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Contributors

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BOROUGH OF POOLE

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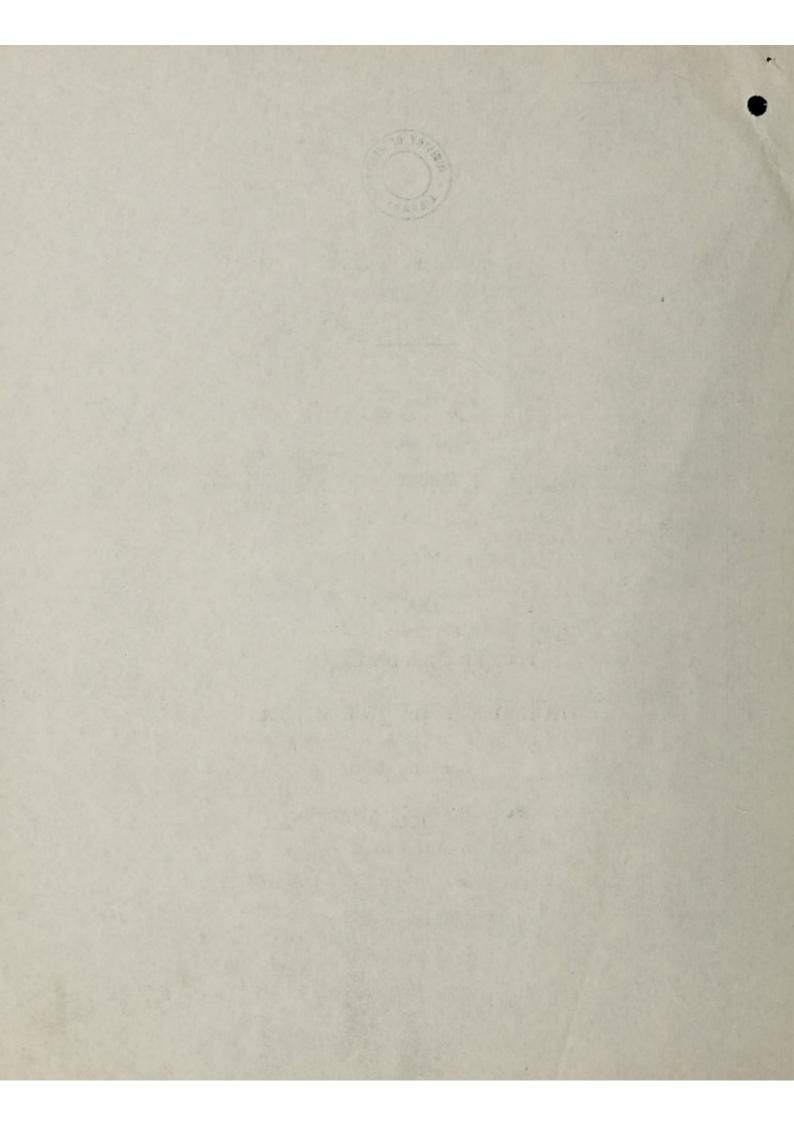
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PORT MEDICAL OFFICER

On the health of the Port of Poole

For the Year

1959



PUBLIC HEALTH COMMITTEE, 1959

(acting as Port Health Authority)

Chairman:

Alderman D.A. HAYNES, J.P.

Vice-Chairman:

Councillor MRS. A WILLIS

Aldermen:

S.D. BALLAM G. BRAVERY J. BRIGHT, J.P. A.B. HAYNES, J.P.

Councillors:

G.P. ADAMS
H.R.D. BAILEY
MRS. J.D. COLES
G.F.L. DRUDGE

R.C. HART
MRS. E.M. HICKINSON, J.P.
J.Q.E. MEARS
H. WHITE

Officers of the Authority

Clerk to the Port Health Authority:

J.G. HILLIER, Town Clerk

Medical Officer of Health:

JAMES HUTTON, M.D., D.P.H.

Deputy Medical Officer of Health:

D.S. PARKEN, M.B., B.S., M.R.C.S., L.R.CP., D.P.H., D.C.H.

Port Health Inspector:

ROBERT LEGGAT, F.A.P.H.I.

Deputy Port Health Inspector:

C.B.T. GLOVER, M.A.P.H.I.

Rodent Officer:

G.W. SKEGGS

Senior Clerk: J.WAY

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Vice-Chairman:

Councillor Mrs. A Williams

Alderson v

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J. BRIGHT, J.P.

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E.H.D. ADAMS

E.H.D. BAILER

RHS. J.D. COLES

RHS. J.D. WEARS

O.E. E. ORIEDOR

H. WHITE

District to Fort Sealth authority

J.O. HILLIER, Town Clerk

Medical of Pacifics of Haulton.

B.S.G., D.W. MOTTON EVENT

Deputy Medical Officer of Roalting

D. J. P. S. G. . S. S. J. S. J. S. J. S. J. S. S. . H. N. WESTAY. C. R.

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ROBERT LEGGAT, F.A.P.H.I.

Doguey Fort Region Inspectors

C.B.T. GLOVER, M. K.P. B. I.

PRODUCTION ASSESSED

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To the Chairman and Members of the Public Health Committee, acting for the Port Health Authority.

I submit for your information and consideration my Annual Report as Port Medical Officer of Health for the year 1959.

The report is made in accordance with Article 12 (4) of the Public Health Officers (Port Health Districts) Regulations, 1959. As a result of the Public Health (Ships) Regulations, 1952, the Minister of Health kxx reviewed the form and scope of the Annual Reports of Medical Officers of Health and in Port Form 20 enclosed with Circular 33/52 dated 6th November, 1952, he prescribed the form and sequence which the reports should follow.

One requirement of the Minister is that the information required by Sections 1, V, VI, VIII, XIV, XV, and XVI (all marked with asteries) need only be given in full every fifth year and for the intermediate years only the changes which have occurred during the year covered by the report need be included. The full information required in these sections is set out in the annual report for 1955 and therefore this year only changes are recorded.

In presenting this report I have pleasure in taking the opportunity of expressing my thanks to the Harbour Master, Captain C.H. Horn, and the Officers of H.M. Customs for their ready co-operation and help during the year, and to the Port Health Inspector, Mr. R. Leggat and his Deputy, Mr. C.B.T. Glover, for their willing assistance and interest in the work.

Yours faithfully,

JAMES HUTTON,

Port Medical Officer of Health

ingulations, 1982, the Minister of mealth han reviewed the of the report need to included. The full lat or been droger end to troper to the annual report toring the opportunity of expression of themse to the Enrhour waster, Captain C.B. Europer of H.B. Custown ton their their the year, and ton the Fort their to-operation and hole during the year, and to to the Fort Health Inspector, Mr. B. Legget and his Daputy. . N THE W CHIE MAI Yours Intellig. Pedrusey, 1900.

THE PORT OF POOLE

Constitution of the Port Health Authority

By an order of the Local Government Board dated 21st September, 1887, and an amending order dated 27th February, 1909, a Port Sanitary Authority was constituted to exercise the powers and functions assigned by the Order.

The style "Port Sanitary Authority" was changed to Port Health Authority" in 1936.

The Port Health Authority is the Mayor, Aldermen and Burgesses of the Borough, acting by the Council.

Limits of Jurisdiction

The present limits of jurisdiction were fixed in 1909, as follows:

"The jurisdiction of the said Port Sanitary Authority shall extend to all that part of the said Port of Poole aforesaid which lies to landward of a line drawn from the seaward extremity of the eastern boundary of the Borough of Poole to the seaward extremity of the headland known as Standfast Point; together with the waters of the said part of the Port and all docks. basins, harbours, creeks, rivers, channels, roads, bays and streams whithin that part of the said Port, and the place or places which may from time to time be appointed as the Customs Boarding Station or Stations for that part of the said Port, and the place or places for the time being appointed for the mooring or anchoring of ships for the said part of the said Port under any regulations for the prevention of the spread of diseases issued under the authority of the Statutes in that behalf, and for the purposes of any such Regulations as aforesaid, shall also extend to any ship which in pursuance thereof, or of any directions given thereunder shall be moored or anchored at the place appointed thereunder as aforesaid, or which shall be on its way thither. "

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submortly of the Statutes in that behalf, and for the purposes of any such Regulations as aforesaid, shall slap extend to shy only witch in pursuance thereof; or of any directions given

therements as of oregaid, or which shall be on its war thicker.

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Port Facilities

Poole is chiefly a cargo port and its trade is mainly carried on with other British ports and those on the coasts of France, Belgium, Holland and Germany.

During the Summer season the port is the base for pleasure boats operating between local seaside resorts and this is the only passenger traffic.

Fishing is still carried on from the port but is chiefly confined to inshore trawling for flat-fish. The shellfish industry continues and is dealt with in Section XIV of this report.

The public quay accommodation consists of 3,000 feet frontage, i.e.

Hamworthy Quay, 500 ft. at 15 ft. ordinary tide.

Town Quay 1,000 ft. at 16 ft. ordinary tide.

1,000 ft. at 15-10 ft. "

500 ft. shallow berthing for yachts.

All the public quays are served by railways.

At present the Harbour Commissioners are building a new jetty at Hamworthy for the accommodation of tankers. It will be 270 feet in length with 15 feet depth at ordinary tides and it will be in operation in 1960.

Unloading equipment at the port consists of 7 travelling cranes, 3 mobile cranes and three coal transporters.

There are 9 ship- and boat-yards for the building and repairing of ships.

There is in the harbour an extensive safe anchorage. The depth of the water at the Harbour Bar is 13 feet at low water springs and the range varies from about 7 feet at springs to a few inches at neaps. Both the flood and ebb tides run at about three-quarters of a knot at the Bar. At the Haven entrance the maximum is $4\frac{1}{8}$ knots with about $3\frac{1}{2}$ knots for Brownsea Roads, while in the rest of the harbour 2 knots is seldom exceeded.

The telegraphic address of the Port Health Authority is registered as "Portelth Poole".

Pools is objectly a cargo part and its trade is mainly carried on with object Eritish ports and those on the cousts of France, Esigium, Holland and Corneny.

During the Summer assess the part is the base for all this and this places traffic.

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Heamorthy Quay, 500 ft. at 18 ft. ordinary tide.
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All the public quere are served by railways.

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delicated & mobile transa and three coal transporters.

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The telegraphic address of the Port Health Authority

Address and telephone number of the Medical Officer of Health:

Office: Public Health Department,

Municipal Buildings, Poole.

Poole 393.

Home: 23, Pearce Avenue,

Parkstone, Poole. Parkstone 4140.

* I. Staff. No change.

II. Amount of Shipping Entering the Port During the Year

Table B

Ships from			Number	Inspected	Number of Ships reported as
	Number Tonns	Tonnage	By the Medical Officer of Health	By the Port Health Inspector	having had, during the voyage, infectious disease on board.
Foreign Ports	173	45,165		166	N11
Coastwise	996	320,893	-	128	N11
Total	1169	366,058	-	294	N11

b Does not include yachts.

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) III. Character of Shipping and Trade During the Year.
Table C

Cargo Traffic.

Principal IMPORTS - Herring meal, wheat, timber, potash,
Nitra-shell, fertilizer, Denkavit, ground-nut extractions,
Milo, crushed oyster shell, cotton-seed expeller and
extractions, insulating and building board, onions,
maize, wood-pulp, sugar beet, seed potatoes.

Principal EXPORTS - Caravans, caravan equipment and fittings, ball clay, spent oxide, coke breeze, scrap iron, English barley, metallic manufactures and glassware.

Principal ports from which ships arrive:
Antwerp, Rotterdam, Bremen, Eire, Ymuiden, Hamina, St. Malo,
Koska, Ghent, Amsterdam, Hamburg, Brest, Frederiksund, Lisbon,
Caen, Channel Isles and other North French coast and
Scandinavian ports.

IV. Inland Barge Traffic

There is no inland barge traffic in the port.

Wy. Water Supply

1. Source of supply for the district and shipping.

The water supply for the port and shipping is that from the town mains provided by the Poole Waterworks Undertaking from hydrants on the quay. It is a chlorinated water of high bacterial purity.

2. Report of Tests for Contamination.

The general supply was sampled every two or three days through the year and every sample was reported as Class I "highly satisfactory". During the year 84 samples of water were taken direct from the quay hydrants used for shipping. Of these 73 were reported as Class I, two as Class II, one as Class III and eight as Class IV. As the mains supply was beyond suspicion the unsatisfactory results were most certainly due to surface water contamination of the hydrant boxes. After cleansing and disinfection of hydrants, subsequent samples were reported as satisfactory.

19 samples of water were taken for bacteriological examination from ships supplies. Of these, 16 were reported as Class I, one as Class II and two as Class IV. The owners of the ships with the unsatisfactory samples were notified and arrangements were made for the tanks to be sterilised. Check samples will be taken

on their return to this Port.

CITY. Character of Entipping and Trade During the Year.

Cargo Finfile.

Frincipal INFORMS - Herring, meal, wheat, timber, potent.

Sitra-shell, tertilizer, Cenkeyil, ground-nut extractions,

Itle, orushed opster shell, cottom-seed appeller and

extractions, insulating and building board, calons.

mains, wood-pale, seed building board, calons.

Principal Harpara - Carevana, carevan equipment and filtings, ball cist, apent oxide, come brosse, sorep iron, English barley, detailed constants and glassware.

Animorp, Rotterdam, Bromen, Mire, Maniden, Hasine, St. Malon, Roste, St. Malon, Roste, St. Malon, Roste, Stema, Stema, Basterdam, Hamburg, Brest, Frederikanno, Liebon, Champel leles and other Morth French comet and Bastelnavian ports.

17. Inland barge Traffic

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*V. Water Supply

I. Bourds of supply for the district and shipping.

The water supply for the part and chipping is that from the tool and animal or chipping of the from hydrants on the query. It is a chippington water of high bacterial partty.

2. Report of Yests for Coptamination.

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ATHREST OF THE PROPERTY OF THE

3. Precautions taken against Contamination of Hydrants and Hosepipes.

All water hydrants on the quays are fixed in boxes at ground level, and it is impossible to keep the boxes free from contamination by road surface water. At the beginning of the year an experimental type of pillar standpipe was erected at the eastern end of the main quay and it has proved completely satisfactory. It is hoped to replace the remaining hydrants with this new type of pillar hydrant, in due course. In the meantime, instructions have been issued that all hydrants must be cleansed, flushed and disinfected before use.

4. Number and Sanitary Condition of Water Boats, and power of Control by the Authority.

No water boats were in use in the harbour during the year.

* VI. Public Health (Ships) Regulations, 1952.

No change.

VII. Smallpox

1. Name of Isolation Hospital to which smallpox cases are sent from the district.

Crabwood Smallpox Hospital, Nr. Winchester, Hants.

2. Arrangements for transport of such cases to that hospital.

Transport of smallpox gases would be carried out by the Ambulance Service of the Dorset County Council operating from the Poole Ambulance Depot.

The vaccinal state of the 14 ambulance personnel at this depot is that 12 were vaccinated in 1959 and two excused vaccination.

3. Name of smallpox consultant available.

Dr. A.F. Turner, County Hall, Dorchester.

4. Facilities for laboratory diagnosis of smallpox.

Suspected material is sent to:

Dr. F.O. MacCallum,
Virus Reference Laboratory,
Central Public Health Laboratory,
Colindale, London, N.W. 9.

Tel. No. Colindale 6041.

level, and it is impossible to keep the boxes from conan experimental type of piller standpipe was erected at the eastered of the main quer and it has proved equalities attackery. or piller byirant, in due course. In the meantime, instructions hom bedaufi . becamelo od same asosabyd lis dans became mend even . One wroled besechminish 4. Further and Santtary Conficted of Mator South, and power of Control by the Authority. "VI. Public Health (Ships) Regulations, 1958. No obstage. Maglions .IIV ers acess malifers daline of latingers coldefort to cost wi .Jobutalo old mont dies. and of the sand the s Last door said of teams for the or the or the bound of the blant houghtal. . local sanaludes alook South a his de farmerand constitues of car to misse Indicaev on a station of sasilogs consultant by well at in A.F. Turber, County Hall, corchestor. BE. M.C. MacCallum. Collaratio, London, s.F. 9: Tel. Ro. Colindate 6041.

*VIII. Venereal Disease

No change.

IX. Cases of Notifiable and other Infectious Diseases on Ships
Table D

Category	Disease	Number of c	Number of ships	
the Pers Realth A	es Anne es e	Passengers	Crew	concerned
Cases landed from ships from foreign ports	Nil	Nil	Nil	Nil
Cases which have occurred on ships from foreign ports but have been disposed of before arrival	Nil	Nil	Nil	Nil
Cases landed from other ships	Nil	Nil	Nil	Nil

X. Observations on the occurrence of Malaria in Ships.

XI. Measures taken against Ships infected with or suspected for Plague.

None necessary.

XII. Measures against Rodents in Ships from Foreign Ports.

Poole is a "Designated Approved Port" for the issue of Deratting Certificates and Deratting Exemption Certificates in accordance with Article 17 of the International Sanitary Regulations, 1951, and Articles 19, 20 and 21 of the Port Health (Ships) Regulations, 1952 are enforced in the Port. Both the Port Health Inspector and the Deputy Port Health Inspector have been trained in deratisation procedure.

VIII. Venered Discose

No change.

IX. Cause of Robitiable and other Infections Discause on Ships

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			Disease	
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	128	110	121	Casso which have a chips constructs for the bean contract of the bean contract.
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x. Observations on the occurrence of Malaria in Ships.

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Ai. Hearn's teken against ships inforted with or suspected

Wone necessary.

ATT. Measures against Redents in Chips from Foreign Ports.

Fools is and foresting Examples of the issue of Derecting Exampting Certificates in the Senting Exampting Certificates and Derecting Exampting Certifications with Articles 17 of the Intermediations, 1981, and Articles 19, 80 and 81 of the Fort Health (enigh) Regulations, 1982 are enforced in the Fort Health Intermediation and the Deputy Fort Health Intermediation and the Deputy Fort Health Intermediation or derection procedure.

- 1. During routine inspections of ships by the Port Health Inspectors, masters and crew are interrogated as to the presence of rats and the ship in general and the crew's quarters in particular are examined for evidence of infestation. Where evidence is found or suspected a detailed search of the ship (including the holds) is made by the Rodent Officer who endeavours to secure one or more rats for bacteriological and pathological examination. Whenever a Deratting or Deratting Exemption Certificate is found to be out of date or a certificate is needed, a detailed inspection and search of the ship is carried out jointly by the Port Health Inspector and the Rodent Officer before a certificate is issued or renewed. A similar procedure is adopted before the issue or renewal of Rodent Control Certificates for coastal ships.
- 2. Bacteriological and pathological examinations of rodents are carried out by the Public Health Laboratory, Bourne-mouth, (Director G.J.G. King, M.B., B.Ch.). In no instance were rats found on a ship inspected in the port during the year.
 - 3. Small infestations of rats on ships are dealt with directly by the Rodent Officer, using standard trapping and baiting methods. Major infestations requiring large scale fumigations are carried out by one of the commercial contractors on the Authority's list, the arrangements being made direct by the owners or agents.
 - 4. The Port Health Inspectors work in close liaison with the ship designers and ship builders in the area to secure proper rat-proofing in the ships built in the Port. Very few opportunites arise for the improvement of structures of other ships owing to their very short stay in Port.

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Hard the select officer, using stantant trapping and builting by the select officer, using stantant trapping and builting take select the selections requiring large sententians for the contractors on the Authority a line, the strangements being side direct by the outers or usents.

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Rodents destroyed during the year in ships from foreign ports

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Category	Brown rats Species not known Sent for examination Infected with Plague

The number of rats destroyed during the year in warehouses, etc. on the Quays was 88.

Table F

Deratting Certificates and Deratting Exemption Certificates issued during the year for Ships from Foreign Ports

1	No. of Deratting	Certific	Cartificates Issued	à	Number of	Total
After fun	nigation with	_			Deratting	Certificates
H.C.N.	Other Fumigant	After	After		Exemption	Issued
	(State Method)	Trapping	60	Total	Certificates	
			- 4		Issued	
1	23	10	4	5	. 9	7
N11	Nil	N11	N11	N11	. 16	. 16

Rodent Control Certificates

No Rodent Control Certificates were issued during the year.

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XIII. Inspection of Ships for Nuisances

Table G Inspection and Notices

	Result of Serving Notices	Abated 15 Outstanding when ship left 13		Ship sailed - owners notified	ASTA TARREST OF THE PARTY OF TH		Abated 15 Outstanding 14
Served	Other	28	gano gano il be loci o	1		1	58
Notices	Statutory	N11	24 0	for he			•
	Nature and number of inspections	Routine Inspections 294	Re-Inspections 98	Re water supplies 2	Infectious	Searches by Rodent Officer 16	Total 410

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*XIV. Public Health (Shellfish) Regulations 1934 and 1948

The shellfish industry is at present mainly confined to cockles, periwinkles and whelks, and only on a relatively small scale. The shellfish are taken from the southern and western portions of the harbour as the eastern and northern portions are subject to intermittent pollution from the sewer overflows during heavy rainfall. As a result of this, the Southern Sea Fisheries Committee has made Regulations prohibiting the removal of shellfish for human consumption from these areas unless the shellfish are re-laid in the "Clean" areas for a specified time, or subjected to an approved cleansing treatment. It is essential that the members of the public should be aware of the necessity for complying with this Regulation and warning notices have been erected, but it is difficult to ensure that the seriousness of the matter is impressed on visitors.

During the last few years research has been carried on with a view to reviving the oyster industry in the harbour. Two companies have now been formed and are in operation. Large numbers of oysters have been laid in special beds and appear to be thriving and it is hoped to commence the commercial sale of the oysters in 1960. Although the oysters are all laid in waters which are generally pure, they will be subjected to an approved treatment before sale as an additional precaution. To attain this, a special cleansing station using ultra-violet light for sterilizing purposes, has been built at Hamworthy. After the oysters have been subjected to this treatment they should be perfectly safe for human consumption. Regular and frequent inspections of the plant and bacteriological sampling of the oysters will be carried out by this Department.

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Results of bacteriological examination of shellfish obtained from Poole Harbour in 1959

	T	Г.			
Total	Oysters	Periwinkles	Mussels	Cockles	Shellfish
19	10		44	cn cn	No.of Samples
4	in co	She bew seeple	1	CA	Clas Satis O Satis O faecal coli per 1 ml.of shellfish
13	8		C4	N	factory 1-5 faecal coli per 1 ml.of shellfish
1	1	,	•		Class II Suspicious 6-14 faecal coli per 1 ml. of shellfish
1	1	1	-	,	Class III Unsatis- factory 15 or over faecal coli per 1 ml. of shellfish
•	16	-12-	1	3	Maximum number of faecal coli per 1 ml. of shellfish in any sample

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the state of the s	deliffed	Cockias	Minesia	Perlalakles	Oysters	InloT	
Commonwealth and	To of samples	0	4		To	170	
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	Lion Jacobs Tron Jacobs Mainties	93	40		2	4.5	
	Manager II and Silve I and Sil		,	,	7	ч	
	Tractory Tra		,	1	I	7	
	1777	2	T	,	10	1	

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XV. Medical Inspection of Aliens

Not applicable.

XVI. Miscellaneous

No change.

Pollution of the Harbour

The waters of Poole Harbour are subject to intermittent sewage pollution from various sources. It is believed that a good deal of the pollution comes from Poole Bay which receives the sewage from the three towns on its shores. Schemes are already in operation which will eventually eliminate discharge of effluent into the bay.

The first stage of the Poole scheme is the diversion of the sewage of the Old Town and Longfleet areas - with a population of about 6,000 - to the new sewage disposal works at Broadstone. This stage has been completed though the actual diversion

of the sewage has not yet taken place.

The second stage is the complete sewering of the Hamworthy area - with a population of about 6,500 - the closing of the Hamworthy sewage disposal works and the diversion of all sewage to the Broadstone works. This stage is now nearing completion and should be in operation early in 1960.

No difficulties were encountered with regard to chemical pollution of the harbour.

EV. Medical Inspection of Allens
Not applicable.

EVI. Wiscollansons
No change.

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DISEASES OF ANIMALS ACTS

The Port Health Inspectors are also Inspectors under the Diseases of Animals Acts. All ships from abroad are inspected in order to ensure that the requirements of the Acts are complied with. During 1959, detention notices were served on the Masters of 21 ships with regard to 12 dogs, 1 cat and 8 budgerigars and parrakeets. There were no contraventions of the Acts.

SICKNESS AND INJURIES

Six cases of minor injury and sickness were reported on ships arriving in the port and all received suitable treatment.

Two ships were sprayed after a case of ringworm and infestation by fleas.

CLEAN AIR ACT

The Dark Smoke (Permitted Periods) (Vessels) Regulations, 1958 were made under the Clean Air Act, 1956, but it is generally agreed that they are very difficult to apply unless the ships are anchored or tied up. During the year only two nuisances were found, both of a temporary nature, and they were abated after consultation with the Masters and engineers.

DISAMBLE OF AUTHAUS ACTS

The Paragraph of Animals Acts. All ships from shroad are the Diseases of Animals Acts. All ships from shroad are the Diseases of the Acts the Acts the Acts the Acts of the Acts and the Compiled with. During 1959, detention notices were served on the Easters of 21 ships with regard to 12 dogs, I sat and 8 bediefigers and paragraphs. There were no contraventions of the Acts.

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1988 were made under the Clean Air Act, 1986, but it is generally agreed that they are very difficult to apply unless the apipe are sendered or tied up. During the year only two nelections were found, both of a temporary nature, and they were abated after commitment of a temporary nature, and they were abated after commitment of the Heaters and engineers.