	—	—	—	—	—	2
10	Malignant Neoplasm, Stomach	4	—	—	—	—	—	—	4
11	Malignant Neoplasm, Lung	5	—	—	—	—	—	2	3
12	Malignant Neoplasm, Breast	8	—	—	—	—	1	3	4
13	Malignant Neoplasm, Uterus	1	—	—	—	—	—	—	1
14	Other Malignant and Lymphatic Neoplasms	22	—	1	—	—	—	5	16
17	Vascular Lesions of the Nervous System	36	—	—	—	—	1	1	34
18	Coronary Disease, Angina	40	—	—	—	—	1	10	29
19	Hypertension with Heart Disease	3	—	—	—	—	—	—	3
20	Other Heart Disease	18	—	—	—	—	—	—	18
21	Other Circulatory Disease	9	—	—	—	—	—	1	8
23	Pneumonia	12	—	—	—	—	—	—	12
24	Bronchitis	7	—	—	—	—	—	—	7
25	Other Diseases of Respiratory System	1	—	—	—	—	—	—	1
27	Gastritis, Enteritis, Diarrhoea	5	1	—	—	—	—	3	1
31	Congenital Malformations	2	1	1	—	—	—	—	—
32	Other defined and Ill-defined diseases	10	2	—	—	—	—	2	6
33	Motor Vehicle Accidents	3	—	—	1	1	—	1	—
34	All other accidents	5	—	—	—	2	1	1	1
	Total All Causes	194	4	2	1	3	4	29	151

## Population

Shown below is a table of population figures for the last six years. You will notice that there has been some natural increase (column e) from the preponderance of births over deaths but that the sudden increase in population which began in 1964 was brought about largely by immigration to the area (column f).

**Population Table**

	a	b	c	d	e	f
Year	Mid-year Population	Increase in Population	Births	Deaths	Natural Increase c — d	Immigration b — e for previous year
1961	16,280	—	276	216	60	—
1962	16,380	100	272	192	80	40
1963	16,450	70	306	181	125	— 10
1964	17,090	640	330	183	147	515
1965	17,640	550	339	208	131	403
1966	18,080	440	383	194	189	309



In the second table of infectious diseases, notifications in 1966 are compared with those in earlier years.

	1966	1965	1964	1963	1962	1961
Measles ... ..	113	229	99	180	31	222
Pneumonia ... ..	1	5	2	4	7	15
Scarlet Fever ... ..	6	4	4	3	6	14
Whooping Cough ... ..	8	23	1	17	47	10
Infective Hepatitis ... ..	3	28	6	4	—	5
Puerperal Pyrexia	—	1	—	—	—	—
Poliomyelitis ... ..	—	—	—	1	—	—
Dysentery ... ..	—	—	—	2	1	1
Respiratory Tuberculosis	2	1	4	7	2	9
Non-respiratory Tuberculosis	1	1	—	—	—	—
Salmonella Infection	—	—	—	—	—	—
Food Poisoning ... ..	—	—	—	1	—	3
Erysipelas ... ..	—	2	—	—	—	—
Enteritis ... ..	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—



### **Tuberculosis**

There were three notifications and two inward transfers during the year. The new cases were men aged 51 and 61 with pulmonary tuberculosis and a man aged 20 with tuberculous glands in the neck.

### **Disinfection**

The Public Health Department can give advice and assistance with disinfection and can itself obtain technical help from the Public Health Laboratory Service. Disinfection of household articles can be arranged with the Hospital Authorities.

### **National Assistance Act, 1948-51, Section 47**

Several visits were made during the year to elderly people living alone in their own homes. Statutory action was not required.

### **Fluoridation of Water Supplies**

In February a report was made to the Public Health Committee on fluoridation of water supplies. This report was considered by the Council in March. Although it was appreciated that there would be technical difficulties in beginning such a scheme in your area, it was felt by a majority that the principle of fluoridation should receive your support.

### **Immunisation and Vaccination**

This service is administered by the Area Medical Officer. The figures given below refer to immunisations and vaccinations carried out by general practitioners and Assistant County Medical Officers in your district. I am grateful to Dr. Miller Wood for permission to show these figures.

The scheme of preventive inoculations available to babies and children at welfare centres and schools is as follows:—

Infants	—	Diphtheria
		Tetanus
		Whooping Cough
		Poliomyelitis
School entrants	—	Diphtheria
		Tetanus
		Poliomyelitis
Ten year olds	—	Diphtheria
		Tetanus
		Poliomyelitis (if necessary)

Smallpox vaccination is available from general practitioners.

The table shown below records the numbers of children in different age groups, living in Maldon Rural District, who were given primary courses of immunisation during 1966, against the diseases indicated. Most of the injections for diphtheria, tetanus and whooping cough were given together as triple vaccine.

	Year of birth							Totals
	1966	1965	1964	1963	1962	1957-1961	1952-1956	
Diphtheria	130	209	35	7	6	25	5	417
Tetanus	130	209	34	7	6	78	28	492
Whooping Cough	130	207	32	6	4	3	—	382
Poliomyelitis	75	251	32	9	10	44	7	428
Smallpox	3	76	67	14	1	4	3	168

The second table gives figures for reinforcing doses administered during 1966 to children of different age groups living in Maldon Rural District.

	Year of birth						Totals
	1965	1964	1963	1962	1957-1961	1952-1956	
Diphtheria	25	30	3	6	405	124	593
Tetanus	44	29	3	6	396	124	602
Whooping Cough	22	28	3	2	54	3	112
Poliomyelitis	1	1	—	3	286	39	330
Smallpox	—	—	—	2	3	3	8

It remains for me to record my appreciation for the assistance and support I have had from the Clerk, the Senior Public Health Inspector and the clerical staff of the department.

I have the honour to be,

Your obedient Servant,

J. A. SLATTERY,

Medical Officer of Health



## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

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Hospital treatment for patients in the area is the responsibility of the Regional Hospital Boards.

The Children's Department of the Essex County Council is responsible for the welfare of children and young persons in the area.

### AMBULANCE FACILITIES

These are provided by the Essex County Council and the Ambulance Station for the area is in Spital Road, Maldon.

### CLINICS AND TREATMENT CENTRES (provided by the County Council)

#### *Tuberculosis Dispensary:*

St. Peter's Hospital, Maldon; each Friday, 2—5 p.m.

#### *Maternity and Child Welfare Centres:*

Mayland	Henry Samuel Hall	4th Thursday in each month 2.30 p.m.	Doctor in attendance
Bradwell-on-Sea	Village Hall	1st Wednesday in each month 2 p.m.	Doctor sometimes in attendance
South-minster	Baptist Chapel School Room	4th Monday in each month 2.30 p.m.	Doctor in attendance
Tollesbury	Institute	1st and 3rd Tuesdays in each month 2 p.m.	Doctor attends 3rd Tuesday
Wickham Bishops	Church Room	2nd Wednesday in each month 2.30 p.m.	Doctor in attendance
Great Totham	Village Hall	4th Wednesday 2 p.m.	Doctor attends all sessions

*Maternity and Child Welfare Centres—cont.*

Cold Norton	Village Hall	4th Tuesday in each month 1.45 p.m.	Doctor in attendance
Tillingham	Village Hall	2nd Thursday in each month 2.30 p.m.	Doctor in attendance
Heybridge	Waring Hall	2nd and 4th Tuesdays in each month 2.30 p.m.	Doctor attends 2nd Tuesday
Maldon	Health Centre	Every Friday 2 p.m.	Doctor attends 1st, 3rd, and 5th Fridays
Purleigh	Village Hall	4th Wednesday in each month 1.30 p.m.	Doctor in attendance
*Woodham Walter	Women's Institute Club Room	Last Thursday in each month 2 p.m.	Doctor in attendance on 5th Thurs.

\*This Clinic has the Medical Officer in attendance only when there are 5 Thursdays in the month and the Clinic is held on that Thursday instead of 4th Thursday.

Goldhanger	Village Hall	3rd Thursday in each month 2 p.m.	Doctor in attendance
Tolleshunt D'Arcy	Village Hall	2nd Thursday in each month 2.30 p.m.	Doctor in attendance
Latchingdon	Village Hall	1st Thursday in each month	Doctor attends all sessions

*Women's Welfare Clinic:*

Health Centre, Wantz Chase, Maldon	3rd and 5th Monday 10 a.m.	Doctor in attendance
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*School Clinics:*

Orthopaedic After Treatment Centre	St. Peters Hospital Maldon	By appointment
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School Clinic	Health Centre, Wantz Chase, Maldon	1st, 3rd & 5th Fridays 9.30 a.m.—12 noon. Doctor in attendance.
Eye Clinic	St. Peter's Hospital, Maldon	By appointment
Speech Therapy	Health Centre, Wantz Chase, Maldon	Thursdays, a.m. and p.m.

Dental Clinics are also held at the Maldon Health Centre and other places in the district as and when required.

For operative treatment for the removal of Adenoids and enlarged Tonsils arrangements have been made by the Essex County Education Committee at the following hospitals:—

Chelmsford and Essex, Chelmsford; St. John's Chelmsford and Essex County, Colchester.

*Family Planning Clinic:*

E.C.H.S. Clinic Coval Lane Clinic	Chelmsford	Monday, Tuesday and Thursday evenings, 6.30 p.m.-8 p.m.
E.C.H.S. Clinic Wantz Chase, Maldon		Each Wednesday even- ing, 6.30 p.m.-7.30 p.m.

*Treatment Centres for Venereal Diseases:*

These are situated at Chelmsford and Colchester Hospitals, Oldchurch County Hospital, Romford, and a number of London General Hospitals.

PROFESSIONAL NURSING IN THE HOME

(a) General Nursing—this is under the supervision of the County Council.

(b) Infectious Diseases. No arrangements have been made by the District Council.

HOME HELPS. Application should be made to the Area Medical Officer of Health at 75, Springfield Road, Chelmsford; (Tel. No. Chelmsford 54891).

LABORATORIES. Public Health Laboratory Service, Chelmsford and Essex Hospital, London, Road, Chelmsford.

## Public Health Inspection of the Area

Description of Work		No. of Visits
Housing:		
	Disrepair and sanitary defects	126
	Reconditioning or demolition	55
	Overcrowding	45
Inspections re:	Council House applications	282
	Houses surveyed and recorded	65
	Certificates of Disrepair	—
	Miscellaneous	7
Improvement Grants:		
Discretionary	Initial Visits	160
Improvement	Visits of works in progress	493
or Conversion	Visits upon completion	34
Standard	Initial Visits	38
Grants	Visits of works in progress	121
	Visits upon completion	15
Public Health Acts:		
	Public Health nuisances	133
	Smoke nuisances	1
	Noise nuisances	25
Sewerage and Drainage:		
	Surveys re proposed sewage schemes	69
	Drainage nuisances	148
	Drainage advisory visits	72
	Drain tests and inspections	152
	Closet conversions	42
Public cleansing supervision:		
	Refuse collection	108
	Refuse disposal	144
	Nightsoil collection	153
	Nightsoil disposal	6
	Cesspool emptying	12
	Cesspool contents disposal	11
Water Supply:		
Samples taken	Public mains supply	4
from:	Private wells	4
	Swimming Pools	13
Other visits:		82
Caravan Sites:		
	Permanent residential	5
	Seasonal holiday	23
	Individual sites	112
	Carried forward	2,760



Description of Work		No. of Visits
Brought Forward		2,760
Food:		
	Bakehouses	1
	Fish Shops and Fish Fryers	—
	Game Dealers' Premises (Lcd.)	—
	General provision shops	29
	Ice cream premises (Rgd.)	16
	Meat products premises (Rgd.)	2
Food Premises	Meat shops	8
Inspections:	Poultry dressing premises	8
	Public houses and Inns	4
	Restaurants and cafes	2
	Slaughterhouses and meat inspection	604
	Street vendors	4
	School kitchens and sculleries	18
	Works Canteens	1
	Dairies	5
	Canning Factories	5
Rodent and Other Pests Control:		
	Surveys under Pests Act	2
	Treatment of Domestic Premises	5
Inspections	Treatment of Agriculture and business premises	6
Re:	Other Pests	20
	Premises disinfested	6
Factories and Workshops:		
Inspections	Factories with mechanical power	11
re:	Workplaces	—
	Outworkers premises	—
	Building and Engineering sites	—
Offices, Shops and Railway Premises Act:		
	Offices	9
	Shops	19
Miscellaneous:		
	Scrap Metal Dealers Act	1
	Animal Boarding Establishments, Act	10
	Boiling of Waste Foods	6
	Pet shops	—
	Notifiable Disease Investigations	1
Inspections	Disinfections	1
re:	Swimming Pools	4
	Schools (San. acc.)	1
	Houseboats	6
	Stables and piggeries	3
	Miscellaneous visits	147
TOTAL NO. OF INSPECTIONS UNDER PUBLIC HEALTH		3,725
Council House Management:		
	Maintenance	454
	Modernisation	863
Inspections	Applications	267
re:	Revision of waiting lists	48
	Other visits	99
TOTAL NO. OF ALL INSPECTIONS MADE		5,456

## Notices Served and Complied With

### Nature of Work

#### *Public Health and Housing Acts*

	<i>Formal</i>	<i>Informal</i>	<i>Complied with</i>
Cesspool Nuisances	—	7	2
Dampness	—	2	—
Dirty Conditions	1	—	1
Drainage Nuisances	1	42	19
Keeping of Animals	—	2	1
Housing Defects	7	6	4
Fly Infestations	—	2	1
Noxious Effluvia	—	—	—
Inadequate Dustbins	1	2	1
Defective or Unsatisfactory Drains and Sewers	5	1	10
Refuse and Accumulations	—	8	7

#### *Food Hygiene (General) Regulations*

Unsatisfactory Washing Facilities	—	6	1
Lack of "Wash Your Hands" Notices	—	4	4
Unsatisfactory Cloakroom Facilities	—	1	1
Structural Defects	—	3	3
Unsatisfactory Sanitary Conveniences	5	3	6
Unsatisfactory Storage of Food	—	1	1
Unsatisfactory Cleanliness of Walls and Floors	—	3	—

#### *Offices, Shops and Railway Premises Act*

Provision of First Aid Equipment	—	—	9
Provision of Thermometer	—	—	7

## SEWERAGE AND SEWAGE DISPOSAL

Schemes Prepared Direct by Your  
Engineer and Surveyor's Department

### Southminster Sewage Works Extension

This extension was completed in July 1966.



### **Extension of Sewers Devonshire Road and Hillside Road, Southminster**

It has been necessary to extend sewers in the above roads to meet the requirements of new housing estate developments and also to alter the pumping equipment in Devonshire Road Pumping Station. Work on the sewers is now completed and one of the pumps has already been altered.

### **Bradwell-on-Sea Sewerage and Sewage Disposal Scheme**

Tenders for this work were accepted in July 1966 and work commenced on the laying of the sewers in October 1966.

### **Tolleshunt Knights Sewerage Scheme**

This scheme was approved by the Ministry in July 1966 and work is now in hand on the preparation of quantities and tender documents and it is hoped to obtain tenders early in 1967.

### **St. Lawrence Sewerage and Sewage Disposal Scheme**

A start has been made of the surveying and levelling of this scheme but in view of the considerable amount of work now being carried on by my department it will be some time before the scheme can be submitted to the Council.

### **Schemes Prepared by Your Consultants**

#### **Langford Sewerage and Sewage Disposal Scheme**

Work on this scheme was completed in July 1966.

#### **Althorne-Mayland Sewerage and Sewage Disposal Scheme**

It was hoped to make an early start on this scheme but the original tenderer withdrew and this meant re-advertising and work did not in fact commence on the laying of the sewers until November 1966.

#### **Tolleshunt D'Arcy Sewerage and Sewage Disposal Scheme**

Tenders were invited for this scheme in July 1966 but subsequently the original tenderer withdrew and it has necessitated re-advertising. It is hoped that this scheme will be commenced in the summer of 1967.

#### **Latchingdon, Cold Norton, Stow Maries and Mundon Sewerage and Sewage Disposal Scheme**

This scheme was prepared by the Ministry in May 1966 and tenders were invited in November 1966 and subject to Ministry approval it is hoped that a start will be made on the scheme in the late spring of 1967.

### **Little Totham and Tolleshunt Major Sewerage and Sewage Disposal Scheme**

An inquiry into this scheme was held by the Ministry in August 1966 and the Ministers decision on this scheme is now awaited.

### **DRAINAGE IMPROVEMENTS AND PAIL CLOSET CONVERSIONS**

During the year the following work has been carried out under the supervision of the Public Health Department.

#### **Sewer Connections**

Great Braxted	4	
Little Braxted	4	
Goldhanger	2	
Langford	1	
Purleigh	1	
Tillingham	1	
Great Totham	20	
Wickham Bishops	24	
Woodham Walter	16	
50 per cent contribution to cost of closet conversion (Section 47 of the Public Health Act 1936)	..	5
Premises drained to Cesspools or Septic Tanks	.. ..	22
Conversions of pail closets to water closets	.. ..	91
Drains Reconstructed .. .. .	.. ..	98

### **WATER SUPPLY**

#### **Water Consumption for the Year Ending 31st March 1967**

The water consumption during the year is set out in the following sheets and also the cost of pumping from the various stations, together with a summary of the work carried out on new services, repairs to existing services and main and renewal of meters, etc.



The consumption per head for domestic purposes has increased by two gallons during the past year, but as the Committee will appreciate there was no prohibition of hosepipes during 1966 and this has no doubt given rise to the increase in consumption. The consumption per head for non-domestic purposes remains the same as the previous year.

During the year a further 290 new connections were made to new properties.

Approximately  $10\frac{1}{2}$  miles of new water mains were laid during the year and 2 miles of existing mains were renewed.

The estimated average population figure for the year is taken as 20,000.

During the year the work was commenced on the new 10" Trunk Water Main for Runsell Green to the proposed water tower at Great Whitmans Farm, Purleigh, and the 9" main from the water tower along the Latchingdon Road, Cold Norton to the Waggon and Horses P.H., Latchingdon, and the 6" main up to Tyle Hall water tower. This work is completed with the exception of final testing of the main.

A start was also made on the construction of the three water towers, the contractors, however, are concentrating on the water tower at Great Whitmans which is the most urgent of the three. It is hoped that all these three towers will be completed during the year ending March 1968.

During the past year the following renewals were carried out:

Tudwick Road, Tolleshunt D'Arcy	3"
Fambridge Road, Latchingdon	5"
Burnham Road, Latchingdon	7"

New mains were laid as follows:

Butterfields Estate, The Street, Latchingdon	4"
Kings Road, Great Totham	3"
Larkfield Estate, Tillingham	4"
Hillside Road and Dengie Road, Southminster	4"
Hillside Road and Rupert Road, Southminster	4" and 3"
The Westerings, Purleigh	3"
New Estate off Top Road, Woodham Walter	3"
Stephenson Road, North Fambridge	3"
New Estate, Great Ruffins, Great Totham	3"
Chasefields Estate, Great Totham	3" and 4"

**Particulars as to Consumption**

	1966/7	Daily	1965/6	Daily
Domestic Consumption	188,701,000	517,000	162,030,000	444,000
Metered Supplies ..	226,844,000	621,000	214,170,000	586,000
Special Charges ..	3,682,000	10,000	2,034,000	6,000
	<u>419,227,000</u>	<u>1,148,000</u>	<u>378,234,000</u>	<u>1,036,000</u>
<i>Consumption per head per day</i>		<i>Gallons</i>		<i>Gallons</i>
Domestic .. ..		26		24
Non-domestic .. ..		31		31
		<u>57</u>		<u>55</u>

**Summary of Work Carried Out by Waterworks Department**

<i>Description</i>	<i>Year Ending</i> 31.3.67	<i>Year Ending</i> 31.3.66
New services installed ..	290	334
New metered supplies installed	21	12
Meters changed on existing supplies .. ..	89	91
Meters removed from existing supplies .. ..	18	21
Services repaired .. ..	170	195
Services disconnected ..	19	15
Mains repaired .. ..	70	88
New valves .. ..	52	33
New hydrants .. ..	29	50
Hydrants repaired .. ..	34	30
Valves repaired .. ..	59	20
Valves and hydrants removed	4	39
New mains laid		
(Asbestos Cement) ..	18622 yds.	1384 yds.
(PVC) .. ..	—	7487 yds.
Mains renewed		
(Asbestos Cement) ..	3661 yds.	10541 yds.
Total mileage of water mains of all sizes at 31.3.67 ..	200 miles	



## COMPARISON OF CONSUMPTION OF NON-DOMESTIC SUPPLIES 1966/67

Parish	No. of Meters 1966/67	Consumption by Meter 1966/67 in 1,000 Gallons	Estimated Consumption Special Charges 1966/67 in 1,000 Gallons	No. of Meters 1965/66	Consumption by Meter 1965/66 in 1,000 Gallons	Estimated Consumption Special Charges 1965/66 in 1,000 Gallons
Althorne ..	38	4,207	200	36	3,679	145
Asheldham ..	21	3,106	7	22	2,165	2
Bradwell ..	48	115,136	190	48	109,688	135
Braxted, Great	16	1,626	5	19	1,400	—
Braxted, Little	3	83	22	3	278	—
Burnham U.D.C.	1	—	—	1	—	—
Cold Norton ..	21	813	102	21	747	80
Dengie ..	18	1,912	5	18	1,542	—
North Fambridge ..	6	728	122	6	726	83
Goldhanger ..	11	731	58	11	857	30
Hazeleigh ..	14	1,164	45	14	1,073	28
Langford ..	5	331	6	4	289	—
Latchingdon ..	42	4,747	214	42	4,871	86
Maldon Borough ..	—	—	—	—	—	—
Mayland ..	66	8,426	74	64	7,362	46
Mundon ..	32	6,935	84	29	5,186	67
Purleigh ..	82	8,014	234	82	7,962	212
St. Lawrence ..	39	5,410	182	37	4,259	110
Southminster ..	61	5,993	435	61	5,311	273
Steeple ..	31	5,697	56	33	4,879	29
Stow Maries ..	16	1,948	—	16	2,070	—
Tillingham ..	29	5,185	118	29	5,118	101
Tollesbury ..	24	2,744	178	25	3,565	—
Tolleshunt D'Arcy ..	46	4,364	254	43	4,704	143
Tolleshunt Knights ..	22	1,022	29	21	1,134	12
Tolleshunt Major ..	30	24,252	133	30	24,357	89
Totham, Great ..	38	4,194	381	40	4,015	142
Totham, Little ..	22	2,227	67	22	1,483	34
Ulling ..	2	771	16	2	447	5
Wickham Bishops ..	19	1,218	263	18	1,033	52
Witham U.D.C. ..	1	208	—	1	176	—
Woodham Mortimer ..	23	1,452	119	24	1,496	80
Woodham Walter ..	26	2,200	83	26	2,298	50
TOTAL ..	853	226,844,000	3,682,000	848	214,170,000	2,034,000
Average Daily ..	—	621,000	10,000	—	587,000	6,000

## SUMMARY OF WATER COSTS

Bulk Supply	Water Supply for Year Ending 31.3.67				Water Supply for Year Ending 31.3.66			
	Total Gallons	Average Daily	Cost £	Cost per 1,000 Gallons	Total Gallons	Average Daily	Cost £	Cost per 1,000 Gallons
South Essex Waterworks Co.	220,477,000	604,000	28,783 10 6	31.33d.	180,772,000	495,000	28,004 3 10	37.18d.
Southend Waterworks Co.	141,729,000	388,000	29,761 10 9	49.55d.	139,617,000	383,000	24,195 0 10	41.59d.
Colchester Water Board ..	—	—	1 6 0	—	33,000	—	—	—
Chelmsford R.D.C. . .	31,000	—	4 4 2	32.58d.	10,000	—	1 8 9	34.50d.
	362,237,000	992,000	58,550 11 5	38.79d.	320,432,000	878,000	52,200 12 7	39.10d.
<i>Own Supplies</i>								
Asheldham ..	4,779,000	13,000	269 2 4	13.52d.	4,093,000	11,000	239 0 11	14.02d.
Warren Bottom	27,756,000	76,000	2,536 6 7	11.66d.	31,553,000	86,000	2,710 16 5	12.11d.
Jacobs Well ..	24,455,000	67,000			22,156,000	61,000		
	56,990,000	156,000	2,805 8 11	11.82d.	57,802,000	158,000	2,949 17 4	12.25d.
<i>Total Supplied</i>	419,227,000	1,148,000	61,356 0 4	35.13d.	378,234,000	1,036,000	55,150 9 11	34.99d.



**RECORD OF HABITABLE HOUSES AND WATER  
SUPPLY AS AT 31st DECEMBER 1966**

PARISH	Habitable Houses (not including Huts or Vans)	No. of Houses on Domestic Water Supply	Within 100 yds. of water main but not supplied	Where piped water supply is not available
Althorne .. ..	195	195	—	—
Asheldham .. ..	53	53	—	1
Bradwell-on-Sea .. ..	267	258	4	5
Braxted, Great .. ..	128	98	5	25
Braxted, Little .. ..	47	45	2	—
Cold Norton .. ..	230	230	—	—
Dengie .. ..	51	45	—	6
Fambridge, North .. ..	140	139	—	1
Goldhanger .. ..	206	204	—	4
Hazeleigh .. ..	42	42	—	—
Langford .. ..	60	48	—	12
Latchingdon .. ..	369	369	—	—
Mayland .. ..	257	252	5	—
Mundon .. ..	102	102	—	—
Purleigh .. ..	357	355	—	2
St. Lawrence .. ..	166	166	—	—
Southminster .. ..	886	867	2	15
Steeple .. ..	157	155	—	2
Stow Maries .. ..	80	80	—	—
Tillingham .. ..	305	285	11	9
Tollesbury .. ..	621	618	2	1
Tolleshunt D'Arcy .. ..	347	329	9	9
Tolleshunt Knights .. ..	194	194	—	—
Tolleshunt Major .. ..	146	139	2	5
Totham, Great .. ..	600	593	2	5
Totham, Little .. ..	112	102	4	6
Ulting .. ..	49	36	1	12
Wickham Bishops .. ..	361	336	5	22
Woodham Mortimer .. ..	156	152	3	1
Woodham Walter .. ..	195	176	2	17
TOTALS .. ..	6879	6660	59	160

**Number of Properties in District receiving water supply  
other than from Maldon Rural District Council**

Langford and Ulting	..	26	Supplied direct by Southend Waterworks
Cold Norton	.. ..	5	Supplied direct by Southend Waterworks
Ulting	.. .. .	7	Supplied by Braintree R.D.C.
Woodham Mortimer	..	4	Supplied by Maldon Borough Council
Goldhanger	.. .. .	1	Supplied by Maldon Borough Council
Little Totham	.. ..	5	Supplied by Maldon Borough Council

**Number of Properties outside Maldon Rural District  
supplied by Maldon Rural District Council**

Witham	.. .. .	20
Maldon	.. .. .	5

**Sample of Water from Woodham Walter  
Pumping Station**

					<i>Chemical Results in Parts per Million</i>
Appearance	..	..	..	..	Clear and Bright
Turbidity	..	..	..	..	Nil
Colour	..	..	..	..	Nil
Odour	..	..	..	..	Chlorinous
pH	..	..	..	..	6.6
Free Carbon Dioxide	..	..	..	..	26
Electric Conductivity	..	..	..	..	475
Dissolved Solids dried at 180°C	..	..	..	..	340
Chlorine present as Chloride	..	..	..	..	41
Alkalinity as Calcium Carbonate	..	..	..	..	50
Hardness: Total	..	..	..	..	190
Carbonate	..	..	..	..	50
Non-carbonate	..	..	..	..	140
Nitrate Nitrogen	..	..	..	..	13
Nitrite Nitrogen	..	..	..	..	Absent
Ammoniacal Nitrogen	..	..	..	..	0.02
Oxygen Absorbed	..	..	..	..	0.10
Albuminoid Nitrogen	..	..	..	..	0.00
Residual Chlorine	..	..	..	..	0.3
Metals	..	..	..	..	Absent



*Bacteriological Results*

Number 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°C.	— per ml.
Presumptive Coli-form Reaction:	Absent 100 ml.
Bact. coli (Type 1)	Absent 100 ml.

**Report**

This sample is clear and bright in appearance and free from iron and other metals. The water is acid in reaction and, from the aspect of corrosive activity, a higher pH value is required. The water is moderately hard in character and it contains no excess of mineral constituents. It is of very satisfactory organic and bacterial purity.

Apart from the criticism attaching to the corrosive characteristics the results are indicative of a pure and wholesome water suitable for public supply purposes.

**Sample of Water from Asheldham Pumping Station**

						<i>Chemical Results in Parts per Million</i>
Appearance	..	..	..	..	..	Clear and Bright
Turbidity	..	..	..	..	..	Nil
Colour	..	..	..	..	..	Nil
Odour	..	..	..	..	..	Chlorinous
pH	..	..	..	..	..	5.9
Free Carbon Dioxide	..	..	..	..	..	53
Electric Conductivity	..	..	..	..	..	600
Dissolved Solids Dried at 180°C	..	..	..	..	..	430
Chlorine present as Chloride	..	..	..	..	..	56
Alkalinity as Calcium Carbonate	..	..	..	..	..	20
Hardness: Total	..	..	..	..	..	230
Carbonate	..	..	..	..	..	20
Non-carbonate	..	..	..	..	..	210
Nitrate Nitrogen	..	..	..	..	..	23
Nitrite Nitrogen	..	..	..	..	..	Absent
Ammoniacal Nitrogen	..	..	..	..	..	0.00
Oxygen Absorbed	..	..	..	..	..	0.35
Albuminoid Nitrogen	..	..	..	..	..	0.02
Residual Chlorine	..	..	..	..	..	2.5
Metals	..	..	..	..	..	Absent

*Bacteriological Results*

Number 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°C. — per ml.

Presumptive Coli-form Reaction: Absent 100 ml.

Bact. coli (Type 1) Absent 100 ml.

**Report**

This sample is clear and bright in appearance and is free from metals. It has, however, a reaction on the acid side of neutrality with very low carbonate alkalinity on account of which it will tend to show corrosive action on metals. The water is hard in character but its hardness and its content of mineral and saline constituents in solution are not excessive. It is of a high standard of organic quality and bacterial purity.

These results are indicative of a pure and wholesome water. For public supply purposes, however, correction of its acidic reaction causing action on metals is recommended. Its content of nitrates is undesirably high for use in the preparation of infant feeds. A chlorinous odour is noticeable due to the unusually high content of residual chlorine in the sample.

# **SOUTH ESSEX WATERWORKS COMPANY**

## **ANALYSIS OF PURIFIED WATER AT LANGHAM AND LAYER 1966**

(PARTS PER MILLION)

	Langham Works (Average of Weekly Analysis)	Layer-de-la-Haye Works (Average of Weekly Analysis)
Total Dissolved Solids ..	544	448
pH Value .. ..	7.75	7.75
Residual Chlorine Cl. ..	0.32	0.29
Chlorides, Cl. .. ..	55	56
Nitrate Nitrogen .. ..	5.1	1.7
Nitrite Nitrogen .. ..	0.001	0.001
Hardness, non-carbonate ..	146	141
carbonate ..	240	151
total .. ..	386	292
Free Ammonia (NH <sub>3</sub> ) ..	0.17	0.18
Albuminoid Nitrogen ..	0.11	0.17
Oxygen absorbed (4 hours/27°C.) .. ..	1.28	1.55
Iron (Fe) .. ..	0.01	0.01

### **Bacteriological Examinations**

No. of Tests during year ..	315	313
% of samples which were free from Bact. Coli (Type 1) in 100 ml. .. ..	100.0	100.0
% of samples which were free from Coloform bacteria in 100 ml. .. ..	96.5	99.0
Maximum count of coliform bacteria per 100 ml. ..	10	1



**Sample of Water taken from the Mains of the  
Southend Waterworks Company**

					<i>Chemical Results in Parts per Million</i>
Appearance	..	..	..	..	Bright with a few particles
Turbidity	..	..	..	..	less than 3
Colour	..	..	..	..	13
Odour	..	..	..	..	Nil
pH	..	..	..	..	9.4
Free Carbon Dioxide	..	..	..	..	Absent
Electric Conductivity	..	..	..	..	580
Dissolved Solids dried at 180°C	..	..	..	..	420
Chlorine present as Chloride	..	..	..	..	58
Alkalinity as Calcium Carbonate	..	..	..	..	30
Hardness: Total	..	..	..	..	140
Carbonate	..	..	..	..	30
Non-carbonate	..	..	..	..	110
Nitrate Nitrogen	..	..	..	..	5.2
Nitrite Nitrogen	..	..	..	..	less than 0.01
Ammoniacal Nitrogen	..	..	..	..	0.08
Oxygen Absorbed	..	..	..	..	1.6
Albuminoid Nitrogen	..	..	..	..	0.10
Residual Chlorine	..	..	..	..	0.20 at sampling
Metals: Iron, Zinc, Copper and Lead	..	..	..	..	Absent

*Bacteriological Results*

Number of colonies developing on Agar:

1 day at 37°C.	7 per ml.
2 days at 37°C.	9 per ml.
3 days at 20°C.	12 per ml.
Presumptive Coliform Reaction	Absent 100 ml.
Bact. coli (Type 1)	Absent 100 ml.
Cl. Welchii Reaction	Present in 100 ml. Absent from 10 ml.

**Report**

This sample is practically clear and bright in appearance, distinctly but not excessively alkaline in reaction and free from iron and other metals. The water has very moderate hardness and it contains no excess of mineral constituents. It shows only a trace of colour and is of satisfactory organic and bacterial purity.

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

### **Swimming Baths and Pools**

There is a small open air salt water pool at Tollesbury and small open air pools at Bradwell-on-Sea, Latchingdon, and Purleigh County Primary Schools. Tests of the school pools in connection with efficiency of chlorination and pH value of the water are carried out at regular intervals.

The previous practice of sampling the open air salt water pool at Tollesbury has been discontinued as it was felt that the results obtained tended to be misleading and of little practical use. The view is held that any person bathing in untreated water must consider the risk to health thereby involved set against the undoubted benefits to health of swimming and bathing as an exercise and relaxation.

## **PUBLIC CLEANSING**

### **Household Refuse**

A weekly collection is carried out by contractors in the Parishes of Southminster and Tollesbury and in the Broad Street Green area of Great Totham. Throughout the remainder of the district the collection is fortnightly.

Collection from the more outlying properties is fortnightly by Direct Labour.

Arrangements for the collection of more bulky items of household refuse may be made on application to the Public Health Department and this service is provided by Direct Labour.

### **Collection of Nightsoil**

Until the Council's programme of main drainage is completed, the number of properties without water closets must, unfortunately, remain high and is currently estimated at 1,017.

A weekly pail closet collection from all Parishes in the area is carried out by private contractors.

### **Emptying of Cesspools**

The Council commenced a scheme for the emptying of cesspools throughout the district in April, 1961. The scheme allows for a once yearly free emptying.

### **Derelict Cars**

The abandonment of derelict car bodies on wayside verges has unfortunately increased. It has been necessary for the Council to arrange for the removal of 12 car bodies during the year. The vehicles have been carted to the Council's tip. This has not been a particularly satisfactory solution and arrangements have now been made with a firm of car breakers for the collection and disposal of such derelict vehicles.



## Public Sanitary Conveniences

The Council own one block of public sanitary conveniences at St. Lawrence Bay. During the year in response to a circular from the Ministry of Housing and Local Government washing facilities in the form of wash-hand basins and electric hand driers were provided in these conveniences.



## HOUSING

## Statistics for the Year, 1966

Number of new houses erected during the year:

Total	214
(i) By the Local Authority	16
(ii) By other bodies and persons	198

The following table classifies the properties erected and owned by the District Council.

PARISH	4 Bed-room	3 Bed-room	2 Bed-room	1 Bed-room	Total
Althorne .. ..	—	—	—	—	—
Asheldham .. ..	—	5	2	—	7
Bradwell-on-Sea .. ..	2	12	5	7	26
Braxted, Great .. ..	—	18	—	—	18
Braxted, Little .. ..	—	4	—	—	4
Cold Norton .. ..	—	10	—	—	10
Dengie .. ..	—	8	—	—	8
Fambridge, North .. ..	—	—	—	—	—
Goldhanger .. ..	—	74	4	8	86
Hazeleigh .. ..	—	6	—	—	6
Langford .. ..	—	—	—	—	—
Latchingdon .. ..	2	55	23	—	80
Mayland .. ..	—	12	—	—	12
Mundon .. ..	—	22	—	—	22
Purleigh .. ..	2	30	13	—	45
St. Lawrence .. ..	—	—	—	—	—
Southminster .. ..	13	177	8	12	203
Steeple .. ..	1	18	3	—	22
Stow Maries .. ..	—	18	—	—	18
Tillingham .. ..	—	51	6	7	64
Tollesbury .. ..	—	66	8	—	74
Tolleshunt D'Arcy .. ..	—	56	6	8	70
Tolleshunt Knights .. ..	—	10	—	—	10
Tolleshunt Major .. ..	2	13	2	—	17
Totham, Great .. ..	1	86	19	—	106
Totham, Little .. ..	—	11	—	—	11
Ulting .. ..	—	—	—	—	—
Wickham Bishops .. ..	2	51	8	—	61
Woodham Mortimer .. ..	—	18	—	—	38
Woodham Walter .. ..	—	24	14	—	18
TOTALS .. ..	25	854	121	42	1037

The total includes six Coastguard cottages (parlour) re-erected on a new site in Bradwell-on-Sea and buildings at Asheldham and Southminster converted into six dwellings, nine cottages (non-parlour) purchased by the Council at Wickham Bishops, and 18 agricultural cottages (parlour) at Asheldham (4), Southminster (4), Steeple (6), Tolleshunt D'Arcy (4), 26 houses at Tillingham, 20 houses at Latchingdon and 93 houses at Southminster (built for and occupied by employees of the Central Electricity Generating Board employed at Bradwell Generating Station).

### Housing Act 1957

#### Houses repairable at a reasonable cost

No. of houses rendered fit after service of notices under Housing Act 1957; Ss. 9, 10 and 16.

By owner:

By local authority:

No. of houses rendered fit after service of notices under Public Health Act:

By owner:

By local authority:

*Totals:*

By owner:

By local authority:

<i>Formal</i>	<i>Informal</i>
4	66
—	—
3	3
—	—
7	69
—	—

#### Houses not repairable at a reasonable cost

No. of Undertakings accepted (S.16)	.. .. .	2
No. of Owners' Orders made (S.17)	.. .. .	4
No. of Demolition Orders made (S.17)	.. .. .	2
No. of Houses Demolished	.. .. .	18
No. of Persons Displaced		
(a) Individuals	.. .. .	6
(b) Families	.. .. .	5
No. of Clearance Areas represented during the Year	.. .. .	—



**Housing (Financial Provisions) Act, 1958**  
**as amended by**  
**House Purchase and Housing Act, 1959**

**Improvement Grants**

(1) Standard

	Owner/Occupiers		Tenanted	
	Standard		Standard	
	5 point	3 point	5 point	3 point
1. No. of Applications:				
received	16	—	—	—
approved	10	—	4	—
refused	—	—	—	—
2. No. of dwellings improved	24			

				£	s.	d.
3. Amount paid in grants	..	..	..	3,668	12	9
4. Average grant per house	..	..	..	161	3	10
5. No. of amenities provided:						

(a) fixed bath	..	..	..	..	..	20
(b) shower..	..	..	..	..	..	—
(c) wash hand basin	..	..	..	..	..	22
(d) hot water supply (to any fittings)	..	..	..	..	..	23
(e) water closet						
(1) within dwelling	..	..	..	..	..	20
(2) accessible from dwelling	..	..	..	..	..	—
(f) food store	..	..	..	..	..	14



## (2) Discretionary

	Owner/Occupiers	Tenanted
1. No. of applications received	37	
2. No. of applications approved	16	18
3. No. of applications refused	—	—
4. No. of dwellings improved	16	18

  

			£	s.	d.
5. Amount paid in grants	..	..	15,289	5	0
6. Average grant per house	..	..	357	0	0

### Housing Act

The following table gives an analysis of the number of houses modernised since the improvement grant scheme was introduced in 1949:

PARISH	Improve- ment Grants	Standard Grants	Council Houses	Total Modern- ised
Althorne .. ..	20	3	—	23
Asheldham .. ..	3	4	—	7
Bradwell-on-Sea .. ..	20	5	—	25
Great Braxted .. ..	9	2	—	11
Little Braxted .. ..	9	2	—	11
Cold Norton .. ..	7	2	—	9
Dengie .. ..	4	—	—	4
North Fambridge .. ..	11	1	—	12
Goldhanger .. ..	12	5	28	45
Hazeleigh .. ..	1	1	—	2
Langford .. ..	8	—	—	8
Latchingdon .. ..	8	2	—	10
Mayland .. ..	7	3	—	10
Mundon .. ..	7	1	—	8
Purleigh .. ..	13	9	18	40
St. Lawrence .. ..	4	—	—	4
Southminster .. ..	18	7	38	63
Steeple .. ..	11	1	—	12
Stow Maries .. ..	1	—	—	1
Tillingham .. ..	22	12	—	34
Tollesbury .. ..	85	25	30	140
Tolleshunt D'Arcy .. ..	21	4	—	25
Tolleshunt Knights .. ..	9	9	—	18
Tolleshunt Major .. ..	19	1	—	20
Great Totham .. ..	54	14	26	94
Little Totham .. ..	7	1	—	8
Ulting .. ..	11	2	—	13
Wickham Bishops .. ..	14	11	12	37
Woodham Mortimer .. ..	12	2	6	20
Woodham Walter .. ..	22	2	12	36
	449	131	170	750

Total number of houses in district at end of 1939—5,052.

**Housing Act 1964**

No. of Improvement Areas .. .. . —

No. of representations made by tenants outside improvement areas .. .. . 1

(When this representation was referred to the owners of the property they agreed to sell it to the tenant who has satisfactorily improved it with the aid of a grant).

**Rent Act 1957**

Application for Certificates of Disrepair .. 0

**Caravan Sites and Control of Development Act 1960**

No. of Site Licences operating as at 31st December 1966:

- (a) Individual 8 residential; 48 holiday.  
 (b) Multiple 1 residential situated at Riverview Caravan Park, Althorne, which is licensed for 100 caravans.  
 7 holiday sites as follows:

<i>Sites</i>	<i>No. of Licensed Caravan Sites</i>
Green Man Camping Site, Bradwell-on-Sea	30
St. Cedds Caravan Park, East End Road, Bradwell-on-Sea	70
Everitts Caravan Park, Maylandsea, Latchingdon	30
Lawlinge Caravans, Maylandsea, Latchingdon	100
St. Lawrence Caravan Club, St. Lawrence Bay	400
Wick Farm Caravan Site, St. Lawrence Bay	100
Steeple Bay Caravan Park, Steeple	388

*Total No. of Caravans:*

Residential: 108

Holiday: 1,169



A comprehensive inspection of the eight multiple caravan sites was carried out during the year with a view to securing greater conformity to the Site Licence Conditions. At the time of the survey none of the sites was found to be completely satisfactory but as a result of informal action considerable improvements have been carried out of the sites with the result that in four cases complete compliance with the Licence Conditions has been secured and in the other four cases the work necessary for compliance is in an advanced stage. These inspections have included liaison with the officers of the Essex County Fire Brigade and fire fighting equipment on sites is now satisfactory.

An application for variation of Site Licence Conditions at Steeple Bay Caravan Park was received during the year and following a hearing at the Southminster Magistrates Court the licence was varied to allow the use of the site during weekends of the winter months, excluding February. The Court in allowing this winter use intimated that the Council could impose more stringent conditions to allow for such use and these took the form of requirements for hardstandings for all caravans and improved sanitation, washing and laundry facilities. Work on bringing the site up to this improved standard is proceeding.

#### **Unlicensed Caravan Sites**

The use of unlicensed sites for permanent residence has presented some problems but as a result of informal action fourteen of these sites have been cleared.

#### **Tented Camping Sites**

There are two tented camping sites in regular use during the year. The period of use not being sufficient to require formal licensing. Conditions at these sites are satisfactory.

# FOOD AND DRUGS ACT, 1955

## Meat Inspection

### *Carcases Inspected and Condemned*

	Cattle Excluding Cows	Cows	Calves	Sheep	Pigs
Number killed .. ..	2,016	482	104	9,235	2,937
Number <i>not</i> inspected ..	—	—	—	—	—
<i>All diseases except Tuberculosis and Cysticerci</i>					
Whole carcasses condemned	8	10	9	23	6
Carcasses of which some part or organ was condemned	357	142	2	763	386
<i>Tuberculosis only</i>					
Whole carcasses condemned	—	—	—	—	—
Carcasses of which some part or organ was condemned	—	—	—	—	16
<i>Cysticerci</i>					
Carcasses of which some part or organ was condemned	6	—	—	—	—
Carcasses submitted to refrigeration .. ..	4	—	—	—	—
Generalised and totally condemned .. ..	1	—	—	—	—

Meat Specimens Examined .. 1

## Meat Inspection (Amendment) Regulations 1966

No orders have been made specifying days and times of slaughtering.

## Poultry Inspection

There are three poultry slaughter establishments in the district with an estimated total average through-put of 10,500. A general oversight over the inspection of poultry carried out by the trade in accordance with the Ministry of Health Circular 261/2 is maintained.



### Slaughterhouses

#### *Prevention of Cruelty Regulations:*

Contraventions: Nil.

#### *Hygiene Regulations—Equipment*

Contraventions under Regulations 6 and 17 have been remedied informally.

#### *Hygiene Regulations—Hygiene Practices*

Two contraventions under Regulation 22 have been remedied informally.

### Unsound Food Surrendered or Condemned

	Tons	Cwts.	lbs.
1. Meat at slaughterhouses .. ..	11	7	98
2. Meat at wholesale premises ..		None	
3. Meat at retail shops .. ..		None	
4. Cooked meat and meat products ..		None	
5. Canned meats .. ..	—		10
6. Fish .. ..		None	
7. Fruit and vegetables .. ..		None	
8. Canned vegetables .. ..		11	14
Total ..	11	19	10

### Foreign Bodies in Food

#### *Commodity*

Milk .. ..	3
Sweets .. ..	1
Confectionery ..	1



### Knackers' Yards

The knackers yard at Purleigh has now been closed.

### Bakehouses

There are five bakehouses in the district situated in the following parishes:

Tillingham	..	..	1
Tollesbury	..	..	2
Wickham Bishops	..	..	2

Regular inspections are carried out and conditions are satisfactory.

### Milk Supply

There are 29 licensed distributors of milk in the district.

## ADMINISTRATION OF THE FACTORIES ACT, 1961

Inspections for the purposes of provisions as to health, including inspections made by Public Health Inspectors.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(a) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .. ..	2	—	—	—
(b) Factories not included in (a) in which Section 7 is enforced by the Local Authority .. ..	61	11	—	—
(c) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .. ..	9	—	—	—
TOTAL .. ..	72	11	—	—

### OUTWORK (Sections 110-111)

Nature of Work	Section 110				Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances unwholesome premises	Notices Served	Prosecutions	
Wearing apparel { Making, etc. . . Cleaning and washing	2	—	—	—	—	—	
Total . . .	2	—	—	—	—	—	

# OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

## Registrations and General Inspections

Class of Premises	No. of premises registered during the year	No. of registered premises at end of year	No. of registered premises receiving a general inspection during the year
Offices .. ..	1	19	8
Retail Shops .. ..	1	44	21
Wholesale shops, warehouses .. ..	—	—	—
Catering establishments open to the public, canteens .. ..	—	—	—
Fuel storage depots ..	—	—	—
TOTALS .. ..	2	63	29

Total No. of visits of all kinds by Inspectors to Registered Premises under the Act .. .. . 35

No. of Contraventions found:  
Lighting .. .. . 3

## Exemptions

No. of applications received Nil  
No. of applications granted Nil  
Prosecutions .. .. Nil  
Reported accidents .. Nil



### ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

There are seven animal boarding establishments licensed under the above Act situated in the following parishes:

Althorne  
Latchingdon  
Purleigh  
Southminster  
Tolleshunt D'Arcy  
Ulting  
Woodham Walter

Regular inspections have been carried out and conditions were found to be satisfactory.

### PET ANIMALS ACT, 1951

There are no licensed pet shops in the district.

### SCRAP METAL DEALERS ACT, 1964

There are 15 scrap metal dealers registered under the above Act.

Four Exemption Certificates have been issued under Section 3(1) of the Act.

### CLEAN AIR ACT, 1956

#### Industrial

No. of contraventions .. .. .	Nil
No. of plans submitted showing height of new chimneys .. .. .	1
No. approved .. .. .	1

#### Domestic

No. of Smoke Control Areas .. .. .	Nil
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### NOISE ABATEMENT ACT, 1960—S.1

No. of complaints received .. .. .	2
No. investigated .. .. .	2
Total No. of visits .. .. .	26
No. of complaints received under Section II (Loudspeakers) .. .. .	Nil

## ESSEX COUNTY COUNCIL ACT, 1952, P.7

### Houseboats

During the year six written consents to moor or place houseboats were issued. These houseboats are situated in the parishes of Althorne, North Fambridge, Mayland and Tollesbury.

As a result of informal action during the year two unlicensed houseboats were removed.

## PREVENTION OF DAMAGE BY PESTS ACT, 1939

The Council operates a rat destruction scheme and employs two full-time rat catchers. Work is carried out on farms, domestic premises and local authority undertakings, including refuse tips, sewerage works and sewers throughout the whole of the rural district.

The following is an analysis of the work carried out by the rat catchers during the year:

	Non-Agricultural	Agricultural
No. of Properties in district ..	6827	309
Total No. of properties inspected as a result of notification ..	138	3
No. infested by rats .. ..	133	3
No. infested by mice .. ..	5	—
Total No. of properties inspected for reasons other than notification	64	157
No. infested by rats .. ..	64	147
No. infested by mice .. ..	—	10



**Table showing Census Population 1961 and 1951, and  
Number of Houses Census 1951 and December, 1966**

Parish	Area in statute acres (land and inland water)	Tidal water and fore- shore	Number of Houses 1951	Census Population		Number of Houses at end of Dec. 1966 excl. hutments
				1961	1951	
Althorne .. ..	2080	255	150	483	451	195
Asheldham .. ..	1310	—	51	180	170	53
Bradwell-on-Sea ..	5221	4230	217	1116	680	267
Braxted, Great ..	2634	—	115	322	363	128
Braxted, Little ..	622	—	45	131	162	47
Cold Norton .. ..	1692	—	129	416	401	230
Dengie .. ..	2856	1186	45	117	165	51
Fambridge North ..	1242	107	86	240	278	140
Goldhanger .. ..	1622	—	157	506	462	206
Hazeleigh .. ..	991	—	34	100	114	42
Langford .. ..	991	3	44	182	153	60
Latchingdon .. ..	3992	207	188	843	595	369
Mayland .. ..	1870	—	141	484	426	257
Mundon .. ..	3312	—	91	290	324	102
Purleigh .. ..	5535	87	279	914	886	357
St. Lawrence .. ..	2139	324	50	248	151	166
Southminster .. ..	6512	828	472	1897	1444	886
Steeple .. ..	2709	47	106	338	330	157
Stow Maries .. ..	1610	82	56	182	182	80
Tillingham .. ..	4928	2593	241	764	683	305
Tollesbury .. ..	4839	2019	539	1577	1594	621
Tolleshunt D'Arcy ..	4104	415	248	864	758	347
Tolleshunt Knights ..	1926	—	133	326	405	194
Tolleshunt Major ..	2253	2	126	341	403	146
Totham, Great .. ..	3589	—	395	1291	1221	600
Totham, Little .. ..	1281	—	86	237	292	112
Ulting .. ..	1034	—	44	108	132	49
Wickham Bishops ..	1606	—	275	911	866	361
Woodham Mortimer ..	1387	—	105	434	341	156
Woodham Walter ..	2620	—	173	499	531	195
<b>TOTALS .. ..</b>	<b>78507</b>	<b>12385</b>	<b>4821</b>	<b>16341</b>	<b>14963</b>	<b>6879</b>





TABLE 10. *State Registration of Deaths, 1951-1955*  
*Number of Deaths, Cause, 1951-1955*

State	1951	1952	1953	1954	1955
Alabama	1,000	1,000	1,000	1,000	1,000
Alaska	100	100	100	100	100
Arizona	1,000	1,000	1,000	1,000	1,000
Arkansas	1,000	1,000	1,000	1,000	1,000
California	1,000	1,000	1,000	1,000	1,000
Colorado	1,000	1,000	1,000	1,000	1,000
Connecticut	1,000	1,000	1,000	1,000	1,000
Delaware	1,000	1,000	1,000	1,000	1,000
District of Columbia	1,000	1,000	1,000	1,000	1,000
Florida	1,000	1,000	1,000	1,000	1,000
Georgia	1,000	1,000	1,000	1,000	1,000
Hawaii	1,000	1,000	1,000	1,000	1,000
Idaho	1,000	1,000	1,000	1,000	1,000
Illinois	1,000	1,000	1,000	1,000	1,000
Indiana	1,000	1,000	1,000	1,000	1,000
Iowa	1,000	1,000	1,000	1,000	1,000
Kansas	1,000	1,000	1,000	1,000	1,000
Kentucky	1,000	1,000	1,000	1,000	1,000
Louisiana	1,000	1,000	1,000	1,000	1,000
Maine	1,000	1,000	1,000	1,000	1,000
Maryland	1,000	1,000	1,000	1,000	1,000
Massachusetts	1,000	1,000	1,000	1,000	1,000
Michigan	1,000	1,000	1,000	1,000	1,000
Minnesota	1,000	1,000	1,000	1,000	1,000
Mississippi	1,000	1,000	1,000	1,000	1,000
Missouri	1,000	1,000	1,000	1,000	1,000
Montana	1,000	1,000	1,000	1,000	1,000
Nebraska	1,000	1,000	1,000	1,000	1,000
Nevada	1,000	1,000	1,000	1,000	1,000
New Hampshire	1,000	1,000	1,000	1,000	1,000
New Jersey	1,000	1,000	1,000	1,000	1,000
New Mexico	1,000	1,000	1,000	1,000	1,000
New York	1,000	1,000	1,000	1,000	1,000
North Carolina	1,000	1,000	1,000	1,000	1,000
North Dakota	1,000	1,000	1,000	1,000	1,000
Ohio	1,000	1,000	1,000	1,000	1,000
Oklahoma	1,000	1,000	1,000	1,000	1,000
Oregon	1,000	1,000	1,000	1,000	1,000
Pennsylvania	1,000	1,000	1,000	1,000	1,000
Rhode Island	1,000	1,000	1,000	1,000	1,000
South Carolina	1,000	1,000	1,000	1,000	1,000
South Dakota	1,000	1,000	1,000	1,000	1,000
Tennessee	1,000	1,000	1,000	1,000	1,000
Texas	1,000	1,000	1,000	1,000	1,000
Utah	1,000	1,000	1,000	1,000	1,000
Vermont	1,000	1,000	1,000	1,000	1,000
Virginia	1,000	1,000	1,000	1,000	1,000
Washington	1,000	1,000	1,000	1,000	1,000
West Virginia	1,000	1,000	1,000	1,000	1,000
Wisconsin	1,000	1,000	1,000	1,000	1,000
Wyoming	1,000	1,000	1,000	1,000	1,000





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