Site: N. Bedford
Break: 11.6
Other: 51903

U.S. v. AVX Original Litigation Document

Ref's.

149. Mass. DPH., 05/20/81
"Blood Serum Levels of Polychlorinated Biphenyls in Greater New Bedford Residents".

150. Camp Dresser & McKee, Inc., 09/13/79
City of New Bedford, Massachusetts, Section 301(h) Application for Modification of Secondary Treatment Requirements for Discharges into Marine Waters, Volume 2, Appendix XVII.

151. DMF, 6/82
Corrections of M&E Data by Cat Cove Laboratories.

SDMS DocID 51903

Ref #149

The Commonwealth of Massachusetts

Department of Public Health

Alfred L. Frechette, M.D.
Commissioner

600 Washington Street
Boston 02111

May 20, 1981

Representive Roger R. Goyette
State House-Room 489
Boston, MA. 02133

Dear Representive Goyette:

In response to your request in your capacity as chairman of the ad hoc Acushnet River Estuary Disaster Steering Committee, the Department of Public Health and the Harvard School of Public Health, this past January, 1981 took blood samples from a number of residents of the greater New Bedford area who volunteered to participate in a small pilot project aimed at determining whether measurable levels of polychlorinated biphenyls (PCB's) could be detected.

These blood samples were sent to the Toxicology Branch of the Centers for Disease Control in Atlanta, Georgia for analysis. Results of these analysis are given in the accompanying data sheet. Please note that the volunteer group from the New Bedford area included persons who stated they ate fish taken from the Acushnet River, as well as persons whose occupation or recreational activities made likely contact with PCB. In addition, there is a comparison group who are considered not to have had any known unusual exposure to PCB.

For further comparison I have included results from PCB blood studies done in a small group of volunteers from the town of Canton, MA. in which a question of possible PCB exposure was also raised recently.

These analysis show that several persons from the New Bedford area have blood levels of PCB in excess of the usual range of PCB values given for the U.S. population. Dr. John Liddle of the Toxicology Branch at CDC has informed me that 99% of the general population of persons has less than 30 parts per billion(ppb) of PCB in their blood.

(continue)

These results suggest that persons ingesting fish taken from the Acushnet River may have resulted in an elevated body burden of PCB. The effects of these levels of PCB cannot be stated at present. Since the data are so few it suggests that additional studies would be valuable in order to define the extent of the population affected, as well as to relate levels of PCB to any possible effects. From my earlier correspondence you are aware that such studies would be costly (up to $300,000). Judging from other populations, the long-term implications of exposure to elevated levels of PCB may justify such studies.

In closing I would like to note that this report is the result of collaborative efforts between the Department of Public Health, the Harvard School of Public Health (Dr. Edward Baker), the New Bedford Department of Public Health (Ms. Mary Leahy) and the Centers for Disease Control (Dr. John Liddle).

Sincerely,

Norman C. Telle, M.D., Director
Division of Environmental Health
Assessment

cc: Dr. Edward Baker
Dr. John Liddle, CDC

NCT/cyh

Blood Serum Levels of Polychlorinated Biphenyls in Greater New Bedford Residents

CDC ID Number	PCB as AR 1260 (parts per billion)	Comments on Possible Exposure to PCB
28642	22	Occupational exposure 15 months 31 yrs, ago, Commercial lobsterman. Ate Acushnet River fish until 1977.
28643	101	Ate Acushnet River fish until 3-4 years ago.
28645	8	Eats Acushnet River fish, several times per year.
28653	6	NKE*
28654	7	NKE
28656	44	Ate Acushnet River fish until 3-4 yrs. ago.
28657	31	Ate Acushnet River shellfish until 3-5 years ago.
28659	11	Ate Acushnet River fish until 15 yrs. ago. Occupational exposures, 3 days in 1970.
28660	6	NKE
28661	5	Ate Acushnet River lobsters until 3-5 years ago
28662	12	Professional scurba divers 25 years inside New Bedford Harbor.
28665	88	Occupational exposure - 3 months in 1959. Eats Acushnet River fish.
28666	30	Ate Acushnet River eels frequently. Stopped in fall of 1979.
28667**	90	Known occupational exposure.
28668	23	Commercial lobstermen. Has eaten Acushnet River fish for years.
28669**	92	Known occupational exposure.
28671	73	Known occupational exposure.
28646	13	Ate Acushnet River lobsters until 3-5 years ago.
28648	14	Ate Acushnet River lobsters unitl 3-5 years ago.
28650	4	NKE
28651	71	Occupational exposure. Also, eats fish from Acushnet River
28652	66	Eats fish from Acushnet River
28644	6	Canton Comparison
28647	18	" "
28649	6	" "
28663	7	" "
28664	4	" "
28670	7	" "
28902	8	" "
28655	1	" "
28658	13	" "

*NKE = No known exposure

**These 2 samples taken on same individual

City of
New Bedford, Massachusetts

Section 301(h) Application for Modification of Secondary Treatment Requirements for Discharges into Marine Waters

Volume 2

SEPTEMBER 13, 1979

Camp Dresser & McKee Inc.
Boston, Massachusetts

APPENDIX XVII

Chemical Analysis of Toxic Pollutants
And
Pesticides and Source Identification Analysis

		H	S	H	DW S	REFERENCE CRITERIA
	Endosulfan and Metabolites:					
95P	α-endosulfan (Alpha)	ND	ND	ND	ND	
96P	β-endosulfan (Beta)	1	1	ND	ND	
97P	endosulfan sulfate	ND	ND	ND	ND	CND
	Endrin and Metabolites:					
98P	endrin	ND	ND	ND	ND	
99P	endrin aldehyde	ND	ND	ND	ND	
	Heptachlor and Metabolites:					
100P	heptachlor	ND	ND	ND	ND	
101P	heptachlor epoxide	ND	ND	ND	ND	
	Hexachlorocyclohexane (All Isomers):					
102P	α-BHC (Alpha)	ND	ND	ND	ND	
103P	β-BHC (Beta)	ND	ND	ND	ND	
104P	γ-BHC (Gamma)-(lindane)	ND	ND	ND	ND	
105P	δ-BHC (Delta)	ND	ND	ND	ND	
	Polychlorinated Biphenyls (PCB's):					
106P	PCB-1242 (Arochlor 1242)	ND	ND	ND	ND	
107P	PCB-1254 (Arochlor 1254)	10	10	ND	ND	
108P	PCB-1221 (Arochlor 1221)	ND	ND	ND	ND	
109P	PCB-1232 (Arochlor 1232)	ND	ND	9.3	7.1	
110P	PCB-1248 (Arochlor 1248)	ND	ND	ND	ND	SAL(0.024)
111P	PCB-1260 (Arochlor 1260)	ND	ND	ND	ND	
112P	PCB-1016 (Arochlor 1016)	11	10	ND	ND	wastewater effluent.
113P	Toxaphene	ND	ND	ND	ND	
114B	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	ND	ND	ND	ND	PPB

		INFLUENT	EFFLUENT
	Endosulfan and Metabolites:		
95P	α-endosulfan (Alpha)	NR	NR
96P	β-endosulfan (Beta)	NR	NR
97P	endosulfan sulfate	NR	NR
	Endrin and Metabolites:		
98P	endrin	NR	NR
99P	endrin aldehyde	NR	NR
	Heptachlor and Metabolites:		
100P	heptachlor	NR	NR
101P	heptachlor epoxide	NR	NR
	Hexachlorocyclohexane (All Isomers):		
102P	α-BHC (Alpha)	NR	NR
103P	β-BHC (Beta)	NR	NR
104P	γ-BHC (Gamma)-(lindane)	NR	NR
105P	δ-BHC (Delta)	NR	NR
	Polychlorinated Biphenyls (PCB's):		
106P	PCB-1242 (Arochlor 1242)	NR	NR
107P	PCB-1254 (Arochlor 1254)	NR	NR
108P	PCB-1221 (Arochlor 1221)	NR	NR
109P	PCB-1232 (Arochlor 1232)	NR	NR
110P	PCB-1248 (Arochlor 1248)	NR	NR
111P	PCB-1260 (Arochlor 1260)	NR	NR
112P	PCB-1016 (Arochlor 1016)	NR	NR
113P	Toxaphene	NR	NR
114B	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	ND	ND

NR = "not reported"

TAB:E		MW1	M	REFERENCE CRITERIA
	Endosulfan and Metabolites:			
95P	α-endosulfan (Alpha)	NR	NR	
96P	β-endosulfan (Beta)	NR	NR	
97P	endosulfan sulfate	NR	NR	PPM
	Endrin and Metabolites:			
98P	endrin	NR	NR	
99P	endrin aldehyde	NR	NR	
	Heptachlor and Metabolites:			
100P	heptachlor	NR	NR	
101P	heptachlor epoxide	NR	NR	
	Hexachlorocyclohexane (All Isomers):			
102P	α-BHC (Alpha)	NR	NR	
103P	β-BHC (Beta)	NR	NR	
104P	γ-BHC (Gamma)-(lindane)	NR	NR	
105P	δ-BHC (Delta)	NR	NR	
	Polychlorinated Biphenyls (PCB's):			
106P	PCB-1242 (Arochlor 1242)	ND	ND	
107P	PCB-1254 (Arochlor 1254)	< 0.05	< 0.05	
108P	PCB-1221 (Arochlor 1221)	ND	ND	<.05 PPM
109P	PCB-1232 (Arochlor 1232)	ND	ND	
110P	PCB-1248 (Arochlor 1248)	ND	ND	
111P	PCB-1260 (Arochlor 1260)	ND	ND	
112P	PCB-1016 (Arochlor 1016)	ND	ND	
113P	Toxaphene	ND	ND	
114B	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	ND	ND	

analysis from marine waters

NO.	COMPOUND, (mg/kg)	ZID S1	BEYOND ZID S2	REFERENCE CRITERIA
	Endosulfan and Metabolites:			
95P	α-endosulfan (Alpha)	NR	NR	
96P	β-endosulfan (Beta)	NR	NR	
97P	endosulfan sulfate	NR	NR	
	Endrin and Metabolites:			
98P	endrin	NR	NR	
99P	endrin aldehyde	NR	NR	
	Heptachlor and Metabolites:			
00P	heptachlor	NR	NR	
01P	heptachlor epoxide	NR	NR	
	Hexachlorocyclohexane (All Isomers):			
02P	α-BHC (Alpha)	NR	NR	
03P	β-BHC (Beta)	NR	NR	
04P	γ-BHC (Gamma)-(lindane)	NR	NR	
05P	δ-BHC (Delta)	NR	NR	
	Polychlorinated Biphenyls (PCB's): (mg/kg)			
06P	PCB-1242 (Arochlor 1242)	ND	ND	Sediments
07P	PCB-1254 (Arochlor 1254)	8.75	27.0	PPM
08P	PCB-1221 (Arochlor 1221)	ND	ND	
09P	PCB-1232 (Arochlor 1232)	ND	ND	
10P	PCB-1248 (Arochlor 1248)	ND	ND	
11P	PCB-1260 (Arochlor 1260)	ND	ND	(see following page)
12P	PCB-1016 (Arochlor 1016)	ND	ND	
113P	Toxaphene	ND	ND	
114B	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	ND	ND	

CITY OF NEW BEDFORD

TABLE XVII-15. ANALYSIS FOR SELECTED METALS AND POLYCHLORINATED BIPHENYLS (PCBs) IN SEDIMENTS AT THE NEW BEDFORD SITE

Location and Station No.	Concentrated Metals (mg/kg)[1]													PCB (mg/kg)[1]
	Hg	Se	Be	Cd	Cr	Cu	Ni	Pb	Zn	Ag	As	Sb	Tl	
ZID														
S1	0.1545	<8.00	0.055	25.0	210.	705.	9.95	750.	550.	0.270	6.90	2.25	<0.9	8.75
BEYOND THE ZID														
S2	0.4779	<8.00	0.500	56.5	515.	895.	46.5	715.	995.	0.770	14.5	<9.	<0.9	27.
S10	0.0153	<8.00	0.100	0.335	10.5	20.0	2.15	13.0	11.5	<1.	5.00	<9.	<0.9	0.3
S11	0.0306	<8.00	0.160	1.10	46.5	59.0	5.90	36.5	12.5	0.58	6.20	<9.	<0.9	0.2
S12	0.0217	<8.00	0.215	4.50	17.0	21.0	3.55	29.0	25.0	0.26	3.60	1.80	<0.9	0.2
Control														
S17	0.0336	<8.00	<0.8	0.440	31.5	21.5	8.70	7.15	34.0	0.510	11.0	<9.	<0.9	ND
S18	0.0160	<8.00	0.520	0.330	51.0	31.5	8.05	48.5	54.5	0.38	13.5	<9.	<0.9	ND
S19	0.0287	<8.00	0.645	0.400	40.5	24.0	7.75	45.0	51.0	0.60	10.5	<9.	<0.9	ND
S20	<0.0042	<8.00	0.720	0.155	28.5	17.0	8.45	36.0	50.0	<1.	11.0	<9.	<0.9	ND
Proposed Outfall														
S8	0.0321	<8.00	0.340	0.465	41.5	21.5	11.5	42.5	55.5	<1.	14.5	<9.	<0.9	ND
S9	0.0359	<8.00	0.360	0.075	22.0	9.20	5.10	26.5	28.0	<1.	10.0	<9.	<0.9	ND

Notations:

NR : Not Reported
ND : None Detected
NA : Not Applicable

ND = < 0.002 mg/kg

[1] PCB and metals expressed as mg/kg on a dry weight basis

NO.	COUNDS, (mg/kg)	5		REFERENCE CRI. A
	Endosulfan and Metabolites:			
95P	α-endosulfan (Alpha)	NR		
96P	β-endosulfan (Beta)	NR		
97P	endosulfan sulfate	NR		
	Endrin and Metabolites:			
98P	endrin	NR		
99P	endrin aldehyde	NR		
	Heptachlor and Metabolites:			
100P	heptachlor	NR		
101P	heptachlor epoxide	NR		
	Hexachlorocyclohexane (All Isomers):			
102P	α-BHC (Alpha)	NR		
103P	β-BHC (Beta)	NR		
104P	γ-BHC (Gamma)-(lindane)	NR		
105P	δ-BHC (Delta)	NR		
	Polychlorinated Biphenyls (PCB's): (μg/g)			
106P	PCB-1242 (Arochlor 1242)	ND		
107P	PCB-1254 (Arochlor 1254)	<0.001	PPM	shellfish
108P	PCB-1221 (Arochlor 1221)	ND		
109P	PCB-1232 (Arochlor 1232)	ND		
110P	PCB-1248 (Arochlor 1248)	ND		
111P	PCB-1260 (Arochlor 1260)	ND		
112P	PCB-1016 (Arochlor 1016)	ND		
113P	Toxaphene	ND		
114B	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	ND		

TABLE XVII-17. ANALYSIS FOR SELECTED METALS AND POLYCHLORINATED BIPHENYLS (PCBs) IN SHELLFISH AT THE NEW BEDFORD SITE

Quality

Location and Station No.	Concentration Metals (mg/Kg)[1]													PCB(mg/Kg)[1]
	Hg	Se	Be	Cd	Cr	Cu	Ni	Pb	Zn	Ag	As	Sb	Tl	
	509	511	503	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	502	[illegible]	513	
ZID														
SF5	<0.0119	<2.00	0.205	0.205	3.25	1.85	4.35	<0.11	11.5	0.10	4.05	<0.7	<0.07	<0.001 1254
Beyond ZID														
SF2	<0.0119	<2.00	0.125	0.040	1.27	0.23	0.21	<0.11	1.15	0.09	2.70	<0.7	<0.07	1.000
SF3	<0.0119	<2.00	0.155	0.230	2.20	1.10	0.80	<0.11	6.60	0.39	2.95	<0.7	<0.07	0.068
SF4	0.0774	<2.00	0.140	0.25	2.95	0.33	2.85	<0.11	6.35	<0.07	2.55	<0.7	<0.07	0.062
SF6	0.0137	<2.00	<0.05	0.50	4.25	1.70	8.60	<0.11	10.5	0.31	3.60	<0.7	<0.07	0.005
SF19	<0.0119	<2.00	<0.05	0.280	3.10	1.15	0.96	<0.11	5.15	0.09	2.55	<0.7	<0.07	0.012 ?
SF16	0.1015	<2.00	0.130	0.250	3.65	0.44	2.20	<0.11	4.50	0.120	3.45	<0.7	<0.07	0.407
SF17	<0.0119	<2.00	0.150	0.36	4.00	1.80	5.45	0.09	20.5	0.43	2.80	<0.7	<0.07	0.007
Control														
SF15	0.0246	<2.00	0.155	0.52	2.85	1.25	1.35	0.16	13.5	0.17	3.90	<0.7	<0.07	0.003
Proposed Outfall														
SF14	0.0548	<2.00	0.170	0.180	1.75	0.51	0.76	<0.11	2.65	<0.07	3.75	<0.7	<0.07	0.001

Notations:
NR : Not Reported
ND : None Detected
NA : Not Applicable

[1]PCB and metals expressed as mg/Kg on a wet weight basis.

TABLE XVII-19. PCB LEVELS FOR SEDIMENTS AND ORGANISMS FROM NEW BEDFORD HARBOR

LOCATION (See Figure 6)	DATE	SOURCE	SAMPLE DESCRIPTION	TOTAL PCB (ppm) (Dry/Wet Basis Noted)
1. Channel to Inner Harbor	5/10/78	DEQE	Sediment	7.2 dry as 1254
(E)	9/76	FSE (for EPA)	Sediment	4.1 dry
(W)	9/76	FSE (for EPA)	Sediment	77.9 dry
2. Off Cornell Dublier	5/10/78	DEQE	Sediment 0-4" depth	6.8 dry as 1254
	5/10/78	DEQE	Sediment 4-8" depth	8.4 dry as 1254
	3/78	Hatch & Farrington ('79)	Quahog (n=2)	2.8 dry as 1254
				0.35 wet as 1254
3. Butler Flats	9/76	DMF	Quahog	1.81 wet; 11.1 dry
	3/77	DMF	Lobster (n=1)[2]	3.1 wet as 1260
	5/77	DEQE	Lobster (n=2)[2]	10.0 wet as 1254
	7/78	DMF	Lobster (n=1)[2]	4.7 wet; 27.4 dry
4. Egg Island	3/77	DMF	Lobster (n=1)	2.2 wet as 1260
	5/77	DMF	Lobster (n=1)	6.3 wet
	5/77	DMF	Striped Bass	2.7 wet
	7/78	DMF	Quahog	0.7 wet; 7.0 d
5. Hacker Street Marsh	5/77	DMF	Striped Bass (n=3)	1.3 wet (Range .0)
	5/77	DMF	Bluefish (n=2)	1.3 wet
6. Little Egg Island	9/76	DMF	Quahog	3.5 wet; 18.0 dry
7. West of Sconticut Neck	9/76	DMF	Sediment	0.16 wet; 0.2 dr
8. Silver Shell Beach	9/76	DMF	Scup	11.4 wet; 42.2 dry
	9/76	DMF	Tautog	1.2 wet; 5.6 dry
9. Fort Rodman East	7/78	DMF	Lobster (n=6)	3.2 wet (range 1.0-9.0)
				16.4 dry
10. Fort Rodman West	3/78	Hatch & Farrington ('79)	Quahog	0.21 wet as 1254
				1.75 dry as 1254
11. Outfall	9/76	DMF	Quahog	1.3 wet; 9.49 dry
	5/78	DEQE	Sediment (0-2" depth)	0.4 dry as 1254
12. Clark Cove North	9/76	DMF	Quahog	0.35 wet; 2.78 dry
	9/76	FSE (for EPA)	Quahog	17.7 dry
13. Clark Cove Northwest	3/78	Hatch & Farrington ('79)	Quahog	0.11 wet as 1254[1]
				0.88 dry as 1254

TABLE XVII-19, CONTI.

	LOCATION	DATE	SOURCE	SAMPLE DECSRIPTION	TOTAL PCB (ppm) (Dry/Wet Basis Noted)
14.	Clark Cove, Southwest	3/78	Hatch & Farrington ('79)	Quahog	0.19 wet as 125[illegible] 1.54 dry as 125[illegible]
15.	Outside Closure, West	9/76 9/76 9/76	DMF FSE (for EPA) FSE (for EPA)	Quahog Quahog Quahog	0.47 wet 3.38 dry 5.0 dry
16.	Buzzards Bay	9/76	LES	Flounder	11.0 wet
17.	Apponagansett Bay, North	3/78	Hatch & Farrington ('79)	Quahog	0.04 wet as 125[illegible]; 0.29 dry as 1254
18.	Appomagansett Bay, South	3/78	Hatch & Farrington ('79)	Quahog	0.18 wet as 1254[illegible] 1.42 dry as 125[illegible]
19.	Apponagansett Bay, Entrance	9/76 9/76 	FSE (EPA) DMF FDA	Quahog Quahog Quahog	3.6 dry 0.17 wet; 1.33 dry 0.2 wet
20.	Off Round Hill Point	3/78	Hatch & Farrington ('79)	Quahog	0.08 wet as 1254[illegible]; 0.63 dry as 125[illegible]
21.	Buzzards Bay	3/78	Hatch & Farrington ('79)	Quahog	0.03 wet as 1254[illegible]; 0.23 dry as 125[illegible]
22.	Buzzards Bay	3/78	Hatch & Farrington ('79)	Quahog	0.13 wet as 1254[illegible]; 1.04 dry as 125[illegible]
23.	North Ledge	9/76	DMF	Quahog	0.44 wet; 3.0[illegible] dry
24.	Buzzards Bay	9/76	DMF	Quahog	0.41 wet; 3.29 dry
25.	Black Rock	9/76	DMF	Quahog	0.32 wet; 2.3[illegible] dry
26.	Wilbur Point	3/77 5/77	DMF DMF	Lobster[2] Lobster (n=2)[2]	2.12 wet as 126[illegible] 5.4 wet
27.	Negro Ledge	9/76 9/76	LES LES	Flounder Butterfish	11.0 wet 0.07 wet
28.	Henrietta Rock	9/76	LES	Flounder	5.6 wet
29.	Navigation Channel	9/76 9/76 9/76 9/76 9/76	LES LES LES LES LES	Lobster: tail Lobster: claw Lobster: tomale Cunner Fluke	3.8 wet 13.0 wet 17.0 wet 20.0 wet 7.9 wet
30.	Navigation Channel	9/76	LES	Fluke	7.1 wet

(continued)

TABLE XVII-19. CONTI.

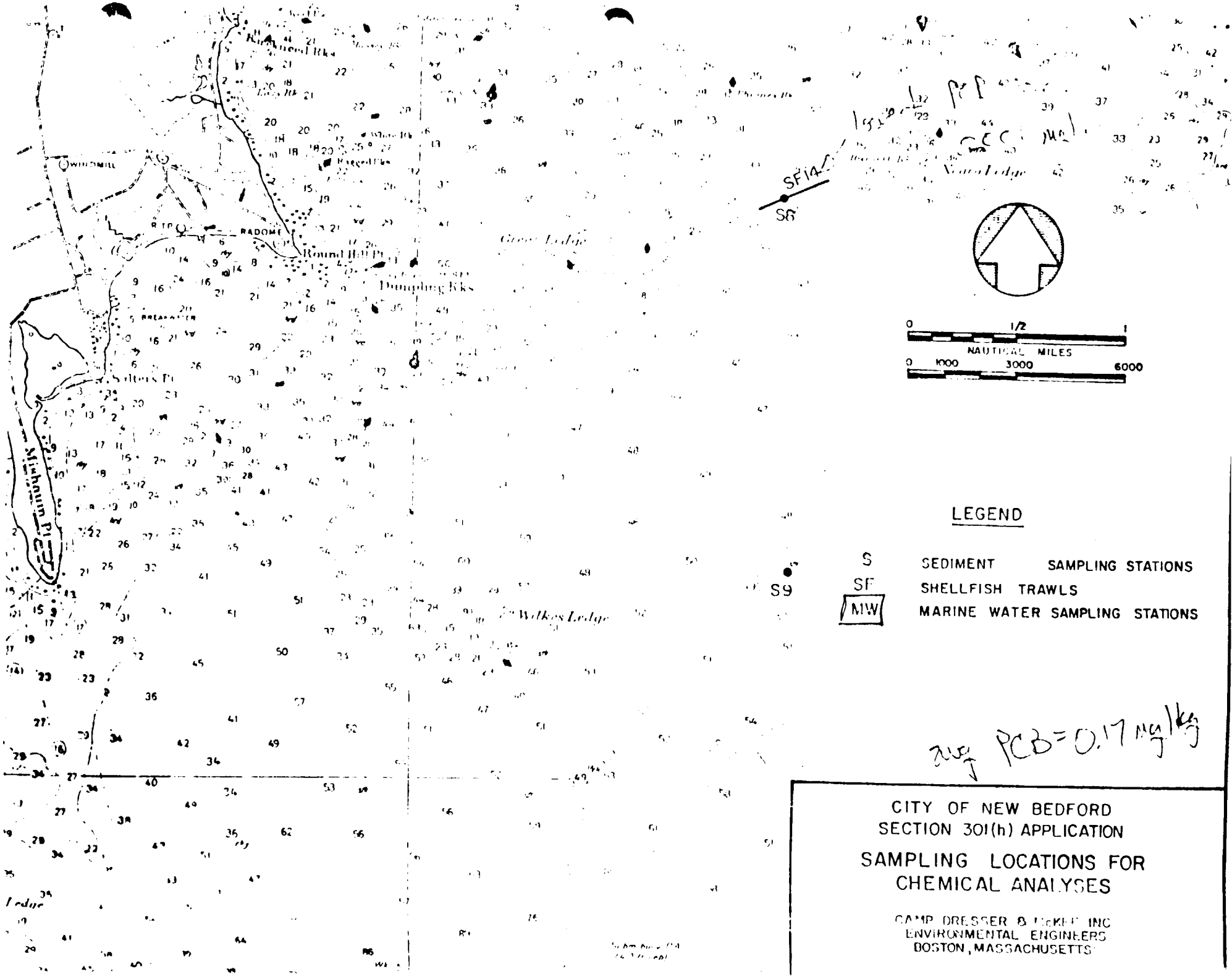
Notes:

[1] Wet Weight = calculated from ppm dry $\left(\frac{Dry}{8}\right)$

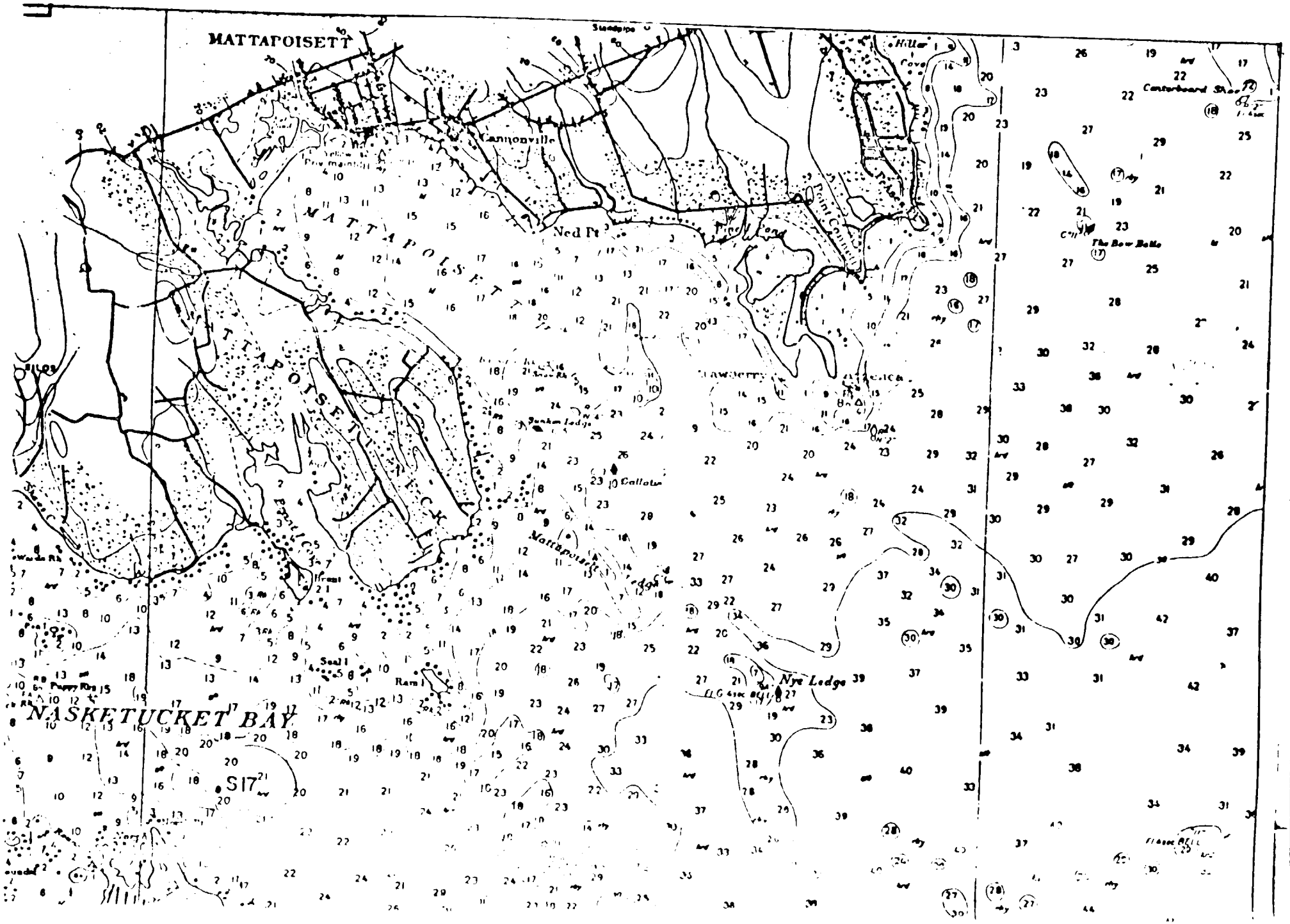
[2] Edible portion analyzed = tail, claw, tomale

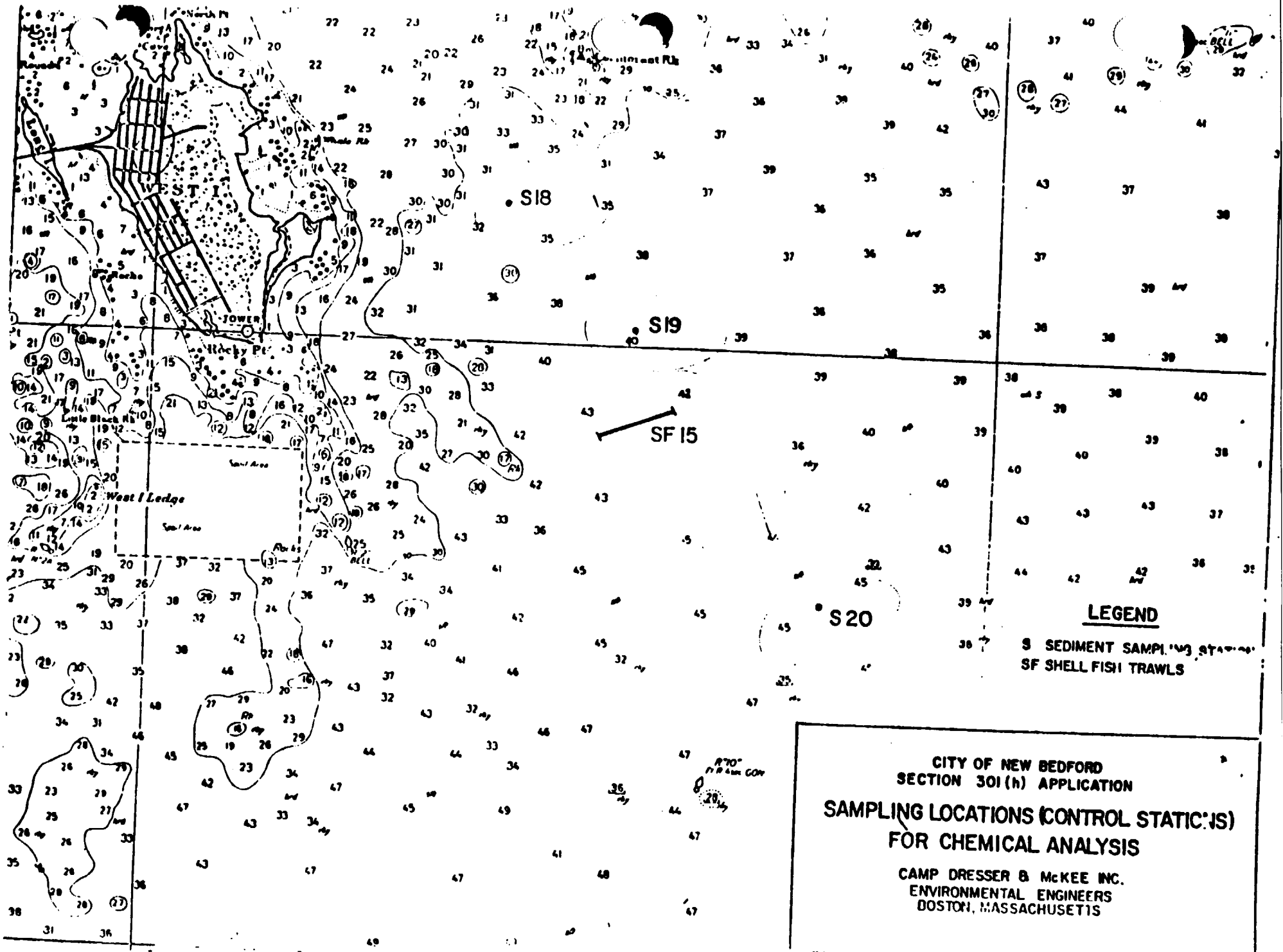
DEQE Department of Environmental Quality Engineering (1977, 1978).
DMF MA Division of Marine Fisheries (1976, 1977, 1978).
LES Lawrence Experiment Station (1976).
FSE Florida Environmental Science and Engineering: Laboratory analyses performed for EPA (1976).

NEW BEDFORD
FAIRHAVEN
City Hall
S.E. STACK
Rural Cemetery
HURRICANE BARRIER
CLARKS COVE
South Dartmouth
Moshee
Clarks Pt
Butler Flats
Little Bay
NASKET
Puppy Rks
Fish I
Round I
Long I
S10
S11
S12
SF2
SF3
SF4
SF5
SF6
SF16
SF17
MW1
MW2
highest PCB Cores 1,000 mg/kg
0.005
0.062
0.457
0.007



Kirkneed Rks
Windmill
Radome
Round Hill Pt
Dumpling Rks
Great Ledge
Salters Pt
Mishaum Pt
Wilkes Ledge
Ledge
SF14
S8
S9
0
1/2
1
NAUTICAL MILES
0
1000
3000
6000
LEGEND
S SEDIMENT SAMPLING STATIONS
SF SHELLFISH TRAWLS
MW MARINE WATER SAMPLING STATIONS
avg PCB = 0.17 mg/kg
CITY OF NEW BEDFORD
SECTION 301(h) APPLICATION
SAMPLING LOCATIONS FOR
CHEMICAL ANALYSES
CAMP DRESSER & McKEE INC
ENVIRONMENTAL ENGINEERS
BOSTON, MASSACHUSETTS


MATTAPOISETT
Cannonville
Ned Pt
Point Connell
Hiller Cove
Canterboard Shoe
The Bow Belle
Sunken Ledge
Gallatin
Mattapoisett Ledge
Nye Ledge
Seal I
Ram I
NASKETUCKET BAY
S17



CITY OF NEW BEDFORD
SECTION 301(h) APPLICATION

SAMPLING LOCATIONS (CONTROL STATIONS)
FOR CHEMICAL ANALYSIS

CAMP DRESSER & McKEE INC.
ENVIRONMENTAL ENGINEERS
BOSTON, MASSACHUSETTS

SEPTEMBER 197

FIG. XVII-

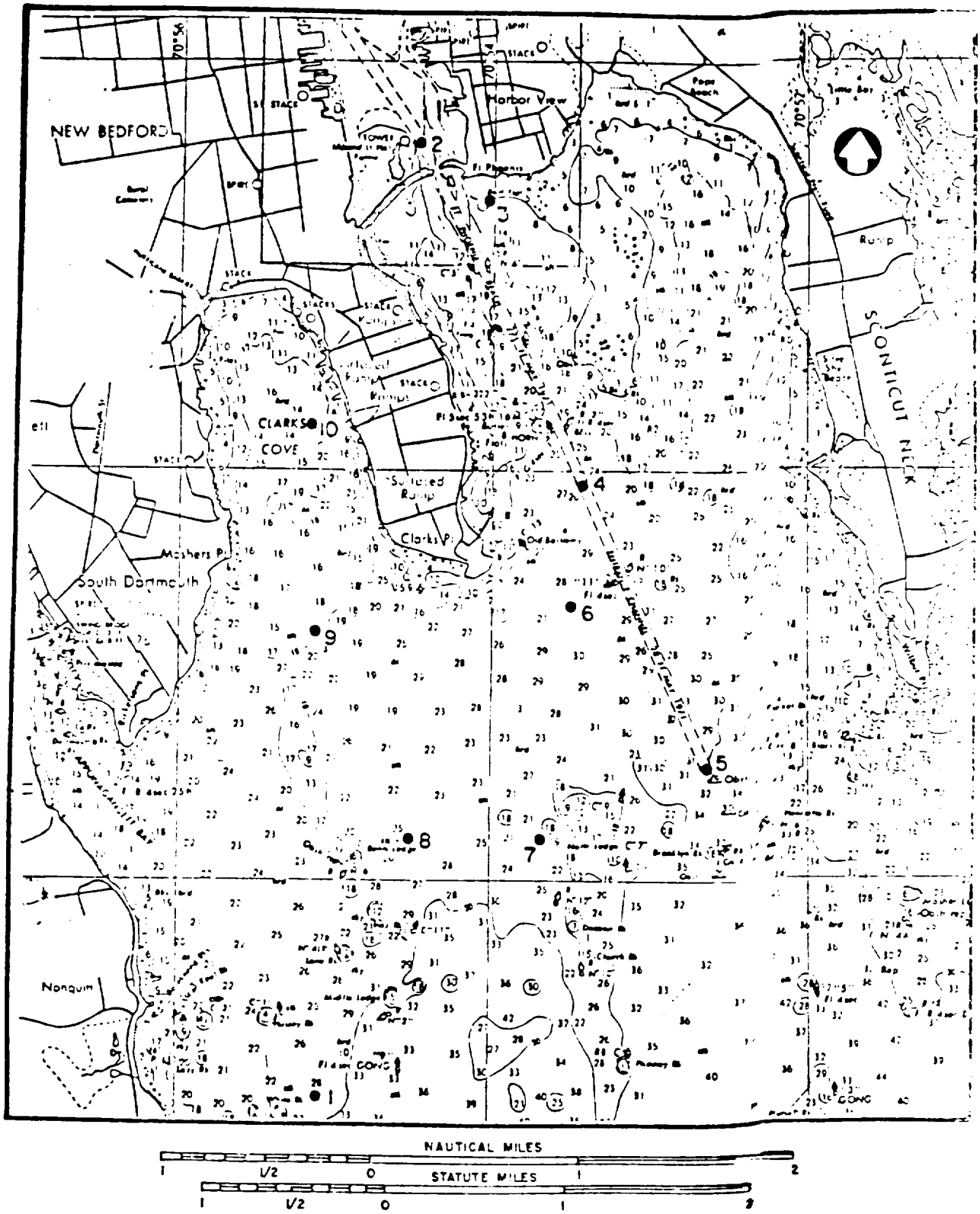


FIG. XVII-6 BENTHIC SAMPLING LOCATIONS IN NEW BEDFORD HARBOR USED BY SANDERS (1958) AND KELLY (1978)

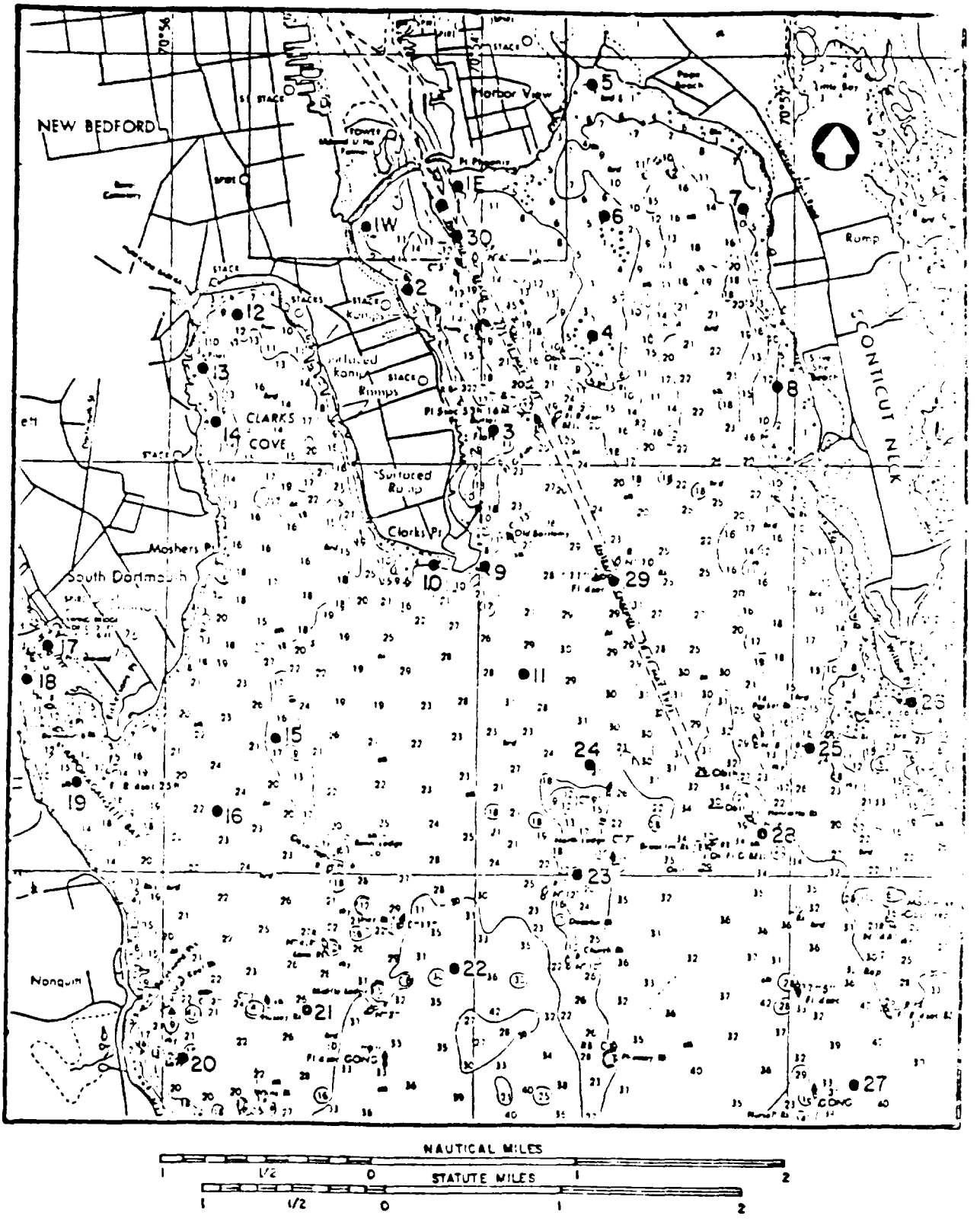


FIG. XVII-7 PCB SAMPLING LOCATIONS IN NEW BEDFORD OUTER HARBOR

REF. 1

CAT COVE MARINE LAB DATA

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
14	15	P 42	AQBPSA	EDI	100777	423	4.7 MG/KG DW	CATC EPA, 77	0048	00	CAPE COD CANAL
14A	15	P 42	AQBPSA	EDI	100777	423	1.2 MG/KG WW	CATC EPA, 77	0048	00	CAPE COD CANAL
15	16	P 43	AQBPSA	EDI	100777	423	1.3 MG/KG DW	CATC EPA, 77	0048	00	CAPE COD CANAL
15A	16	P 43	AQBPSA	"	100777	423	0.5 MG/KG WW	CATC EPA, 77	0048	00	CAPE COD CANAL
16		P 44	AQBPSA	"	100777	423	2.5 MG/KG DW	CATC EPA, 77	0048	00	CAPE COD CANAL
16A		P 44	AQBPSA	"	100777	423	0.6 MG/KG WW	CATC EPA, 77	0048	00	CAPE COD CANAL
17		P 45	AQBPSA	"	100777	423	1.8 MG/KG DW	CATC EPA, 77	0048	00	CAPE COD CANAL
17A		P 45	AQBPSA	"	100777	423	0.5 MG/KG WW	CATC EPA, 77	0048	00	CAPE COD CANAL
20		P 58	AQBPSA	"	081077	423	2.2 MG/KG DW	CATC EPA, 77	0048	00	CAPE COD BAY
20A		P 58	AQBPSA	"	081077	423	0.9 MG/KG WW	CATC EPA, 77	0048	00	Cape Cod Bay
21		P 59	AQBPSA	"	101877	423	4.8 MG/KG DW	CATC EPA, 77	0048	00	SOUTHSIDE, MARTHA'S VINEYARD
21A		P 59	AQBPSA	"	101877	423	1.2 MG/KG WW	CATC EPA, 77	0048	00	Southside, Martha's Vineyard
45B	D-1		AQBMME	EDI	092376	423	1.32 MG/KG DW	CATC EPA, 76	0055	00	MIDDLE, APPONAGANSETT BAY
45C	D-1		AQBMME	"	092376	423	0.20 MG/KG WW	CATC EPA, 76	0055	00	MIDDLE, APPONAGANSETT BAY
46B	D-2		AQBMME	"	092376	423	1.33 MG/KG DW	CATC EPA, 76	0055	00	MOUTH, APPONAGANSETT BAY

#15

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
46C	D-2		AQBMME	EDI	092376	423	0.17 MG/KG WW	CATC EPA. 76	0055	00	MOUTH, APPONAGANSETT BAY
47A	D-3		AQBMME	"	092376	423	3.38 MG/KG DW	CATC EPA. 76	0055	00	BUZZARDS BAY
47B	D-3		AQBMME	"	092376	423	0.47 MG/KG WW	CATC EPA. 76	0055	00	BUZZARDS BAY
48	NB-1		AQBMME	"	051176	~~000~~ 423	9.49 MG/KG DW	CATC EPA. 76	0055	00	NEAR STP OUTFALL OFF CLARK PT.
48A	NB-1		AQBMME	"	051176	~~000~~ 423	1.30 MG/KG WW	CATC EPA. 76	0055	00	NEAR STP OUTFALL OFF CLARK PT.
49	NB-2		AQBMME	"	051176	~~000~~ 423	2.78 MG/KG DW	CATC EPA. 76	0055	00	INNER CLARK COVE
49A	NB-2		AQBMME	"	051176	~~000~~ 423	0.35 MG/KG WW	CATC EPA. 76	0055	00	INNER CLARK COVE
50	NB-3		AQBMME	"	051176	~~000~~ 423	5.37 MG/KG DW	CATC EPA. 76	0055	00	MOUTH OF CLARK COVE
50A	NB-3		AQBMME	"	051176	~~000~~ 423	0.72 MG/KG WW	CATC EPA. 76	0055	00	MOUTH OF CLARK COVE
51	NB-4		AQBMME	"	051176	~~000~~ 423	11.1 MG/KG DW	CATC EPA. 76	0055	00	BUTLER FLATS NEAR CORNELL-DUBLIER
51A	NB-4		AQBMME	"	051176	~~000~~ 423	1.81 MG/KG WW	CATC EPA. 76	0055	00	BUTLER FLATS NEAR CORNELL-DUBLIER
52	NB-5		AQBMME	"	051176	~~000~~ 423	3.29 MG/KG DW	CATC EPA. 76	0055	00	BUZZARDS BAY
52A	NB-5		AQBMME	"	051176	~~000~~ 423	0.41 MG/KG WW	CATC EPA. 76	0055	00	BUZZARDS BAY
53	NB-6		AQBMME	"	051176	~~000~~ 423	3.08 MG/KG DW	CATC EPA. 76	0055	00	BUZZARDS BAY
53A	NB-6		AQBMME	"	051176	~~000~~ 423	0.44 MG/KG WW	CATC EPA. 76	0055	00	BUZZARDS BAY

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
54	F-1		AQBMME	EDI	051176	423 ~~000~~	7.0 MG/KG DW	CATC EPA, 76	0055	00	NEAR POPE BCH.
54A	F-1		AQBMME	"	051176	423 ~~000~~	0.7 MG/KG WW	CATC EPA, 76	0055	00	NEAR POPE BCH.
55	F-2		AQBMME	"	051176	423 ~~000~~	18.0 MG/KG DW	CATC EPA, 76	0055	00	WEST SIDE OF SCONTICUT NECK
55A	F-2		AQBMME	"	051176	423 ~~000~~	3.5 MG/KG WW	CATC EPA, 76	0055	00	WEST SIDE OF SCONTICUT NECK
56	F-4		AQBMME	"	051176	423 ~~000~~	0.44 MG/KG DW	CATC EPA, 76	0055	00	LITTLE BAY
56A	F-4		AQBMME	"	051176	423 ~~426~~	0.06 MG/KG WW	CATC EPA, 76	0055	00	LITTLE BAY
57	F-5		AQBMME	"	051176	423 ~~426~~	0.4 MG/KG DW	CATC EPA, 76	0055	00	EAST OF SCONTICUT NECK
57A	F-5		AQBMME	"	051176	423 ~~426~~	0.06 MG/KG WW	CATC EPA, 76	0055	00	EAST OF SCONTICUT NECK
58	F-6		AQBMME	"	051176	423 ~~426~~	2.35 MG/KG DW	CATC EPA, 76	0055	00	BUZZARDS BAY
58A	F-6		AQBMME	"	051176	423 ~~426~~	0.32 MG/KG WW	CATC EPA, 76	0055	00	BUZZARDS BAY
59A	NBS-1		H SED	IHB	092376	423	84.5 MG/KG DW	CATC EPA, 76	0045	00	SOUTH OF FISH I ?
59B	NBS-1		H SED	IHB	092376	423	34.8 MG/KG WW	CATC EPA, 76	0045	00	SOUTH OF FISH I ?
60A	NBS-2		J SED	IHB	092376	423	~~47.2~~ 17.7 MG/KG DW	CATC EPA, 76	0045	00	NORTH OF PALMER I ?
60B	NBS-2		J SED	IHB	092376	423	15.0 MG/KG WW	CATC EPA, 76	0045	00	NORTH OF PALMER I ?
61A	NBH B ~~NBS-3~~		K SED	OHB	092376	423	0.48 MG/KG DW	CATC EPA, 76	0045	00	SOUTH OF PALMER I ?
	"		"	"	"	"	0.19 MG/KG WW		"		

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
66A	FS-1		NM SED	IHB	092376	423	88.0 MG/KG DW	CATC EPA, 76	0045	00	OFF CRAW I
66B	FS-1		NM SED	IHB	092376	423	28.7 MG/KG WW	CATC EPA, 76	0045	00	OFF CRAW I
67A	FS-2		NM SED	IHB	092376	423	23.0 MG/KG DW	CATC EPA, 76	0055	00	Apponoganset River Basin
67B	FS-2		NM SED	IHB	092376	423	10.5 MG/KG WW	CATC EPA, 76	0055	00	"
69A	FS-4		JJ SED	OHB	092376	423	0.20 MG/KG DW	CATC EPA, 76	0055	00	"
69B	FS-4		JJ SED	OHB	092376	423	0.16 MG/KG WW	CATC EPA, 76	0055	00	"
70			AQBPAM	EDI	092376	423	~~6.0~~ 24.7 MG/KG DW	CATC EPA, 76	0045	00	New Bedford Harbor, Popes Island
70A			AQBPAM	EDI	092376	~~426~~ 423	~~2.47~~ 6.0 WW MG/KG WW	CATC EPA, 76	0045	00	"
72	NB-4		R AQBSCH	WHO	092376	~~426~~ 423	26.6 MG/KG DW	CATC EPA, 76	0045	00	~~Apponoganset R~~ ~~Apponoganset~~ Apponoganset River Basin
72A	NB-4		R AQBSCH	WHO	092376	~~426~~ 423	6.1 MG/KG WW	CATC EPA, 76	0045	00	"
73	SS-1		AQBSCH	WHO	092376	~~426~~ 423	43.2 MG/KG DW	CATC EPA, 76	0045	00	"
73A	SS-1		AQBSCH	WHO	092376	~~426~~ 423	11.4 MG/KG WW	CATC EPA, 76	0045	00	"
73B	SS-1		AQBTON	EDI	092376	~~426~~ 423	5.57 MG/KG DW	CATC EPA, 76	0045	00	"
73C	SS-1		AQBTON	EDI	092376	~~426~~ 423	1.18 MG/KG WW	CATC EPA, 76	0045	00	"
74			AQBCSA	EDI	092376	423	29.5 MG/KG DW	CATC EPA, 76	0045	00	New Bedford Harbor Popes Island

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
74A			AQBCSA	EDI	092376	423	5.57 MG/KG WW	CATC EPA, 76	0045	00	New Bedford Harbor, Popes Island
92	92		AQBPAM	EDI	10 76	423 ~~420~~	0.25 MG/KG DW	CATC EPA, 76	0045	00	BARNSTABLE HARBOR
92A	92A		AQBPAM	EDI	10 76	423 ~~426~~	0.05 MG/KG WW	CATC EPA, 76	0045	00	BARNSTABLE HARBOR
93	93		AQBPAM	EDI	10 76	423 ~~426~~	0.15 MG/KG DW	CATC EPA, 76	0045	00	BASS RIVER
93A	93A		AQBPAM	EDI	10 76	423 ~~426~~	0.03 MG/KG WW	CATC EPA, 76	0045	00	BASS RIVER
94	94		AQBPAM	EDI	10 76	423 ~~426~~	0.05 MG/KG DW	CATC EPA, 76	0045	00	WELLFLEET HARBOR
94A	94A		AQBPAM	EDI	10 76	423 ~~426~~	0.01 MG/KG WW	CATC EPA, 76	0045	00	WELLFLEET HARBOR
95	95		AQBPAM	EDI	10 76	423 ~~426~~	0.10 MG/KG DW	CATC EPA, 76	0045	00	WAQUOIT BAY
95A	95A		AQBPAM	EDI	10 76	423 ~~426~~	0.02 MG/KG WW	CATC EPA, 76	0045	00	WAQUOIT BAY
96	96		AQBPAM	EDI	10 76	423 ~~426~~	0.2 ~~0.04~~ MG/KG DW	CATC EPA, 76	0045	00	ESSEX BAY
~~97~~	~~97~~ 96A		AQBPAM	EDI	10 76	423 ~~426~~	0.04 ~~0.02~~ MG/KG WW	CATC EPA, 76	0045	00	ESSEX BAY
98	98		AQBPAM	EDI	10 76	423 ~~426~~	0.10 MG/KG DW	CATC EPA, 76	0045	00	PLEASANT BAY
98A	98A		AQBPAM	EDI	10 76	423 ~~426~~	0.02 MG/KG WW	CATC EPA, 76	0045	00	PLEASANT BAY
122	122	B-1	AQBHAM	EDI	050677	423	8.2 MG/KG WW	CATC WHOI,79	0049	00	
123	123	B-2	AQBHAM	EDI	050677	423	11.7 MG/KG WW	CATC WHOI,79	0049	00	

Location Ref # 45 + 47

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
124	C-1 124		AQBHAM	EDI	050677	423	7.9 MG/KG WW	CATC WHOI,79	0049	00	
125	C-2 125		AQBHAM	EDI	050677	423	9.3 MG/KG WW	CATC WHOI,79	0049	00	
126	D-1 126		AQBHAM	EDI	050677	423	6.3 MG/KG WW	CATC WHOI,79	0049	00	
127	F-1 127		AQBHAM	EDI	050677	423	4.9 MG/KG WW	CATC WHOI,79	0049	00	NORTH LEDGE
128	F-2 128		AQBHAM	EDI	050677	423	5.8 MG/KG WW	CATC WHOI,79	0049	00	NORTH LEDGE
189		JJJ-81-2 P476	AQBHAM	EDI	11 81	423 ~~426~~	1.2 PPM WW	CATC DMF, 81	0032	00	New Bedford Harbor
189A		JJJ-81-1 P477	AQBHAM	EDI	11 81	423 ~~426~~	2.0 PPM WW	CATC DMF, 81	0032	00	"
190		LLL-81-1 P478	AQBHAM	EDI	11 81	423 ~~426~~	3.3 PPM WW	CATC DMF, 81	0032	00	"
190A		LLL-81-2 P479	AQBHAM	"	11 81	423 ~~426~~	2.0 PPM WW	CATC DMF, 81	0032	00	"
191		KKK-81-1 P480	AQBHAM	"	11 81	423 ~~426~~	0.5 PPM WW	CATC DMF, 81	0032	00	"
191A		KKK-81-2 P481	AQBHAM	"	11 81	423 ~~426~~	1.7 PPM WW	CATC DMF, 81	0032	00	"
192		MMM-81-1 P482	AQBHAM	"	11 81	423 ~~426~~	0.5 PPM WW	CATC DMF, 81	0032	00	"
193		TT-81-4 P483	AQBHAM	"	11 81	423 ~~426~~	2.1 PPM WW	CATC DMF, 81	0032	00	"
194		KKK-81-3 P484	AQBHAM	"	11 81	423 ~~426~~	0.3 PPM WW	CATC DMF, 81	0032	00	"
195		MMM-81-2 P485	AQBHAM	"	11 81	423 ~~426~~	1.2 PPM WW	CATC DMF, 81	0032	00	"

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
196		RR-81-1 P486	AQBHAM	EDI	11 81	423 ~~426~~	0.9 PPM WW	CATC DMF, 81	0032	00	New Bedford Harbor
197		TT-81-6 P488	AQBHAM	EDI	11 81	423 ~~426~~	0.1 PPM WW	CATC DMF, 81	0032	00	"
198		LLL-81-3 P489	AQBHAM	"	11 81	423 ~~426~~	1.3 PPM WW	CATC DMF, 81	0032	00	"
199		MMM ~~UUU~~-81-3 P490	AQBHAM	"	11 81	423 ~~426~~	0.3 PPM WW	CATC DMF, 81	0032	00	"
200		UU-81-5 P491	AQBHAM	"	11 81	423 ~~426~~	0.4 PPM WW	CATC DMF, 81	0032	00	"
200A		UU-81-6 P492	AQBHAM	"	11 81	423 ~~426~~	0.5 PPM WW	CATC DMF, 81	0032	00	"
200B		UU-81-7 P493	AQBHAM	"	11 81	423 ~~426~~	0.3 PPM WW	CATC DMF, 81	0032	00	"
201		SS-81-5 P494	AQBHAM	"	11 81	423 ~~426~~	0.1 PPM WW	CATC DMF, 81	0032	00	"
201A		SS-81-6 P495	AQBHAM	"	11 81	423 ~~426~~	0.1 PPM WW	CATC DMF, 81	0032	00	"
202		JJJ-81-3 P496	AQBHAM	"	11 81	423 ~~426~~	1.8 PPM WW	CATC DMF, 81	0032	00	"
203		VV-81-4 P497	AQBHAM	"	11 81	423 ~~426~~	1.3 PPM WW	CATC DMF, 81	0032	00	"
204		ZZ-81-2 P499	AQBHAM	"	11 81	423 ~~426~~	1.9 PPM WW	CATC DMF, 81	0032	00	"
204A		ZZ-81-3 P500	AQBHAM	"	11 81	423 ~~426~~	0.3 PPM WW	CATC DMF, 81	0032	00	"
205		VV-81-5 P501	AQBHAM	"	11 81	423 ~~426~~	0.4 PPM WW	CATC DMF, 81	0032	00	"
205A		VV-81-6 P502	AQBHAM	"	11 81	423 ~~426~~	0.3 PPM WW	CATC DMF, 81	0032	00	"

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
206		SS-81-7 P503	AQBHAM	EDI	11 81	423 ~~426~~	1.3 PPM WW	CATC DMF, 81	0032	00	New Bedford Harbor
207		QQQ-81-5 P504	AQBHAM	EDI	11 81	423 ~~426~~	0.8 PPM WW	CATC DMF, 81	0032	00	"
207A		QQQ-81-4 P505	AQBHAM	"	11 81	423 ~~426~~	0.7 PPM WW	CATC DMF, 81	0032	00	"
208		PPP-81-7 P506	AQBHAM	"	11 81	423 ~~426~~	1.7 PPM WW	CATC DMF, 81	0032	00	"
209		RR-81-2 P507	AQBHAM	"	11 81	423 ~~426~~	1.2 PPM WW	CATC DMF, 81	0032	00	"
209A		RR-81-3 P508	AQBHAM	"	11 81	423 ~~426~~	1.5 PPM WW	CATC DMF, 81	0032	00	"
210		SSS-81-4 P509	AQBHAM	"	11 81	423 ~~426~~	0.4 PPM WW	CATC DMF, 81	0032	00	"
210A		SSS-81-5 P510	AQBHAM	"	11 81	423 ~~426~~	0.3 PPM WW	CATC DMF, 81	0032	00	"
210B		YY-81-5 P511	AQBHAM	"	11 81	423 ~~426~~	0.7 PPM WW	CATC DMF, 81	0032	00	"
211		YY-81-6 P512	AQBHAM	"	11 81	423 ~~426~~	0.7 PPM WW	CATC DMF, 81	0032	00	"
212		NNN-81-1 P513	AQBHAM	"	11 81	423 ~~426~~	1.6 PPM WW	CATC DMF, 81	0032	00	"
212A		NNN-81-2 P514	AQBHAM	"	11 81	423 ~~426~~	0.9 PPM WW	CATC DMF, 81	0032	00	"
212B		NNN-81-3 P515	AQBHAM	"	11 81	423 ~~426~~	2.1 PPM WW	CATC DMF, 81	0032	00	"
213		YY-81-7 P516	AQBHAM	"	11 81	423 ~~426~~	0.8 PPM WW	CATC DMF, 81	0032	00	"
214		QQQ-81-6 P517	AQBHAM	"	11 81	423 ~~426~~	0.7 PPM WW	CATC DMF, 81	0032	00	"

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
215		PPP-81-5 P518	AQBHAM	EDI	11 81	~~426~~ 423	0.5 PPM WW	CATC DMF. 81	0032	00	New Bedford Harbor
215A		PPP-81-6 P519	AQBHAM	"	11 81	~~426~~ 423	0.8 PPM WW	CATC DMF. 81	0032	00	"
216	81-253-946	P429 P430 P431	PPP AQBHAM	"	06 81	423	2.4 PPM WW	CATC FDA. 81	0011	00	"
217	81-253-947	P424 P423	QQQ AQBHAM	"	06 81	423	7.2 PPM WW	CATC FDA. 81	0011	00	"
218	81-253-948	P425 P426	SS AQBHAM	"	06 81	423	8.8 PPM WW	CATC FDA. 81	0011	00	"
219	81-253-949	P420 P419	SSS AQBHAM	"	06 81	423	1.5 PPM WW	CATC FDA. 81	0011	00	"
220	81-253-950	P427 P428	TT AQBHAM	"	06 81	423	8.3 PPM WW	CATC FDA. 81	0011	00	"
221	81-253-951	P416 P415	UU AQBHAM	"	06 81	423	4.0 PPM WW	CATC FDA. 81	0011	00	"
222	81-253-952	P422 P421	VV AQBHAM	"	06 81	423	2.5 PPM WW	CATC FDA. 81	0011	00	"
223	81-253-953	P418 P417 P435	YY AQBHAM	"	06 81	423	1.7 PPM WW	CATC FDA. 81	0011	00	"
224		M-80-13 P368	AQBHAM	"	121280	~~426~~ 423	15.0 PPM WW	CATC DMF. 81	0026	00	"
225		TT-80-4 P369	AQBHAM	"	12~~8~~17 80	~~426~~ 423	1.6 PPM WW	CATC DMF. 81	0026	00	"
226		SS-80-5 P370	AQBHAM	"	120880	~~426~~ 423	2.8 PPM WW	CATC DMF. 81	0026	00	"
226A		SS-80-6 P372	AQBHAM	"	120880	~~426~~ 423	2.2 PPM WW	CATC DMF. 81	0026	00	"
227		VV-80-9 P373	AQBHAM	"	120880	~~426~~ 423	0.4 PPM WW	CATC DMF. 81	0026	00	"

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
228		S-80-2 P374	AQBHAM	EDI	120880	423 ~~426~~	3.5 PPM WW	CATC DMF, 81	0026	00	New Bedford Harbor
229		M-80-12 ~~P373~~ P375	AQBHAM	EDI	120880	423 ~~426~~	20.3 PPM WW	CATC DMF, 81	0026	00	"
230		TT-80-2 P376	AQBHAM	"	121280	423 ~~426~~	2.7 PPM WW	CATC DMF, 81	0026	00	"
231		JJJ-80-4 P359	AQBHAM	EDI	121280	423 ~~426~~	3.2 PPM WW	CATC DMF, 81	0026	00	"
232		VV-80-7 P360	AQBHAM	"	120880	423 ~~426~~	1.2 PPM WW	CATC DMF, 81	0026	00	"
233		T-80-1 P363	AQBHAM	"	121280	423 ~~426~~	2.2 PPM WW	CATC DMF, 81	0026	00	"
233A		T-80-2 P366	AQBHAM	"	121280	423 ~~426~~	2.5 PPM WW	CATC DMF, 81	0026	00	"
233B		T-80-3 P364	AQBHAM	"	121280	423 ~~426~~	5.6 PPM WW	CATC DMF, 81	0026	00	"
233C		T-80-4 P361	AQBHAM	"	121280	423 ~~426~~	0.6 PPM WW	CATC DMF, 81	0026	00	"
234		TT-80-1 P362	AQBHAM	"	121280	423 ~~426~~	0.4 PPM WW	CATC DMF, 81	0026	00	"
235		S-80-1 P365	AQBHAM	"	120880	423 ~~426~~	5.9 PPM WW	CATC DMF, 81	0026	00	"
236		M-80-11 P367	AQBHAM	"	120880	423 ~~426~~	5.9 PPM WW	CATC DMF, 81	0026	00	"
237		SS-80-4 P377	AQBHAM	"	120880	423 ~~426~~	1.9 PPM WW	CATC DMF, 81	0026	00	"
238		VV-80-8 P378	AQBHAM	"	120880	423 ~~426~~	0.7 PPM WW	CATC DMF, 81	0026	00	"
239		S-80-3 P379	AQBHAM	"	120880	423 ~~426~~	1.7 PPM WW	CATC DMF, 81	0026	00	"

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
240		ZZ-80-8 P380	AQBHAM	EDI	112080	423 ~~426~~	4.9 PPM WW	CATC DMF, 81	0026	00	Badly decomposed
241		YY-80-5 ~~PP-80-8~~ P381	AQBHAM	EDI	120280	423 ~~426~~	1.3 PPM WW	CATC DMF, 81	0026	00	New Bedford Harbor
242		UU-80-12 P382	AQBHAM	EDI	112080	423 ~~426~~	0.3 PPM WW	CATC DMF, 81	0026	00	"
243		YY-80-6 P383	AQBHAM	"	120280	423 ~~426~~	1.4 PPM WW	CATC DMF, 81	0026	00	"
244		Y-80-6 P401	AQBPAM	"	112580	423 ~~426~~	1.2 PPM WW	CATC DMF, 81	0029	00	"
244A		Y-80-7 P402	AQBPAM	"	112580	423 ~~426~~	2.5 PPM WW	CATC DMF, 81	0029	00	"
245		Z-80-5 P403	AQBPAM	"	112580	423 ~~426~~	0.7 PPM WW	CATC DMF, 81	0029	00	
245A		Z-80-6 P404	AQBPAM	"	112580	423 ~~426~~	0.8 PPM WW	CATC DMF, 81	0029	00	
246		Y-80-8 P405	AQBPAM	"	112580	423 ~~426~~	0.8 PPM WW	CATC DMF, 81	0029	00	
246A		Y-80-9 P406	AQBPAM	"	112580	423 ~~426~~	0.8 PPM WW	CATC DMF, 81	0029	00	
246B		Y-80-10 P407	AQBPAM	"	112580	423 ~~426~~	1.0 PPM WW	CATC DMF, 81	0029	00	
246C		Y-80-11 P408	AQBPAM	"	112580	423 ~~426~~	0.4 PPM WW	CATC DMF, 81	0029	00	
247		MM~~Z~~-80-2,3 P409	AQBPAM	"	112580	423 ~~426~~	2.5 PPM WW	CATC DMF, 81	0029	00	2 HOMOG.
248		H-80-3,4,5 P410	AQBPAM	"	112680	423 ~~426~~	2.1 PPM WW	CATC DMF, 81	0029	00	3 HOMOG.
249		M-80-4,5,6 P411	AQBPAM	"	112680	423 ~~426~~	1.4 PPM WW	CATC DMF, 81	0029	00	3 HOMOG.

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
250		H-80-7,8,9,10 P412	AQBPAH	EDI	112680	423 ~~426~~	5.1 PPM WW	CATC DMF, 81	0029	00 4	HOMOG. New Bedford Harbor
251		FFF-80-4,5,6 P413	AQBPAH	"	112680	423 ~~426~~	0.6 PPM WW	CATC DMF, 81	0029	00 3	HOMOG. "
252		FFF80-7,8,9,10 P414	AQBPAH	"	112680	423 ~~426~~	1.4 PPM WW	CATC DMF, 81	0029	00 4	HOMOG. "
260		LL-79 (79) ~~2-LL~~ P 153	AQBPAH	EDI	071079	423	7.5 PPM WW	CATC DMF, 79	0034	00 3	FLOUNDER "
260A		LL-79(79) ~~2-LL~~ P 153	AQBPAH	EDI	071079	423	33 DW PPM [redacted]	CATC DMF, 79	0034	00 3	FLOUNDER "
261		MM-79-3 ~~1-MM~~ P233	AQBPAH	EDI	082379	423	8.1 PPM WW	CATC DMF, 79	0040	00 5	FLOUNDER "
261A		MM-79-3 ~~1-MM~~ P233	AQBPAH	EDI	082379	423	38.4 PPM DW	CATC DMF, 79	0040	00 5	FLOUNDER "
262		BBB-79-1 ~~3-BBB~~ P255	AQBPAH	EDI	101679	423	0.2 PPM WW	CATC DMF, 79	0036	00	"
262A		BBB-79-1 ~~3-BBB~~ P255	AQBPAH	EDI	101679	423	1.1 PPM DW	CATC DMF, 79	0036	00	"
263		CCC-79-1 ~~3-CCC~~ P244	AQBPAH	EDI	101679	423	1.6 PPM WW	CATC DMF, 79	0037	00	"
263A		CCC-79-1 ~~3-CCC~~ P244	AQBPAH	EDI	101679	423	8.7 PPM DW	CATC DMF, 79	0037	00	"
264		CCC-79-2 ~~3-CCC~~ P247	AQBPAH	EDI	101679	423	0.9 PPM WW	CATC DMF, 79	0037	00	"
264A		CCC-79-2 ~~3-CCC~~ P247	AQBPAH	EDI	101679	423	4.9 ~~4.2~~ PPM DW	CATC DMF, 79	0037	00	"
265		DDD-79-1 ~~3-DDD~~ P248	AQBPAH	EDI	101679	423	0.8 PPM WW	CATC DMF, 79	0051	00	"
265A		DDD-79-1 ~~3-DDD~~ P248	AQBPAH	EDI	101679	423	3.8 ~~3.3~~ PPM DW	CATC DMF, 79	0051	00	"

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
266		EEE-79-1 P-246	~~3-EEE~~ AQBPAM	EDI	101679	423	0.6 PPM WW	CATC DMF, 79	0037	00	
266A		EEE-79-1 P-246	~~3-EEE~~ AQBPAM	EDI	101679	423	2.6 PPM DW	CATC DMF, 79	0037	00	
267		FFF-79-1 P249	~~3-FFF~~ AQBPAM	EDI	101679	423	0.5 PPM WW	CATC DMF, 79	0037	00	
267A		FFF-79-1 P249	~~3-FFF~~ AQBPAM	EDI	101679	423	2.3 PPM DW	CATC DMF, 79	0037	00	
268		GGG-79-1 P254	~~3-GGG~~ AQBPAM	EDI	101679	423	0.8 PPM WW	CATC DMF, 79	0036	00	
268A		GGG-79-1 P254	~~3-GGG~~ AQBPAM	EDI	101679	423	4.0 PPM DW	CATC DMF, 79	0036	00	
269		HHH-79-1 P256	~~3-HHH~~ AQBPAM	EDI	101679	423	1.0 PPM WW	CATC DMF, 79	0036	00	
269A		HHH-79-1 P256	~~3-HHH~~ AQBPAM	EDI	10~~1~~17 79	423	~~4.6~~ 4.8 PPM DW	CATC DMF, 79	0036	00	
270		HHH-79-2 P257	~~3-HHH~~ AQBPAM	EDI	10~~1~~17 79	423	0.2 PPM WW	CATC DMF, 79	0036	00	
276		~~HHH-79-2~~ H-1A P 15	~~2-KK~~ AQBMSA	EDI	042877	423	~~0.8~~ ~~0.4~~ 0.4 PPM WW	CATC DMF, 81	0051	00	Hacker Street Marsh
277		P H-2A 16	~~2-KK~~ AQBMSA	EDI	050577	423	0.5 PPM WW	CATC DMF, 81	0051	00	~~Haker~~ Hacker Street Marsh
278		P H-3A 17	~~2-KK~~ AQBMSA	EDI	050677	423	3.0 PPM WW	CATC DMF, 81	0051	00	Hacker Street Marsh
279		P D-4A 14	~~2-S~~ AQBMSA	EDI	052077	423	2.7 PPM WW	CATC DMF, 81	0051	00	Egg Island
280		P H-4A 18	~~2-KK~~ AQBPSA	EDI	052177	423	1.0 PPM WW	CATC DMF, 81	0051	00	Hacker Street Marsh
281		H-5A P 13	~~2-KK~~ AQBPSA	EDI	052177	423	1.6 PPM WW	CATC DMF, 81	0051	00	Hacker Street Marsh
270A	HHH-79-2		AQBPAM	EDI	101779	423	0.8	CATC	0036	00	

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
282	48C	S-79-4 p230	~~2-5~~ AQBPSA	EDI	083079	423	16.5 PPM WW	CATC DMF, 81	0051	00	New Bedford Harbor
283	283	S-79-5 p231	~~2-5~~ AQBPSA	EDI	083079	423	1.4 PPM WW	CATC DMF, 81	0051	00	"
284		H-79-(1-3) p167	~~2-H~~ AQBARO	EDI	071079	423	24.0 PPM WW	CATC DMF, 81	0035	00	COMPOSITE OF 3 EELS
284A		H-79 (1-3) p167	~~1-H~~ AQBARO	EDI	071079	423	52 PPM DW	CATC DMF, 81	0035	00	COMPOSITE OF 3 EELS
285		Q-79 p156	~~2-Q~~ AQBARO	EDI	071079	423	38.0 PPM WW	CATC DMF, 79	0051	00	New Bedford Harbor
285A		Q-79 p156	~~2-Q~~ AQBARO	EDI	071079	423	115 PPM DW	CATC DMF, 79	0051	00	"
286		A-79-1 p161	~~1-A~~ AQBARO	EDI	071179	423	460.0 PPM WW	CATC DMF, 79	0035	00	"
286A		A-79-1 161	~~1-A~~ AQBARO	EDI	071179	423	1090 PPM DW	CATC DMF, 79	0035	00	"
287		A-79-2 p162	~~1-A~~ AQBARO	EDI	071179	423	730.0 PPM WW	CATC DMF, 79	0035	00	"
287A		A-79-2 p162	~~1-A~~ AQBARO	EDI	071179	423	2190 PPM DW	CATC DMF, 79	0035	00	"
288		A-79-3 p163	~~1-A~~ AQBARO	EDI	071179	423	670.0 PPM WW	CATC DMF, 79	0035	00	"
288A		A-79-3 p163	~~1-A~~ AQBARO	EDI	071179	423	1510 PPM DW	CATC DMF, 79	0035	00	"
289		A-79-4 p164	~~1-A~~ AQBARO	EDI	071179	423	430.0 PPM WW	CATC DMF, 79	0035	00	"
289A		A-79-4 p164	~~1-A~~ AQBARO	EDI	071179	423	1060 PPM DW	CATC DMF, 79	0035	00	"
290		A-79-5 165	~~1-A~~ AQBARO	EDI	071179	423	430.0 PPM WW	CATC DMF, 79	0035	00	"

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
290A		A-79-5 P165	~~2-A~~ AQBARO	EDI	071179	423	1030 PPM DW	CATC DMF, 79	0035	00	New Bedford Harbor
291		A-79-6 P166	~~2-A~~ AQBARO	EDI	071179	423	570.0 PPM WW	CATC DMF, 79	0035	00	"
291A		A-79-6 P166	~~2-A~~ AQBARO	EDI	071179	423	1470 PPM DW	CATC DMF, 79	0035	00	"
292		H-79-(4-7) P178-179	~~2-A~~ AQBARO	EDI	081679	423	24.0 PPM WW	CATC DMF, 79	0039	00 4 EELS	"
293		H-79 (8-11) P180-181	~~2-A~~ AQBARO	EDI	081679	423	19.0 PPM WW	CATC DMF, 79	0039	00 4 EELS	"
294		A-79-7 P182	~~2-A~~ AQBARO	EDI	081779	423	240. PPM WW	CATC DMF, 79	0039	00	"
295		A-79-8 P188	~~2-A~~ AQBARO	EDI	082279	423	33.0 PPM WW	CATC DMF, 79	0051	00	"
295A		A-79-8 P188	~~2-A~~ AQBARO	EDI	082279	423	102 PPM DW	CATC DMF, 79	0051	00	"
296		A-79-9 P189	~~2-A~~ AQBARO	EDI	082279	423	11.0 PPM WW	CATC DMF, 79	0051	00	"
296A		A-79-9 P189	~~2-A~~ AQBARO	EDI	082279	423	35 PPM DW	CATC DMF, 79	0051	00	"
297		A-79-10 P190	~~2-A~~ AQBARO	EDI	082279	423	18.0 PPM WW	CATC DMF, 79	0051	00	"
297A		A-79-10 P190	~~2-A~~ AQBARO	EDI	082279	423	74 PPM DW	CATC DMF, 79	0051	00	"
298		P-79-1 P239	2-P AQBARO	EDI	072679	423	13.8 PPM WW	CATC DMF, 79	0040	00	"
298A		P-79-1 P239	2-P AQBARO	EDI	072679	423	44.5 PPM DW	CATC DMF, 79	0040	00	"
299		P-79-2 P240	2-P AQBARO	EDI	072679	423	12.2 PPM WW	CATC DMF, 79	0040	00	

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
299A	P-79-2 →	~~2-P~~ P240	AQBARO	EDI	072679	423	32. 2 PPM DW	CATC DMF, 79	0040	00	
300	MM-79-1 →	~~1-MM~~ P229	AQBCSH	EDI	082379	423	2.3 PPM WW	CATC DMF, 79	0041	00	10 SCUP
300A	MM-79-1	~~1-MM~~ P229	AQBCSH	EDI	082379	423	10.3 PPM DW	CATC DMF, 79	0041	00	10 SCUP
301	III-79-1	3-~~III~~ P258	AQBCSH	EDI	100479	423	1.3 PPM WW	CATC DMF, 79	0036	00	
301A	III-79-1	3-~~III~~ P258	AQBCSH	EDI	100479	423	5.9 PPM DW	CATC DMF, 79	0036	00	
304		~~2-U~~	AQBPDE	EDI	092376	423	7.9 MG/KG WW	CATC DMF, 76	0051	00	
305		~~1-I~~	AQBPDE	EDI	092376	423	10.0 MG/KG WW	CATC DMF, 76	0051	00	
306		~~2-L~~	AQBPDE	EDI	092376	423	7.1 MG/KG WW	CATC DMF, 76	0051	00	
307	Y-79-1	~~2-Y~~ P160	AQBPDE	EDI	071179	423	0.2 PPM WW	CATC DMF, 79	0034	00	New Bedford Harbor
307A	Y-79-1	~~2-Y~~ P160	AQBPDE	EDI	071179	423	0.8 PPM DW	CATC DMF, 79	0034	00	"
308	MM-79-2	~~1-MM~~ P232	AQBPDE	EDI	082379	~~426~~ 423	2.1 PPM WW	CATC DMF, 79	0040	00	"
308A	MM-79-2	~~1-MM~~ P232	AQBPDE	EDI	082379	~~426~~ 423	9.5 PPM DW	CATC DMF, 79	0040	00	"
309	EEE-80-1 P274	~~3-EEE~~	AQBPDE	EDI	052980	~~426~~ 423	0.3 PPM	CATC DMF, 80	0051	00	
310	DDD-80-1 P280	~~3-DDD~~	AQBPDE	EDI	060480	~~426~~ 423	4.0 PPM	CATC DMF, 80	0051	00	
311	MM-79-4	~~1-MM~~ P234	AQBSAQ	EDI	082379	423	5.5 PPM WW	CATC DMF, 79	0040	8	WINDOPANES, composite

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
311A		MM-79-4 ~~1-MM~~ P234	AQBSAQ	EDI	082379	423	28.6 PPM DW	CATC DMF, 79	0040	00 8	WINDOPANES, composite
312		MM-79-5 ~~1-MM~~ P235	AQBSAQ	EDI	082379	423	14.3 PPM WW	CATC DMF, 79	0040	00 9	WINDOPANES, composite
312A		MM-79-5 ~~1-MM~~ P235	AQBSAQ	EDI	082379	423	77.9 PPM DW	CATC DMF, 79	0040	00 9	WINDOPANES, composite
313		MM-79-6 ~~1-MM~~ P236	AQBSAQ	EDI	082379	423	8.8 PPM WW	CATC DMF, 79	0040	00 8	WINDOPANES, composite
313A		MM-79-6 ~~1-MM~~ P236	AQBSAQ	EDI	082379	423	48.3 PPM DW	CATC DMF, 79	0040	00 8	WINDOPANES, composite
314		EEE-79-2 ~~3-EEE~~ P250	AQBSAQ	EDI	101679	423	3.1 PPM WW	CATC DMF, 79	0051	00	
314A		EEE-79-2 ~~3-EEE~~ P250	AQBSAQ	EDI	101679	423	16.6 PPM DW	CATC DMF, 79	0051	00	
315		FFF-79-3 ~~3-FFF~~ P252	AQBSAQ	EDI	101679	423	3.7 PPM WW	CATC DMF, 79	0036	00	
315A		FFF-79-3 ~~3-FFF~~ P252	AQBSAQ	EDI	101679	423	19.3 PPM DW	CATC DMF, 79	0036	00	
316		LL-79 (1-6) ~~2-LL~~ P155	AQBTON	EDI	071079	423	1.3 PPM WW	CATC DMF, 79	0034	00 6	TAUTOG, composite
316A		LL-79(1-6) ~~2-LL~~ P155	AQBTON	EDI	071079	423	5.4 PPM DW	CATC DMF, 79	0034	00 6	TAUTOG, composite
317		S-79-(1) ~~2-S~~ P158	AQBTON	EDI	071179	423	1.3 PPM WW	CATC DMF, 79	0034	00	New Bedford
317A		S-79-(1) ~~2-S~~ P158	AQBTON	EDI	071179	423	6.7 PPM DW	CATC DMF, 79	0034	00	New Bedford
318		AAA-79-1 ~~3-AAA~~ P241	AQBTON	EDI	101679	423	0.3 PPM WW	CATC DMF, 79	0037	00	"
318A		AAA-79-1 ~~3-AAA~~ P241	AQBTON	EDI	101679	423	1.2 PPM DW	CATC DMF, 79	0037	00	"

SEE BACK

CAT COVE MARINE LAB DATA

SAMP. NO.	ORIGINAL SAMP. NO. (MYE No. - corrected)	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
319		AAA-79-2 ~~3-AAA~~ P243	AQBTON	EDI	101679	423	0.8 PPM WW	CATC DMF, 79	0037	00	New Bedford
319A		AAA-79-2 ~~3-AAA~~ P243	AQBTON	EDI	101679	423	3.8 PPM DW	CATC DMF, 79	0037	00	"
320		~~AAA~~-79-3 ~~3-AAA~~ P245	AQBTON	EDI	101679	423	0.1 PPM WW	CATC DMF, 79	0037	00	"
320A		AAA-79-3 P245	3-AAA AQBTON	EDI	101679	423	0.4 PPM DW	CATC DMF, 79	0037	00	"
332		~~M-79 (1-5)~~ HG-79 (8-11) P220	2-M AQBCSA	EDI	081479	423	4.2 PPM WW	CATC DMF, 79	0051	00	9 BLUE CRAB, Composite
332A		M-79 (1-5) HG-79 (8-11) P220	2-M AQBCSA	EDI	081479	423	28.1 PPM DW	CATC DMF, 79	0051	00	9 BLUE CRAB, Composite
333			1-G AQBCSA	EDI	081679	426	4.2 PPM WW	CATC DMF, 79	0051	00	A BLUE CRAB
334	334	F-79-1 P196	~~1-F~~ AQBMAR	EDI	081679	~~426~~ 423	14.6 PPM WW	CATC DMF, 79	0051	00	New Bedford
335	335	NN-79-2 P237	~~1-NN~~ AQBCVI	EDI	081679	423	15.8 PPM WW	CATC DMF, 79	0051	00	
336	336	Z-79-1 P238	2-Z AQBMME	EDI	080979	423	1.1 PPM WW	CATC DMF, 79	0051	00	Clarks Cove Dartmouth
337	337	CC-79-1 P194	~~3-CC~~ AQBMME	EDI	080979	423	0.6 PPM WW	CATC DMF, 79	0051	00	Apponagansett River Dartmouth
338	338	NN-79-1 P193	~~1-NN~~ AQBMME	EDI	081679	423	1.6 PPM WW	CATC DMF, 79	0051	00	Fairhaven Marine
339	339	II-79-1 P191	~~2-II~~ AQBMME	EDI	081679	423	0.3 PPM WW	CATC DMF, 79	0051	00	New Bedford
340	340	R-79-1 P192	~~2-R~~ AQBMME	EDI	081679	423	0.6 PPM WW	CATC DMF, 79	0051	00	Butler Flats New Bedford
341	341	JJ-79-1 P195	~~2-JJ~~ AQBMME	EDI	081679	423	0.8 PPM WW	CATC DMF, 79	0051	00	New Bedford Harbor
341A	341A	F-79-1 P196	AQBMAR	EDI	081679	423	770 PPM DW	CATC DMF 79	0051	00	New Bedford

Convert ing ppm DW

338A	NN-79-1 P193	AQBMME	EDI	081679	423	13.1 ~~PPM~~ DW	CATC DMF, 79	0051	00	Fairhaven Marine
341A	JJ-79-1 P195	AQBMME	EDI	081679	423	6.9 PPM DW	CATC DMF, 79	0051	00	New Bedford Harbor
340A	R-79-1 P192	AQBMME	EDI	081679	423	7.3 PPM DW	CATC DMF, 79	0051	00	Butler Flats, New Bedford
337A	CC-79-1 P194	AQBMME	EDI	080979	423	4.7 PPM DW	CATC DMF, 79	0051	00	Apponagansett River, Dartmouth
339A	II-79-1 P191	AQBMME	EDI	081679	423	2.2 PPM DW	CATC DMF, 79	0051	00	New Bedford
336A	Z-79-1 P238	AQBMME	EDI	080979	423	9.4 PPM DW	CATC DMF, 79	0051	00	Clarks Cove Dartmouth

MtG No. corrected

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
342			2-T AQBHAM	EDI	031677	423	7.9 PPM WW	CATC DMF, 77	0051	00	
343			2-T AQBHAM	EDI	031477	423	1.2 PPM WW	CATC DMF, 77	0051	00	
344	344	C-6 P121	2-T AQBHAM	EDI	070678 [illegible]*	423	2.7 PPM WW	CATC DMF, 78	0051	00	Fort Rodman, New Bedford
344A	1343	C-6 P120	2-T AQBHAM	EDI	070678 072678*	423	9.0 PPM WW	CATC DMF, 78	0051	00	"
344B	1344	C-5 P117	2-T AQBHAM	EDI	070678 *	423	1.7 PPM WW	CATC DMF, 78	0051	00	"
344C	1345	C-4 P125	2-T AQBHAM	EDI	070678 *	423	2.5 PPM WW	CATC DMF, 78	0051	00	"
344D	1346	C-4 P124	2-T AQBHAM	EDI	070678 *	423	1.4 PPM WW	CATC DMF, 78	0051	00	"
344E	1347	C-3 P123	2-T AQBHAM	EDI	070678 *	423	1.0 PPM WW	CATC DMF, 78	0051	00	"
344F	1348	C-3 P122	2-T AQBHAM	EDI	070678 *	423	2.7 PPM WW	CATC DMF, 78	0051	00	"
344G	1349	C-2 P111	2-T AQBHAM	EDI	070678 *	423	1.7 PPM WW	CATC DMF, 78	0051	00	"
344H	1350	C-2 P110	2-T AQBHAM	EDI	070678 *	423	1.4 PPM WW	CATC DMF, 78	0051	00	"
344I	1351	C-1 P109	2-T AQBHAM	EDI	070678 *	423	1.4 PPM WW	CATC DMF, 78	0051	00	"
344J	1352	C-1 P108	2-T AQBHAM	EDI	070678 *	423	1.7 PPM WW	CATC DMF, 78	0051	00	"
347			2-S AQBHAM	EDI	031477	423	2.2 PPM WW	CATC DMF, 77	0051	00	
348	348	D-2 P115	2-S AQBHAM	EDI	070678 [illegible]	423	3.5 PPM WW	CATC DMF, 78	0051	00	Egg Island

MtE No — Corrected

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
348A	1356	D-2 P114	2-S AQBHAM	EDI	070678	423	5.4 PPM WW	CATC DMF, 78	0051	00	Egg Island
348B	1357	D-1 P113	2-S AQBHAM	EDI	070678	423	2.2 PPM WW	CATC DMF, 78	0051	00	"
348C	1358	D-1 P112	2-S AQBHAM	EDI	070678	423	3.7 PPM WW	CATC DMF, 78	0051	00	"
352	36, V	B-1 P116	2-S AQBHAM	EDI	070678	423	47 PPM WW	CATC DEQE,78	0051	00	Butler Island New Bedford
416		P154	H-79 (1-3) AQBARO	"	071079	423 426	14 PPM WW	CATC DMF, 79	0034	00	Composite of 3 New Bedford
416A		P154	H-79 (1-3) AQBARO	"	071079	423 426	35 PPM DW	CATC DMF, 79	0034	00	"
417		P168	LL-79 (1-6) AQBTON	"	071079	423 426	2.1 PPM WW	CATC DMF, 79	0035	00 6	TAUTOGS Comp. of 6 New Bedford
417A		P168	LL-79 (1-6) AQBTON	"	071079	423 426	9.9 PPM DW	CATC DMF, 79	0035	00 6	TAUTOGS "
418		P169	LL-79 (7-9) AQBPAM	"	071079	423 426	8.0 PPM WW	CATC DMF, 79	0035	00 3	FLOUNDERS, composite New Bedford
418A		P169	LL-79 (7-9) AQBPAM	"	071079	423 426	35.0 PPM DW	CATC DMF, 79	0035	00 3	FLOUNDERS, composite New Bedford
419		P197	G-79 (1-3) AQBPAM	"	081679	423 426	12. PPM WW	CATC DMF, 79	0038	00 3	FLOUNDERS, composite New Bedford
419A		P197	G-79 (1-3) AQBPAM	"	081679	423 426	62 PPM DW	CATC DMF, 79	0038	00 3	FLOUNDERS "
420		P198	G-79 (4-7) AQBPAM	"	081679	423 426	11 PPM WW	CATC DMF, 79	0038	00 4	FLOUNDERS, composite New Bedford
420A		P198	G-79 (4-7) AQBPAM	"	081679	423 426	58 PPM DW	CATC DMF, 79	0038	00 4	FLOUNDERS "
421		P226	AQBPSA	"	082179	423 426	0.53 PPM WW	CATC DMF, 79	0041	00	Cape Cod Bay
348D	1359	D-3 P118	AQB[illegible]	"	070678	423	1.4 PPM WW	CATC DMF, 79	0051	00	Egg Island

SAMP. NO.	ORIGINAL SAMP.NO.	STATION AND LAB NO.	SAMPLE TYPE	SOURCE AND EXACT SOURCE	DATES COLLECT., ANALYSIS	PARAM. CODE	CONCENTRATION AND UNITS	LAB AND STUDY	REF. NO.	METH. NO.	COMMENTS
421A		P226	AQBPSA	EDI	082179	423 ~~426~~	2.13 PPM DW	CATC DMF, 79	0041	00	Cape Cod Bay
422		P227	AQBPSA	"	082679	423 ~~426~~	0.80 PPM WW	CATC DMF, 79	0041	00	"
422A		P227	AQBPSA	"	082679	423 ~~426~~	2.61 PPM DW	CATC DMF, 79	0041	00	"
423		P228	AQBPSA	"	082679	423 ~~426~~	0.68 PPM WW	CATC DMF, 79	0041	00	"
423A		P228	AQBPSA	"	082679	423 ~~426~~	2.26 PPM DW	CATC DMF, 79	0041	00	"
424		S-79-4 P230	AQBPSA	"	083079	423 ~~426~~	16.5 PPM WW	CATC DMF, 79	0041	00	New Bedford
424A		S-79-4 P230	AQBPSA	"	083079	423 ~~426~~	56.9 PPM DW	CATC DMF, 79	0041	00	New Bedford
425		S-79-5 P231	AQBPSA	"	083079	423 ~~426~~	1.41 PPM WW	CATC DMF, 79	0041	00	"
425A		S-79-5 P231	AQBPSA	"	083079	423 ~~426~~	5.73 PPM DW	CATC DMF, 79	0041	00	"
426		FFF-79-2 P251	AQBPAM	"	101679	423 ~~426~~	0.50 PPM WW	CATC DMF, 79	0036	00	"
426A		FFF-79-2 P251	AQBPAM	"	101679	423 ~~426~~	2.6 PPM DW	CATC DMF, 79	0036	00	"
865	472		WST	IWW	032780 040180	423	ND UG/L	CATC DEQE,80	0064	00	C-D NO. 6 PRESS ROOM
865A	472		WST	IWW	032780 040180	425	0.1 UG/L	CATC DEQE,80	0064	00	C-D NO. 6 PRESS ROOM
866	473		WST	IWW	032780 040180	423	ND UG/L	CATC DEQE,80	0064	00	C-D BLDG G
866A	473		WST	IWW	032780 040180	425	0.1 UG/L	CATC DEQE,80	0064	00	C-D BLDG G