[Report 1944] / Medical Officer of Health, Thornbury R.D.C.

Contributors

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ALMORES OF THE THORILLURY BURLL DISTRICT COULET.

1. 9 4 4

Chairman.

Mr. J.H. Cooke, J.P.

Vice-Chairman.

Mr. F.W. Lewis.

Members.

Mr. C. Allen.

Mr. E. Doll.

Mr. H. Knapp.

Mr. H. Booth.

Mr. L.G. Clatterbuck.

Mr. J.F. Dolary.

Mr. C. Ford.

Mr. H. A. Stephens, J.P.

Mr. J.J. Hard ick.

Mr. J.G. King.

Mr. J.L. King.

Clerk to the Council.

Hr. J.L. Judd.

PULLIC HELLTE STAFF.

Medical Officer of Health. J.H. Kitson, M.B., M.R.C.S., D.P.H.

Sanitary Inspector, & surveyor, R. Huntington, M.B.I., M.S.I.A.

Additional Sanitary Inspector. L.J. Prosser, L.I.O.B., M.R.S.I., M.S.I.A.

Housing Surveyor's Assistant. Mr. A.F. Toung.

Clerk. Miss I. Tudor.

In the absence of the Medical Officer of Health, Dr. J.H. Kitson, on service with His Majesty's Forces since March 2nd, 1945, 1 have pleasure in presenting the annual report of the Medical Officer of Health for 1944.

J. Menzies Cormack,

Medical Officer of Health.

(appointed 3/3/45 to act as temporary Medical
Officer, during absence of Dr. J.H. Kitson.)



STATISTICS. 1944.

(a) General Statistics:

Area of District.	61,360 cres.
Population (Registrar-General's estimate mid-1944).	22,990
No of inhabited houses December, (Rate Books).	6,482
Rateable Value.	£112,738.
Sum represented by penny rate.	£469.9.5½.

(b) Extra	cts from Vital	Statist	ics.	
Live Births	Legitimate.	LOT: W.	F.	Birth Rate per 1,000 estimated resident population mid-1944 - 21
	Illegitimate.	33 13	20	
Stillbirths	Legitimate.	13 5	8	Rate per 1,000 total
	Illigitimate.	3 1	2	(live & still births) 32
Deaths	254	149 Death	Rate.	Death rate per 1,000 estimated average population - 11 England & wales. 11.6 England & wales. 17.6
	Deaths from Pue			nil.
	Deaths of infan			
1	Deaths from Can	cer (all	ages)	- 29
	Deaths from Mea	sles. (a	all ages	a). nil
	Deaths from Who	oping Co	ough (al	ll ages) nil
1	Deaths from Dia	rrhoea (under 2	2 years) 1

DISEASE:	Under 1 Year.	1-2	1-2 2-3 3-4 4-5	3-6		5-10	10-15	15-20	20-34	34-45	45-65	65 0ver.	Age Unknown.	TOTAL.
Snallpox. Scarlet Fever. Diphtheria. Puerperal Prrexia. Friumonia. Erysipela. Friendar. Food Pols caing. Corebo-opinal Frening tis. Hening tis. Hening fever. Peratypheid Fever. Ophthalmia Nechatorum. Ant. Policyelitis.	1111211: 11011411	10114111 11411111	12011401101 140011111	18114141 110011111	ikililar iddilili	14114141 44811111	12112141 40011111	IRMAHITI HOHITIHI	INDENTION HIMITITE	TILIDUAL LIALLITA	11110mell Hestilli	TITORNIT THEFT	11121111 11111111	1000000 040 1 1444



INFECTIOUS DISEASES IN PARISHES.

	THETOTY	QUO DIDEADE	S AN CAUTO	HPC.		De la constant
S.F.	Erysipelas.	Pneumonia.	Dysentary	. Diph.	Ant. Polio myelitis.	Puerperal Pyrexia
1015		2 - 1 10 1	12	- - - 1		ī - 1 -
- 5 5	1	7	1	- i	1	1
	1 2	7	15	5	- - - 1	2 5
Menin	Opkth gitis. Necna	almia torium. M	van Van	ooping ough	Malaria	
			1111	1	1	
	28 1917 5 - 5 - 1 - 2 Menin	S.F. Erysipelas. 2 2 3 1 7 1 7 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1	S.F. Erysipelas. Pneumonia. 7.18	8.F. Erysipelas. Pneumonia. Dysentary 7.18	7.18	S.F. Erysipelas. Pneumonia. Dysentary. Diph. Ant. Polio myelitis. 7.18

14 115

OTAL.



TUBERCULOSIS.

		New	Cases.			D	eaths.	
ge Periods.	Respi	ratory.		on atory.	Respir	atory.	Respi	n ratory.
	M.	F.	li.	F.	li.	F.	M.	F.
o.	-	-	-	-	-	-	-	-
L	-	-	1	-	-	-	-	-
2,3,4,5.		-	2	2	-	-	-	-
5 - 10.	-	-	-	-	1	-	-	-
11 - 15.	-	-	1	1	-	-	-	1
16 - 20.	3	7	-	1	1	-	-	-
21 - 25.	1	3	-	-	1	1	-	-
26 - 35.	5	2	-	-	-	3	-	-
36 - 45.	3	1	2	-	2	2	-	-
46 - 55.	3	1	1	-	3	-	1	-
56 up.	2	-	-	-	1	-	-	-
Totals:	17	14	7	4	9	6	1	1

SULLIN ORDER, 1941.

Arrangements have been completed with the Bristol City Council for persons suffering from verminous conditions to be treated at the dristol Clinic. The cost is 5/- per treatment. Arrangements have also been completed with the boobury Rural District Council, whereby children suffering from verminous conditions, requiring any imagor treatment can be admitted to the boobury bick bay for treatment. These arrangements have been found entirely satisfactor, in

practice.

continuente alle 1 35.

	Total Houses	3 •	Unmete 31st I	red supplies December, 1944
Almondsbury. Alveston. Oromhall. Palfield. Olveston. Redwick & Northwick Thornbury. Tytherington.	2,000 584 177 117 367 448 741 146 4,380			1,542 269 75 1 193 358 503 95 3,016

The water undertaker for the majority of the area is the West Cloucestershire water Company. This is a private company.

The water supplied by the Company has been satisfactory both in qualit, and quantity, and copies of analysis, chemical and bacteriological, follow.

No action has been necessary regarding any contamination.

There are however, many parts of the district which are not yet supplied with water.

The water supply is unsatisfactory in quantity in the Morthern part of the District, (berkeley, Minton, Hamfallow, Falfield, Alkington, Charfield and Stone) and at Aust, Elberton, and Littleton in the South. Extensions to existing water mains are also required at Alveston, Tockington, Olveston, Thornbury and Milbury Heath.

.. scheme is being prepared to improve the water supply of the Northern part of the district. The Gloucester City Corporation has agreed to provide a piped water supply to the parishes of alkington, berkeley, Ham & Stone, Hamfallow and Hinton, and the west Gloucestershire water Company has agreed to transfer their rights of supply to the City Corporation.

25 samples were taken and submitted to bacteriological examination. These were obtained from 22 sources. All were reported as unsatisfactory.

at Compton Greenfield.

WEST GLOUCESTER WATER COMPANY. KINGSWOOD. BRISTOL.

9. S.S.80.

Analysis of sample of Frampton output water taken on 1st Jan. 1945. The Counties Public Health Laboratories.

Appearance:

Clear and bright.

Colour:

Normal.

Odour:

Nil.

Reaction, pH

Neutral 7.5

Acidity as CO

Electric conductivity at 2000 650 Alkalinity as Ca CO3 29.0

Results expressed in parts per 100,000.

Ca.	Mg.	Na.	003	804	Cl.	NO3	S102	Probable Combination	ons.
6.3	22.1	(6.9)	17.4	6.3	2.6	0.00	1.2		
6.:	a.		9.3					Calcium carbonate	15.5
	2.1		5.2	'				Magnesium carbonate	7.3
		2.2	2.9					Sodium carbonate	5.1
1		3.0	1	6.3				Sodium sulphate	9.3
		1.7			2.6			Sodium chloride	4.3
						1.2		Silica	1.2
								Difference	0.8
10		Tot	al so	lid c	onsti	tuent	s dri	ed at 180°C.	43.5

Hardness-Total Temporary 24.5 Permanent 0.0 24.5 Free Ammonia 0.0044 = Ammoniacal Nitrogen 0.0036 Albuminoid Ammonia 0.0000 = Albuminoid Nitrogen 0.0000 Oxygen absorbed in 4 hours at 80°F Nitrogen in Nitrates 0.00 Nitrogen in nitrites: absent Metals: absent

> NOTE: To convert the above parts per 100.000 into grains per gallon multiply by 0.7

'Free chlorine reaction': 0.15 part per million.

BACTERIOLOGICAL RESULTS. Bacteriological sample dechlorinated No. of Colonies per c.c. or ml. on collection.

On Agar at 37°C in : 1.day. On Agar at 20°C in : 3 days

1

Bact. Coli

Present - Absent 100 c.c.

Cl. welchii... Present - Absent 100 c.c.

Signed Charles W. Martin, F.R. I.C. Gordon Miles, B. Sc., F.R. I.C.

TO SEE SHOULD BE SEEN THE SECOND SEE SECOND SEE SECOND SEC eligibus par 3 h A STATE OF THE PARTY OF delication of substant AND ADDRESS OF THE RESIDENCE THE PARTY OF TH JEDS-D. BELOSSER SEDERADANA, . MINORS PERCENTAGE COOK OF THE SECTION OF BOOCH ASTORES PLONESSES COLD TO THE RESERVED AS AN ADMINISTRATION OF THE PERSON OF towards continued as assessed to one anterior as abjorged AND THE SECRET SHE SECRET SHE SECRET SHE Two will design a constitution of the court TO THE SE THER DE and the said the TARREST - STATE - STATE restreated. The The service of the se

THE WEST GLOUCESTERSHIRE WATER COMPANY, 10. KINGSWOOD, BRISTOL.

Analysis of sample of California output water taken on 1st Jan., 1945.

The Counties Public Health Laboratories.

Appearance:

Clear and bright.

Colour:

Normal.

Odour: Nil.

Reaction.pH.

Neutral. 7.5

Acidity as CO2 1.5

Electric conductivity at 20°C

870.

Alkalinity as Ca CO3

Results expressed in parts per 100,000.

Ca.	Mg.	Na.	003	804	CL.	NO ₃	SiO2		
6.8	1.4	(14.0)	19.5	11.2	6.0	0.8	0.8	Probable combina	tions.
6.8			10.2			19730		Calcium carbonate	17.0
	1.4		3.5					Magnesium carbonate	4.9
		4.4	5.8					Sodium carbonate	10.2
		5.4		11.2				Sodium sulphate	16.6
1		3.9			6.0			Sodium chloride	9.9
		0.3		5		0.8		Sodium nitrate	1.1
			1				0.8	Silica	0.8
							March.	Difference	0.5
	-	Tota	l sol	id co	nstit	tuents	dri	ed at 180°C.	61.0

Hardness-Total	22.5	Temporary	22.5	Permanent		C.0
Free Ammonia	0.003	2 = Ammor	niacal N	Mitrogen		0.0026
Albuminoid Ammor	nia 0.000	00 = Albur	ninoid N	litrogen		0.0000
Oxygen absorbed	in 4 hou	urs at 80°1	7		1	0.020
Nitrogen in Nitr	rates 0	.18 Nitro	gen in	nitr ites		absent.

Metals: Iron: 0.007 Other metals absent. To convert the above parts per 100,000 into grains per gallon multiply by 0.7

'Free chlorine reaction': absent.

BACTERIOLOGICAL RESULTS. No. of Colonies per c.c. or ml. Bacteriological sample dechlorinated on collection. On Agar at 37°C. in : 1 day. 0. 0. 2 days.

On Agar at 37°C. in : 3 days. 0.

Bact. Coli. ... Present - Absent 100 c.c. Present - Absent 100 c.c. Cl. welchii ...

(Signed) Charles W. Martin, F.R. I.C. Gordon Miles, B.Sc. F.R. I.C.

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THE WEST GLOUCESTERSHIRE WATER COMPANY, KINGSWOOD, BRISTOL.

S.S. 80

Analysis of sample of Shipton Moyne output water taken on 1st Jan., 1945.

The Counties Public Health Laboratories.

Appearance: Bright - very slight deposit of iron oxide. Turbidity: Less than 5 parts per million, silica scale.

Colour:

Normal.

Odour:

Nil.

Reaction, pH. Neutral. 7.4

Acidity as CO2

1.4

Electric conductivity at 20°C 600

Alkalinity as Ca CO3

24.5

Results expressed in parts per 100,000.

Ca.	Mg.	Na.	003	804	cl.	NO3	Si02	Probable Combination	s.
7.2	1.1	(6.0)	14.7	4.4	4.6	0.00	1.0		
7.2			10.8					Calcium carbonate	18.0
	1.1		2.7					Magnesium carbonate	3.8
		0.9	1.2					Sodium carbonate	2.1
		2.1		4.4				Sodium sulphate	6.5
		3.0			4.6			Sodium chloride	7.6
							1.0	Silica	1.0
							1	Difference	1.0
	1113	- To	tal a	solid	cons	titue	nts di	ried at 180°C.	10.0

Hardness-Total: 23.0 Temporary: 22.5 Permanent: 0.5

Free Ammonia: 0.0084 = Ammoniacal Nitrogen: 0.0069

Albuminoid Ammonia 0.0000 = Albuminoid Nitrogen: 0.0000

Oxygen absorbed in 4 hours at 80°F. 0.005

Nitrogen in Nitrates: 0.00 Nitrogen in nitrites Loss than 0.001

Metals: Iron: Total: 0.055 In solution: 0.007 Other metals absent.

NOTE: To convert the above parts per 100,000 into grains per gallon, multiply by 0.7

'Free chlorine reaction': 0.07 parts per million.

BACTERIOLOGICAL RESULTS.

No. of Colonies per c.c.or ml. On Agar at 37°C. in : 1 day.

8.

On Agar at 20°C. in : 2 days.

5

Bact. Coli Present - Absent 100 c.c. Cl. welchii... Present - Absent 100 c.c.

(Signed) Charles W. Martin F.R.I.C. Gordon Miles B.Sc., F.R.I.C.

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THE WEST GLOUCESTERSHIRE WATER COMPANY, KINGSWOOD, BRISTOL.

8. 23.8.45.

ANALYSIS) 1944.

Bacteriological samples of output water examined during 1944.

	Absent in 100 m/	Present
Shipton Moyne Pumping Station Frampton Cotterell California.	27· 23 3	=
Total Company's sources Consumer's taps Reservoirs Total samples examined.	53 18 3 74	5 5

The five samples showing contamination were derived from the only uncovered reservoir at Cross Hands, Old Sodbury. This reservoir will be covered when circumstances permit: meanwhile the water is re-chlorinated when contamination is suspected.

Copies of Chemical analysis from above sources are enclosed.

Dwelling houses supplied.

The numbers of dwelling houses supplied from the Company's mains on 31st December, 1944, are given below: the only properties obtaining a supply from the Company by means of a public standpost are a group of 16 houses at Olveston, in Thornbury R.D. The number of houses drawing from outside taps on the premises is not recorded, but probably does not exceed 1%.

	Unmetered supplies 31st December, 1944.
Kingswood U.D.	4,877.
Mangotsfield U.D.	4.697.
Warmley R.D. Bitton Parish. Hanham Abbots do. Mangotsfield Rural do. Oldland. Siston.	751 427 170 544 429
Sodbury R.D.	7,301.
Thornbury R.D.	3,016

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SUBJERRY OF SANITARY INSPECTOR'S VISITS AND NOTICES SERVED DURING THE YEAR.

General Sanitation.	Number of Visits or Inspections.
Water supply.	59
Drainage. Stables and Piggeries.	146
Tents, Vans and Sheds.	111
Factories. Workshops.	1
Workplaces.	10
Outworkers. Bakehouses.	1 28 95 36
Public Conveniences.	28
Refuse Collection.	36
Salvage Collection (Book Drive) Refuse Disposal.	6
Rats and Mice.	57 13 5 2 315
Schools.	5
Shops. Miscellaneous Sanitary Visits.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Disinfestation of Bugs, etc.	38
Council House Repairs.	300
A.R.P. and Air Raid Shelters. Town Planning Meetings, etc.	185 10
Sewage Disposal.	132
Housing.	
Under Public Health Acts.	69
War Damaged Property.	1,282
Miscellaneous Visits.	2 71
New Buildings. Agricultural Houses.	34
Infectious Diseases.	1.7
Inquiries in cases of I.D. Visits re disinfection.	43 48 3
Miscellaneous I.D. Visits.	3
Inspection of Meat.	
Visits to Slaughterhouse.	254
Visits to shops and stalls. Visits to other premises.	19
	-
Visits to:-	
Butchers.	17
Grocers. Cowsheds.	17 17 251
Dairies & Milkshops.	7
Visits in connection with sampling.	
Milk.	48
Miscellaneous Food Visits.	13
Totals.	3,631
	3,031
Sanitary Inspection of the area.	
)a/ inspections made	3,631.
(b) Nuisances discovered or reported (total)	177
, " " (Swine only	
(c) Complaints received	72
(d) Informal or Priliminary Notices sent. (e) Statutory Notices sent	27 4

111 111

(f		abated	during	the year	r	175
(8 h) Summons is	sued				3
(h) Conviction	s obtai	ned			3

SANITARI CIRCUMSTANCES OF THE YEAR.

During the year, a large part of the staff's time was again employed in work directly attributable to the war activities.

MAR LAMAGED PROPERTY.

There was a reduced number of raids. With the exception of one raid on May 14th - 15th, when 120 properties were affected. The raids were not serious.

The repair of war Damaged property was the responsibility of the Public Health Lept. First his repairs were executed promptly by the employment of local builders and where necessary, complete reinstatement was made soon after, The total number of properties affected by har Damage is now 584.

PULLIC CLEANSING.

The collection and disposel of Refuse and Salvage continued throughout the year. The number of Tips in regular use have been reduced to two.

The total value of salvage collected during the 5 years since the scheme was inaugurated, amounted to £5,800 up to 31/5/45. The value of salvage disposed of during the year amounted to £1,123.

DRAINLIGH .. ND SEMERAGE.

- Particulars of Parishes where there is need of:
 1) A Sewerage system:- Charfield, Hinton, and Tockington.
- 2) Improvements in existing sewerage: Llmondsbur, berkeley and Olveston.

RIVERS AND STREETS.

any action to check the pollution of rivers and streams:The periodical inspection of all temporary disposal works
and the sampling of effluent.

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Shops and Ollices.	
Shops and Offices in register	81 20 60
No action was taken during the year under to of the Shop Act, 1934, or under the Public Health	he provisions h Act, 1936.
Camping Sites.	
(a) Number of sites used for camping during the	
(b) Number of camping sites in respect of which licences have been issued under Section 269	11
(c) Estimated maximum number of campers resident in the area at one time during summer Seasons.	30
	300
Smoke Abatement.	
Observations made	1
Swimming Baths and Pools. As in 1939	
Number of houses found to be infested Number of houses disinfested	Other Houses.
HOUSING.	
1. Inspection of Dwelling Houses during the Year.	
(a) (1) Inspection of dwelling houses inspected for housing defects (under Fublic Health or Housing Acts).	25
(b) (1) Number of Inspections made for this purpo (b) (1) Number of houses included under above	se. 71
which were inspected under the Housing Consolidated Regulations 1925 & 1934	3
(11) Number of inspections made for this purpose.	12
c) Number of houses found to be in a state so dangerous or injurious to health, as to be unfit for human habitation.	2
d) Number of houses, exclusive of those referred to under (c), found not to be in all respect	
reasonably fit for human habitation.	23

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2.	Remedy of Defects during the year without service of formal Notice.		
	Number of defective houses rendered fit in consequence of informal action	. 22	
3.	Action under Statutory Fowers during the year (a) Proceedings under Housing Act, 1936		
4.	All New Houses. (1) Total New Houses erected during the year. (Council and private enterprise) (2) New houses erected during the year with State assistance under Housing Acts. (3) New Houses erected during the year (without subsidy)	4 4	
	INSPECTION AND SUFERVISION OF FOO	D.	
	(a) Milk Supply.		
	Number of Dairies and Cowsheds inspected. Number of inspections	258	
	The result of action taken may be summarised	as follow	s:-
	(a) Cowsheds, yards and Dairies improved. (b) Cowsheds improved (c) Dairies reconstructed (d) New and improved yards	10 10 7 1	
	(b) Meat and other Foods.		
	Carcasses Inspected and Condemned.		
	Cattle (excl. Cows. Calves. cows)	Sheep & Lambs.	Pigs.
umbe	er killed.	4	not known.
umbe	er inspected.	4	2,390
	The state of the s	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN	THE RESERVE AND ADDRESS OF THE PARTY OF THE

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of a suck shadows part of the and the constraint such as the constra · de la North o brit force

Carcasses condemned.

	Cattle (excl. cows.)	Cows.	Calves	Sheep & Lambs.	Pigs.
All disease except Tuberculosis:-					
Whole carcasses condemned.	-	-	-	1	1
Part of carcasses of which some part of the organ was condemned.	-	-	-	3	23
rercentage of the number of carcasses inspected afected with diseases other than tuberculosis.	-	-	- 1	.00%	3%
TUBERCULOSIS ONLY.	11				
Whole carcass condemned.	-	-	-	-	21
Carcasses of which some part of organ was condemned	1	-	-	-	343
Number of carcasses inspect affected with Tuberculosis.		-	-	-	15.24
Condemned Foods Register.					
During the year the following weight of food was inspected and condemned:-					
Meat (Pigs only) Tuberculos Meat (Other diseases) Tins and jars various foods Other foods	a.(appro	x.weigh	9,90 1,23 1,19	6	
	Total:		12,72	1bs.	

·£ plant to 343 1818