[Report 1969] / Medical Officer of Health, Pembroke R.D.C.

Contributors

Pembroke (Wales). Rural District Council.

Publication/Creation

1969

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Pembroke Rural District Council

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ANNUAL

OF THE

DISTRICT
MEDICAL OFFICER OF HEALTH
AND THE
PUBLIC HEALTH INSPECTORS

1969

Personale Rund District Council

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MEDICAL OFFICER OF HEALTH
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PEMBROKE RURAL DISTRICT.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1969.

To the Chairman and Members of the Council,

Mr. Chairman, Mrs. Wisbey and Gentlemen,

I have pleasure in presenting to you the Annual Report on the health of the district for the year 1969.

Housing.

A total of 44 private dwelling houses and 8 council dwellings were completed during the year. Approximately 90 applicants were on the housing waiting list at the end of the year.

Infectious Disease.

As a result of measles vaccination, the number of cases of measles occurring in the district has fallen markedly. A total of 19 children contracted the disease this year and enquiry revealed that none of these children had received the vaccine.

In common with the whole of the county, your district was involved in the outbreak of Influenza (Hong Kong type) which started at the end of the year. Three deaths from influenza were notified in the rural district by the 31st December.

Water Supplies.

On the whole, the quality of the water supplies in the district was satisfactory during 1969. Routine samples were taken by the Pembrokeshire Water Board and any unsatisfactory results received from the Public Health Laboratory were immediately dealt with by the Board, who took the necessary remedial action.

Caravanning and Camping.

The number of holiday caravanners and campers continues to increase each year. Despite this, the standards of Caravan and Camping Sites in the rural district remains good. Generally, excellent liason and co-operation exists with site operators and your Public Health Inspector continues to press for improved standards and conditions at all sites. Special arrangements were necessary to accommodate the increased number of touring caravans during the summer.

THRIPS OF THE SULLION OF THE SULLION OF HEALTH FOR THE THE LIES.

To the Chairman and Manhars of the Council,

Mr. Chairman, Mrs. Wisboy and Contloned,

I have pleasure in processing to you the Amual Report on the boolts of the district for the year 1969.

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of money of the the district has faller and orquity rowelled the this year and orquity rowelled that the district has faller and orquity rowelled that some of these children had room to the vection.

In connon with the whole of the country, your district was three the country (Hong Kong Kong type) which are three the the year. Three deaths from influence were notified to the the three deaths from the three three

Maker Somplien.

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I should like to take this opportunity of thanking the Members of the Council and its Officers for their courtesy and co-operation and to include in this my thanks to Mrs. J. Short for all her help.

I have the honour to be,

Your obedient servant,

m Laustor

MICHAEL LAWLOR, M.B., B.Ch., D.C.H., D.P.H.,

The Clinic, Warren Street, TENBY.

Tel: Tenby 2991/2.

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VITAL STATISTICS.

Resident Population (Registrar General's Estimate)
1969 7,720

	Pembroke R.D.1969	Pembroke R.D.1968	County of Pembroke	England & Wales
Live Births	103	104		
Live Birth Rate (per 1,000 pop.)	13.3	13.5	16.6	16.3
Illegitimate Live Births Illegitimate Live Births per cent of	5	9		
total Live Births	4.7	8.6		
Still Births Still Birth Rate (per 1,000 Live &	1	1		
Still Births)	10	10	17	13.0
Total Live & Still Births	104	105		
Infant Deaths (Deaths under lyr) Infant Mortality Ra (per 1,000 Live Bir		2		
- total	10	19	15	18.0
- legitimate - illegitimate	10 Nil	19 Nil		
Neo-natal Mortality Rate (Deaths under (per 1,000 Live Bir	4wks)	9.6	11	12
Early Neo-natal Mor Rate (Deaths under (per 1,000 Live Bir	lwk)	9.6	10	10
Peri-natal Mortalit Rate (Deaths under & Still Births comb (per 1,000 Live & S Births)	lwk ined) 19	19	26	23

VITAL STATISTICS.

Resident Population (Registrar Ceneral's Batiante)

A bualnali ne.faV	County of Pembroke			
16,3			13.3	Live Birth Rate (per 1,000 pop.)
			5	ovid etamiticalli Birthu ovid etamiticalli
			7.4	
13.0			. 10	
				latet - etamidigel - etamidigelit -
	II	9.6		Hoo-matal Mortality Rate (Deaths under (per 1,000 Live Bir
	or	9.0		
				Peri-matal Hortality Rate (Deaths under & Still Births ocal) (per h.000 Live & Shrins)

	Pembroke R.D.1969	Pembroke R.D.1968	County of Pembroke	England & Wales
Maternal Deaths Maternal Mortality Rate (per 1,000	Nil	1		
Live & Still Births	s) Nil	9.5		
Deaths Death Rate (per	62	63		
Death Rate (per 1,000 pop.)	8.0	8,18	12.4	11.9

INFANT DEATHS.

One male child died at the age of a few hours, from prematurity, during the year; his birth weight was only 21bs.6ozs.

DEATHS (General).

The general death rate for the rural district again remains lower than both the county and national rates. 8 of the total 62 deaths were due to malignant disease - 3 due to cancer of the lung. Coronary thrombosis accounted for 13 deaths.

Approximately 30% of the deaths occurred in persons aged between 70 and 80 years of age and approximately 35% in persons over 80 years of age.

Causes of Death.	Male.	Female.
TOTAL (All causes)	33	29
Malignant neoplasm, oesophagus	1	-
Malignant neoplasm, stomach	1	Charles Charles
Malignant neoplasm, intestine	1	Tire-
Malignant neoplasm, lung, bronchus	2	1
Other malignant neoplasms	1	1
Benign and unspecified neoplasms	1	-
Diabetes mellitus	1	-
Hypertensive disease	1	2
Ischaemic heart disease	5	8
Cerebrovascular disease	5	7
Other diseases of circulatory system	3	Mile Past
Influenza	2	1
Pneumonia	1	-
Bronchitis and emphysema	1	2
Other diseases of respiratory system	-	2
Peptic ulcer	1	-
Other diseases, genito-urinary system	-	1
Diseases of musculo-skeletal system	-	1

8.1	England	County of Penbroke	Pombroka N.D.1968	onbroke D.1969	
		*	I	TEH	Maternal Double Maternal Hertality
			9.5		Hate (per 1,000 Live & Still Births)
	11.9				Doath Rate (por 1,000 pop.)

INFANT DEATHS.

One male child stad at the age of a few hours, from presentity, during the year; his birth weight was only 21bs. 60sc.

DELTHS (Conoral).

The general death rate for the rural district again remains lower than both the county and mathemal rates. 8 of the total 52 deaths were due to malagment disease - 3 due to cancer of the lyng. Coronary thrombosis accounted for 13 deaths.

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	I	
		Malignant neoplasm, investino
	1	Malignant mooplass, lung, bronchus
		Diabetes nellitus
	. 1	
	2322	
		Other diseases of circulatory system .
	1	
		Other diseases of respiratory system
		Other diseases, genite-uninary system
		Discourse of musculo-skelotel system

Causes of Death (cont.,)	Male.	Female.
Other causes of perinatal mortality	1	-
Symptoms and ill-defined conditions	1	-
Motor vehicle accidents	1	_
All other accidents	2	3
Suicide and self-inflicted injuries	1	0 000 00

NOTIFICATIONS OF INFECTIOUS DISEASE.

The following cases of infectious disease were notified to me for your district during the year :-

Measles ... 19 Scarlet Fever ... 1

TUBERCULOSIS.

I am pleased to be able to report that there were no deaths from Tuberculosis during the year, neither were any new cases of Tuberculosis notified for your district.

Prevention of Tuberculosis.

B.C.G. Vaccination: The annual visit to schools for the skin-testing and vaccination of 13-year olds and contacts, took place in the autumn. Some clinic sessions were held and Dr. D. Llewelyn Davies, the Chest Physician, continued to vaccinate contacts at his Chest Clinic.

791 children in the county were vaccinated during the year and also 42 contacts received vaccination.

MASS RADIOGRAPHY.

Arrangements were unable to be made for the Mobile Unit of the Mass Radiography Service to visit Pembrokeshire during the autumn of 1969, as hoped, but plans were made for visits early in 1970.

MOTIFICATIONS OF THEFOLIOUS DISEASE.

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Moseled ... 19

THE STREET, COLLEGE

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B.C.G. Vaccination: The amount wish to schools for the skin-test and vaccination of 15-year olds and contacts, took place in the and vaccination of 15-year olds and Dr. D. Llewelyn Davies, the Cha Some olds of and Dr. D. Llewelyn Davies, the Cha Physician, continued to vaccinate contacts at his Chest Clinic.

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Arrancements were unable to be made for the Mobile Unit of the Mass Andiography Service to visit Pembrokeshire during the autumn of 1969, as hoped, but plans were made for visits early in

NATIONAL HEALTH SERVICE ACT. 1946.

Local Health Services: Vaccinations against smallpox, poliomyelitis and measles and immunisation against diphtheria, whooping cough and tetanus continued at the weekly infant welfare clinics and also at school sessions during the year. No separate figures are available for your district, but the following are details of all children under 16 years in the county of Pembrokeshire, who received vaccination and immunisation during the year:

Primary Diphtheria immunisations:	1,226;	Booster doses: 2,026.
Whooping cough immunisations:	1,202.	
Primary Tetanus immunisations:	1,505;	Booster doses: 2,154.
Primary Smallpox vaccinations:	725;	Re-vaccinations: 87.
B.C.G.vaccinations:	791.	Contacts: 42.
Measles vaccinations:	850.	

NATIONAL ASSISTANCE ACT, 1948.

Section 47: Removal to suitable premises of persons in need of care and attention.

It was not necessary to take any action under the above Section during 1969.

NATIONAL HEALTH SERVICE ACT. 1946.

Local Health Services: Vaccinations against smallpox, policeweitiss and end remains and immunisation against diphtheria, whooping cough and totamus continued at the weekly infant welfare elimics and also at school scanions during the year. No separate figures are available for your district, but the following are details of all children under 16 years in the county of Pembrokeshire, who received vaccination and immunisation during the year :-

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	.088	Monelos vaccinations:

HATTOMAN ASSISTANCE ACT. 1948.

Section AV: Removal to suitable premises of persons in need of car

It was not necessary to teke any action under the above Section during 1969.

REPORT OF THE PUBLIC HEALTH INSPECTOR AND SURVEYOR FOR THE YEAR 1969

SEWERAGE

Schemes completed prior to 1969

Milton/Carew Cheriton

Manorbier

Lydstep

Angle

Rhoscrowther

Stackpole

Broadfield/Twycross/New Hedges

Carew

Penally

Jameston

Lamphey

St. Florence

Castlemartin

Cosheston

Schemes completed:

Hundleton Village - After completion of this scheme, preparations were immediately made for house connections and conversions to proceed.

Schemes commenced:

St. Twynnells - Work on the improvements and access road to the above works commenced in May and good progress was maintained. The works were expected to be completed early in 1970.

Schemes under consideration:

Carew and Branders Park - This scheme was prepared during the year and embraced most of the hamlets and villages in the parish of Carew, including the Milton/Carew Cheriton and Carew Sewage Treatment Works.

<u>Lydstep</u> - Investigations continued, together with consultations with the owner of a large caravan site at Lydstep Haven.

The existing works continue to function satisfactorily and no urgency exists under present circumstances.

St. Florence - Following the extension of the above works, it has been found necessary to provide for a further amendment incorporating a further dosing chamber together with safety handrails.

PERSORT OF THE FUBLIC HEALTH IESTECTOR AND SURVEYOR

SEMERAGE

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Milton/Carew Cheriton Carew
Manorbier Popally
Lydstep
Angle Lampbey
Hhoserowther St. Florence
Stackpole Castlemetts
Brondfield/Twycross/New Hedges Coshepton

Schamon completed:

Sundleton Village - After completion of this scheme, preparations ware immediately made for house competions and conversions to proceed,

Schemen commenced:

to the above verks commenced in May and good progress was maintained. The works were expected to be completed early in 1970.

Schools under consideration:

the year and desired the fark - This scheme was propored during the year and villages in the parish of Cercy, including the Milton/Carcy Cheriton and Carcy Sawage Treatment Works.

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The existing works continue to function satisfactorily and no urgency exists under present circumstances.

St. Florence - Following the extension of the above works, it has been found necessary to provide for a further amendment incorporating a further desing chamber together with safety hardrails.

PUBLIC CONVENIENCES

Although consideration was given to the provision of a number of public conveniences, only one new convenience was built during the year. The location was at Freshwater West, Angle, but due to late delivery of windows, the public convenience was not available for public use.

HOUSING

Council Housing Stock at end of 1969

Four bedroomed houses 9
Three bedroomed houses and bungalows 284
Two bedroomed houses and bungalows 121
One bedroomed bungalows 20
434

Schemes completed:

<u>Castlemartin</u> - Eight two-bedroomed bungalows, and the acquisition and modernisation of four three-bedroomed cottages.

Schemes under construction:

Cosheston - Work commenced on a pair of threebedroomed houses and one garage on the site of Stepps Cottage.

Redberth - Four two-bedroomed and two three-bedroomed houses and garages were commenced in September.

Schemes under consideration:

It was resolved that the Council's house building programme for 1970 be as follows:-

Parish	No. of dwellings
Angle	9
Carew	2
Stackpole Elidor	12

FUBLIC CONVENTENCES

Although consideration was given to the provision of a number of public conveniences, only one new conveniences was built during the year. The location was at Freshwater West, Angle, but due to late delivery of windows, the public convenience was not available for public use.

HOUSING

Council Hensing Stook at and of 1969

Four bedroomed houses and bungalows 284
Two bedroomed houses and bungalows 121
One bedroomed bungalows 20
TOTAL A34

Schangs completed:

Castlementin - Sight two-bodroomed hungalows, and the acquisition and modernisation of four three-bodroomed cottages.

Scheme under combruction:

Cosheston - Work commenced on a pair of threebedroomed houses and one garage on the site of Stopps Cottago.

Radborth - Four two-bedroomed and two three-bedroomed houses and garages were commenced in September.

Scharges under consideration:

It was resolved that the Council's house building programme for 1970 be as follows:-

Partah Angle Stackpole Elider 12

PEMBROKE RURAL DISTRICT COUNCIL

HOUSING STATISTICS Private Dwellings including Flats

Year	Number Completed	One Bedroom	Two Bedroom	Three Bedroom	Four or more Bedrooms	Number under Construction at end of year
1960/61	17	- 100	SS/12 - 3		-	14
1961/62	15	-	4	9	2	26
1962/63	32	- 5	5	26	1	15
1963/64	33	-	7	20	6	20
1964/65	35	-	12	18	5	70
1965/66	67	3	15	44	5	98
1966/67	80	-	45	31	4	70
1967	58	-	24	32	2	50
1968	52	-	24	23	5	44
1969	44	29	7	32	5	49

Council Houses/Bungalows/Flats

Year	One Bedroom	Two Bedroom	Three Bedroom	Total Number completed
1960	-	-	-	-
1961	4	11	-	15
1962	2 -	22	-	22
1963	-	3	2	5
1964	120 -	22	6	28
1965	10	10	12	32
1966	6	9	16	31
1967	-	6	-	6
1968	-	5	16	21
1969	-	8	-	8
		L		

HOUSING STATISTICS Private Duellings including Flats

Construction	Four or more Bedrooms		Two	One	Number Completed	71
14	-		-	-	17	
35				_		53/62
15		26		-		
						53/64
70				-		
		32	45			
		32				
				-		
49		32		-		69

Council Houses/Bungalows/Flats

				Tool
		-	_	1960
15	-			
22		22		
28			-	
32	12			
			-	
			-	

PEMBROKE RURAL DISTRICT COUNCIL

HOUSING STATISTICS

lear	Council Houses	Private Houses	Approved Discret- ionary Improvements Grants			Houses closed or demolished
1960	-	17	21	6	6	5
1961	15	15	21	5	7	15
1962	22	32	26	10	3	15
1963	5	33	19	.8	4	8
1964	28	35	11	3	2	15
1965	32	67	4	7	14	14
1966	31	80	5	1	4	15
1967	6	58	8	2 - 1	8	6
1968	21	52	3	5	8	15
1969	8	44	2	10	10	30
OTAL	178	433	120	55	66	138

PEMEROKE RUBAL DISTRICT COUNCIL

HOUSING STATISTICS

	Houses modernised without Grant	Houses modernised with Standard Improvements Grants	Approved Discret- ionary Improvements Grants	neil Frivate
5			21	1.77
	77		21	135
		10		32
8		8.		33
15	2			35
M		7	4	113
15	4	1		
9				58
15			3	52
30		10	2	44
	66	55	120	433

PEMBROKE RURAL DISTRICT COUNCIL

HOUSING STATISTICS

Discretionary Grants (Approved Expenditure)

Year	Less than £500	£500-£1,000	£1,000-£1,500	£1,500-£2,000	Over £2,000	Total
1960	1	13	4	1	2	21
1961	1	6	5	-6	9	21
1962	2	9	10	2	3	26
1963	1	6	5	3	4	19
1964	1-64	5	6	-	-	11
1965	20	3	-	1	-	4
1966	-26	2	1	2	-	5
1967	207	5	2	1	-	8
1968	100	-35	3	-	-	3
1969	269	-0	1	1	-	2

Standard Grants - Approved by Council

Year	Less than £300	£300 -£ 400	£400-£500	Over £500	Total
1960	3	2	1	-	6
1961	2	3	7 -	-	5
1962	6	3	3 -	1	10
1963	3	3	1	1	8
1964	2	-	1	-	3
1965	1	3	1	2	7
1966	200	-	1	-	1
1967	4	-	0 -	-	4
1968	1	1	1	6	9
1969	3	-	1	6	10

PEMEROKE PERAL DISTRICT COUNCIL

HOUSING STATISTICS

Discretionery Crants (Approved Expenditure)

Tot	Over E2,000	£1,500-£2,000	£1,000-£1,500	2500-21,000	
		.5		13	I
					2
	-		9		
	-		-		
	-				-
		-			
				-	-

Standard Grants - Approved by Council

Total	Over 2500	5700-5500		Less than £300	
	-		2	Ε.	1960
		-		2	1961
	1				1962
					1963
				2	
7				1	1965
	-	-	-	4	
					1969
					LOCT

PEMEROKE RURAL DISTRICT COUNCIL

HOUSING STATISTICS

Unfit Houses

Year	Number Demolished or closed	Number later completely modernised
1960	5	2
1961	15	6
1962	15	5
1963	8	-
1964	15	-
1965	14	4
1966	15	3
1967	6	-
1968	15	-
1969	30	-

Properties improved without a Grant

Year	Number improved without a Grant
1960	6
1961	7
1962	3
1963	4
1964	2
1965	14
1966	8
1967	8
1968	8
1969	10

HOUSING STATISTICS Unit Houses

Number later completely modernised	Number Demolished or closed	
2		1960
	15	
5		
-		
-		
	15	
	9	
-	15	1968
-0.5		

Properties improved without a chronout

Number improved without a	
8	

FACTORIES ACTS 1937 and 1961

Inspections

Premises	No. on Register	Inspections	Notices	Prosecutions
(i) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authority.	1	1	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by Local Authority.		32	tuntions and wa and,	-
(iii) Other premises in which Section 7 is enforced by Local Authority (excluding Outworker's premises).	Pinn II	p and describe	properties	-
TOTALS:	20	33	Operations.	

SLAUGHTERHOUSES

The Meat Inspection Regulations 1963

Strict compliance in accordance with the above regulations was effected through the year and 100% inspection was made at the private slaughterhouse within the district.

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	104	-	-	524	151	-
All diseases, except Tuberculosis and Cysticercosis						
Whole carcases condemned: Carcases of which some	ma to be	last p	galab t	-	-	-
part or organ was condemned	: 36	-	_	41	12	-
Tuberculosis only:	-	-	-	-	-	-
Cysticercosis:	-	-	-	-	-	-

PACTORIES ACTS 1937 and 1961

				Inspections
Proposition	Bookfoll	Inapportions	o. on .o	
				(1) Pactories in which
**	-		Ţ	Sections 1,2,3,4 & 6 are to be enforced by Local Authority.
	-			(ii) Factories not included in (i) in which Section 7 is enforced by Local Authority.
. // **	-			(111) Other premises in which Section 7 is enforced by Local Authority (excluding Outworker's premises).
	-	33	20 -	: BIATOT

SLAUGHTERHOUSES

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Hors		Sheep famil		<u>Gova</u>	OLITA Excluding cows	
	151	524				
						Alacananth IIA akaculantadur Jusaxa and Ovetloercosis
	212	200	-	**	-	Whole carones condemned:
	12	41	44	-	36	Carceses of which some part or organ was condemned:
-	***	100	-		-	Tuberculosis only:
200				-	**	Cystleercosis:

PUBLIC HEALTH NUISANCES

No. of complaints received	39
No. abated by formal action	4
No. abated by informal action	33

RODENT CONTROL

Control and service of agricultural and business premises remained with a pest control company, and as far as is known, a satisfactory situation obtained.

Sewerage works, refuse tip and domestic properties continue to be treated by a part-time operator.

CARAVANNING AND CAMPING

For the second year, a joint meeting was held between members of the Council and Caravan Site Operators. Undoubtedly these meeting lead to greater understanding and co-operation, and all sites maintained a relatively high standard.

As a result of previous known demand for touring pitches, a concession was granted to all sites with available space, subject to a maximum of ten pitches. Generally speaking the scheme was highly successful, although several unauthorised sites sprang up during the peak period due to the lack of licensed accommodation. As a result, it was decided to make additional touring accommodation available during 1970.

The Pembrokeshire County Council confirmed its intention to set up a touring site at Carew, the site being able to accommodate 50 caravans.

Tented camping appeared to be less popular than usual, and this trend is undoubtedly influenced by the vagaries of the average summer.

PUBLIC HEALTH NUISANCES

No. of complaints received 39
No. absted by formal action 33
No. absted by informal action 33

RODENT CONTROL

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MILK SUPPLIES

Routine Brucella sampling continued to be undertaken by the County Weights and Measures Department, and this system also eliminated unnecessary duplication of effort.

Herds so affected were immediately controlled by Pasteurisation Orders.

Number of milk samples 65
Number of milk samples ring test positive 2

At the end of the year 3 pasteurisation orders remained in force.

WATER SUPPLIES

As in previous years, the bulk of samples were taken routinely by the County Water Board. Details of all samples are as follows:-

Number of Samples taken:

373 Bacteriological of which 22 were initially unsatisfactory. Chemical - Nil.

OFFICES SHOPS AND RAILWAY PREMISES ACT, 1963

Routine inspections continued with little or no problem existing, the vast majority of premises being small family businesses.

REFUSE COLLECTION AND DISPOSAL

The volume of refuse collected continues to increase at an alarming rate, making forward calculations impossible. Indeed, original predictions that the new tip had a life expectancy of 20 years already appears to have been overoptimistic.

LITTER COLLECTION

A full coverage of the coastal areas and most villages was provided by means of a Land Rover. During the peak period it became necessary to empty litter bags twice and often thrice daily, and the service will undoubtedly be continued and probably expanded.

MILK SUPPLIES

Routine Brucella sampling continued to be undertaken by the County Weights and Measures Department, and this system also eliminated unnecessary duplication of effort.

Herds so affected were immediately controlled by

Mumber of milk samples ring test positive 2

At the ond of the year 3 pasteurisation orders remained in forces.

WATER SUPPLIES

As in previous years, the bulk of samples were taken routinely by the County Water Board. Details of all samples are as follows:-

Mumber of Samples taken:

373 Bacteriological of which 22 were initially unsatisfactory. Chemical - Mil.

OFFICES SHOPS AND RAILWAY PREMISES ACT, 1963

Routine inspections continued with little or no problem existing, the west rejority of premises being small family businesses.

REFUSE COLLECTION AND DISPOSAL

The volume of refuse collocted continues to increase at an alarming rate, making forward calculations impossible. Indeed, original predictions that the new tip had a life expectancy of 20 years already appears to have been over-optimistic.

LITTER COLLECTION

A full coverage of the constal areas and most villages was provided by means of a land Rover. During the peak period it became necessary to capty litter bags twice and often thrice daily, and the service will undoubtedly be continued and probably expanded.

AIR POLLUTION

The following tables give the monthly and annual averages of smoke and sulphur dioxide pollution of the atmosphere as monitored at Observer Post, Ridgeway, Carew; Cosheston; and Kilpaison Burrows, Rhoscrowther during the past two years.

The literature on sulphur dioxide pollution of the air gives the concentration which can be tolerated by the average person as follows:-

24 hour average in micrograms/m³ 150 - 300 - 500 percentage frequency/year 50.0 - 2.0 - 0.3

When the above figures are compared with those for the Rural District it will be apparent that at no time is there a hazard to health.

The data which is being recorded is obviously essential to provide a base line to compare the level of pollution when the Pembroke Power Station is operational.

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Observer Post, Ridgeway, Carew
Situate 7 miles East by South of Pembroke Power Station

Period	Units micrograms/m ³							
	Sı	moke	1968	Sulphur Dioxide	Sulphur Dioxide			
	1968	1969	1968	1969	1968	1969		
January	5	2	33	7	0.15	0.29		
February	12	8	33	14	0.36	0.57		
March	5	17	25	31	0.20	0.55		
April	4	7	19	16	0.21	0.44		
May	3	2	18	10	0.17	0.20		
June	4	4	18	15	0.22	0.27		
July	3	1	17	9	0.18	0.11		
August	4	2	19	9	0.21	0.22		
September	3	4	8	9	0.38	0.44		
October	3	6	6	8	0.50	0.75		
November	10	3	15	5	0.66	0.60		
December	10	4	17	6	0.59	0.66		
Average for year	5.5	5	19	12	0.29	0.42		
Highest for 24 hours	45	48	94	64	0.48	0.70		
Lowest for 24 hours	0	0	0	6	0	0		

Observer Post, Ridgeway, Carey
Situate 78 miles East by South of Pembroke Power Station

3	n/annago	Portod				
			B C	esto	Sm	
1969						
0.29	0.15					Jenuary
0.57	0,36			8		
0.55			25	7.7		
		91				April
						Nay
0,27						
			7.7	Ţ		July
77.0				4		
0.75						
	0,66					
	0.59					
					5.5	Average for year
0,70	0.48					
0				0		Lowest for 24 hours

Cosheston School, Cosheston

Situate 5 miles East by North of Pembroke Power Station

Period	Units micrograms/m						
Parket	Smok	e		Sulphur Dioxide	Smoke Sulphur Dioxide		
	1968	1969	1968	1969	1968	1969	
January	4	5	23	14	0.17	0.36	
February	18	10	28	20	0.64	0.50	
March	12	25	25	31	0.48	0.81	
April	6	6	26	15	0.23	0.40	
May	5	3	21	11	0.24	0.27	
June	5	5	26	15	0.19	0.33	
July	5	2	22	9	0.23	0.22	
August	6	3	21	10	0.29	0.30	
September	4	7	16	8	0.25	0.87	
October	5	8	15	13	0.33	0.62	
November	12	5	20	17	0.60	0.29	
December	11	7	21	13	0.52	0.54	
Average for year	7.75	7	22	15	0.35	0.46	
Highest for 24 hours	50	49	116	62	0.43	0.80	
Lowest for 24 hours	0	0	0	0	0	0	
Towart for 24 tests		0	0	0	0	9	

Compaston School, Commander Station

	E 10	icrogram	u adinU				- Andread
1		Sulphur Sulphur	Lphur oxide		60	Smol	Period
1	1969		1969	1968	1969	8961	
		0,17					January
	0.50	99.0		28		3.8	February
	18.0	84.0					berch
1	07*0	0.23					
	0.27	0,24		21		5	
	0.33	0.19	15				June
	0,22	0.23	6	22		5	July
	0,30				3		Jacqua .
	0.87			1.6			September
	0.62			15			October
	0.29	03.0					Hovember
	0.54	0,52	13		7	11	December
		0.35			75 7	.4.	Average for year
-	08.0	0,43					
		0				0	Lowest for 24 hours

Kilpaison Burrows, Rhoscrowther

Situate 3 miles West by South of Pembroke Power Station

Period	Units micrograms/m ³								
rgriod	Smok	ce		ohur cide	Smoke Sulphur Dioxide				
beaches,	1968	1969	1968	1969	1968	1969			
January	18	2	40	12	0.45	0.17			
February	15	8	38	24	0.39	0.33			
March	10	18	28	40	0.36	0.45			
April	5	5	19	15	0.26	0.33			
May	3	3	22	13	0.14	0.23			
June	4	4	39	17	0.10	0.23			
July	4	1	24	9	0.17	0.11			
August	5	2	29	10	0.17	0.20			
September	3	5	11	17	0.27	0.29			
October	3	6	11	18	0.27	0.33			
November	9	3	23	14	0.40	0.21			
December	12	5	20	21	0.69	0.24			
Average for year	7.5	5	25.5	18	0.31	0.28			
Highest for 24 hours	43	41	94	88	0.46	0.47			
Lowest for 24 hours	0	0	0	0	0	0			

Kilosison Burrows, Rhoserowther Situate 3 miles West by South of Pembroke Power Station

	Em	icromoms	m edinU				1
	Sulphur Dioxide		Tin	Sulpi		Smoles	Period
	1969	1968	1969	1968	696	1968 1	
	0.17	0.45	12				Jamesy
	0,33				8		February
	0.45	0,36			1.8		March
		0.26	15	51	5	5	LiraqA
	0.23	0.14	13				May
	0,23	0.10			4		June
	0.11	0.17			1		July
	0.20	0.17					JanguA
- (0.29	0,27	- 177	11		3	Soptember
	0.33	0.27		1.1			
	0,23	04.0		23			November
	0.24	69.0	21	20			December
	0.28	0.32		25.5		7.5	
		0.46			L2		
	Towns Live a						

OIL POLLUTION

Once again, westward facing beaches were subjected to a continual pollution from oil and oily waste discharged at sea, making normal usage of these beaches by the public difficult, particularly on the high tide line and on pebbly beaches.

Unfortunately, there can be no economical solution, unless it be by prevention, which would need to be proceeded by international public outcry.

Spillages continue unabated in the Milford Haven Waterway, though an ever efficient control service prevented serious contamination of amenity beaches and foreshore.

Details of harbour spillages are as follows:-

Ships 52 Jetty 6

Unattached pollution 16

Attributable 7

Unattributable 9

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