Site: New Bedford
Break: 7.7
Other: 51900

127. Mass. DPH, 10/20/82
Table 1, "PCB Levels Found in Lobsters from New Bedford Harbor Area 3".

128. Mass. DPH, 12/06/82
Table 1, "PCB Levels Found in Lobsters from New Bedford Harbor Area 3".

129. Mass DPH, 12/06/82
Table 1, "All Sampling Results for Lobster PCB Levels in Inner and Outer Area 3 Sites (October 1979 - Present)".

130. Mass. DPH, 12/06/82
Table 2, "Lobster PCB Levels (ppm) in Inner and Outer Area 3 Sites (October 1979 Present).

131. DEQE, 05/23/77
"Special Analysis";
PCB Analysis of Fish (Buzzards Bay).

132. DEQE, 07/03/79
"Special Analysis";
PCB Analysis of Fish.

133. DEQE, 07/12/77
"Special Analysis";
PCB Analysis of Lobsters.

134. DEQE, 03/16/79
"Special Analysis";
"PCB Analysis of Lobsters (New Bedford Study).

135. DEQE, 03/25/82
"Special Analysis";
PCB Analysis of Wastewater from New Bedford WWTP.

136. DEQE, 03/25/82
"Special Analysis";
PCB Analysis of Sediment from New Bedford Harbor.

137. DEQE, 11/12/82
"Special Analysis";
PCB Analysis of Sludge from New Bedford WWTP.

138. DEQE, 10/09/81
"Special Analysis";
PCB Analysis of Sludge from New Bedford WWTP.

139 ~~393.~~ DEQE, 05/14/80
"Special Analysis";
PCB Analysis of Quahogs.

SDMS DocID 51900

140. DEQE, 06/10/80
"Special Analysis";
PCB Analysis of Soil, Fairhaven, MA, (New Bedford).

141. DMF, 04/30/80
"Analytic Chemistry Report";
PCB Analysis of Wastewater.

142. DMF, 05/08/80
"Analytic Chemistry Report";
PCB Analysis of Quahogs from Falmouth.

143. DMF, 05/29/80
"Analytic Chemistry Report";
PCB Analysis of Quahogs.

144. DMF, 05/20/80
"Analytic Chemistry Report";
PCB Analysis of Quahogs.

145. DEQE, 07/20/81
"Special Analysis";
Metal Analysis of Quahogs from Fall River Area.

146. DEQE, 07/13/81
"Special Analysis";
Metal Analysis of Sediments from Fall River Area.

147. DEQE, 04/28/77
"Special Analysis";
PCB Analysis of Finfish.

Oct . 1982

Table 1. PCB levels found in lobsters from New Bedford Harbor Area 3.

TRAP SITE	NUMBER OF LOBSTERS	COLLECTION DATE	DATE RECEIVED	PCB's IN COMPOSITE (PPM)
JJJ	2	8/31/82 9/29/82	8/31/82 9/30/82	2.2
KKK	2	10/1/82	10/4/82	1.9
LLL	2	8/15/82 8/27/82	8/25/82 8/31/82	5.7
MMM	2	9/16/82	9/16/82	2.2
RR	2	8/31/82	8/31/82	4.6
SS	2	9/14/82	9/15/82	6.1
TT	2	8/25/82	8/25/82	3.4
UU	2	10/1/82	10/4/82	2.5
VV	2	9/16/82	9/16/82	0.7
YY	2	8/25/82	8/25/82	2.1
ZZ	2	9/16/82	9/16/82	1.7
All Sites	22			
Average PCB's all sites				3.0

DPH Lab Data

Table 1. PCB levels found in lobsters from New Bedford Harbor Area 3.

TRAP SITE	NUMBER OF LOBSTERS	COLLECTION DATE	DATE RECEIVED	PCB's IN COMPOSITE (PPM)	
JJJ	2	10/14/82	11/5/82	5.0	[illegible]
KKK	2	10/21/82	11/5/82	3.2	1544
LLL	2	10/7/82	10/13/82	8.1	[illegible]
MMM	2	10/1/82 10/4/82	10/13/82	6.4	1546
RR	2	10/7/82 10/12/82	10/13/82	3.3	1547
SS	2	10/21/82 10/27/82	11/5/82	4.1	[illegible]
TT	2	10/4/82	10/13/82	6.1	1549
UU	2	10/14/82 10/21/82	11/5/82	2.1	1550
VV	2	10/12/82	10/13/82	2.7	[illegible]
YY	2	10/7/82 10/12/82	10/13/82	3.2	[illegible]
ZZ	2	10/12/82	10/13/82	2.9	[illegible]
All Sites	22				
Average PCB's all sites		DPH Lab Data		4.3	

Tal

All Sampling Results for ster PCB Levels in Inner and Outer Area 3 Sites (October 1979-Present)

	Inner Area 3 Sites											Outer Area 3 Sites				
	TT	RR	SS	LLL	MMM	JJJ	KKK	WW	AA	DD	All Sites	VV	UU	YY	ZZ	All Sites
	9.4	10.6	2.9	7.9	5.0	10.6	7.1	35.2	19.5	6.7		10.4	2.3	4.9	3.8	
	.4	.9	7.4	3.3	6.0	4.3	5.6	6.0	8.3			.5	15.3	3.2	3.4	
	1.6	1.2	2.3	2.0	4.7	5.4	.6	3.9	6.3			4.8	7.6	2.9	3.2	
	2.7	1.5	4.4	1.3	2.6	7.6	11.0	6.1				1.7	6.0	8.2	.5	
	5.9	8.8	2.8	8.1	0.5	3.2	3.8					4.1	.5	.9	.6	
	2.1	4.6	2.2	5.7	1.2	1.2	2.4					1.4	4.6	1.3	2.6	
	0.1	3.3	1.9	8.1	5.5	2.0	5.5					2.0	6.7	1.4	2.0	
	5.8		8.9		2.2	1.8	0.5					1.2	5.7	4.6	4.7	
	3.4		0.1		6.4	6.5	1.7					.4	1.4	0.7	.8	
	6.1		0.1			2.2	0.3					.7	1.1	0.7	1.2	
			1.3			5.0	6.5					2.0	2.1	0.8	4.9	
			7.4				1.9					1.3	3.3	5.5	1.9	
			6.1				3.2					.4	3.1	2.1	0.3	
			4.1									.3	1.0	3.2	3.5	
												3.9	.9		1.7	
												0.7	1.1		2.9	
												2.7	.3			
													4.1			
													0.4			
													0.5			
													0.3			
													4.6			
													2.5			
													2.1			
No. of Results	10	7	14	7	9	11	13	4	3	1	79	17	24	14	16	71
$\bar{X}$	3.8	4.4	3.7	5.2	3.8	4.5	3.8	12.8	11.4	6.7	4.8	2.3	3.2	2.9	2.4	2.7
N(%)≥5ppm	4(40)	2(28)	4(28)	4(57)	4(44)	5(45)	5(38)	3(75)	3(100)	1(100)	33(44%)	1(6)	5(21)	2(14)	0(0)	8(11%)

U.S. v. A... Document

Table 2

Lobster PCB Levels (ppm) in Inner and Outer Area 3 Sites (October 1979 - Present)

Sampling Period	Inner Area 3 Sites									Outer Area 3 Sites				
	JJJ	KKK	LLL	MMM	RR	SS	TT	$\bar{X}$ All Sites	N (%) ≥ 5ppm	VV	UU	YY	ZZ	$\bar{X}$ All Sites
Fall 1982	5.0	3.2	8.1	6.4	3.3	4.1	6.1	5.2	4(57%)	2.7	2.1	3.2	2.9	2.7
Summer 1982	2.2	1.9	5.7	2.2	4.6	6.1	3.4	3.7	2(28%)	0.7	2.5	2.1	1.7	1.8
Spring 1982	6.5	6.5	8.1	5.5	8.8	7.4	5.8	6.9	7(100%)	3.9	4.6	5.5	3.5	4.4
October/ November 1981	1.6	.8	2.2	.8	.9	.8	1.1	1.2	0(0%)	.7	.4	.7	1.1	.7
June 1981	-	-	-	-	-	8.9	5.9	7.4	2(100%)	2.0	4.1	4.6	-	3.6
Jan. 1981	3.2	-	-	-	-	2.3	1.6	2.4	0 (0%)	.9	.3	1.4	4.9	1.9
Nov. 1980	-	-	-	-	-	-	-	-	-	-	1.0	.9	1.0	1.0
July 1980	5.8	5.7	-	4.5	-	-	-	5.3	267%)	2.5	2.8	5.6	3.1	3.5
June 1980	-	3.1	-	-	-	4.7	-	3.1	0(0%)	1.1	3.3	3.2	1.9	2.4
Oct. 1979	10.6	7.1	7.9	5.0	10.6	2.9	9.4	7.6	6(86%)	10.4	7.8	4.9	3.8	6.7

Ref: #131

[illegible] Litigation Documents

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

PCB'S

BUZZARDS BAY

Collector: A-HOWE

Source A OTTER TRAWL, STONY POINT DIKE - - - - - - , FLUKE

Source B " , 2mi. SW of CLEVELAND LEDGE, TAUTOG

Source C " , " " " " " , SCUP

Source D " , " " " " " , W. FLOUNDER

Source E " , " " " " " , 4-SPOT

Source F " , " " " " " , CONCH AQBMIS

	A	B	C	D	E	F
Sample No.	543181	543182	543183	543184	543185	543186
Date of Collection	5/23/77					
Date of Receipt						
Analysis (LFS)	6/15/77					
PCB as 1254 mg/Kg	<0.01	0.12	<0.01	0.03	<0.01	1.11
423						
[illegible]	1414	1415	1416	1417	1418	1419

REMARKS:

[illegible]

Sea Robin P. carolinus
Little Skate R. erinacea

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis
PCB'S

BUZZARDS BAY

Collector: A. HOWE

Source A OTTER TRAWL, 1¼ mi. W.N.W. WEEPECHET ROCK - Squid
Source B " , " " " " " - WINDOW PANE
Source C " , 1½ mi. W.N.W. KETTLE COVE - SEA ROBIN ✓ AGEL.
Source D " , " " " " - W. FLOUNDER
Source E " , " " " " - LITTLE SKATE AGEL.
Source F " , " " " " - FLUKE

	A	B	C	D	E	F
Sample No.	543187	543188	543189	543190	543191	543192
Date of Collection	5/23/77					
Date of Receipt						
PCB AS 1254 mg/Kg	0.02	<0.01	0.04	0.06	0.11	<0.01
	1420	1421	1422	1423	1424	1425

REMARKS:

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

PCB'S

BUZZARDS BAY

Collector: A. HOWE

Source A OTTER TRAWL, 1½ mi. - W.N.W. KETTLE COVE, - SILVER HAKE

Source B " , " " " " , SCUP

Source C " , HORSE SHOE SHOAL, FLUKE

Source D " , " " , W. FLOUNDER

Source E " , " " , Squid

Source F

	A	B	C	D	E	F
Sample No.	543193	543194	543195	543196	543197	
Date of Collection	5/23/77	5/23/77	5/26/77	→	→	
Date of Receipt						
PCB AS 1254 mg/kg	0.01	0.15	0.04	0.02	0.30	
	1426	1427	1428	1429	1430	

REMARKS:

Ref # 1[illegible]

U.S. v. AVX Original Litigation Document

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering

Special Analysis

FAIRHAVEN

Collector: Menden & Packard

Source A Lower Little Bay - Shell Fish - Station #2

Source B " " " - " " - " #3

Source C " " " - " " - " #1

Source D " " " - " " - " #2 ?

Source E

Source F

46[illegible]
034[illegible]

	A	B	C	D	E	F
Sample No.	551391	551392	551393	551394		
Date of Collection	7/3/79					
Date of Receipt	7/3/79					
PCB as 1254 mg/kg LBW *	0.18	0.11	0.16	0.13		
[illegible] No.	1431	1432	[illegible]	[illegible]		

REMARKS: * LBW = Live Body Weight

Reported out 10/19/79

REF: #133

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

Cape Cod Canal

Collector: J. Fiske

Source A Pole #120, Station 3, Sample 3A - Lobsters

Source B " " " " " 3B - "

Source C " " " " " 3C - "

Source D " " " " " 3D - "

Source E " " " " " 3E - "

Source F

	A	B	C	D	E	F
Sample No.	543337	338	339	340	341	
Date of Collection	7/12/77					
Date of Receipt						
PCB #1254 mg/kg	0.32	0.13	0.06	0.02	0.05	
M+E No.	30	31	32	33	34	

REMARKS: Results are on Wet Weight Basis

reported out 9/19/77

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

Westport Goose Berry Neck

Collector: A. Koleck

Source A Station #1, Sample 1A - Lobsters

Source B " " " 1B - "

Source C " " " 1C - "

Source D " " " 1D - "

Source E " " " 1E - "

Source F " " " 1F - "

	A	B	C	D	E	F
Sample No.	543342	343	344	345	346	347
Date of Collection	7/28/77					
Date of Receipt						
PCB #1254 mg/kg	0.04	0.03	0.03	0.06	0.02	0.04
Lab No.	35	36	37	38	39	40

REMARKS:

Results are on Wet Weight Basis

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

Westport Goose Berry

Collector: A. Koleck

Source A Station #1, Sample 1G - Lobsters

Source B

Source C

Source D

Source E

Source F

	A	B	C	D	E	F
Sample No.	543348					
Date of Collection	7/28/77					
Date of Receipt						
PCB #1254 mg/kg	0.70					
MIF No.	41					

REMARKS: Results are on Wet Weight Basis

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

Plymouth

Collector: Wendal Sedes

Source A Rocky Point, Station #4, Sample #4A - Lobsters

Source B " " " " " #4B - "

Source C " " " " " #4C - "

Source D

Source E

Source F

	A	B	C	D	E	F
Sample No.	543349	350	351			
Date of Collection	7/27/77					
Date of Receipt						
PCB #1254 mg/kg	0.05	0.01	0.01			
M+F No.	42	43	44			

REMARKS: Results are on Wet Weight Basis

REF # 134

U.S. V. AVX C[illegible] Li[illegible] Document

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

NEW BEDFORD - Study of PCB in Lobsters
MARINE FISHERIES

Collector: ~~[illegible]~~

Source A NEW BEDFORD HARBOR, STA. "A"

Source B BUTLER FLATS, STATION "B"

Source C FORT RODMAN, STATION "C"

Source D EGG ISLAND, STATION "D"

Source E WILBUR POINT, STATION "E"

Source F

	A ✓	B ✓	C ✓	D –	E ✓	F
Sample No.	541942	541943	541944	541945	541946	
Date of Collection	3/16/77	3/18/77	3/14/77	3/14/77	3/17/77	
Date of ~~Receipt~~ ANALYSIS	3/25/77	—	—	—	—	
TOTAL WEIGHT	560 g	195 g	406 g	409 g	459 g	
EDIBLE PORTION	135 g	55 g	120 g	100 g	192 g	
mg/Kg PCB AS #1260	0.99	3.12	1.22	2.17	2.12	
M+E No.	353	351	1425	1436	357	

REMARKS: EDIBLE PORTION included: CLAW MEAT, TAIL MEAT and

1 — File

AVX Original Litigation

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

NEW BEDFORD

Collector: MARINE FISHERIES

Source A NEW BEDFORD, STATION "A" - DIKE

Source B " " , STATION "B" - BUTLER FLATS

Source C

Source D

Source E

Source F

	A	B	C	D	E	F
Sample No.	542289	545290				
Date of Collection	3/28/77	3/28/77				
Date of Receipt	4/11/77	4/11/77				
DATE OF ANALYSIS	4/15/77	4/15/77				
TOTAL WEIGHT	184g	278g				
EDIBLE PORTION	64g	96g				
ANALYZED PORTION	16g	24g				
mg/Kg P.C.B. as 1254	11.4	16.4				
MFI No.	1437	1438				

REMARKS: EDIBLE PORTION INCLUDED CLAW + TAIL MEATS plus TOMALE

REF # 1:2

DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING

SPECIAL ANALYSIS

Repeat not homogenous

SOURCE A New Bedford S.T.P. Influent, Chem. Lab. 00062130 CITY/TOWN NEW BEDFORD

SOURCE B New Bedford S.T.P. Influent, Chem. Lab. 00062132 COLLECTOR DUMM

SOURCE C New Bedford S.T.P. Effluent, Chem Lab. 00062140

SOURCE D New Bedford S.T.P. Effluent, Chem Lab. 00062140

SOURCE E

SOURCE F

	A	B	C	D	E	F
SAMPLE NUMBER	R90172	R90173	R90174	R90175		
DATE OF COLLECTION	3/20 to 3/25/82	3/20 to 3/25/82	3/20 to 3/25/82	3/20 to 3/25/82		
DATE OF RECEIPT	3/25/82	3/25/82	3/25/82	3/25/82		
DATE ANALYZED						
Oil & Grease	50	41	52	46		
Suspended Solids	190	162	170	192		
Total PCB,S (ug/l)	2.4	2.0	3.9	3.8		
LAB No.	1454-A	1455-A	1456-A	1457-A		

REMARKS PCB's were extracted using EPA Method 608, extracts were subjected to florisil chromatography clean-up and were quantitated using Webb-McCall method.

Analyzed 4/1/82

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING

SPECIAL ANALYSIS

Non Document

SOURCE A New Bedford WWTP - Influent A (Chem Lab. #006205A)
SOURCE B New Bedford WWTP - Influent B (Chem. Lab. #006205B)
SOURCE C New Bedford WWTP - Effluent A (Chem. Lab. #006204A)
SOURCE D New Bedford WWTP - Effluent B (Chem. Lab. #006204B)
SOURCE E
SOURCE F

CITY/TOWN NEW BEDFORD
COLLECTOR Dunn

	A	B	C	D	E	F
SAMPLE NUMBER	R90143	R90144	R90145	R90146		
DATE OF COLLECTION	3/15/82 to 3/20/82	3/15/82 to 3/20/82	3/15/82 to 3/20/82	3/15/82 to 3/20/82		
DATE OF RECEIPT	3/22/82	3/22/82	3/22/82	3/22/82		
ANALYZED						
Oil & Grease	51	52	41	47		
Suspended Solids	200	203	197	175		
Total PCB's * (ug/l)	2.6	5.8	5.7	4.3		
M+E No.	1458 A	1459 A	1460 A	1461 A		

SUMMARY: PCB's were extracted using EPA Method 608, extracts were subjected to florisil chromatography clean-up and were quantitated using Webb-McCall method.

Analyzed 3/28/82

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING

SPECIAL ANALYSIS

SOURCE A New Bedford S.T.P.-Effluent, Chem. Lab. 0006150A

SOURCE B New Bedford S.T.P.-Effluent, Chem Lab. 0006150B

SOURCE C New Bedford S.T.P.-Influent, Chem. Lab. 0006159A

SOURCE D New Bedford S.T.P.-Influent, Chem. Lab. 0006159B

SOURCE E

SOURCE F

CITY/TOWN NEW BEDFORD STP

COLLECTOR DUNN

	A	B	C	D	E	F
SAMPLE NUMBER	R90118	R90119	R90120	R90121		
DATE OF COLLECTION	3/10 to 3/15/82	3/10 to 3/15/82	3/10 to 3/15/82	3/10 to 3/15/82		
DATE OF RECEIPT	3/15/82	3/15/82	3/15/82	3/15/82		
ANALYZED						
Oil & Grease	51	43	39	47		
Suspended Solids	138	142	146	120		
Total PCB's* (µg/l)	3.2	1.8	1.6	0.7		
M+F No	1462-A	1463-A	1464-A	1465-A		

*PCB's were extracted using EPA Method 608, extracts were subjected to florisil chromatography clean-up and were quantitated using Webb-McCall method

analyzed 3/20/82

RFF # 136

U.S. v. [illegible] Document

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering
Special Analysis

NEW BEDFORD

Collector: Packard

Source A	Harbor Sediments	- Site	#1	- Depth	0-4"
Source B	" "	- "	#1	- "	4-8"
Source C	" "	- "	#1A	- "	0-4"
Source D	" "	- "	#1A	- "	4-8"
Source E	" "	- "	#2	- "	0-3"
Source F	" "	- "	#3	- "	0-3"

	A	B	C	D	E	F
Sample No.	551822	551823	551824	551825	551826	551827
Date of Collection	8/13/79					
Date of Receipt	8/14/79					
% MOISTURE	61.8	54.8	58.2	52.2	35.0	64.6
mg/kg PCB as 1254 DWB	39.7	25.9	72.7	0.1	3.2	11.8
423						
[illegible]	1466	1467	14[illegible]	1469	[illegible]	

REMARKS: DWB = Dry Weight Basis

Reported out Oct. 17, 1979

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

NEW BEDFORD

Collector: Packard

Source A Harbor Sediments - Site #3 - Depth 3-6"

Source B " " - " #4 - " 0-3"

Source C " " - " #4 - " 3-6"

Source D " " - " #6 - " 0-4"

Source E " " - " #6 " 4-8"

Source F " " - " #7 " 0-3"

	A	B	C	D	E	F
Sample No.	551828	551829	551830	551831	551832	551833
Date of Collection	8/13/79					
Date of Receipt	8/14/79					
% MOISTURE	68.6	39.3	51.0	44.9	55.9	72.9
mg/kg PCB as 1254 DWB	41.5	67.4	1.4	43.1	0.2	19.6
	1472	1473	1474	1475	1476	1477

REMARKS: DWB - Dry Weight Basis

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering

Special Analysis

NEW BEDFORD

Collector: Packard

Source A Harbor Sediments - Site #7 - Depth 3-6"

Source B " " - " #8 - " 0-3"

Source C " " - " #8 - " 3-7"

Source D " " - " #9 - " 0-4"

Source E " " - " #9 - " 4-7"

Source F " " - " #14 - " 0-4"

	A	B	C	D	E	F
Sample No.	551834	551835	551836	551837	551838	551839
Date of Collection	8/13/79					
Date of Receipt	8/14/79					
% MOISTURE	78.5	70.1	67.3	68.8	71.6	73.3
mg/kg PSB as 1254 DWB	11.3	11.6	4.4	7.5	11.9	2.0
	1478	1479	14[illegible]	1481	1482	14[illegible]

REMARKS: DWB = Dry Weight Basis

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

NEW BEDFORD

Collector: Packard

Source A Harbor Sediments - Site #14 - Depth 4-8"

Source B " " - " #15 - " 0-3"

Source C " " - " #15 - " 3-6"

Source D " " - " #15 - " 6-10"

Source E " " - " #17 - " 0-3"

Source F " " - " #19 - " 0-2"

	A	B	C	D	E	F
Sample No.	551840	551841	551842	551843	551844	551845
Date of Collection	8/15/79					
Date of Receipt	8/16/79					
% MOISTURE	64.2	68.4	63.3	72.0	65.4	70.1
mg/kg PCB as 1254 DWB	0.7	0.8	0.1	0.6	0.3	0.9
M+E No	1484	1485	1486	1487	1488	1489

REMARKS: DWB = Dry Weight Basis

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

NEW BEDFORD

Collector: Packard

Source A Harbor Sediments - Site #19 - Depth 2-8"

Source B " " - " #20 - " 0-2"

Source C " " - " #20 - " 2-5"

Source D " " - " #22 - " 0-1½"

Source E " " - " #22A - " 0-3"

Source F

	A	B	C	D	E	F
Sample No.	551846	551847	551848	551849	551850	
Date of Collection	8/15/79					
Date of Receipt	8/16/79					
% MOISTURE	59.8	70.1	66.2	67.1	59.3	
mg/kg PCB as 1254 DWB	0.5	12.4	4.1	3.3	43.6	
	1490	1491	1492	1493	1494	

REMARKS: DWB = Dry Weight Basis

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

NEW BEDFORD

Collector: Packard

Source A Harbor Sediments – Site # 10 – Depth 0-3"

Source B " " – " # 10 – " 3-6"

Source C " " – " # 12 – " 0-3"

Source D " " – " # 12 – " 3-6"

Source E " " – " # 13 – " 0-3"

Source F " " – " # 13 – " 3-6"

	A	B	C	D	E	F
Sample No.	551955	551956	551957	551958	551959	551960
Date of Collection	8/31/79					
Date of Receipt	9/3/79					
% MOISTURE	53.5	60.2	21.2	39.0	64.9	60.2
mg/kg PCB as 1254 DWB	7.9	3.2	0.3	1.1	1.0	4.3
	1495	1496	1497	1498	1499	

REMARKS: DWB = Dry Weight Basis

U.S. V. A... ...ction Document

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering
Special Analysis

NEW BEDFORD

Collector: Packard

Source A Harbor Sediment - Site # 13 - Depth 6-9"

Source B " " - " # 14 - " 0-2"

Source C " " - " # 14 - " 2-5"

Source D " " - " # 14 - " 5-8"

Source E

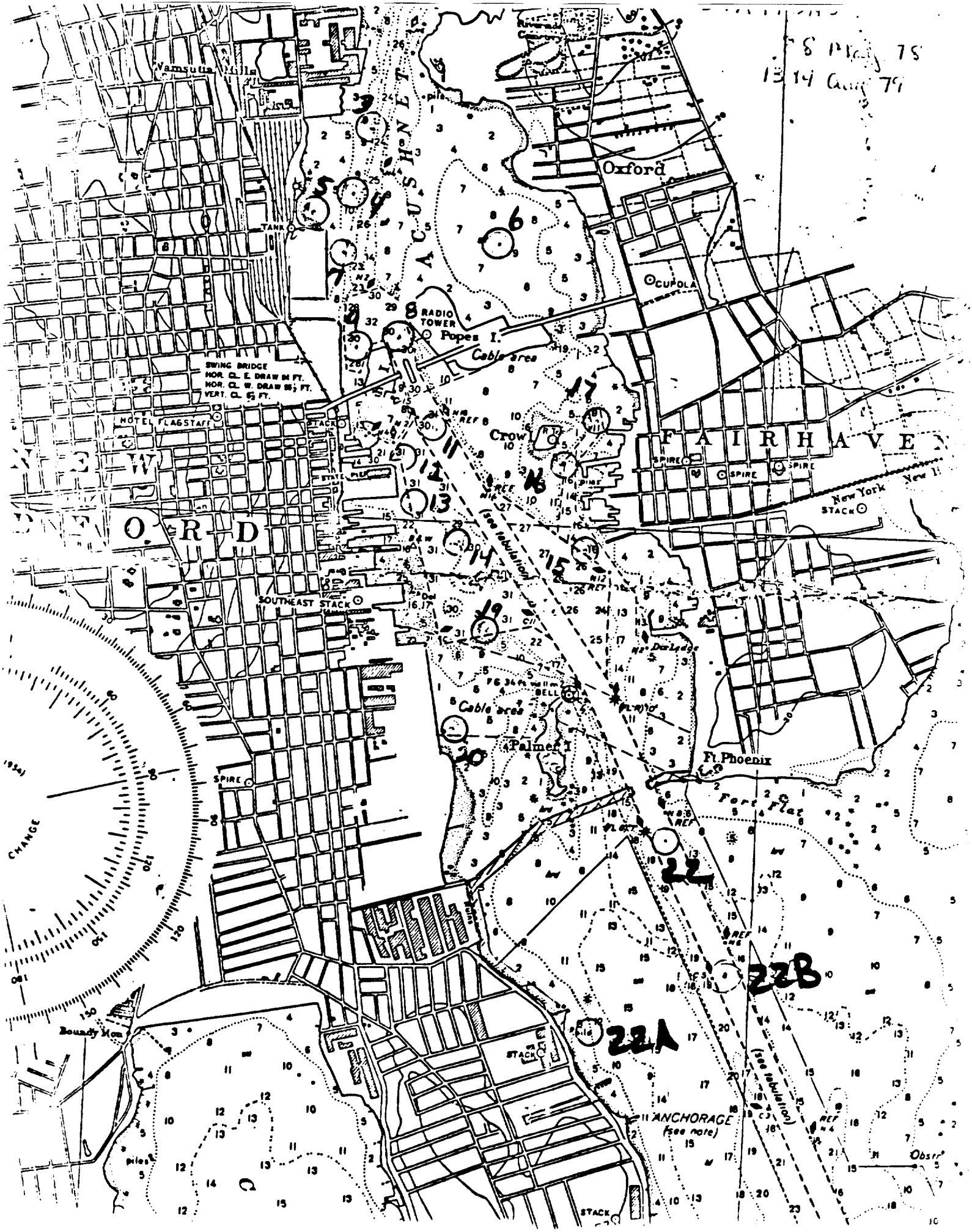
Source F

	A	B	C	D	E	F
Sample No.	551961	551962	551963	551964		
Date of Collection	8/31/79					
Date of Receipt	9/3/79					
% MOISTURE	47.3	56.5	49.2	62.2		
mg/kg PCB as 1254 PCB	4.8	2.0	1.6	9.6		
	1501	1502	1503	1504		

REMARKS: DWB = Dry Weight Basis

1A ⓪

U.S. v. ... Litigation Document


Oxford
TANK
CUPOLA
RADIO TOWER
Popes I.
Cable area
SWING BRIDGE
HOR. CL. E. DRAW 14 FT.
HOR. CL. W. DRAW 18½ FT.
VERT. CL. 15 FT.
HOTEL FLAGSTAFF
STACK
Crow I.
FAIRHAVEN
SPIRE
New York
STACK
(see tabulation)
SOUTHEAST STACK
BELL
Cable area
Palmer I.
Ft. Phoenix
Fort Flat
SPIRE
CHANGE
Boundy Mon
STACK
ANCHORAGE
(see note)
(see tabulation)
Obsr
STACK
22
22B
22A

REF #137

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING

SPECIAL ANALYSIS

This is an Original Unofficial Document

MAR 8 1982

SOURCE A New Bedford WWTP - Sludge sample

SOURCE B

SOURCE C

SOURCE D

SOURCE E

SOURCE F

CITY/TOWN NEW BEDFORD

COLLECTOR J. O. KUM

	A	B	C	D	E	F
SAMPLE NUMBER	005584					
DATE OF COLLECTION	11/12/81					
DATE OF RECEIPT	11/18/81					
E ANALYZED						
TOTAL-PCB's*	20 mg/kg					
	1505					

REMARKS * Quantitated using Webb/McCall method. Reported on a dry weight basis.

analyzed Feb. '82

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

FAIRHAVEN

Collector: Peckard-Mend-Orphanos

Source A Fairhaven, Tow #5

Source B " , Sta. #1

Source C " , Sta. #2

Source D

Source E

Source F

	A	B	C	D	E	F
Sample No.	001354	001408	001409			
Date of Collection	5/14/80	5/21/80	5/21/80			
Date of Receipt	5/21/80	5/29/80	5/29/80			
mg/Kg PCB as AROCLOR #1254	0.27	0.06	0.06			
	1515	[illegible]	1515			

REMARKS:

Ref. #138

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING

SPECIAL ANALYSIS

U.S. ... Document
MAR 10 1982

SOURCE A New Bedford - WWTP - Sludge

SOURCE B

SOURCE C

SOURCE D

SOURCE E

SOURCE F

CITY/TOWN NEW BEDFORD

COLLECTOR Shepard

	A	B	C	D	E	F
SAMPLE NUMBER	005368					
DATE OF COLLECTION	10/9/81					
DATE OF RECEIPT	10/9/81					
DATE ANALYZED	3/5/82					
Arochlor 1242	16 mg/kg					
Arochlor 1254	6.6 mg/kg					
Total PCB'S	23 mg/kg					
	1506-1					

REMARKS Results reported on a dry weight basis. Used Webb/McCall method for qualitative and quantitative analysis.

Analyzed by [illegible]

REF: # 139

U.S. v. ... Litigation Document

...lth of Massachusetts
...nental Quality Engineering
...l Analysis

FAIRHAVEN

Collector: Packard-Mend-Orphanos

...husetts
...ngineering

FAIRHAVEN

...ector: Packard-Mend-Orphanos

MHE

	C	D	E	F
	001350	001351	001352	001353
...80	5/14/80	5/14/80	5/14/80	5/14/80
...80	5/21/80	5/21/80	5/21/80	5/21/80
...01	0.93	1.08	0.10	0.37
	1509	[illegible]	1511	[illegible]

D	E	F

reported out 6/19/80

RFA # 140

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

JUL 30 1980

Special Analysis

NEW BEDFORD

Collector: Unknown

Source A Nya, Egypt Lane, Fairhaven 461120 034220

Source B

Source C

Source D

Source E

Source F

U.S. v. AVX ... Document

	A	B	C	D	E	F
Sample No.	001690					
Date of Collection	6/10/80					
Date of Receipt	6/11/80					
Date analyzed	6/26/80					
ug/Kg PCB as ANOCLOR #1254	704					
[illegible]	[illegible]					

REMARKS:

EFF # 141

See Ref: 1.

Request By: DEQE

Date: 4/24/80

ANALYTIC CHEMISTRY REPORT

U.S. v. AVX Original Litigation Document

Sample Name or Code: Water Samples

Analysis For: PCB's Aroclor 1254 and 1016

Methods Used: G.C. (E.C.)

No. of Analyses: 6

Results:

Sample #	Location	Aroclor 1254 (PPb)	Aroclor 1016 (PPb)
	New Bedford		
000472 (241)	Cornell-Dublier, No. 6	0.01	0.08
000473 (242)	Cornell-Dublier, No. 7, Bld. G.	Trace	0.05
000474 (243)	Cornell-Dublier, No. 8	Trace	Trace
000475 (244)	Cornell-Dublier, No. 9	0.01	0.43
000476 (245)	Cornell-Dublier, Boiler Room	Trace	Trace
000477 (246)	WWTP Chlorine Contact Chamber	Trace	0.13

Comments: Sample extraction by Lawrence Experiment Station (DEQE)

Date of Collection 3/27/80

Date of Receipt 4/1/80

Collector J. Ackerman

Date: 4/30/80

Timothy Cunningham

Chemist

RFT # 142

U.S. V. AVX Original Litigation Document

Request By: D.E.Q.E.

Date: 5/1/80

ANALYTIC CHEMISTRY REPORT

Sample Name or Code: MME Quahogs from Falmouth

Analysis For: PCB (Aroclor 1254) 022

Methods Used: G.C. (E.C.)

No. of Analyses: 10 (5 blanks)

Results:

Lab No.	Species	Location	PCB's (ppm) Wet Wt. Basis
000714	Quahogs	Falmouth - Eel Pond Sta. 1	0.12
000715	Quahogs	Falmouth - Eel Pond Sta. 1	0.07
000716	Quahogs	Hbr. So. of McDougal Boat Yard	0.03
000717	Quahogs	Falmouth - Eel Pond Sta. 2	0.08
000718	Quahogs	Hbr. Sta. 2 N. of Studio Motel	Trace <0.01

Comments: Quahog water content ≈ 80%

Sample extraction done by Lawrence Experiment Station.

Coll: 4/2 - 4/8

Date: 5/8/80

Timothy Cunningham

Chemist

KEF #143

Lawrence

Form #2

Copy

U.S. v. AVX Original Litigation Document

Request By: DEQE

Date: 5/22/80

ANALYTIC CHEMISTRY REPORT

Sample Name or Code: Quahogs

Analysis For: PCBs

Methods Used: G.C. (E.C.)

No. of Analyses: 9

Results:

Lab No.	Sample	Location	PCB (ppm) wet weight
000714	Quahog	Falmouth, Eel Pond, Station 1	~~0.09~~ 0.12
000715	Quahog	Falmouth, Eel Pond, Station 1	~~0.04~~ 0.07
000716	Quahog	Falmouth, Hbr. S. of McDouball Boat Yard, Station 1	~~Trace~~ 0.03
000717	Quahog	Falmouth, Eel Pond, Station 2	~~0.04~~ 0.0
000718	Quahog	Falmouth, Hbr., N. of Studio Motel, Station 1	---- <0.0
000724	Quahog	Fall River, Taunton River, S. of Shell Oil Tanks	Trace
000725	Quahog	Fall River, Taunton River, Near Golf Course	0.03
000726	Quahog	Fall River, Taunton River, Breeds Cove	Trace
000727	Quahog	Fall River, Taunton River, O'Connell's Boat Yard, South Side	0.40

Comments: Sample extraction done by Lawrence Experiment Station.

Samples ~~are~~ collected 4/2 thru 4/8 and received 4/8/80

collectors Hurley & Orphanos

Date: 5/29/80

Timothy Cunningham
Chemist

REF # 144

Request By: DEQE

Date: 5/15/80

ANALYTIC CHEMISTRY REPORT

Sample Name or Code: Quahogs

Analysis For: PCBs

Methods Used: G.C. (E.C.)

No. of Analyses: 5

Results:

Lab No.	Species	Location	PCBs (ppm) wet wt. basis
000719	Quahogs	Falmouth Eel Pond, Sta. 3	0.08
000720	Quahogs	Falmouth Hbr. Flying Bridge Rest, Sta. 3	trace
000721	Quahogs	Falmouth Hbr., Head of Hbr., Pier 37, Sta. 4	trace
000722	Quahogs	Fall River, Taunton River, N. of O'Connels Boat Yd.	0.06
000723	Quahogs	Fall River, Taunton River, N. of Mon Taup.	0.03

Comments: Sample extractions done by Lawrence Experiment Station.

Date: 5/20/80

Tim Cunningham
Chemist

REF # 145

U.S. v. [illegible] Original Litigation Document

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

QUAHOGS

Collector: ORPHANOS

Source A Fall River, Mount Hope Bay, MHBQ 1

Source B Fall River, Mount Hope Bay, MHBQ 2

Source C Fall River, Mount Hope Bay, MHBQ 3

Source D Fall River, Mount Hope Bay, MHBQ 4

Source E Fall River, Mount Hope Bay, MHBQ 5

Source F Fall River, Mount Hope Bay, MHBQ 6

PCE - by CAA
Ref # 6

See REF # 146 for PCE Results

	A	B	C	D	E	F
Sample No.	R87935	R87936	R87937	R87938	R87939	R87940
Date of Collection	7/20/81	7/20/81	7/20/81	7/20/81	7/20/81	7/20/81
Date of Receipt	7/25/81	7/25/81	7/25/81	7/25/81	7/25/81	7/25/81
CADMIUM G 504	0.00	0.00	0.00	0.63	0.00	0.43
CHROMIUM H 505	0.94	0.82	1.0	0.63	0.00	0.43
LEAD - 507	1.3	0.82	0.71	0.94	1.6	0.65
VANADIUM - 517	1.6	1.0	1.8	1.6	1.6	1.1
SELENIUM 511	1.8	1.5	1.6	1.2	1.3	1.3
ZINC - 514	30	20	31	38	38	23
COPPER 506	5.0	4.9	7.1	9.1	4.4	3.4
MERCURY 509	0.072	0.117	0.090	1.67	0.085	0.043

[illegible]: Results expressed as ug/g

718G - 718N 719G - N 720G - N 721G - N 722G - N 723G - N

5 0

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

QUAHOGS

ORPHANOS

Collector: _____

Source A Fall River, MHBQ - 7

Source B Fall River, MHBQ - 8

Source C Fall River, Taunton River, TRQ - 2

Source D Fall River, Taunton River, TRQ - 3

Source E Fall River, Taunton River, TRQ - 4

Source F Fall River, Taunton River, TRQ - 5

	A	B	C	D	E	F
Sample No.	R87941	R87942	R87943	R87944	R87945	R87946
Date of Collection	7/20/81	7/20/81	7/20/81	7/20/81	7/20/81	7/[illegible]
Date of Receipt	7/25/81	7/25/81	7/25/81	7/25/81	7/25/81	7/25/81
CADMIUM	1.4	0.00	0.00	0.00	0.24	0.29
CHROMIUM	1.1	0.96	0.67	0.75	0.00	0.59
LEAD	0.85	0.72	2.2	1.5	1.7	1.5
VANADIUM	1.4	1.2	1.1	0.94	1.2	1.5
SELENIUM	1.9	1.2	1.8	1.3	1.4	1.4
ZINC	26	29	60	34	48	41
COPPER	5.6	4.8	8.0	5.1	7.1	7.4
MERCURY	0.096	0.072	0.095	0.097	0.149	0.13[illegible]

EXPLANATION: Results expressed as ug/kg

724 1453G-N 725G-N 7[illegible]-N 727-N [illegible]

50

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering
Special Analysis

QUAHOGS

ORPHANOS

Collector: _____

Source A Fall Rvier, Taunton River, TRQ - 6

Source B

Source C

Source D

Source E

Source F

	A	B	C	D	E	F
Sample No.	R87947					
Date of Collection	7/20/81					
Date of Receipt	7/25/81					
CADMIUM	0.88					
CHROMIUM	0.88					
LEAD	1.4					
VANADIUM	0.88					
SELENIUM	1.6					
ZINC	30					
COPPER	8.3					
MERCURY	0.255					

REMARKS: Results expressed as ug/g

72/G-N

REF 140

U.S. v. AVX Original Litigation Document

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

SEDIMENT

ORPHANOS

Collector:

Source A Fall River, Taunton River, TRS - 1, 15 CM Surface Core

Source B Fall River, Taunton River, TRS - 2, 15 CM Surface Core

Source C Fall River, Taunton River, TRS - 3, 15 CM Surface Core

Source D Fall River, Taunton River, TRS - 4, 15 CM Surface Core

Source E Fall River, Taunton River, TRS - 5, 15 CM Surface Core

Source F Fall River, Taunton River, TRS - 6, 15 CM Surface Core

	MHE No.	607G-N	608	609	610	611	612
		A	B	C	D	E	F
	Sample No.	R87759	R87760	R87761	R87762	R87763	R87764
	Date of Collection	7/13/81	7/13/81	7/13/81	7/13/81	7/13/81	7/13
	Date of Receipt	7/16/81	7/16/81	7/16/81	7/16/81	7/16/81	7/16
G	CADMIUM 504	0.00	0.00	0.00	0.00	0.00	1.5
H	CHROMIUM 505	276	74	216	248	27	211
I	LEAD 507	175	94	225	132	25	269
J	VANADIUM 517	129	49	75	67	24	53
K	SELENIUM 511	41	32	48	27	24	35
L	ZINC 514	193	150	266	202	72	277
M	COPPER 506	147	75	150	116	198	107
N	MERCURY 509	1.29	0.983	2.29	1.59	0.571	[illegible]

REMARKS: Results expressed as ug/g dry weight

5 0

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering
Special Analysis

SEDIMENT

Collector: ORPHANOS

Source A	Fall River, Taunton River,	TRS - 7	core
Source B	Fall River, Taunton River,	TRS - 8	core
Source C	Fall River, Mount Hope Bay	MHBS-1	core
Source D	Fall River, Mount Hope Bay,	MHBS-2	core
Source E	Fall River, Mount Hope Bay,	MHBS-3	core
Source F	Fall River, Mount Hope Bay,	MHBS-4	core

	613G-N A	614 B	615 C	616 D	617 E	618 F
Sample No.	R87765	R87766	R87767	R87768	R87769	R87770
Date of Collection	7/13/81	7/13/81	7/14/81	7/14/81	7/14/81	7/14/81
Date of Analysis	7/16/81	7/16/81	7/16/81	7/16/81	7/16/81	7/16/81
CADMIUM 504	1.2	0.00	1.1	0.64	0.59	3.0
CHROMIUM 505	104	33	64	96	88	136
LEAD 507	40	15	73	77	71	273
VANADIUM 517	27	34	31	55	65	64
SELENIUM 511	23	21	25	31	30	25
ZINC [illegible]	79	53	158	167	171	546
COPPER 506	37	18	51	64	59	177
MERCURY 509	0.692	0.248	0.726	0.560	0.544	1.15

Results expressed as ug/g dry weight

500

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering
Special Analysis

SEDIMENT

ORPHANOS

Collector:

Source A Fall River, Mount Hope Bay, MHBS - 5

Source B Fall River, Mount Hope Bay, MHBS - 6

Source C Fall River, Mount Hope Bay, MHBS - 7

Source D Fall River, Lees River, LRS - 1

Source E

Source F

	620S-N A	621 B	622 C	619 D	E	F
Sample No.	R87771	R87772	R87773	R87774		
Date of Collection	7/14/81	7/14/81	7/13/81	7/14/81		
Date of Receipt	7/16/81	7/16/81	7/16/81	7/16/81		
CADMIUM 5.1	1.2	0.99	2.0	1.2		
CHROMIUM 5.5	143	95	172	94		
LEAD 5.7	115	75	172	71		
VANADIUM 5.7	57	60	56	77		
SELENIUM 5.1	40	29	40	38		
ZINC 5.4	189	144	353	153		
COPPER 5.9	109	60	116	77		
MERCURY 5.4	1.70	0.723	1.06	0.373		

Results expressed as ug/g dry weight

RTF 146

U.S. v. A... Document

The Commonwealth of Massachusetts
Department of Environmental Quality Engineering
Special Analysis

PCB STUDY

ORPHANOS

Collector:

Source A New Bedford Harbor, Tow 7, Quahog

Source B New Bedford Harbor, Tow 11, Quahog

Source C Fall River, Taunton River, TRS - 1, Sediment

Source D Fall River, Mount Hope Bay, MHBS - 3, Sediment

Source E Fall River, Lees River, LRS - 1 Sediment

Source F Fall River, Mount Hope Bay MHBQ - 1 ~~Sediment~~ Quahog

See Ref. 145 for metal

	A (M+E 594 Ref #13 for metal A-G)	B (M+E No. 602 Ref #13 A-G)	C	D	E	F
Sample No.	R86990	R86998	R87759	R87769	R87774	R87935
Date of Collection	8/22/80	8/22/80	7/13/81	7/14/81	7/14/81	7/20/81
Date of Receipt	6/26/81	6/26/81	7/16/81	7/16/81	7/16/81	7/25/81
AROCHLOR, 1254 423	0.381	0.463	ND*	ND	ND	0.052
	*ND: NONE DETECTED					
	Also analyzed					
	by CAA, P #6					
	[illegible]					
	594 H-N	602 H-N				
M+E No.	594P	602P	607P	617P	614P	71-P

Results expressed as ug/kg

Analyzed 8/7-30/81

RFF #147

[illegible] Document

The Commonwealth of Massachusetts

Department of Environmental Quality Engineering

Special Analysis

PCB's

NEW BEDFORD

Collector: DIV. MARINE FISHERIES

Source A SITE H, HACKER St. MARSH, - STRIPED BASS - By RATAVAC K[illegible]

Source B " , " " , - " " - " "

Source C " , " " , - " " - " "

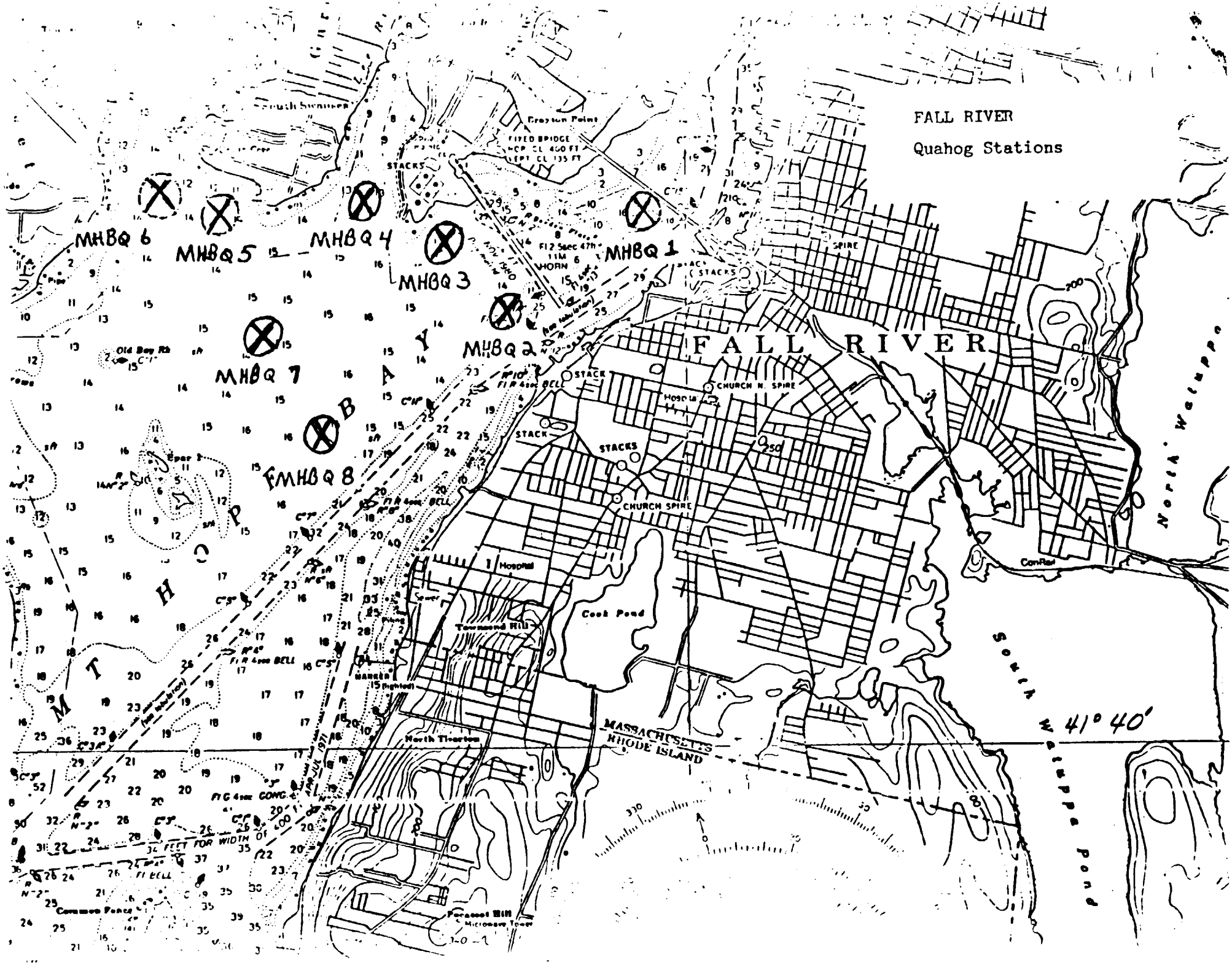
Source D " , ~~BLUE FISH~~ " " , - BLUE FISH - " LAWTON PS

Source E " , " " , - " " - " "

Source F SITE D , Egg Island , STRIPED BASS - " CURRIER [illegible]

	A	B	C	D	E	F
Sample No.	543198	543199	543200	543201	543202	543203
Date of Collection	4/28/77	5/5/77	5/6/77	5/31/77	5/31/77	5/30/77
Date of Receipt						
423						
AS 1254 PCB mg/Kg	0.11	0.21	1.35	0.30	0.33	1.26
	✓	✓			✓	
[illegible]	1523	1524	1525	[illegible]	[illegible]	[illegible]

REMARKS:


FALL RIVER
Quahog Stations
MHBQ 6
MHBQ 5
MHBQ 4
MHBQ 3
MHBQ 2
MHBQ 1
MHBQ 7
FMHBQ 8
FALL RIVER
Grayton Point
FIXED BRIDGE
STACKS
SPIRE
CHURCH N. SPIRE
STACK
CHURCH SPIRE
Hospital
Cook Pond
Townsend Hill
North Tiverton
MASSACHUSETTS
RHODE ISLAND
Pocasset Hill
Microwave Tower
Common Fence
Old Bay Rk
Epar 1
MARKER
Piling
Sewer
ConRail
North Watuppa
South Watuppa Pond
41° 40'
FEET FOR WIDTH OF 400 FT APR JUL 1971

Original Litigation

Fl flashing	Occ occulting	WHIS whistle	SEC seconds
Qk quick	Alt alternating	DIA diaphone	m minutes
Gp group	I Qk interrupted quick	M nautical miles	sec seconds
E int equal interval			

Buoys	T B temporary buoy	N nun	B black	Or orange	W white
	C can	S spar	R red	G green	Y yellow

Bottom characteristics

Cl clay	M mud	hrd hard	bk black	gy gray
Co coral	Rk rock	rky rocky	br brown	rd red
G gravel	S sand	sft soft	bu blue	wh white
Grs grass	Sh shells	stk sticky	gn green	yl yellow

21 Wreck, rock obstruction or shoal swept clear to the depth indicated

(2) Rocks that cover and uncover with heights in feet above datum of soundings

AERO. aeronautical	R Bn radiobeacon	C G Coast Guard station
Bn daybeacon	R TR radio tower	D F S distance finding station

AUTH authorized Obstr obstruction. P A position approximate E D existence doubtful

COLREGS International Regulations for Preventing Collisions at Sea, 1972
Demarcation lines are shown thus: — — — —

HEIGHTS

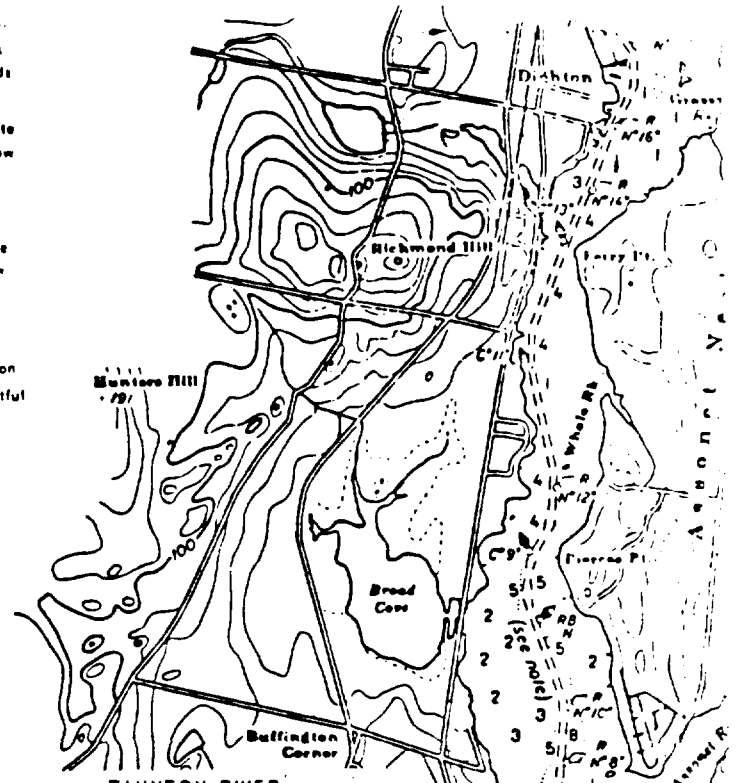
Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Survey with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard and Department of the Navy.

FALL RIVER

Quahog Stations



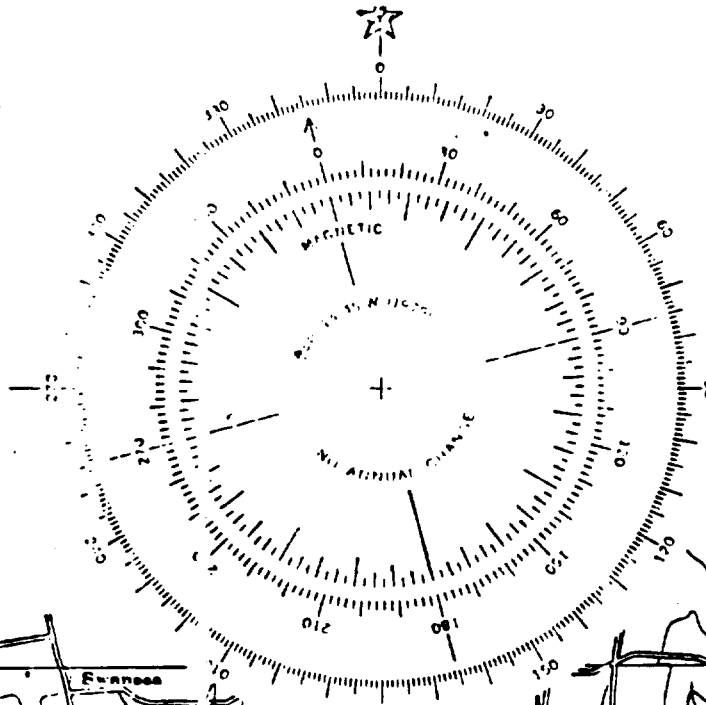
TAUNTON RIVER

The controlling depths at mean low water was reported to be 7 feet in the dredged channel to Peters Point thence 4 feet to Taunton Municipal Wharf

June 1950-Oct 1966

The minimum clearances for the swing bridge and overhead power cables from Peters Point to Taunton Municipal Wharf are as follows

SWING BRIDGE
HOR CL 52 FT
VERT CL 7 FT
OVERHEAD POWER CABLES
AUTHORIZED CL 65 FT



FALL RIVER
Sediment Stations
FALL RIVER
MHBS 1
MHBS 2
MHBS 3
MHBS 4
MHBS 5
MHBS 6
MHBS 7
LRS 1
TRS 1
MT HOPE BAY
South Swansea
Cedar Cove
Old Bay Rk
Spar 1
Lawton Point
FIXED BRIDGE
HOR CL 400 FT
VERT CL 135 FT
HORN
STACK
STACKS
SPIRE
CHURCH N. SPIRE
CHURCH SPIRE
Hospital
Cook Pond
Townsend Hill
MARKER
North Tiverton
MASSACHUSETTS
RHODE ISLAND
Pocasset Hill
Microwave Tower
Common Fence Pt
FEET FOR WIDTH OF 400 FT APR JUL 1971
ConRail
North Watuppa Pond
South Watuppa Pond

Lights (Lights are white unless otherwise indicated):

F. fixed	Mo (A) morse code	OBSC obscured	Rot rotating
Fl. flashing	Occ occulting	WHIS whistle	SEC. sector
Qk quick	Alt alternating	DIA. diaphone	m. minutes
Gp group	I Qk interrupted quick	M. nautical miles	sec. seconds
E Int equal interval			

Buoys

T B temporary buoy	N. nun	B. black	Or orange	W. white
C can	S spar	R red	G green	Y. yellow

Bottom characteristics

Cl clay	M mud	hrd hard	bk black	gy gray
Co coral	Rk rock	rky rocky	br brown	rd red
G gravel	S sand	sft soft	bu blue	wh white
Grs grass	Sh shells	stk sticky	gn green	yl yellow

Wreck, rock, obstruction or shoal swept clear to the depth indicated

Rock that covers and uncovers with heights in feet above datum of soundings

AER Aeronautical — R Bn radiobeacon — C G Coast Guard station

Bn daybeacon — R Tlt radio tower — D F distance finding station

AUTH. authorized. Obstr obstruction. P.A position approximate. E D existence doubtful

COLREGS. International Regulations for Preventing Collisions at Sea, 1972

Demarcation lines are shown thus: — — — —

HEIGHTS

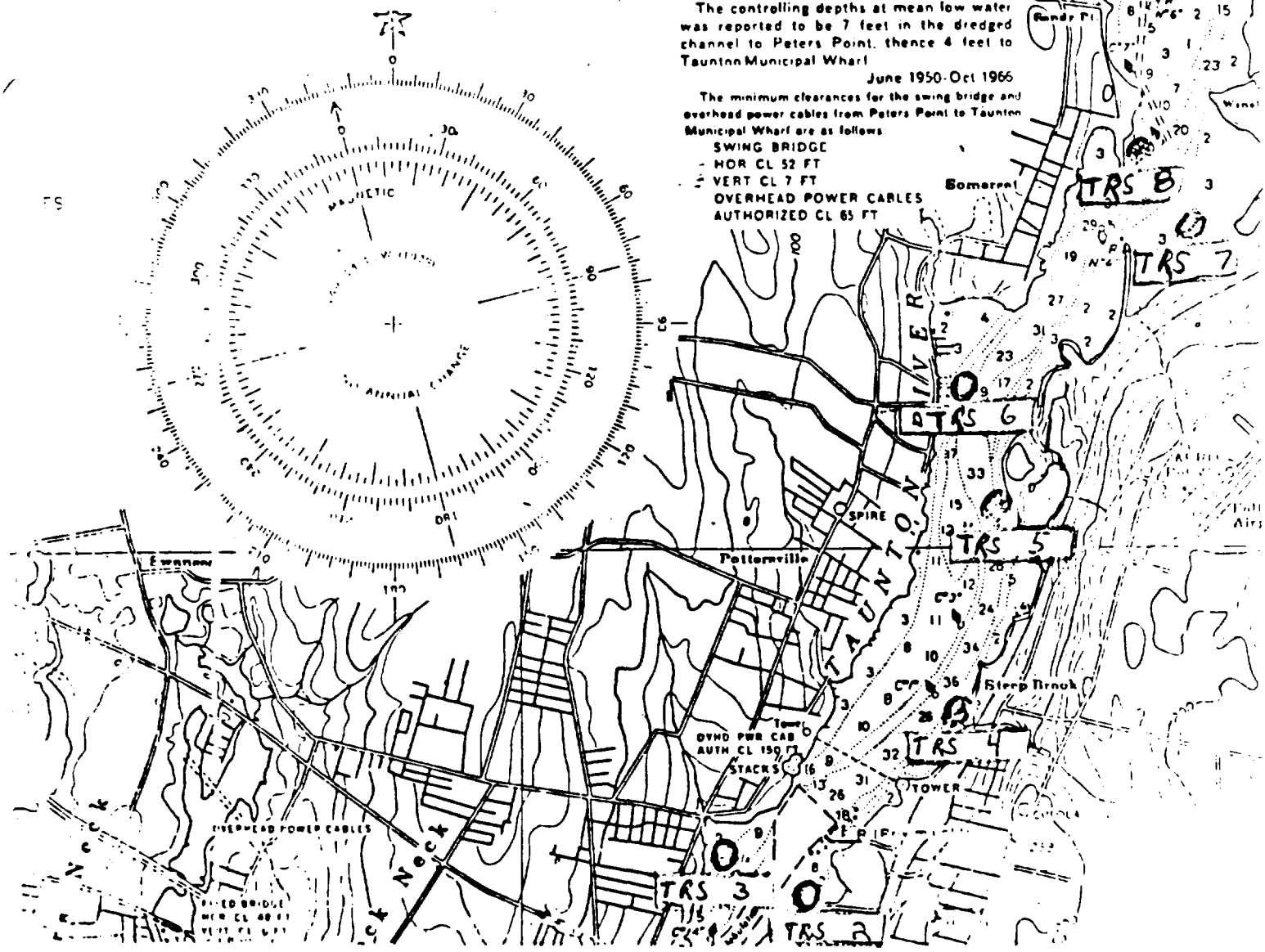
Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Survey with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard and Department of the Navy.

FALL RIVER

Sediment Stations



TAUNTON RIVER

The controlling depths at mean low water was reported to be 7 feet in the dredged channel to Peters Point, thence 4 feet to Taunton Municipal Wharf

June 1950-Oct 1966

The minimum clearances for the swing bridge and overhead power cables from Peters Point to Taunton Municipal Wharf are as follows:

SWING BRIDGE
- HOR CL 52 FT
- VERT CL 7 FT

OVERHEAD POWER CABLES
AUTHORIZED CL 65 FT