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ANNUAL REPORT



on

Vital Statistics and Sanitary Conditions

of the

NEW FOREST RURAL DISTRICT

FOR THE YEAR

1960

Submitted to the Rural District Council

by

R.J.K. Tallack, M.B., Ch.B., D.P.H.,

Medical Officer of Health

to the

NEW FOREST RURAL DISTRICT COUNCIL



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RURAL DISTRICT COUNCIL of NEW FOREST

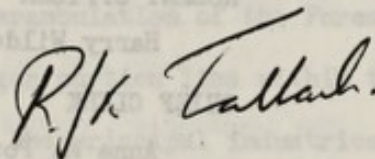
MEDICAL OFFICER'S REPORT FOR 1960

To the Chairman and Members of the New Forest Rural District Council:

Mr. Chairman, Ladies and Gentlemen,

I submit for your information and consideration my Annual Report on the Health, Social and Sanitary conditions of your District during the year 1960.

The Report of the Chief Public Health Inspector on the work of the Health Department with which he is specially concerned, is embodied in the Report as a whole.



MEDICAL OFFICER OF HEALTH

MEDICAL OFFICER'S REPORT FOR 1960

STAFF

(as at 31st December)

MEDICAL OFFICER OF HEALTH

George Habgood, M.A., M.B., B.Ch., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR

Oswald E. Brown, M.R.S.H., M.A.P.H.I.

DEPUTY CHIEF PUBLIC HEALTH INSPECTOR

(Vacant)

PUBLIC HEALTH INSPECTORS.

Edwin H.J. Clarke, A.M.I.P.H.E., M.R.S.H., M.A.P.H.I.

George Topham, M.A.P.H.I.

Richard Galton, A.R.S.H., M.A.P.H.I.

Gordon W.V. Taylor, M.A.P.H.I.

RODENT OFFICER

Harry Wilder Plowman

CHIEF CLERK

Anne M. Poucher

GENERAL OFFICE STAFF

Marian White

Doreen E. August.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	94,957
Estimated mid-year resident population	55,080
Estimated number of inhabited houses	17,268
Rateable value, 1st April 1961	£1,403,059
Sum represented by a penny rate (for the financial year ended 31st March 1961).....	£5,779. 7s. 9d.

General Characteristics of the District.

The District covers an area of 94,947 acres, approximately 148 square miles, comprising 17 parishes and has a progressively rising population, which has now reached 55,080.

It is bounded on the East by the River Test and the Southampton Water, on the South by the Solent and the Lymington Borough, on the West by the Ringwood and Fordingbridge Rural District Council and on the North by the Romsey and Stockbridge Rural District Council. The unique and predominating feature of the District is, of course, the ancient Crown Forest, a region of exceptional natural beauty and a home of ancient rights and privileges. The area within the perambulation of the Forest is some 92,000 acres, of which the larger portion lies within the boundaries of the Rural District. The principal industries in the Forest are, naturally, forestry and agriculture, whilst the areas outside the perambulation of the Forest, the waterside parts of the parishes of Eling, Dibden, Marchwood and Fawley are mainly industrial, including timber works, small ship-building yards, tar distilleries, the wellknown Esso Oil Refinery, the Central Electricity Authority Power Station at Marchwood and other light industries.

In these parishes industrial development continues to increase and they contain the larger centres of population, equivalent to approximately 63% of the total population of the District.

The geological formation of the District is mainly made up of plateau gravel and sandy marly clays.

Rainfall, Sun hours and Temperatures
(as recorded at Southampton)

Month	Rain	Sun	Temperatures	
			Maximum	Minimum
January *	3.95	48.31	54	22
February	3.15	91.56	59.5	24
March	1.875	91.97	58.	30.5
April	1.14	182.31	66	33
May	1.365	205.98	75	40
June	2.815	268.81	81	45
July	4.49	175.42	73	48.5
August	6.125	190.22	76	43.5
September	5.11	136.05	73	44
October	8.205	90.81	66.5	30
November	5.36	90.97	61	29
December	3.755	69.51	55	28

* Also snow.

There were 154 fine days and 212 wet ones in 1960 compared with 215 and 150 in 1959.

May had the most fine ones (20) and November the most wet (26).

June 4th was the hottest day of the year, when the temperature reached 81 degrees - (in 1959 the best was 87 degrees)

The coldest day was January 14th, when the maximum temperature was only 33 degrees (one degree above freezing point).

January 13th had the chilliest night, when the air temperature was 22 degrees and the grass minimum 21. On February 16th the figures were 24 and 41 degrees respectively.

Sunniest day was June 20th, with 15½ hours of brightness.

EXTRACTS OF VITAL STATISTICS

<u>Live Births</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	526	513	1,039
Illegitimate	24	28	52
	<u>550</u>	<u>541</u>	<u>1,091</u>

<u>Birth Rate</u>	<u>1959</u>	<u>1960</u>
Per 1,000 estimated resident population	20.0	19.0
Birth Rate for England & Wales.....	16.5	17.1
After application of Comparability Factor (1.03)....	20.6	19.0

<u>Still Births</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	11	3	14
Illegitimate	1	1	2
	<u>12</u>	<u>4</u>	<u>16</u>

<u>Still Birth Rate - 1,000 live and still births</u>	<u>1959</u>	<u>1960</u>
England and Wales	17.5	14.5
England and Wales	20.7	19.7
Total Live & Still Births	1,086	1,091

<u>Infant Mortality</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Deaths of Infants under 1 year of age :			
Legitimate	13	9	22
Illegitimate	1	1	2
	<u>14</u>	<u>10</u>	<u>24</u>

<u>Death Rate of Infants under 1 year of age</u>	<u>1959</u>	<u>1960</u>
All Infants per 1,000 live births	20.6	21.0
Rate for England & Wales....	22.0	21.7
Legitimate Infants per 1,000 legitimate births	20.6	20.2
Illegitimate Infants per 1,000 illegitimate births	19.06	38.5

<u>Neo-Natal (first 4 weeks)</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	11	6	17
Illegitimate	1	1	2
	<u>12</u>	<u>7</u>	<u>19</u>

<u>Rate per 1,000 related live births</u>	<u>1959</u>	<u>1960</u>
Rate per 1,000 related live births	15.9	16.5
Rate for England & Wales.....	15.8	15.6

Deaths of Infants under
1 week of age

	Male	Female	Total
Legitimate	10	6	16
Illegitimate	1	1	2
	<u>11</u>	<u>7</u>	<u>18</u>

Maternal Mortality

	1959	1960
Death Rate per 1,000 total live & still births	Nil	1.09
Death rate for England and Wales.....	0.43	0.38
Illegitimate live births % of total live births	4.7	4.7
Maternal deaths (including abortion	Nil	2.0

Deaths

Male = 288 Female = 289 Total = 577

	1959	1960
Death rate per 1,000 estimated population	9.9	10.4
Death rate for England & Wales.....	11.6	11.5
After application of Comparability Factor(1.08).....	10.1	11.2

The Death Rate Comparability figure is adjusted specifically to take account of any residential institutions in the area.

Increase of Population

The estimated population given by the Registrar General shows an increase of 1,950. The births registered exceed the deaths registered by 514, representing therefore, an immigrant increase of 1,436. The corresponding increase for 1959 was 879.

Chief causes of death, in order of frequency :

Amongst the chief causes of death, in order of frequency, were:-

	1959	1960
(a) Disease of the heart and circulatory system	208-39%	238-41%
(b) Cancer of all sites	95-18%	98-16%
(c) Vascular Lesions of Nervous System	68-12%	81-14%
(d) Respiratory disease (excluding Tuberculosis)	34-6%	34-5%
(e) Tuberculosis (all forms)	2-0.38%	4-0.6%

SUMMARY OF COMPARATIVE VITAL STATISTICS

Year	Population	New Forest R.D.C.			England & Wales		
		I.M.R.	B.R.	D.R.	I.M.R.	B.R.	D.R.
1951	44,900	25.86	18.08	10.91	29.6	15.5	12.5
1952	45,090	29.83	17.09	9.39	27.6	15.3	11.3
1953	45,480	40.20	17.47	10.92	26.8	15.5	11.4
1954	45,960	13.4	17.74	9.55	25.5	15.2	11.3
1955	46,840	18.2	16.4	10.1	24.9	15.0	11.7
1956	48,130	15.0	17.6	10.3	23.8	15.7	11.7
1957	49,780	26.8	17.1	9.6	23.0	16.1	11.5
1958	51,710	16.0	20.4	10.1	22.5	16.4	11.7
1959	53,130	20.6	20.0	9.9	22.0	16.5	11.6
1960	55,080	21.0	19.0	11.2	21.7	17.1	11.5

IMR = Infant Mortality Rate expressed as per 1,000 live births
 BR = Birth Rate expressed as per 1,000 resident population
 DR = Death Rate expressed as per 1,000 resident population

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Public Health Officers of the Authority

- 1.....Medical Officer of Health (part time)
- 1.....Chief Public Health Inspector
- 1.....Deputy Chief Public Health Inspector
- 4.....Additional Public Health Inspectors

Two Inspectors are engaged on specialist duties for the purpose of the Housing Acts and the Food and Drugs Act.

A moiety of the salaries of all Officers is received under the Public Health Acts and the Public Health Inspectors devote the whole of their time to their duties.

Laboratory Facilities

For chemical examinations at the Southampton Corporation Laboratory, and bacteriological examinations at the Public Health Laboratories, Winchester and Southampton. A fee is charged by the Southampton Corporation. The Public Health Laboratories Service is directed by the Medical Research Council for the Ministry of Health and no fees charged.

Ambulance Facilities

The ambulances operating in the area are controlled from the County Council's main station of Hillcroft, New Street, Lymington (Tel : Lymington 2331) and all requests for transport should be made to the Officer in charge of that Station.

The work in the area is shared between the main station at Lymington and the sub-stations at Totton and Fawley, with assistance from the adjoining sub-stations at Ringwood, Christchurch, New Milton and Romsey. All types of cases are conveyed, with the exception of smallpox cases, for which special arrangements are made.

THE FOLLOWING SERVICES ARE PROVIDED BY THE COUNTY COUNCIL :

Home Nursing and Domiciliary Midwifery :

Details of the General Nurses and Midwives serving in the District who are able to give attention to cases at home on medical certificate are:

- BOLDRE DISTRICTMiss M.H. Mitchell, Farthings, Boldre.Tel: Lymington 3564.
- BROCKENHURST DISTRICT.....Miss F.D. Shiers, Nurse's Cottage, Meerut Rd. Brockenhurst Tel: 2380
- DIBDEN, MARCHWOOD & HYPHE.....Miss H.I. Ames, 358 Fairway Rd., Hythe. Tel: Hythe 2230.
Mrs C.P. Sysum, 19 Dibden Lodge Close, Hythe. Tel: 2215.
- EAST BOLDRE & BEAULIEUMiss K. Mann, Memorial Cottage, Beaulieu. Tel: Beaulieu 212
- FAWLEY DISTRICTMrs D. Clarebout, 29 Heather Road, Fawley. Tel: Blackfield 3312.
- LYNDHURST DISTRICTMrs L. Christopher, 19 Auckland Rd, Brockenhurst. Tel. Brockenhurst 2053.
- NETLEY MARSH DISTRICT.....Miss H.M. Davies, 1 Regis Cottage, Bartley, Tel: Cadnam 3220.
- BRAMSHAW DISTRICT.....Miss J. Stubbs, Dell Cottage, Vicarage Lane, Cadnam. Tel:3247
- SWAY DISTRICTMrs M.F. Lipscombe, The Bungalow, Station Road, Sway. Tel: Sway 314
- TOTTON DISTRICT.....District Nurse/Midwives
Miss E.A. Strange, 28 Shelley Rd., Totton. Tel: Totton 2191.
Mrs Billingsley, 23 Dene Road, Ashurst, Southampton. Tel: Ashurst 277.
Mrs D. Mackrell, 166 Salisbury Road, Totton. Tel: Totton 3656.
Mrs M.M. Coombes, 36 Shakespeare Drive, Totton. Tel: Totton 3000

General Nurse

Home Help Service

The object of the Home Help Service is to relieve anxiety by providing someone to help with the housework and care of children (if any) while the housewife is prevented from working by sickness or accident, or during confinement, or for any other persons aged and sick, requiring help. There is an office serving the New Forest area at the Health Centre, Rumbridge Street, Totton, (Tel: Totton 3250). This office is open Monday - Friday 9 - 10 a.m.

Applications, which must be supported by a Doctor's Certificate, may also be sent to Miss M.P. Stevens, Divisional Organiser, Druitt Buildings, High Street, Christchurch, (Tel: Christchurch 900).

Clinics and Treatment Centres

(a) Child Welfare Centres

BLACKFIELD, Baptist Church Hall	Every Monday, (Doctor in attendance 1st & 3rd Mondays only.)
BROCKENHURST, New Forest Hall	1st & 3rd Tuesdays. (Doctor attends 1st Tuesday)
CALSHOT, R.A.F. Station	1st & 3rd Tuesdays. (Health Visitor attends, no doctor)
COPYTHORNE, Foresters Hall, Bartley	1st & 3rd Thursdays. (Doctor in attendance 3rd Thurs. only)
DIBDEN PURLIEU, Women's Institute Hall...	2nd Tuesdays.
EAST BOLDRE, The Parish Hall	1st Thursday
EXBURY, Women's Institute Hall	2nd Thursday. 3 - 4 p.m. (Health Visitor attends -no doctor)
HYPHE, St. John's Hall	2nd & 4th Wednesdays. (Doctor attends 4th Wednesday only).
LYNDHURST, Social Centre, Sandy Lane	2nd & 4th Wednesdays. (Doctor attends 2nd Wednesdays only)
MARCHWOOD, The Church Hall	1st & 3rd Tuesdays. (Doctor attends 1st Tuesdays only)
PILLEY, Memorial Hall	2nd Thursdays.
SWAY, Women's Institute Hall	2nd & 4th Tuesdays. (Doctor attends 2nd Tuesdays).
TESTWOOD, Thistle Hall, St. Winifred's Church, Salisbury Road.....	Every Monday. (Doctor attends on 2nd and 4th Mondays only)
TOTTEN, Health Centre, Rumbridge St.....	Every Friday.

(All Centres commence at 2.0 p.m. except Exbury.)

(b) Day NurseriesNIL

School Clinics

(i) Dental Clinics (for School and pre-School children and expectant and nursing mothers).

Held at various schools and centres as required.

Requests for special appointments should be sent to the Principal School Medical Officer.

(ii) Minor Ailments (for School and pre-School children)

TOTTON Health Clinic, Rumbridge St.
1st and 3rd Tuesdays at 9.30 a.m.
(except during school summer holidays)

LYMINGTON Health Clinic, New Street.
Every Tuesday at 9.30 a.m.
(except during school summer holidays)

Children attend these Clinics without appointments.

(iii) Ophthalmic (for School and pre-School children)

Held at Christchurch, Totton and Lymington.

Attendance only by appointment from the Principal School Medical Officer.

(iv) Orthopaedic Clinics.

SOUTHAMPTON Royal South Hants Hospital,
Fanshaw Street.

Surgeon's and Remedial Clinics
(by appointment)

Cases from the New Forest Rural District are also dealt with at Lymington Surgeon's and Remedial Clinics, held at Lymington and District Hospital (by appointment).

(v) Speech Clinics (by appointment)

CHRISTCHURCH Health Clinic, Millhams Street.
Thursday a.m. & p.m. and
Fridays p.m.

LYMINGTON Health Clinic, New Street.
Monday a.m. and p.m.

RINGWOOD Dental Premises, 18-20 Market
Place. Fridays a.m.

SOUTHAMPTON 18 Archers Road.
Wednesdays a.m. and p.m.

TOTTON Health Clinic, Rumbridge Street.
Tuesdays a.m. and p.m.

Tuberculosis Clinics

Totton Chest Clinic, Bullar Street, Southampton

Monday 2-30 - 4-30 p.m.

(5.0 p.m. 1st Monday, by appointment)	New cases
Thursday 9.0 a.m.	Old cases
Thursday 2.0 p.m.	A.P. Refills
Tuesday 4.30 - 6.30 p.m.	X rays.

Christchurch Health Centre, Millhams Street.

Monday, 10.0 a.m. and 2.0 p.m.	Old and new cases
Wednesday, 2.0 p.m.	New cases
Wednesday, 9.30 a.m. (men)	(A.P. Refills at
Wednesday, 11.0 a.m. (women)	(Douglas House
	(Sanatorium.

Maternity Accommodation

Maternity accommodation is the responsibility of the Regional Hospital Board, and beds are provided at:

Hythe Cottage Hospital, Hythe.
Fenwick Cottage Hospital, Lyndhurst.
Hillrise Maternity Home, Lyndhurst.

Applications for the admission of normal cases for social reasons are made to the County Medical Officer. Arrangements for the admission of abnormal cases and those requiring institutional confinement on account of medical conditions are made by the General Practitioner Obstetrician direct with the Institution concerned.

Hospitals

The Hospitals in the District are administered by the Wessex Regional Hospital Board, through Hospital Management Committees. The hospitals are:

Hythe Cottage Hospital, Hythe.
Fenwick Cottage Hospital, Lyndhurst.
Ashurst Hospital, Ashurst.

Infectious disease cases are admitted to the Southampton Chest Hospital.

Private Nursing Homes registered under the Public Health Act, 1936

The following Private Nursing Homes are registered under the above Act :

Peterscroft House, Peterscroft Drive, Ashurst.
Birch Hill, Sway.

SANITARY CIRCUMSTANCES OF THE AREA

Water

Further extensions of the Statutory Water Undertakers water mains have been made during the year in Fletchwood Lane, Totton.

The district is supplied with water by two Statutory Undertakings, the Southampton Corporation and the West Hants Water Company, the District Council (water being purchased in bulk from the Statutory Undertakers) and two private estates. The water supplied by the Southampton Corporation is obtained from deep wells in the chalk at Timsbury, Twyford and Otterbourne and the River Itchen.

Softening of the water is carried out by means of the "lime process" and sterilisation by "chloramination".

The water supplied by the West Hampshire Water Company comes from two sources, the first being the River Avon at Knapp Mill where treatment consists of rapid and slow sand filtration, followed by super chlorination and dechlorination. The other source is a well in the chalk at Hale, where the only treatment necessary is chloramination.

In parts of the District outside the limits of supply of the Statutory Undertakers, i.e. Emery Down, the District Council have provided mains, water being purchased in bulk from the Statutory Undertakers. The supply to the parishes of Bramshaw and Minstead was taken over by the West Hampshire Water Company on the 1st January, 1960.

In the village of Exbury, a piped supply in the houses is provided by the Exbury Estate. The source of supply is from a deep well, some 300 ft. in depth, from which water is pumped to a water tower, then by gravitation to the houses and school.

The Beaulieu village also has a piped supply in the houses and the school, provided by Beaulieu Estate. In addition, a supply is available from the mains of the West Hampshire Water Company. The supply is gravitational from an ancient spring "The Monks Well", situated at Hilltop.

The water supplied by the Southampton Corporation is subject to regular bacteriological examination, and during the year 312 samples were taken, all but 5 complying with the standard laid down by the Ministry of Health.

The River Avon water supplied by the West Hampshire Water Company is analysed bacteriologically daily, and chemically twice weekly. The Hale source is analysed bacteriologically and chemically twice weekly.

In every case the bacteriological examination has shown the water to be of Class I Standard, and the chemical analysis has shown the water to be quite normal and fit for domestic water supply.

The private estate supplies are sampled by the Department.

No waters in the district are known to have any plumbo solvent action, and there were no known cases of plumbism. All supplies have been constant throughout the year.

The table overleaf shows the particulars of the number of dwelling houses in the various Parishes provided with main water supply in the houses :

Boxbury	292	102	119
East Boldre	6,792	1,032	1,992
Lyndhurst	2,748	872	802
Marblehead	1,522	522	502
Marblehead	1,922	382	352
Netley Marsh	2,422	622	522
Netley Marsh	250	22	32
Netley Marsh	2,200	77	77
TOTALS	22,080	17,208	12,820

Estimated number of population provided with main supply 20,839
 Estimated number of properties provided with main supply 91,722

PARTICULARS OF THE NUMBER OF DWELLING HOUSES AND
THE NUMBER SUPPLIED FROM PUBLIC WATER MAINS

Parish	Est'd Pop'n	No. of dwelling houses.	No. of dwelling houses connected to Mains	Source of Supply
Beaulieu	1,290	384	347	249 to West Hants Water Co. 98 to Estate Supply
Boldre	2,282	696	540	West Hants Water Co.
Bramshaw	655	233	165	West Hants Water Co.
Brookenhurst	2,563	843	810	Southampton Corporation Mains
Copythorne	2,671	873	739	7 West Hants Water Co. 716 Southampton Corp'n. 16 New Forest R.D.C. Mains
Denny Lodge	589	156	45	31 to Southampton Corp'n. 14 to West Hants Water Co.
Dibden	8,170	2,761	2,355	Southampton Corp'n Mains.
East Boldre	1,098	345	241	West Hants Water Co.
Eling	17,818	5,821	5,819	Southampton Corpor'n Mains
Exbury	292	102	119	34 Southampton Corp'n. 38 New Forest R.D.C. Mains 47 to Estate Supply
Fawley	6,784	2,033	1,905	Southampton Corp'n Mains.
Lyndhurst	2,748	875	867	808 Southampton Corp'n Mains 59 New Forest R.D.C. Mains.
Minstead	1,364	252	207	204 to West Hants Water Co. 3 to Southampton Corp'n.
Marchwood	1,953	362	360	Southampton Corp'n Mains.
Netley Marsh	2,453	681	521	Southampton Corp'n. Mains.
Rhinefield	150	54	39	West Hants Water Co. Mains
Sway	2,200	797	771	West Hants Water Co. Mains.
TOTALS	55,080	17,268	15,850	

Estimated number of population provided with main supply50,839
 Estimated % number of properties provided with main supply91.75%

EXTENSION OF MAINS AND OTHER WORKS INCIDENTAL
TO WATER SUPPLIES

Extension of Mains

(i) Southampton Corporation

During the year a total of 5,512 yards of mains from 3" to 6" were laid in the parishes of Brockenhurst, Dibden, Eling, Fawley, Marchwood and Netley Marsh.

(ii) West Hampshire Water Company

12,857 yards of 1½" to 18" mains were laid in the parishes of Brockenhurst, East Boldre, Boldre, Sway and Bramshaw.

(iii) New Forest Rural District Council

There were no extensions.

WATER ANALYSES

(i) Southampton Corporation

a. Bacteriological Examination.

Water supplied is subject to regular bacteriological examination, samples being sent to the Ministry of Health Bacteriologist, Winchester, and the Borough Analyst, Southampton. The following table shows the results of the examinations during the year 1960.

Origin of samples	Total No. of samples during year.	Number of samples showing the probable number of B. coli present in 100 ml.		
		None present	1 to 2 present	3 to 10 present.
Timsbury Wells	78	78	-	-
Twyford Wells	78	77	1	-
Otterbourne	78	78	-	-
River Itchen	78	74	2	2 *
TOTALS	312	307	3	2

* Faecal organisms present in one sample only.

b. Chemical Analyses

The following table shows the results of typical chemical analyses of water from the Corporation's four sources of supply.

Samples taken in September, 1960 - Results in Parts per Million

General Chemical Examination	Timsbury Wells	Twyford Wells	Otterbourne Wells	River Itchen
Reaction pH	7.2	7.9	7.6	8.1
Free Carbon Dioxide, as CO ₂	4.0	4.0	1.0	NIL
Ammoniacal Nitrogen, as N	0.028	0.058	0.046	0.097
Albuminoid Nitrogen, as N	0.003	0.008	0.008	0.030
Nitrous Nitrogen as N	Absent	<0.001	Absent	0.001
Nitric Nitrogen as N	5.0	3.0	4.0	2.5
Hardness, as CaCO ₃ (Wanklyn's)				
Temporary	162	130	133	87
Permanent	46	34	37	63
Permanganate figure, as O (4 hours, 80 degrees F)	0.06	0.09	0.04	0.31
Alkalinity, as CaCO ₃	187	143	149	126.5
Total Solids	295	246	249	224
Free Chlorine	0.23	0.27	0.27	0.3
<u>Mineral Analysis</u>				
Calcium, as Ca	78	60	64	59
Magnesium, as Mg	3.4	3.6	2.4	0.5
Sodium, as Na	10.0	7.0	8.0	7.0
Carbonate, as CO ₃	112	86	89	76
Chloride, as Cl	17	15.5	15	15
Sulphate, as SO ₄	14.4	7.1	8.1	15.5
Nitrate, as NO ₃	22.2	13.3	17.7	11.1
Iron	Absent	Absent	Absent	Absent
Lead	"	"	"	"
Zinc	<0.05	"	<0.05	"
Copper	Absent	"	Absent	"
Phosphate	"	"	"	"
Fluoride	0.2	0.1	0.1	0.1

(ii) Other supplies

29 samples from well and other supplies were taken by the Department, and submitted to the Public Health Laboratory, Southampton for bacteriological examination.

The following gives details of the results :

Number of samples taken	29
Number satisfactory	21
Number unsatisfactory	8

DRAINAGE AND SEWERAGE

Sewerage and Sewage Disposal.

(i) The number of premises connected to the Public Sewers in the respective Parishes in 1960 were:-

Brockenhurst	28
Dibden	277
East Boldre	8
Eling	124
Fawley	141
Lyndhurst	8

(ii) Extensions of sewers, - the number and location together with sizes and lengths:-

South Weirs, Brockenhurst	- 1477 yards
	- 6" concrete sewers.

(iii) Information and details, including improvements of new sewerage schemes and sewage disposal works completed, under construction or proposed are as follows:-

Brockenhurst Sewage Disposal Works

Work of modernisation of this disposal works is well in hand and should be completed before December, 1961. Part of the works should be in operation by March 1961.

Sway Sewerage Scheme

A contract has been let for the laying of $5\frac{3}{4}$ miles of 6", 9" and 12" sewers, together with a pumping station and sewage disposal works to serve the built-up portion of the parish.

Work is due to commence on this two-year contract on 1st March, 1961.

Tates Copse, Hythe. Sewage Disposal Works

A scheme for the enlargement of this works to serve 10,000 population was completed during 1960, and sludge digestion tanks were also constructed.

Eling Sewerage (Slowhill Copse Scheme)

Work is proceeding on the design of a new sewage disposal

works at Slowhill Copse, Marchwood. Negotiations are still proceeding in respect of the acquisition of the site.

Chapel Lane Pumping Station

A proposal to replace the existing pumps at Chapel Lane by larger units and the construction of a bigger rising main is likely to go forward in 1961-62.

Poternsford Bridge Sewerage Scheme

Tenders are to be invited shortly for this scheme, and work should be in hand during 1961.

Netley Marsh and Copythorne Sewerage Scheme

Ministry approval to this scheme has been received, but work cannot proceed until the new Slowhill Copse Works are also in hand.

Boldre Sewerage Scheme

A scheme has been prepared for the Pilley and Boldre Lane areas of Boldre and will be submitted to the Minister shortly.

Eling Sewerage - Stormwater Relief Works

Duplicate axial flow pumps have been installed at No.1 Pumping Station to relieve sewer surcharge in the Rushington and Rumbidge areas of Totton.

Eling Sewerage Disposal Works Sludge Digestion Tanks

A tender has been recommended for approval for two new sludge digestion tanks at the Ashurst Bridge S.D. Works. Work should commence shortly.

Fawley Sewerage Scheme

A report on the Fawley System was submitted and approved during the year, but work on this scheme is not scheduled for the immediate future. The scheme would involve laying relief sewers, a new pumping station, and extensions to the disposal works.

(iv) The number of examinations of effluents, and the results obtained from the respective sewage disposal works are as follows:-

During 1960 the Hampshire River Board took 22 samples of effluents at :

Eling	Marchwood	Boldre
Brockenhurst	Bank	Hatchett
Lyndhurst	Canterton Lane, Brook	Netley Marsh
Blackfield	Church Lane, Sway	East End
Bartley	Norley Wood.	

17 samples were satisfactory, 3 unsatisfactory and

2 most unsatisfactory.

PUBLIC CLEANSING.

The weekly service introduced last year in the parishes of Lyndhurst and Brockenhurst continues to operate, and also in the parishes of Eling, Dibden and Fawley. In the remaining parishes there has been no change in the fortnightly collection of domestic refuse and weekly collection of trade and other refuse.

Whilst the weekly and fortnightly service has continued to be maintained without serious breakdown, the continued increase in the population, added to the labour problem, still creates some difficulty. There have been comparatively few complaints of non-collection, and this still speaks well for the administration and the manner in which the men employed carry out their difficult and trying tasks, particularly in the face of the increasing road and traffic congestion.

The nature of refuse as compared with pre-war, when ash and organic matter predominated, has changed materially, and now consists in the main of bottles, tins, jars, paper and cardboard. This factor reflects in the costs of disposal, in that, with the nature of the present day refuse, more covering material is necessary for sealing purposes for producing satisfactory anaerobic byolysis.

Refuse Disposal

Unauthorized dumping on all disposal sites again took place without being able to trace the offenders.

All sites were test-baited and inspected regularly for rats and insect pest infestation and all were found generally free from infestation.

Staff

At the end of the year the complement of men employed on the collection and disposal of refuse and salvage was as follows:

15	Ford	1	....Foreman	1/12
16	Ford Mal.	1	....Sub-Foreman (Also Digloader Driver,	6/12
		1	....Angledozer Driver,	
		1	....Fordson Tractor Driver	
17	Sheel & D.	11	....Drivers,	6/12
		27	....Ashbinmen	
18	Dennis	2	....Ashbinmen/Relief Drivers.	6/12
		1	....Salvage Sorter.	
19	Dennis	12	....	6/12

Protective clothing is still being issued, which includes - 2 pair overalls, 1 pair rubber knee boots, protective gloves and beret annually, and a macintosh rainproof in alternate years.

All refuse vehicles are provided with washing facilities for crews and clean hand towels are supplied daily under contract with the Initial Towel Supply Company.

Salvage Incentive Bonus Scheme

The gross income from the sale of salvage was £1,059. 7s. 6d. as against £900. 14. 9d in 1959. The amount for distribution calculated on the tonnage basis of the Council's Scheme was £705. 0. 0d. equivalent to £20. 0. 6d per man with a full year's service, as compared with £17. 17. 6d last year.

Transport

During 1960 the following vehicles were purchased:-

Two Dennis 10/12 cubic yard side-loaders

One Shelvoke and Drewry 16/18 cubic yard fore and aft tipper with diesel engine.

One Fordson Major Tractor Diesel to work on the tips

One Ford van (10/15 cwt) for collection of litter, salvage and refuse from isolated premises and general repairs to the fleet.

The refuse vehicles replace two which were sold as being beyond economical repair. The third refuse vehicle was converted to carry the crawler tractor to the refuse tips.

The Ford van replaces the Austin 10 cwt. after 9 years' service.

The fleet is now made up of six refuse collection vehicles with petrol engines, and nine with diesel engines. The Council's policy of replacing obsolete petrol vehicles with diesel power units is without doubt the right one.

The table overleaf shows the fleet as at the end of the year:

A.C. = Angledozer Carrier
 D.C. = Digloader Carrier
 R.V. = Refuse Collection Vehicle.

A.D. = Angledozer
 D.L. = Digloader.

Number	Make	Capacity	Type	Power Unit	Age years
1	Dennis	10 cu.yd. (converted)	A.C.	Petrol	15
2	Dennis	10 cu.yd. (converted)	D.C.	Petrol	16
3	Dennis	10 cu.yd.	R.V.	Petrol	13
4	Dennis	10 cu.yd.	R.V.	Petrol	12
5	Dennis	10 cu.yd.	R.V.	Petrol	11
6	Shelvoke & Drewry	16/18 cu.yd. F.&A.Tipper	R.V.	Petrol	7
7	Shelvoke & Drewry	16/18 cu.yd. F.&A.Tipper	R.V.	Diesel	4
8	Dennis	12 cu.yd.	R.V.	Diesel	3
9	Dennis	12 cu.yd.	R.V.	Diesel	3
10	Dennis	12 cu.yd.	R.V.	Diesel	20/12
11	Dennis	12 cu.yd.	R.V.	Diesel	20/12
12	Shelvoke & Drewry	16/18 cu.yd. F.&A.Tipper	R.V.	Diesel	18/12
13	Bristol	-	A.D.	Diesel	4
14	Bristol	-	D.L.	Diesel	2
15	Ford	10/15 cwt.	Van.	Petrol	1/12
16	Fordson Mai. Tract.	-	-	Diesel	2/12
17	Shelvoke & Drewry	16/18	R.V.	Diesel	8/12
18	Dennis	12 cu.yd.	R.V.	Diesel	6/12
19	Dennis	12 cu.yd.	R.V.	Diesel	6/12

Operational Statistics

1. Area	.....94,959 acres
2. Population as at 30th June, 1960	.....55,080
3. Trade Refuse Agreements	.....91
4. Total Mileage	.....117,282 miles
5. Petrol Consumption	..... 6,904 gallons
6. Diesel Consumption (refuse vehicles)....	6,051 gallons
7. Diesel Consumption (tractors)	..... 1,299 gallons.

Salvage and Trade Refuse.

There were 91 Agreements in force at the end of the year.

The weight of materials salvaged and disposed of amounted to 283½ tons as compared with 221 tons in the previous year.

Litter

The litter baskets provided by the Council are emptied by the Council as frequently as possible during the summer season, and at regular intervals during the remainder of the year.

The Forestry Commission and the Highway Authority undertake the emptying of their own bins.

10	Dennis	15 00/15	R.V.	Diesel	20/12
11	Dennis	15 00/15	R.V.	Diesel	20/12
12	Shelvoke & Dryden	16/18 00/18	R.V.	Diesel	18/12
13	Bristol	-	A.D.	Diesel	-
14	Bristol	-	D.L.	Diesel	-
15	Ford	10/15 00/15	Van.	Petrol	1/12
16	Fordson Mal. Trans.	-	-	Diesel	2/12
17	Shelvoke & Dryden	16/18	R.V.	Diesel	8/12
18	Dennis	15 00/15	R.V.	Diesel	6/12
19	Dennis	15 00/15	R.V.	Diesel	6/12

The Contract prices varied a little from those in 1959, and are as follows:

CESSPOOL CLEANSING

As previously, the Council's Scheme for the cleansing of certain cesspools free of direct cost, was supervised and administered by the department.

The Cleansing Company (Southern Counties) Limited of Botley were again responsible for carrying out the work under contract, and did so in their usual courteous and efficient manner.

Considering the difficulties experienced in this type of work, a fairly small number of complaints were received. In cases where occupiers of premises were not at home when cesspools were cleansed, especially where defective cesspools admitted sub-soil water, there was some doubt on the part of the householders as to whether the work had been done. Vehicle drivers, however, still carry printed notices stating the date and time of clearance, and number of loads removed, and stating that the Public Health Department should be notified if the occupier is not satisfied.

The Contractors make every effort to carry out all services as per schedule, but if through unavoidable reasons the schedule fails to be maintained, it is most difficult to recover, as the operation of several vehicles in the one area will undoubtedly overload the disposal area.

Cesspool cleansing in the Fawley area has been considerably reduced. This allowed the disposal area at Badminton Gravel Pit to be used sparingly. Prior to the construction of the new sewers this pit was often overloaded.

Applications for cesspools to be cleansed at premises constructed during the year and at existing premises without previous service totalled 162 with 47 being new constructions and 115 where drainage of premises had been converted to the water carriage system;- the service was discontinued at 52 properties in Dibden and Dibden Parlieu and 4 properties in the Fawley area.

At the end of the year 2,994 premises were included in the cesspool emptying scheme at a cost of £6,591 (1st January to 31st December 1960) compared with £6,116 in 1959.

The Contract prices varied a little from those in 1959, and are as follows :

£l. 6. Od. per load for cesspools with a capacity of 1,000 gallons or less, and

£l. each load for cesspools with a capacity in excess of 1,000 gallons.

The cleansing of cesspools at Council Housing Estates was again maintained by the Cleansing Service (Southern Counties) Limited, but due to increased wages etc., the rate was raised to £l. plus 5% for every 1,000 gallons removed, and 10/- plus 5% for incomplete loads. The cost of this special service (1st January to 31st December 1960), was £790. 10. Od. for 790½ loads removed, compared with £789 for 838 loads removed in 1959.

The sewer in the South Weirs area of Brockenhurst was completed in September 1960.

The expiry date of the current contract with the Cleansing Company was the end of March 1961.

CESSPOOL CLEANSING

Parish	Number of Cesspools Receiving Service
Beaulieu	109
Boldre	331
Bramshaw	80
Brockenhurst	65
Copythorne	451
Denny Lodge	3
Dibden	166
East Boldre	98
Eling	50
Exbury	29
Fawley	184
Lyndhurst	18
Marchwood	165
Minstead	131
Netley Marsh	307
Rhinefield	32
Sway	422
Total	2,642

MOVEABLE DWELLINGS

The number of sites on the register remain the same as 1959, viz. 12 sites in the parishes of Dibden, Fawley, Netley Marsh, Lyndhurst and Marchwood.

All sites are provided with main water, drainage and sanitary accommodation.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT 1960

The Act brings into force, as from 29th August, 1960, a new licensing system for caravans.

It has two objects:

- (1) to control the location of caravan sites so as to prevent them from starting up in the wrong places, whilst allowing them to develop in suitable places;
- (2) to improve the conditions on sites by requiring good standards of layout, equipment and maintenance.

It is thought the Committee may wish to know the position of existing sites under the new Act, particularly in regard to sites having established 'use rights' which is briefly:

If sites have planning permission (other than a permission due to expire within six months) they will be entitled to licences, i.e. site licences dealt with by the Sub Committee appointed by the Public Health Committee. If not, their applications are referred to the Planning Authority who have six months in which to review the position.

During that time the Planning Authority may:

- (a) grant planning permission on application, in which event the site will be entitled to a licence, i.e. a site licence issued by the Council, or
- (b) require the use of the site to be discontinued - by an order under Section 26 of the Town and Country Planning Act, 1947, if the site has established 'use rights', or, if not, by serving an enforcement notice under Section 23 of that Act. An order under Section 26 requires confirmation of the Minister of Housing and Local Government.

Exemptions from licensing are provided for in the Act; and there is no need for a site licence:

- (a) if a caravan is sited in the curtilage of a dwelling house, and its use is incidental to the enjoyment of the house;
- (b) if one caravan stops for one or two nights, and the site is so used for not more than 28 days in a year.

(c) if the site forms part of a holding of five acres or more, and there are not more than three caravans on the land at any time, and the land is not used as a caravan site for more than 28 days in any year.

(d) if the site is occupied and supervised by a recreational organisation which holds a certificate of exemption from the Minister.

(e) if the site is approved and certified by an exempted organisation and is used by not more than five caravans at a time.

(f) if the caravans are being used by seasonal agricultural or forestry workers employed on land in the same ownership as the site;

(g) if the caravans are being used by persons employed in building or engineering operations being carried out with planning permission on the same land or adjoining land;

(h) if the site is being used by members of an organisation of travelling showmen, recognised by the Minister, while travelling for the purposes of their business or in winter quarters.

The Act enables local authorities to impose licence conditions. Except when planning permission for a site is for a limited period, licences will be valid for an unlimited period (unless revoked for repeated breach of conditions).

In framing licence conditions, local authorities must have regard to Model Standards specified by the Minister with regard to, inter alia, water supply, drainage, sanitation and washing facilities.

An applicant who considers any of the conditions unduly burdensome may, within 28 days, appeal to a magistrate's court. The Court, in deciding whether to vary the conditions, must also have regard to the Model Standards.

The licence conditions may be altered at any time by the Council, either on their own initiative, or at the request of the licence holder. Again, there is a right of appeal to the magistrate's court against their decision.

The Act imposes penalties for failure to comply with licence conditions, and enables the Council, if the licence holder fails to carry out works required by the licence, to do so themselves and charge the cost to him.

SWIMMING POOLS

The swimming pool at "Foxlease", Lyndhurst, is a static outdoor pool, constructed of concrete with a capacity of 45,000 gallons, being fresh water drawn from the Southampton Corporation mains. The pool is situated in attractive surroundings and is well kept.

Chlorination was again carried out as required, at an average of twice weekly, depending upon the number of bathers using the pool, and the water was changed every 10-14 days.

The swimming pool at Bartley Secondary Modern School was not completed during 1960 as was at first anticipated, but is expected to be completed and opened about mid 1961. The use of Foxlease swimming pool has been discontinued by the school.

1958	638	451	563	31,710
1959	601	477	710	53,130
1960				55,000

During the year the number of houses completed by the Council was 161, as compared with 79 in 1959. The number built by private enterprise was 613.

The number of houses to let provided by the Council had, at the end of 1960 reached a total of 2,236.

The following information regarding the current waiting list and the number of applications re-housed during the year, have been kindly supplied by the Housing Officer.

Number of families housed during the year:	
a. Slum clearance	24
b. Caravans	14
c. General need	100
d. Special cases - on health grounds	6
	<hr/>
	144
	<hr/>
Number of applicants on waiting list at the end of the year :	461
The total number of gypsy and similar type families rehoused by the Council increased to 55.	
The potential number of applicants who may be offered tenancies in 1961 (New Houses)	250

Unfit Houses

The Clearance of unfit houses again made satisfactory progress and a further 30 houses considered to be unfit for human habitation and not capable of being made fit were represented to the Council bringing the total number dealt with at the end of the year up to 256.

The number of unfit houses made fit, and houses in which defects were remedied was as follows:-

By Formal Action	28
By Informal Action	3
	31

TABLE 1.

Number of Houses completed during 1960
by the Council and Private Enterprise

	Erected by Council		Erected by Private Enterprise.	
	1959	1960	1959	1960
Dibden	73	161	214	227
Eling	6	-	202	176
Beaulieu	-	-	3	4
Boldre	-	-	15	12
Bramshaw	-	-	1	2
Brockenhurst	-	-	16	17
Copythorne	-	-	25	11
East Boldre	-	-	5	5
Exbury	-	-	1	-
Fawley	-	-	106	137
Lyndhurst	-	-	6	8
Marchwood	-	-	6	4
Minstead	-	-	-	1
Netley Marsh	-	-	13	1
Rhinefield	-	-	-	-
Sway	-	-	18	8
Total	79	161	631	613

TABLE II

Number of Houses built by the Council and
Private Enterprise, population and number
of applicants on Council's Housing List
for 1951-1960

Year	Number of applicants on Council's Housing List.	Houses erected by		Total	Population of District
		Council	Private Enterprise.		
1951	1,200	174	38	212	44,900
1952	1,200	231	70	301	45,090
1953	1,085	167	176	343	45,480
1954	911	145	303	448	45,960
1955	693	106	406	512	46,840
1956	750	108	383	491	48,130
1957	580	116	555	671	49,780
1958	638	112	451	563	51,710
1959	739	79	631	710	53,130
1960	461	161	613	774	55,080

TABLE III

Particulars of Houses owned by
the District Council

Bramshaw	12
Beaulieu	56
Boldre	60
Brockenhurst	118
Copythorne	30
Dibden	761
East Boldre	22
Eling	741
Fawley	227
Lyndhurst	77
Marchwood	45
Minstead	5
Netley Marsh	18
Sway	<u>81</u>
	<u>2,253</u>

INDIVIDUAL UNFIT HOUSES DEMOLISHED OR CLOSED DURING 1960

		Number of Houses	Number of persons displaced	Families
1.	<u>Housing Act 1957</u>			
	(a) Demolished as a result of formal or informal procedure (Sec. 17)	51	57	20
	(b) Closed - Under Sections 16(4) and 17(1)	2	24	6
	(c) Closed - Under Section 18	1	2	1
2.	<u>Unfit Houses made fit and houses in which defects were remedied</u>			
	(a) Unfit houses dealt with as a result of INFORMAL ACTION by the Local Authority ...	...	28	
	(b) Unfit houses made fit as a result of FORMAL ACTION under Section 24. ...	...	Nil	

(c) Unfit Houses made fit as a result of FORMAL ACTION under Section 24 3

31

3. Number of Houses dealt with (including Closing Orders etc.) since 1946. 256

Made up as follows:

Demolition Orders made 143

Closing Orders made 28

Voluntary Demolitions 41

Undertakings :

(i) Premises will not be used 30

(ii) Works will be executed to render fit 14

256

Number of houses demolished (formally and voluntarily) 162

Number remaining to be demolished 22

Miscellaneous

Number of persons re-housed by the Council as a result of action under the Housing Acts since 1946 557

CERTIFICATES OF DISREPAIR

During the Year applications for Certificates continued to be received, although the rate has now decreased considerably:-

Number of applications received 2
Number of Certificates granted Nil
Number of Undertakings received and accepted 2
Form "P" issued 1

OVERCROWDING

During the year, 2 cases of overcrowding were brought to light.

Abatement has been secured in 4 cases, by re-housing in Council accommodation, including 3 families which were notified as living in overcrowded conditions, during the previous year.

It is hoped that the Council will be able to assist in alleviating the present conditions in the one remaining case when suitable accommodation is available.

VERMINOUS PREMISES

Seven premises (private and Council houses) were treated for flea infestations.

RIVERS AND STREAMS

During 1960 22 samples of effluents were taken from the following Council owned Sewage Disposal Works :

- Brockenhurst
- Eling
- Blackfield
- Lyndhurst
- Marchwood (Council Estate)
- Bank
- Church Lane - Sway
- East End (Council Estate)
- Hatchett
- Netley Marsh (Council Estate)
- Canterton Lane (Council Estate)
- Boldre (Council Estate)
- Bartley
- Norley Wood.

The effluents from these Works discharge into rivers and streams. Of the 22 samples taken, 17 were found to be satisfactory, 3 unsatisfactory, and 2 most unsatisfactory. The Bartley Water continues to be polluted by the effluent from the overloaded Eling Sewage Works and in the upper reaches it continues to be polluted by domestic sewage effluents discharged into ditches from houses and other properties in the parishes of Copythorne and Netley Marsh, where no main drainage facilities are available. To a lesser extent, pollution of ditches and streams takes place in other non-sewered parishes and action, whenever practicable, has been taken to remove the polluting sources, e.g. overflows from cesspits and direct discharges of sink waste.

Reference is made to the Council's proposals for sewerage and also proposed improvement works, under "Sewerage and Drainage".

INSPECTION AND SUPERVISION OF FOOD

Food and Drugs Act

Regular inspections of food shops, food vehicles, etc. have been carried out during the year, and a total of 894 visits were made. There are 532 food premises in the district as follows:

Canteens	19
Butchers Shops	30
Grocers shops	75
Greengrocers shops	28
Bakers (bread and cakes)	16
Confectioners (sweets)	34
General Stores	64
Hotels (inc. Guest Houses)	51
Cafes	40
Public Houses (Inc. Off Licences)....	74
Fish shops (wet)	11
Fish and Chip shops	5
Sugar (wholesale)	1
Clubs	12
School Canteens	44
Miscellaneous	28
	532

The following remedial work was completed during the year :

Dirty walls and ceilings cleansed and redecorated	269
Defective walls repaired	26
Defective floors repaired	9
Hot water supplies provided	16
Additional sanitary accommodation provided	8
Improved drainage and sanitary accommodation.....	4
Additional and improved washing facilities provided ..	14
Additional and improved wash hand " "	12
Structural improvements, inc.lighting and ventilation.	12
Provision of refrigerated display cases	10
Provision of glass screening or display cases	12
First Aid kits provided	3
Miscellaneous equipment provided	31

Food Hygiene Regulations 1955

The Council's Clean Food campaign under the Food Hygiene Regulations continues to be carried out by your Inspectorate. Food premises of all types were visited throughout the year and it was found that of the 10 premises primarily inspected, 9 premises were of a satisfactory standard, and in one case only the premises required attention and alteration to enable them to comply with the Regulations. Advice and instruction was offered and the persons concerned were very co-operative. Formal action was not considered necessary.

Reinspections of these premises has shown that work has been carried out and the condition of the premises was sufficient to enable them to satisfy the requirements of the Regulations.

Since the campaign commenced in September, 1956, a total of 532 food premises have been inspected primarily, of which 325 comply and 207 do not reasonably comply with the Regulations.

In 183 cases of the latter, work has been completed to enable them to satisfy the Regulations, and included the provision of washing facilities, with a supply of hot and cold water, to 114 premises.

Section 16 - Food and Drugs Act 1955

21 premises are registered for the manufacture and preparation of sausages, sausage rolls, pork pies, pressed, pickled and cooked meats. 18 premises are registered for the manufacture of sausages and pressing and pickling of meats, one for the preservation of hams and one for the manufacture and preparation of brawn. 71 inspections were made and no Statutory action was found necessary.

Bakehouses.

24 inspections were made to bakehouses.

Ice Cream.

91 inspections were made to premises in the District at which ice cream is manufactured or sold. 15 applications for registration were approved, and at the end of the year there were 189 premises registered for the sale of ice-cream, an increase of 15 over last year.

One establishment is registered for manufacture and sale. 129 samples of ice cream and 37 samples of ice lollies were taken and submitted for bacteriological examination, with the following results :

Grade	Ice Cream	Ice Lollies
Grade I (very satisfactory)	129	37
Grade II (satisfactory)	-	-
Grade III (unsatisfactory)	-	-
Grade IV (most unsatisfactory)	-	-

The 100% satisfactory results were again obtained, 166 samples being very satisfactory (Grade I). The only manufacturer in the district continued to give satisfaction and of the 63 samples taken at various stages of production, all were very satisfactory (Grade I).

Ice-cream and Ice Lolly samples

Results of bacteriological examinations - 1949/59

Year	Number of Registered Premises	Number of Samples	Satisfactory %	Unsatisfactory %
1949	53	117	70	30
1950	78	185	87	13
1951	102	136	87	13
1952	108	213	90	10
1953	122	239	98	2
1954	131	183	100	-
1955	142	163	100	-
1956	147	132	100	-
1957	158	265	99	1
1958	164	208	100	-
1959	174	175	100	-
1960	189	166	100	-

It will be seen from this table that the number of registered premises has increased from 53 in 1949 to 189 at the end of 1960.

MEAT AND FOOD INSPECTIONS

The following foods from shops and food vehicles were found to be unfit for human consumption:-

- 5 qrs. 0 lbs. 11½ ozs. Fresh Meat
- 91 Tins Meat
- 52½ lbs Fresh Fish
- 16 Tins Fish
- 4 Dozen Escallopes (Shell Fish)
- 35 Tins Fruit
- 15 Tins Vegetables
- 13 lbs Fresh Vegetables.
- 4 Tins Soup
- 23 Tins Confectionery
- 41 Packets Biscuits.
- 16½ lbs. Biscuits.
- 2 Christmas Cakes
- 5 - 4lb Boxes Hazelnut Whirls.
- 4 - 4lb Boxes Almond Whirls.
- 1 Carton Dried Milk
- 2½ dozen Eggs.

All condemned foodstuffs suitable for animal feeding, other than that required to be returned to the wholesaler, were collected and disposed of for that purpose at Public Institutions. Foodstuffs not suitable for animal feeding were burned or buried.

Slaughterhouses.

No slaughtering is carried out in the District, as all slaughtering facilities for the district are provided by the Wessex Slaughterhouse Board (of which the Council is a constituent Member).

Food Control

There were only 10 complaints received during the year from consumers in relation to contaminated or unsound food within the district. In every case a full and thorough investigation was made with the retailer or manufacturer to ascertain the cause and to prevent its recurrence, and in only one case was it considered appropriate to deal with the complaint by formal action.

Food Adulteration

The Food Adulteration Sections of the Food and Drugs Act, 1955 are administered by the County Council and details of the number of samples and of commodities taken in the district during the year have been kindly supplied by the Chief Sampling Officer, as follows:

Article	Number Taken	
	Satisfactory	Unsatisfactory
Milk - Channel Islands	83	16
Milk	73	-
Miscellaneous	23	-
Total	179	16

Shops Act, 1950 - Sections 37 and 38

Inspections relating to the arrangements for health and comfort of shop workers, were made in conjunction with routine inspections carried out under the Food and Drugs Act. It was not found necessary to take any formal action under this Act.

MILK AND DAIRIES

Details of registrations and licences are set out hereunder :

1. Registration :

- (a) Milk Distributors 22
- (b) Dairy Premises (other than Dairy Farms) 22

2. Licences granted under :

- (a) The Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations 1949.

- i. Dealers 39
- ii. Supplementary 5

- (b) The Milk (Special Designation) (Raw Milk) Regulations

- i. Dealers 18
- ii. Supplementary 4

3. Administration

- Inspections to milk distributors and dairy premises 73

Sampling

A total of 62 samples of milk were taken and submitted for chemical, bacteriological and biological examination; Reports as follows:-

Designation	No. of Samples.	Phosphatase Test.		Guinea Pig Test			
		Satis - factory	Unsatis- factory	Tuberculosis		Brucella Abortus.	
				Pos.	Neg.	Pos.	Neg.
Pasteurised	47	47	-	-	-	-	-
T.T.	15	-	-	-	15	-	15
Total	62	47	-	-	15	-	15

The district is a specified area under the Milk (Special Designation) Specified Areas) Order, 1958, which came into operation on the 25th April, 1958.

The Order prohibits the retail sale of milk in the District unless it is Pasteurised, Tuberculin Tested, or Sterilised. All samples taken complied with the Special Designations Regulations.

No action was taken under Regulation 20 of the Milk and Dairies Regulations 1949.

Smoke Abatement

There were 54 observations of smoke, and a similar number of visits to industrial undertakings in the district were made. There are still occasional intermittent dark smoke emissions of short duration only, due to mechanical breakdown. No complaints were received against any undertaking.

Petroleum Refinery Fawley, Generating Station, Marchwood

The provisions of Section 17 of the Clean Air Act, that is in relation to the emission of smoke, grit and dust from these undertakings, is the responsibility of the Alkali Inspectorate, Ministry of Housing and Local Government.

A close and cordial liaison is maintained with the District Inspector. No complaints have been received during the year against either works.

FACTORIES

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
Factories with mechanical power.	125	54	4	-
Factories without mechanical power	17	-	-	-
Total	142	54	4	-

Cases in which defects were found

Particulars	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	Defects entailing Prosecution
Want of Cleanliness	1	1	-	-	-
Inadequate Ventilation	-	-	-	-	-
<u>SANITARY CONVENIENCES</u>					
Insufficient	1	1	-	-	-
Unsuitable or defective	2	2	-	-	-
No intervening ventilated space	-	-	-	-	-
Other Offences	-	-	-	-	-

Outworkers were employed in the District during the year engaged in the manufacture of knitwear, gloves, plastic rainwear, children's clothes etc.

Rag Flock and Other Filling Materials Act, 1951.

There were no business undertakings in the District coming within the provisions of the Act.

NATIONAL ASSISTANCE ACT 1948/51

A widow, aged 77, living alone in most insanitary conditions was removed to Part III accommodation in Andover on May 17th. Her home was cleaned, and she returned on June 14th. She has been provided with a Home Help, and when last seen, the conditions in her home were fairly satisfactory.

PREVENTION OF DAMAGE BY PESTS ACT 1949

AND THE PREVENTION OF DAMAGE BY PESTS

(THRESHING & DISMANTLING OF RICKS)

REGULATIONS 1950

The duties imposed upon local authorities by Section 2 of the Prevention of Damage by Pests Act 1949 to secure, so far as practicable, that the district is kept free from rats and mice, were carried out by a Rodent Officer and an Operator, employed full time.

Service of Disinfestation to private premises is indirectly free, the cost being borne by the General Rate Fund and by Government Grant. For servicing Business and Agricultural Premises a charge is made at the rate of 7/- per hour, and is offered either by an 'ad hoc' service or by yearly contract, which includes four treatments at three monthly intervals. Contract service is encouraged wherever possible to business premises, as this system of operation has been found most satisfactory in keeping premises free of infestation the year round. People wishing to carry out the work themselves have been given every help and advice. Routine and systematic inspections of all classes of properties have been carried out, - also to banks, ditches and hedgerows which can, if overloaded, cause reinfestation of property already clear.

Throughout the district complaints of Rat and/or Mice infestation continue to be received, either by letter, verbal or telephone messages, and acknowledged with service as soon as possible.

Council owned property receive periodical inspections and service during the year, and kept free of infestation generally.

Warfarin remains the poison of choice which continues to give excellent results in the extermination of Rats and Mice.

During the year a number of fairly heavy infestations were found, but it can be assured that the Council's area is controlled and maintains a minimum of infestation.

<u>Details of Work</u>	<u>1960</u>	<u>1959</u>
Number of yearly contracts	55	56
Income from Contracts	£472. 13. 0	£535. 19. 0.
Income from 'ad hoc' services	£55. 13. 0	
Number of complaints received	291	325
Number of infestations found	789	853
Number of infestations dealt with	945	1,178

Number of Visits made for Survey Work

a. Dwelling houses	1,814	1,260
b. Business premises	279	242
c. Agricultural Premises	377	368
d. Local Authority premises	18	20

Number of Visits made for Disinfestation.

a. Dwelling houses	2,051	2,505
b. Business premises	414	414
c. Agricultural premises	405	516
d. Local Authority premises	24	28

Number of bodies picked up

Rats	527	607
Mice	172	177

SUMMARY OF INSPECTIONS

Nature of Inspection	Number made
Milk and Dairies	62
Water Supply	127
Cesspool Cleansing	48
Public Conveniences	1
Nuisances	965
Infectious Diseases	292
Rooms Disinfected	4
Housing	921
Food and Drugs	793
Inspection of Food	37
Ice Cream Premises	91
Factories	10
Refuse Collection and Disposal	733
Verminous Premises	18
Rooms disinfested	10
National Assistance Act	1
Moveable Dwellings & Camp Sites	149
Smoke Abatement	25
Smell and Noise Observations	66
Schools	1
Swimming Pools	-
Rodent Control	827
Other Pest Control	6
Meetings and Interviews	103
Miscellaneous	1,126
Shops Act	10
Rag & Flock Act	2
Pet Shop Act	1
Agricultural Welfare	88
<u>Samples</u>	
Water	30
Milk	64
Ice Cream	124
Ice Lollies	39
Swimming Bath Water	-
<u>Specimens</u>	
In connection with the investigation of infectious diseases.	551
Total	7,325

THE PREVALENCE OF AND CONTROL OVER

INFECTIOUS AND OTHER DISEASES

Parish	Est'd Pop'n	Scarlet Fever		Tuberculosis		Polio-myelitis	Ophthalmia Neonatorum	Erysipelas	Measles	Whooping Cough	Dysentery	Puerperal Pyrexia	Food Poisoning	Ac. Pneumonia	Encephalitis		Meningococcal Infection	Tuberculous Meningitis
		R	NE	P	NP										I	PI		
Beaulieu	1290	-	-	-	-	-	-	-	2	-	4	-	-	-	-	-	-	-
Boldre	2282	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bramshaw	655	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brockenhurst	2563	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-
Copythorne	2671	1	-	-	-	-	-	7	-	-	2	-	-	-	-	-	-	-
Denny Lodge	589	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibden	8170	5	-	-	-	-	-	183	-	-	5	2	4	-	-	-	-	-
East Boldre	1098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eling	17,818	12	-	-	-	-	-	1	1	-	43	5	4	1	-	-	-	-
Exbury	292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fawley	6784	8	-	-	-	-	-	-	1	-	1	2	1	-	-	-	-	-
Lyndhurst	2748	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Marchwood	1953	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	-	-
Minstead	1364	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Netley Marsh	2453	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Rhinefield	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sway	2200	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL	55,080	29	1	-	-	-	-	4	199	2	57	9	14	2	-	-	-	-

Notifiable Cases (other than Tuberculosis)

notified during the year

Disease	Total Cases Notified	Deaths
Scarlet Fever	9	-
Poliomyelitis - paralytic	-	-
-do- non-paralytic	-	-
Ophthalmia Neonatorum	-	-
Measles	199	-
Whooping Cough	2	-
Dysentery	57	-
Puerperal Pyrexia	9	-
Food Poisoning	14	-
Pneumonia	2	-
Encephalitis - infective	-	-
post-infective	-	-
Erysipelas	4	-
Total	296	-

Cancer

The number of deaths attributed to cancer is 95; 65 males and 30 females, of which 20 (18 males and 2 females) were due to cancer of the lung or bronchus - 21% of all cancer deaths. (The total number of deaths attributed to cancer includes also 6 cases of Leukæmia, 3 males and 3 females.

For comparison, the numbers of deaths and rates per 1,000 of the population in the district since 1950 are as follows :

Year	Deaths	Death rate per 1,000 population
1950	96	2.16
1951	113	2.50
1952	65	1.44
1953	90	1.97
1954	70	1.56
1955	84	1.79
1956	66	1.37
1957	85	1.50
1958	93	1.79
1959	95	1.78
1960	95	1.1

Diphtheria and Whooping Cough Immunisation

Below is the number of children who completed a full course of primary immunisation and booster treatment for the year ended 31st December, 1960, as compared with 1959.

Ages at date of final treatment	Number having full primary dose		Number having secondary treatment.	
	1959	1960	1959	1960
<u>Diphtheria Immunisation alone</u>				
Under 1	2	3	-	-
1 to 4	9	7	7	4
5 to 14	5	142	163	1532
<u>Combined (Diphtheria and Whooping Cough)</u>				
Under 1	29	3	-	-
1 to 4	19	4	7	-
5 to 14	2	1	21	26
Total	50	8	28	26
<u>Triple (Diphtheria/Whooping Cough/Tetanus)</u>				
Under 1	564	484	-	-
1 to 4	169	458	40	13
5 to 14	32	70	95	238
Total	765	1012	136	251
<u>Whooping Cough alone</u>				
Under 1	-	-	-	-
1 to 4	6	1	-	-
5 to 14	3	1	1	-
Total	9	2	1	-
<u>Diphtheria/Tetanus</u>				
Under 1	3	-	-	-
1 to 4	11	4	1	1
5 to 14	6	15	6	30
Total	20	19	7	31

The number of children under 1 year of age who received a full course of primary immunisation in 1960 was 490, as compared with 598 in 1959. Triple antigen is again being used extensively; out of 1,193 immunised, 1,012 received triple vaccine.

The clinics at schools continued during 1960, - the Head Teachers and other members of school staffs again being extremely helpful and co-operative. Without their assistance the compilation of these figures would not have been possible.

FOOD POISONING

14 cases were notified during the year, one less than in the previous year. One family incident in which all four persons in the family were affected, was investigated. No pathogens were found in the specimens examined. The remaining 10 cases were all isolated incidents, - the specimens examined showed Salmonella Typhi-murium in three, - Salmonella Thompson, Heidelberg and Brandenburg in one each. The remaining specimens were negative.

POLIOMYELITIS

No case was notified during the year. This is the first year since 1947 that the district has been free. The incidence throughout the country was much reduced, being considerably less than half that of 1959.

Vaccination against poliomyelitis

During 1960 the following vaccinations were given:

Ages 0 to 15 years	=	1,176 primary doses	
		5,036 booster doses	
Ages 15 to 25 years	=	334 primary doses	
		2,699 booster doses	
Ages 26 to 40 years	=	1,712 primary doses	
		1,131 booster doses.	
Ages over 40	=	35 primary doses	
		71 booster doses.	

WHOOPIING COUGH

Two cases only were notified in 1960, and in 1959 only eleven. These are the two lowest figures recorded since Whooping Cough became notifiable. The incidence throughout the country has not been reduced, so this area may not be so fortunate in the future.

Vaccination against this disease is continuing.

Year	Number of cases Notified	Attack Rate
1953	180	4.17
1954	108	2.32
1955	104	2.15
1956	213	4.21
1957	54	1.08
1958	134	2.61
1959	11	0.20
1960	2	0.04

MEASLES

1960 was not a Measles year, but 199 cases were notified, 2 in the first quarter of the year, 3 in the second, 4 in the third, and 190 in the last quarter. In the age group under one year, there were 3 cases; 1 - 4 years there were 58 cases; 5 - 9 years 123 cases, and over 10 years, 15 cases.

Year	Number of cases notified	Attack Rate
1953	1213	26.67
1954	6	0.13
1955	775	16.50
1956	162	3.30
1957	939	19.24
1958	382	7.38
1959	811	15.00
1960	199	3.61

Smallpox Vaccination.

It is estimated that 50.1% of children under 1 year of age were vaccinated, the average for all Rural Districts in the County being 58.9%.

DYSENTERY

57 cases of Dysentery were notified. At the end of

1959 a number of cases of Dysentery were occurring in the Parish of Eling. This continued up to the middle of April and accounted for the majority of notifications. A few cases occurred in other parishes. There have been no known cases of Dysentery since early in August.

SCARLET FEVER

9 cases were notified - 5 in the parish of Dibden, 2 in Fawley, and 2 in Sway.

TUBERCULOSIS

36 cases were added to the Register, - 30 primary notifications and 6 cases (5 Pulmonary and 1 Non-Pulmonary) moved into the District as transfers from other areas. 3 were removed by reason of death.

Number of cases on the Tuberculosis Register

	Pulmonary.		Non-Pulmonary		Total
	M	F	M	F	
Number on register as at 31st December 1959	319	207	48	51	625
Number on register as at 31st December, 1960	314	210	46	52	622

Tuberculosis
New Cases - Age Groups

Age Group	Pulmonary		Non-Pulmonary	
	M	F	M	F
Under 5 years	-	-	-	-
5 - 14	-	-	1	-
15 - 24	2	2	-	-
25 - 44	7	6	-	-
45 - 64	5	3	-	-
65 & over	3	1	-	-
Total	17	12	1	-

Comparability Table of the number and rate per 1000 of the population of New Cases and Deaths from Tuberculosis for the years 1950 - 1960

Year	Pop'n	New Cases		Deaths	New Cases rate per 1000 Population	Death Rate per 1000 population
		P	N.P.			
1950	44,200	34	13	12	1.1	0.3
1951	44,900	40	7	7	1.0	0.1
1952	45,090	22	2	6	0.5	0.1
1953	45,480	50	10	6	1.3	0.1
1954	45,960	30	6	4	0.78	0.08
1955	46,840	40	8	4	1.2	0.08
1956	48,130	39	6	2	0.85	0.04
1957	49,780	30	7	5	0.75	0.10
1958	51,710	24	7	4	0.59	0.07
1959	53,130	31	6	2	0.51	0.03
1960	55,080	29	1	3	0.52	0.05

B.C.G. Vaccination

This is carried out by the Chest Physician, and is still made available to school children between the ages of 13 and 14.

After-care in Tuberculosis

The Totton and District Tuberculosis After-Care Committee continues to do much good work in the larger part of the District. The remainder of the District, namely parts of Brockenhurst, Boldre, Rhinefield and Sway, is looked after by the Christchurch Committee.

GENERAL REMARKS

The population of the area continues to increase, having risen by an estimated 1,950 to 55,080.

The Birth Rate is 19.0 as compared with 20.0 in 1959. The National Birth Rate is 17.6

The Infantile Mortality Rate of 22.6 (24 deaths) is above the National Rate of 21.9.

The number of deaths (577) is 51 more than 1959, the Death Rate being 10.4 and, after application of the Comparability

Factor, 11.2; The National Rate for 1960 was 11.5.

The incidence of infectious disease has once again been at a low level. I have previously commented on the fairly small outbreak of dysentery in the parish of Eling.

For the fourteenth successive year, there has been no case of Diphtheria.

I have the honour to be, Ladies and Gentlemen,
Your obedient servant,

R.J.K. Tallack,

Medical Officer of Health.

Comparability Table of the number and rate per 1000 of the
 and also reported most cases of death from tuberculosis for
 The National Health Survey for 1950 was 11.2.

The incidence of infectious disease has been

Year	Population	Number of cases	Rate per 1000
1950	48,730	2	0.04
1951	49,730	3	0.06
1952	50,730	4	0.08
1953	51,730	5	0.10
1954	52,730	6	0.11
1955	53,730	7	0.13
1956	54,730	8	0.15
1957	55,730	9	0.16
1958	56,730	10	0.18
1959	57,730	11	0.19
1960	58,730	12	0.20

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 Your obedient servant,
 R. L. K. Talack,

Medical Officer of Health.

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 The remainder of the District, namely parts of Brighthelmston,
 Haldre, Shipfield and Goy, is looked after by the Christchurch
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GENERAL REMARKS

The population of the area continues to increase, having
 risen by an estimated 1,000 to 55,000.

The Birth Rate is 19.3 as compared with 20.0 in 1959. The
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 Death Rate being 10.4 and, after application of the Comparability