



Puget Sound Estuary Program

Sediment Quality Values Refinement: Volume I - Data Appendices

1988 UPDATE AND EVALUATION OF PUGET SOUND AET

FINAL REPORT

September 1988

Prepared for
U.S. Environmental Protection Agency
Region 10 - Office of Puget Sound
Seattle, Washington

TABLES

APPENDIX E - SEDQUAL DATA TABLES FOR COMPARISONS BASED ON 1986 PUGET SOUND AET

Number

E-1	1986 Puget Sound AET used in comparisons
E-2	Chemicals exceeding 1986 Puget Sound AET for amphipod bioassay and benthic infaunal stations
E-3	Samples not exceeding either amphipod or benthic infauna 1986 AET
E-4	Samples exceeding either amphipod or benthic infauna 1986 AET
E-5	Chemicals exceeding 1986 Puget Sound AET for oyster larvae and Microtox
E-6	Samples not exceeding either oyster larvae or Microtox bioassay AET
E-7	Samples exceeding either oyster larvae or Microtox bioassay AET
E-8	Summary of comparisons to oyster larvae and Microtox bioassay AET for 11 Puget Sound surveys

APPENDIX F - SEDQUAL DATA TABLES FOR COMPARISONS BASED ON 1988 PUGET SOUND AET

Number

F-1	1988 Puget Sound AET used in comparisons
F-2	Chemicals exceeding 1988 amphipod bioassay AET for Puget Sound
F-3	Chemicals exceeding 1988 benthic infaunal abundance AET for Puget Sound
F-4	Samples not exceeding 1988 amphipod bioassay AET
F-5	Samples not exceeding 1988 benthic infaunal abundance AET
F-6	Samples exceeding 1988 amphipod bioassay AET
F-7	Samples exceeding 1988 benthic infaunal abundance AET
F-8	Summary of comparisons to 1988 amphipod bioassay AET for 11 Puget Sound surveys
F-9	Summary of comparisons to 1988 benthic infaunal AET for 11 Puget Sound surveys

APPENDIX G - COMPARISON OF 1986 AND 1988 AET
USING INDEPENDENT PSDDA DATA

Number

- G-1 Reliability of 1986 and 1988 Puget Sound AET in predicting
effects for independent PSDDA surveys

APPENDIX E

**SEDQUAL DATA TABLES FOR COMPARISONS
BASED ON 1986 PUGET SOUND AET**

TABLES

Number

- E-1 1986 Puget Sound AET used in comparisons
- E-2 Chemicals exceeding 1986 Puget Sound AET for amphipod bioassay and benthic infaunal stations
- E-3 Samples not exceeding either amphipod or benthic infauna 1986 AET
- E-4 Samples exceeding either amphipod or benthic infauna 1986 AET
- E-5 Chemicals exceeding 1986 Puget Sound AET for oyster larvae and Microtox
- E-6 Samples not exceeding either oyster larvae or Microtox bioassay AET
- E-7 Samples exceeding either oyster larvae or Microtox bioassay AET
- E-8 Summary of comparisons to oyster larvae and Microtox bioassay AET for 11 Puget Sound surveys

TABLE E-1. 1986 PUGET SOUND AET USED IN COMPARISONS*

Test types listed are:

AMPT Amphipod toxicity AET.
 BENA Benthic infauna abundance AET.
 MICB Microtox bioassay AET.
 OYST Oyster larvae toxicity AET.

*NOTE: This listing does not include preliminary AET (i.e., AET defined by "greater than" values; see main report Section 2.0) because these AET are not used in determining sensitivity and efficiency.

== Group 86PSAET ==

=====

Value type: Original values, no modification or transformation.

=====

Chemical	AMPT	BENA	MICB	OYST
1-METHYLPYRENE		280.00	280.00	280.00
1,2-DICHLOROBENZENE		50.00	35.00	50.00
1,2,4-TRICHLOROBENZENE	51.00	64.00	31.00	64.00
1,3-DICHLOROBENZENE				
1,4-DICHLOROBENZENE	260.00	120.00	110.00	120.00
HEXADECENOIC ACID METHYL ESTER	2200.00			
1-METHYL PHENANTHRENE	310.00	370.00	370.00	370.00
2-METHYLNAPHTHALENE	670.00	670.00	670.00	670.00
2-METHYLPHENOL	63.00			63.00
2-METHYLPYRENE	410.00	510.00	510.00	410.00
2-METHOXYPHENOL	930.00	930.00	930.00	930.00
2,3,5 TRIMETHYL NAPHTHALENE	54.00			
2,4-DIMETHYL PHENOL		29.00	29.00	29.00
DIBENZO(A,H)ANTHRACENE	260.00	1200.00	230.00	230.00
2-METHYL PHENANTHRENE	470.00	490.00	490.00	470.00
DI-N-OCTYL PHTHALATE				
TRICHLOROETHENE				
4-METHYL PHENOL	1200.00	670.00	670.00	670.00
TETRACHLOROETHYLENE		140.00	140.00	140.00
PENTACHLOROCYCLOPENTANE			25.00	
PENTACHLOROPHENOL				
HEXACHLOROCYCLOHEXANE-GAMMA (LINDANE)				
HEXACHLOROBENZENE	130.00	230.00	70.00	230.00
HEXACHLOROBUTADIENE	290.00	270.00	120.00	270.00
HEXACHLOROETHANE				
ACENAPHTHENE	630.00	500.00	500.00	500.00
ACENAPHTHYLENE	560.00	640.00		
ALDRIN (PESTICIDE)				
ANTHRACENE	960.00	1300.00	960.00	960.00
ARSENIC	93.00	85.00	700.00	700.00
BIS(2-ETHYLHEXYL)PHTHALATE		1900.00	1900.00	1900.00
BENZO(A)ANTHRACENE	1600.00	4500.00	1300.00	1600.00
BENZO(A)PYRENE	2400.00	6800.00	1600.00	1600.00
BENZOIC ACID		650.00	650.00	650.00
BENZYL ALCOHOL	73.00	73.00	57.00	73.00
BENZO(G,H,I)PERYLENE	740.00	5400.00	670.00	720.00
BIPHENYL	260.00	270.00	270.00	260.00

BUTYL BENZYL PHTHALATE		470.00	63.00	
CADMIUM	6.70	5.80	9.60	9.60
CHLORDANE				
CHRYSENE	2800.00	6700.00	1400.00	2800.00
COPPER	807.00	311.00	385.00	385.00
COPROSTANOL			140.00	
CYMENE (UNSPECIFIED ISOMER)	2800.00	1100.00	1100.00	2300.00
DIETHYL PHTHALATE		97.00		
DIBENZOFURAN	540.00	540.00	540.00	540.00
DIBENZOTHIOPHENE	240.00	250.00	250.00	240.00
DIELDRIN (PESTICIDE)				
DI-N-BUTYL PHTHALATE			1400.00	1400.00
DIMETHYL PHTHALATE	160.00	160.00	71.00	160.00
ETHYLBENZENE		37.00	33.00	37.00
FLUORANTHENE	3900.00	6300.00	1700.00	2500.00
FLUORENE	540.00	640.00	540.00	540.00
HEPTACHLOR (PESTICIDE)				
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	18000.00		52000.00	17000.00
INDENO(1,2,3-CD)PYRENE	690.00		600.00	690.00
ISOPIMADIENE	1500.00	1500.00	1400.00	1500.00
KAUR-16-ENE	2000.00	2000.00	2000.00	2100.00
LEAD	661.00	303.00	531.00	661.00
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	5200.00	6100.00	5200.00	5200.00
MERCURY	2.07	0.88	0.41	0.59
NAPHTHALENE	2100.00	2100.00	2100.00	2100.00
TOTAL NITROGEN (NO3+NO3+NH4)	0.89	0.28	0.28	0.28
N-NITROSO DIPHENYLAMINE	220.00	63.00	40.00	130.00
OIL AND GREASE	3400.00	4300.00	1100.00	4300.00
POLYCHLORINATED BIPHENYLS	2500.00	1100.00	130.00	1100.00
PENTACHLOROBUTADIENE	3200.00		770.00	
PHENANTHRENE	2100.00	3200.00	1500.00	1500.00
PHENOL	560.00	1200.00	1200.00	420.00
P,P'-DDD	43.00	2.00		
P,P'-DDE	15.00	9.00		
P,P'-DDT	3.90	11.00		
PYRENE	4300.00		2600.00	3300.00
RETENE	1200.00			
SILVER		5.20		
SULFIDES		45.00	45.00	45.00
TOTAL BENZOFUORANTHENES (B + K)	3700.00	8000.00	3200.00	3600.00
TETRACHLOROBUTADIENE			13100.00	
TOTAL ORGANIC CARBON	15.10	15.10	15.10	15.10
TRICHLOROBUTADIENE			35800.00	
TOTAL VOLATILE SOLIDS	26.93	22.20	22.20	22.20
TOTAL XYLENE		120.00	100.00	120.00
ZINC	873.00	258.00	1620.00	1620.00

TABLE E-2. CHEMICALS EXCEEDING 1986 PUGET SOUND AET FOR
AMPHIPOD BIOASSAY AND BENTHIC INFAUNAL ABUNDANCE

(Comparison Based on 11 Puget Sound Surveys)

Chemical	Number of exceedances of each type		
	AMPT	BENA	Sum
1-METHYL NAPHTHALENE	1	1	2
1-METHYLPYRENE	0	7	7
1,2-DICHLOROBENZENE	0	8	8
1,2-DIPHENYLHYDRAZINE	2	2	4
1,2,4-TRICHLOROBENZENE	8	6	14
1,3-DICHLOROBENZENE	2	2	4
1,4-DICHLOROBENZENE	3	13	16
HEXADECENOIC ACID METHYL ESTER	9	9	18
1-METHYL PHENANTHRENE	26	21	47
2-METHYLNAPHTHALENE	20	20	40
2-METHYLPHENOL	10	6	16
2-METHYLPYRENE	7	4	11
2-METHOXYPHENOL	2	2	4
2,3,5 TRIMETHYL NAPHTHALENE	2	1	3
2,4-DIMETHYL PHENOL	16	21	37
2,4,5-TRICHLOROPHENOL	4	4	8
2,4,6-TRICHLOROPHENOL	9	9	18
DIBENZO(A,H)ANTHRACENE	53	12	65
2-METHYL PHENANTHRENE	15	14	29
DI-N-OCTYL PHTHALATE	26	0	26
4-METHYL PHENOL	24	41	65
TETRACHLOROETHYLENE	0	3	3
PENTACHLOROCYCLOPENTANE	2	2	4
PENTACHLOROPHENOL	11	11	22
HEXACHLOROBENZENE	6	2	8
HEXACHLOROBUTADIENE	7	8	15
ACENAPHTHENE	29	36	65
ACENAPHTHYLENE	18	14	32
ALDRIN (PESTICIDE)	0	2	2
ANTHRACENE	53	38	91
ARSENIC	14	18	32
BIS(2-ETHYLHEXYL)PHTHALATE	1	5	6
BENZO(A)ANTHRACENE	53	14	67
BENZO(A)PYRENE	37	7	44
BENZOIC ACID	11	13	24
BENZYL ALCOHOL	17	17	34
BENZO(G,H,I)PERYLENE	53	3	56
BIPHENYL	9	8	17
BUTYL BENZYL PHTHALATE	16	16	32
CADMIUM	12	17	29
CHRYSENE	47	17	64
COPPER	9	20	29
CYMENE (UNSPECIFIED ISOMER)	1	6	7
DIETHYL PHTHALATE	11	10	21
DIBENZOFURAN	18	18	36

DIBENZOTHIOPHENE	8	7	15
DI-N-BUTYL PHTHALATE	2	2	4
DIMETHYL PHTHALATE	23	23	46
ETHYLBENZENE	0	1	1
FLUORANTHENE	46	26	72
FLUORENE	43	36	79
HEPTACHLOR (PESTICIDE)	1	1	2
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	53	13	66
INDENO(1,2,3-CD)PYRENE	56	4	60
ISOPIMADIENE	2	2	4
KAUR-16-ENE	2	2	4
LEAD	13	43	56
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	46	41	87
MERCURY	13	47	60
NAPHTHALENE	23	23	46
TOTAL NITROGEN (NO3+NO3+NH4)	3	27	30
N-NITROSO DIPHENYLAMINE	3	10	13
OIL AND GREASE	17	8	25
POLYCHLORINATED BIPHENYLS	11	31	42
PENTACHLOROBUTADIENE	2	1	3
PERYLENE	46	30	76
PHENOL	25	8	33
P,P'-DDD	6	38	44
P,P'-DDE	10	18	28
P,P'-DDT	18	15	33
PYRENE	45	21	66
RETENE	8	4	12
SILVER	16	5	21
SULFIDES	26	111	137
TOTAL BENZOFLUORANTHENES (B + K)	47	14	61
TETRACHLOROBUTADIENE	1	1	2
TOTAL ORGANIC CARBON	6	6	12
TRICHLOROBUTADIENE	1	1	2
TOTAL VOLATILE SOLIDS	4	8	12
TOTAL XYLENE	0	1	1
ZINC	16	80	96

TABLE E-3. SAMPLES NOT EXCEEDING EITHER AMPHIPOD OR BENTHIC INFAUNA 1986 AET

NOTE: * indicates statistically significant (P<0.05) biological effect.

SURVEY	STN_ID	DATE	SRV_SAMPLEID	FIELD_REP	SUBSAMPLE	BIO_EFFECT
ALK1	AP-01	05/25/84	AP-01			BENA
ALK1	AP-02	05/25/84	AP-02			BENA
ALK1	AP-03	05/25/84	AP-03			BENA
ALK1	AP-04	05/25/84	AP-04			BENA*
ALK1	AP-05	05/25/84	AP-05			BENA
ALK1	AP-06	05/25/84	AP-06			BENA
ALK1	AP-07	05/25/84	AP-07			BENA
ALK1	PW-01	05/26/84	PW-01			BENA
ALK1	PW-02	05/26/84	PW-02			BENA
ALK1	PW-03	05/26/84	PW-03			BENA
ALK1	PW-04	05/26/84	PW-04			BENA
CBBLAIR	B02	06/01/84	B02			
CBBLAIR	B03	06/01/84	B03	AMPT		BENA OYST
CBBLAIR	B04	06/01/84	B04	AMPT		BENA OYST
CBBLAIR	B07	06/01/84	B07			
CBBLAIR	B09	06/01/84	B09	AMPT		BENA OYST
CBBLAIR	B10	06/01/84	B10	AMPT		BENA OYST*
CBBLAIR	B11	06/01/84	B11			
CBBLAIR	B12	06/01/84	B12	AMPT		BENA OYST
CBBLAIR	B17	06/01/84	B17			
CBMSQS	BL-11	01/01/84	BL-11	AMPT		BENA MICB OYST
CBMSQS	BL-12	01/01/84	BL-12			
CBMSQS	BL-13	01/01/84	BL-13			
CBMSQS	BL-15	01/01/84	BL-15	AMPT		BENA MICB* OYST
CBMSQS	BL-17	01/01/84	BL-17			
CBMSQS	BL-18	01/01/84	BL-18			
CBMSQS	BL-19	01/01/84	BL-19			
CBMSQS	BL-20	01/01/84	BL-20			
CBMSQS	BL-21	01/01/84	BL-21	AMPT		BENA MICB OYST
CBMSQS	BL-22	01/01/84	BL-22			
CBMSQS	BL-23	01/01/84	BL-23			
CBMSQS	BL-24	01/01/84	BL-24			
CBMSQS	BL-25	01/01/84	BL-25	AMPT*		BENA MICB OYST

CBMSQS	BL-27	01/01/84	BL-27						
CBMSQS	BL-28	01/01/84	BL-28						
CBMSQS	BL-29	01/01/84	BL-29						
CBMSQS	BL-30	01/01/84	BL-30						
CBMSQS	BL-31	01/01/84	BL-31						
CBMSQS	BL-32	01/01/84	BL-32						
CBMSQS	CB-12	01/01/84	CB-12						
CBMSQS	CI-17	01/01/84	CI-17						
CBMSQS	CI-19	01/01/84	CI-19						
CBMSQS	CI-22	01/01/84	CI-22						
CBMSQS	CR-11	01/01/84	CR-11						
CBMSQS	CR-12	01/01/84	CR-12						
CBMSQS	CR-13	01/01/84	CR-13						
CBMSQS	CR-14	01/01/84	CR-14						
CBMSQS	HY-12	01/01/84	HY-12						
CBMSQS	HY-14	01/01/84	HY-14						
CBMSQS	HY-24	01/01/84	HY-24						
CBMSQS	HY-27	01/01/84	HY-27						
CBMSQS	HY-28	01/01/84	HY-28						
CBMSQS	HY-30	01/01/84	HY-30						
CBMSQS	HY-32	01/01/84	HY-32						
CBMSQS	HY-37	01/01/84	HY-37						
CBMSQS	HY-43	01/01/84	HY-43						
CBMSQS	HY-44	01/01/84	HY-44						
CBMSQS	HY-50	01/01/84	HY-50						
CBMSQS	MD-12	01/01/84	MD-12						
CBMSQS	MI-11	01/01/84	MI-11						
CBMSQS	MI-13	01/01/84	MI-13						
CBMSQS	MI-14	01/01/84	MI-14						
CBMSQS	MI-15	01/01/84	MI-15						
CBMSQS	RS-12	01/01/84	RS-12						
CBMSQS	RS-14	01/01/84	RS-14						
CBMSQS	RS-15	01/01/84	RS-15						
CBMSQS	RS-22	01/01/84	RS-22						
CBMSQS	SP-11	01/01/84	SP-11						
CBMSQS	SP-12	01/01/84	SP-12						
DUMRIV1	DR-01	04/15/85	DR-01						
DUMRIV1	DR-02	04/15/85	DR-02						
DUMRIV1	DR-04	04/15/85	DR-04						
DUMRIV1	SQ-09	04/19/85	SQ-09						
DUMRIV2	DR-12	07/01/85	CA3						

DUJRIV2	DR-15	07/01/85	CB3	AMPT	
DUJRIV2	DR-16	07/01/85	CB4	AMPT*	
DUJRIV2	DR-17	07/01/85	CB5	AMPT	
DUJRIV2	DR-18	07/01/85	CC1	AMPT	
DUJRIV2	DR-20	07/01/85	CC3	AMPT	
DUJRIV2	DR-21	07/01/85	CC4	AMPT	
DUJRIV2	DR-22	07/01/85	CC5	AMPT	
DUJRIV2	DR-24	07/01/85	CD2	AMPT	
DUJRIV2	DR-32	07/01/85	CF5	AMPT	
DUJRIV2	DR-37	07/01/85	CG5	AMPT	
DUJRIV2	DR-39	07/01/85	CW/A1	AMPT	
DUJRIV2	SQ-21	07/01/85	SEQUIM	AMPT	
EBCHEM	AB-03	09/26/85	AB-03	AMPT	BENA*
EBCHEM	AB-04	09/26/85	AB-04	AMPT	BENA
EBCHEM	DR-01	09/30/85	DR-01	AMPT	
EBCHEM	DR-04	09/30/85	DR-04	AMPT	
EBCHEM	DR-06	10/09/85	DR-06	AMPT	
EBCHEM	DR-14	09/30/85	DR-14	AMPT*	
EBCHEM	EW-01	10/09/85	EW-01	AMPT	
EBCHEM	EW-16	10/15/85	EW-16	AMPT*	BENA
EBCHEM	KG-02	10/09/85	KG-02	AMPT*	
EBCHEM	KG-11	10/01/85	KG-11	AMPT*	BENA*
EBCHEM	MG-01	09/26/85	MG-01	AMPT	BENA*
EBCHEM	MG-02	09/26/85	MG-02	AMPT	BENA*
EBCHEM	MG-03	09/26/85	MG-03	AMPT	BENA*
EBCHEM	MG-04	09/26/85	MG-04	AMPT	BENA*
EBCHEM	NH-07	10/09/85	NH-07	AMPT	
EBCHEM	NH-09	10/16/85	NH-09	AMPT*	BENA
EBCHEM	NH-10	10/08/85	NH-10	AMPT	
EBCHEM	NH-11	10/15/85	NH-11	AMPT*	BENA*
EBCHEM	NS-03	10/04/85	NS-03	AMPT	BENA
EBCHEM	NS-05	10/04/85	NS-05	AMPT	BENA
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA
EBCHEM	PS-02	10/12/85	PS-02	AMPT	BENA
EBCHEM	PS-03	10/12/85	PS-03	AMPT	BENA
EBCHEM	PS-04	10/12/85	PS-04	AMPT	BENA
EBCHEM	SS-01	10/16/85	SS-01	AMPT	BENA
EBCHEM	WW-01	10/01/85	WW-01	AMPT	BENA*
EBCHEM	WW-06	10/01/85	WW-06	AMPT	BENA*
EBCHEM	WW-15	10/08/85	WW-15	AMPT	

1

2

1

EBCHEM	WJ-20	10/03/85	WJ-20	AMPT	BENA*
EIGHTBAY	SQ-14	01/01/82	SQ-14	AMPT	
EIGHTBAY	SQ-17	01/01/82	SQ-17	AMPT	
EIGHTBAY	SQ-18	01/01/82	SQ-18	AMPT	
EIGHTBAY	SQ-20	01/01/82	SQ-20	AMPT	
EIGHTBAY	SC-18	01/01/82	SC-18	AMPT*	
EIGHTBAY	CS-01	01/01/82	CS-01	AMPT*	
EIGHTBAY	CS-11	01/01/82	CS-11	AMPT*	
EIGHTBAY	CS-15	01/01/82	CS-15	AMPT*	
EIGHTBAY	CS-17	01/01/82	CS-17	AMPT*	
EIGHTBAY	DB-01	01/01/82	DB-01	AMPT	
EIGHTBAY	DB-05	01/01/82	DB-05	AMPT	
EIGHTBAY	DB-07	01/01/82	DB-07	AMPT*	
EIGHTBAY	DB-15	01/01/82	DB-15	AMPT*	
EIGHTBAY	EL-12	01/01/82	EL-12	AMPT	
EIGHTBAY	EL-17	01/01/82	EL-17	AMPT	
EIGHTBAY	EL-22	01/01/82	EL-22	AMPT	
EIGHTBAY	EL-23	01/01/82	EL-23	AMPT	
EIGHTBAY	EL-24	01/01/82	EL-24	AMPT	
EIGHTBAY	SM-03	01/01/82	SM-03	AMPT*	
EIGHTBAY	SM-07	01/01/82	SM-07	AMPT*	
EIGHTBAY	SM-20	01/01/82	SM-20	AMPT*	
EIGHTBAY	EV-02	01/01/82	EV-02	AMPT*	
EIGHTBAY	EV-06	01/01/82	EV-06	AMPT	
EIGHTBAY	EV-07	01/01/82	EV-07	AMPT	
EIGHTBAY	EV-11	01/01/82	EV-11	AMPT*	
EIGHTBAY	BH-05	01/01/82	BH-05	AMPT*	
EIGHTBAY	BH-11	01/01/82	BH-11	AMPT	
EIGHTBAY	BH-12	01/01/82	BH-12	AMPT	
EIGHTBAY	BH-23	01/01/82	BH-23	AMPT*	
EIGHTBAY	BH-24	01/01/82	BH-24	AMPT	
EBCHEM	EH-01	06/01/85	B1	AMPT	BENA
EBCHEM	EH-02	06/01/85	B1	AMPT	BENA*
EBCHEM	EH-03	06/01/85	V6	AMPT	BENA*
EBCHEM	EH-09	06/01/85	V1		
EBCHEM	EH-21	06/01/85	V1		
EBCHEM	EH-24	06/01/85	V1		
EBCHEM	RB-02	06/01/85	V1		
EBCHEM	RB-05	06/01/85	V1		
EBCHEM	ES-01	10/06/86	ES-01G	AMPT	
EBCHEM	ES-02	10/06/86	ES-02G	AMPT	

EVCHEN	NG-01	10/02/86	NG-01G	AMPT	BENA
EVCHEN	NG-06	10/08/86	NG-06G	AMPT*	BENA
EVCHEN	NG-12	10/15/86	NG-12G	AMPT	
EVCHEN	PS-02	10/13/86	PS-02G	AMPT	BENA
EVCHEN	PS-03	10/13/86	PS-03G	AMPT	BENA
EVCHEN	PS-04	10/10/86	PS-04G	AMPT	BENA
EVCHEN	SD-01	10/09/86	SD-01G	AMPT	BENA*
EVCHEN	SR-01	10/06/86	SR-01G	AMPT	
EVCHEN	SR-02	10/06/86	SR-02G	AMPT	
EVCHEN	SR-03	10/06/86	SR-03G		
EVCHEN	SR-06	10/06/86	SR-06G		
EVCHEN	SS-01	10/06/86	SS-01G	AMPT	
EVCHEN	SS-02	10/06/86	SS-02G		
EVCHEN	SS-04	10/06/86	SS-04G		
EVCHEN	SS-06	10/06/86	SS-06G		
EVERETT1	EV-21	01/01/85	EV-21	AMPT	
EVERETT1	EV-22	01/01/85	EV-22	AMPT	
EVERETT1	EV-23	01/01/85	EV-23	AMPT	
EVERETT1	EV-24	01/01/85	EV-24	AMPT*	
EVERETT1	EV-25	01/01/85	EV-25	AMPT	
TPPS3AB	EB-30	07/15/82	2081		BENA
TPPS3AB	EB-31	07/15/82	2078		
TPPS3AB	EB-32	03/15/82	1825		
TPPS3AB	WP-01	03/15/82	1806		
TPPS3AB	WP-01	07/15/82	2088		
TPPS3AB	WP-02	03/15/82	1807		
TPPS3AB	WP-03	03/15/82	1788		
TPPS3AB	WP-03	07/15/82	2090		BENA*
TPPS3AB	WP-04	03/15/82	1809		
TPPS3AB	WP-04	07/15/82	2091		BENA
TPPS3AB	WP-05	07/15/82	2092		BENA
TPPS3AB	WP-06	03/15/82	1811		
TPPS3AB	WP-06	07/15/82	2084		BENA
TPPS3AB	WP-08	07/15/82	2083		BENA*
TPPS3AB	WP-09	07/15/82	2082		BENA
TPPS3AB	WP-12	03/15/82	1786		BENA
TPPS3AB	WP-12	07/15/82	2069		BENA
TPPS3AB	WP-13	03/15/82	1784		BENA
TPPS3AB	WP-13	07/15/82	2070		BENA
TPPS3AB	WP-14	03/15/82	1785		BENA
TPPS3AB	WP-14	07/15/82	2085		BENA

TPPS3AB WP-16 07/15/82 2086

BENA

TABLE E-4. SAMPLES EXCEEDING EITHER AMPHIPOD OR BENTHIC INFAUNA 1986 AET

NOTE: * indicates statistically significant (P<0.05) biological effect.

SURVEY	STN_ID	DATE	SRV_SAMPID	TEST_TYPE	FIELD_REP	SUBSAMPLE	NUM_CHEMS	BIO_EFFECT
CBBLAIR	B14	06/01/84	B14	AMPT			1	
CBBLAIR	B15	06/01/84	B15	AMPT			3	AMPT* BENA OYST
CBBLAIR	B18	06/01/84	B18	AMPT			1	
CBBLAIR	B18	06/01/84	B18	BENA			1	
CBMSQS	BL-14	01/01/84	BL-14	AMPT			1	
CBMSQS	BL-16	01/01/84	BL-16	BENA			1	
CBMSQS	BL-26	01/01/84	BL-26	BENA			2	
CBMSQS	CB-11	01/01/84	CB-11	BENA			1	
CBMSQS	CB-13	01/01/84	CB-13	AMPT			1	
CBMSQS	CB-13	01/01/84	CB-13	BENA			1	
CBMSQS	CB-14	01/01/84	CB-14	AMPT			1	
CBMSQS	CB-14	01/01/84	CB-14	BENA			1	
CBMSQS	CI-11	01/01/84	CI-11	AMPT			6	AMPT* BENA* MICB* OYST*
CBMSQS	CI-11	01/01/84	CI-11	BENA			7	AMPT* BENA* MICB* OYST*
CBMSQS	CI-12	01/01/84	CI-12	AMPT			8	
CBMSQS	CI-12	01/01/84	CI-12	BENA			14	
CBMSQS	CI-13	01/01/84	CI-13	BENA			7	AMPT BENA* MICB* OYST*
CBMSQS	CI-14	01/01/84	CI-14	BENA			4	
CBMSQS	CI-15	01/01/84	CI-15	AMPT			5	
CBMSQS	CI-15	01/01/84	CI-15	BENA			9	
CBMSQS	CI-16	01/01/84	CI-16	BENA			7	BENA* MICB* OYST*
CBMSQS	CI-18	01/01/84	CI-18	BENA			4	
CBMSQS	CI-20	01/01/84	CI-20	AMPT			5	AMPT* BENA MICB OYST*
CBMSQS	CI-21	01/01/84	CI-21	AMPT			13	
CBMSQS	CI-21	01/01/84	CI-21	BENA			6	
CBMSQS	HY-11	01/01/84	HY-11	AMPT			1	
CBMSQS	HY-11	01/01/84	HY-11	BENA			1	
CBMSQS	HY-13	01/01/84	HY-13	AMPT			5	
CBMSQS	HY-13	01/01/84	HY-13	BENA			1	
CBMSQS	HY-15	01/01/84	HY-15	AMPT			8	
CBMSQS	HY-15	01/01/84	HY-15	BENA			3	
CBMSQS	HY-16	01/01/84	HY-16	AMPT			15	
CBMSQS	HY-16	01/01/84	HY-16	BENA			11	

CBMSQS	HY-17	01/01/84	HY-17	BENA	7	AMPT	BENA*	MICB*	OYST*
CBMSQS	HY-18	01/01/84	HY-18	AMPT	9				
CBMSQS	HY-18	01/01/84	HY-18	BENA	2				
CBMSQS	HY-19	01/01/84	HY-19	AMPT	10				
CBMSQS	HY-19	01/01/84	HY-19	BENA	3				
CBMSQS	HY-20	01/01/84	HY-20	AMPT	8				
CBMSQS	HY-20	01/01/84	HY-20	BENA	2				
CBMSQS	HY-21	01/01/84	HY-21	AMPT	7				
CBMSQS	HY-21	01/01/84	HY-21	BENA	4				
CBMSQS	HY-22	01/01/84	HY-22	AMPT	12	AMPT*	BENA*	MICB*	OYST*
CBMSQS	HY-22	01/01/84	HY-22	BENA	14	AMPT*	BENA*	MICB*	OYST*
CBMSQS	HY-23	01/01/84	HY-23	AMPT	4	AMPT*	BENA*	MICB*	OYST*
CBMSQS	HY-23	01/01/84	HY-23	BENA	3	AMPT*	BENA*	MICB*	OYST*
CBMSQS	HY-25	01/01/84	HY-25	AMPT	1				
CBMSQS	HY-25	01/01/84	HY-25	BENA	1				
CBMSQS	HY-26	01/01/84	HY-26	AMPT	2				
CBMSQS	HY-26	01/01/84	HY-26	BENA	1				
CBMSQS	HY-29	01/01/84	HY-29	BENA	1				
CBMSQS	HY-31	01/01/84	HY-31	BENA	1				
CBMSQS	HY-33	01/01/84	HY-33	AMPT	1				
CBMSQS	HY-33	01/01/84	HY-33	BENA	2				
CBMSQS	HY-34	01/01/84	HY-34	AMPT	1				
CBMSQS	HY-35	01/01/84	HY-35	BENA	1				
CBMSQS	HY-36	01/01/84	HY-36	AMPT	8				
CBMSQS	HY-36	01/01/84	HY-36	BENA	5				
CBMSQS	HY-38	01/01/84	HY-38	AMPT	2				
CBMSQS	HY-39	01/01/84	HY-39	AMPT	2				
CBMSQS	HY-39	01/01/84	HY-39	BENA	3				
CBMSQS	HY-40	01/01/84	HY-40	AMPT	5				
CBMSQS	HY-40	01/01/84	HY-40	BENA	6				
CBMSQS	HY-41	01/01/84	HY-41	AMPT	5				
CBMSQS	HY-41	01/01/84	HY-41	BENA	5				
CBMSQS	HY-42	01/01/84	HY-42	AMPT	3	AMPT*	BENA*	MICB*	OYST
CBMSQS	HY-45	01/01/84	HY-45	AMPT	2				
CBMSQS	HY-45	01/01/84	HY-45	BENA	2				
CBMSQS	HY-46	01/01/84	HY-46	AMPT	4				
CBMSQS	HY-46	01/01/84	HY-46	BENA	4				
CBMSQS	HY-47	01/01/84	HY-47	BENA	2	AMPT*	BENA*	MICB*	OYST*
CBMSQS	HY-48	01/01/84	HY-48	BENA	2				
CBMSQS	HY-49	01/01/84	HY-49	AMPT	1				
CBMSQS	HY-49	01/01/84	HY-49	BENA	1				

[illegible]

DUJRIV1	DR-06	04/15/85	DR-06	BENA	1	AMPT
DUJRIV1	DR-07	04/15/85	DR-07	AMPT	1	AMPT*
DUJRIV1	DR-07	04/15/85	DR-07	BENA	2	AMPT*
DUJRIV1	DR-08	04/15/85	DR-08	AMPT	3	AMPT*
DUJRIV1	DR-08	04/15/85	DR-08	BENA	5	AMPT*
DUJRIV2	DR-10	07/01/85	CA1	AMPT	2	AMPT*
DUJRIV2	DR-10	07/01/85	CA1	BENA	3	AMPT*
DUJRIV2	DR-11	07/01/85	CA2	BENA	1	AMPT*
DUJRIV2	DR-13	07/01/85	CB1	BENA	1	AMPT
DUJRIV2	DR-14	07/01/85	CB2	BENA	1	AMPT
DUJRIV2	DR-19	07/01/85	CC2	BENA	1	AMPT
DUJRIV2	DR-23	07/01/85	CD1	BENA	3	AMPT
DUJRIV2	DR-25	07/01/85	CE1	BENA	3	AMPT*
DUJRIV2	DR-26	07/01/85	CE2	AMPT	3	AMPT*
DUJRIV2	DR-26	07/01/85	CE2	BENA	3	AMPT*
DUJRIV2	DR-27	07/01/85	CE3	AMPT	4	AMPT*
DUJRIV2	DR-27	07/01/85	CE3	BENA	5	AMPT*
DUJRIV2	DR-28	07/01/85	CF1	BENA	3	AMPT
DUJRIV2	DR-29	07/01/85	CF2	BENA	4	AMPT*
DUJRIV2	DR-30	07/01/85	CF3	BENA	1	AMPT
DUJRIV2	DR-31	07/01/85	CF4	BENA	1	AMPT
DUJRIV2	DR-33	07/01/85	CG1	BENA	3	AMPT
DUJRIV2	DR-34	07/01/85	CG2	BENA	2	AMPT
DUJRIV2	DR-35	07/01/85	CG3	BENA	1	AMPT
DUJRIV2	DR-36	07/01/85	CG4	BENA	4	AMPT
DUJRIV2	DR-38	07/01/85	CH1	BENA	2	AMPT
EBCHEM	AB-01	09/26/85	AB-01	AMPT	15	AMPT*
EBCHEM	AB-01	09/26/85	AB-01	BENA	9	AMPT*
EBCHEM	AB-02	09/26/85	AB-02	AMPT	1	AMPT BENA
EBCHEM	DR-02	09/30/85	DR-02	BENA	2	AMPT*
EBCHEM	DR-03	09/30/85	DR-03	BENA	1	AMPT
EBCHEM	DR-05	09/30/85	DR-05	AMPT	1	
EBCHEM	DR-05	09/30/85	DR-05	BENA	2	
EBCHEM	DR-07	09/30/85	DR-07	BENA	1	AMPT
EBCHEM	DR-08	09/30/85	DR-08	AMPT	4	
EBCHEM	DR-08	09/30/85	DR-08	BENA	5	
EBCHEM	DR-09	09/30/85	DR-09	BENA	1	AMPT
EBCHEM	DR-10	09/30/85	DR-10	AMPT	3	
EBCHEM	DR-10	09/30/85	DR-10	BENA	6	
EBCHEM	DR-11	09/30/85	DR-11	BENA	2	AMPT
EBCHEM	DR-12	09/30/85	DR-12	AMPT	2	

EBCHEM	DR-12	09/30/85	DR-12	BENA		5	
EBCHEM	DR-13	09/30/85	DR-13	BENA		1	AMPT*
EBCHEM	DR-15	09/30/85	DR-15	BENA		1	AMPT*
EBCHEM	DR-16	09/30/85	DR-16	AMPT		9	AMPT*
EBCHEM	DR-16	09/30/85	DR-16	BENA		5	AMPT*
EBCHEM	DR-17	09/30/85	DR-17	BENA		1	AMPT
EBCHEM	DR-25	10/10/85	DR-25	AMPT		3	AMPT*
EBCHEM	DR-25	10/10/85	DR-25	BENA		3	AMPT*
EBCHEM	EW-02	10/04/85	EW-02	AMPT		12	AMPT* BENA*
EBCHEM	EW-02	10/04/85	EW-02	BENA		10	AMPT* BENA*
EBCHEM	EW-03	10/04/85	EW-03	BENA		1	BENA
EBCHEM	EW-04	10/14/85	EW-04	AMPT		12	AMPT* BENA*
EBCHEM	EW-04	10/14/85	EW-04	BENA		2	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	AMPT	1	6	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	BENA	1	12	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	BENA	2	7	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	BENA	2	10	AMPT* BENA*
EBCHEM	EW-06	10/04/85	EW-06	AMPT		14	AMPT* BENA*
EBCHEM	EW-06	10/04/85	EW-06	BENA		9	AMPT* BENA*
EBCHEM	EW-07	10/14/85	EW-07	AMPT		1	AMPT* BENA*
EBCHEM	EW-07	10/14/85	EW-07	BENA		3	AMPT* BENA*
EBCHEM	EW-08	10/14/85	EW-08	BENA		1	AMPT* BENA*
EBCHEM	EW-09	10/14/85	EW-09	BENA		3	AMPT* BENA*
EBCHEM	EW-10	10/14/85	EW-10	BENA		1	AMPT* BENA
EBCHEM	EW-11	10/14/85	EW-11	AMPT		7	AMPT* BENA*
EBCHEM	EW-11	10/14/85	EW-11	BENA		3	AMPT* BENA*
EBCHEM	EW-12	10/15/85	EW-12	AMPT		1	AMPT BENA
EBCHEM	EW-12	10/15/85	EW-12	BENA		1	AMPT BENA
EBCHEM	EW-13	10/15/85	EW-13	AMPT		1	AMPT BENA
EBCHEM	EW-13	10/15/85	EW-13	BENA		1	AMPT BENA
EBCHEM	EW-14	10/15/85	EW-14	AMPT		17	AMPT BENA
EBCHEM	EW-14	10/15/85	EW-14	BENA		11	AMPT BENA
EBCHEM	EW-15	10/15/85	EW-15	BENA		2	AMPT BENA
EBCHEM	KG-01	09/25/85	KG-01	AMPT		2	AMPT BENA*
EBCHEM	KG-01	09/25/85	KG-01	BENA		1	AMPT BENA*
EBCHEM	KG-03	09/25/85	KG-03	BENA		2	AMPT* BENA
EBCHEM	KG-04	10/09/85	KG-04	BENA		3	AMPT
EBCHEM	KG-05	09/30/85	KG-05	BENA		4	AMPT* BENA*
EBCHEM	KG-06	09/30/85	KG-06	AMPT		4	AMPT BENA*
EBCHEM	KG-06	09/30/85	KG-06	BENA		6	AMPT BENA*
EBCHEM	KG-07	09/30/85	KG-07	BENA		2	AMPT BENA*

EBCHEM	KG-08	10/01/85	KG-08	BENA	1	AMPT	BENA*
EBCHEM	KG-09	10/01/85	KG-09	AMPT	1	AMPT*	BENA
EBCHEM	KG-09	10/01/85	KG-09	BENA	2	AMPT*	BENA
EBCHEM	KG-10	10/08/85	KG-10	AMPT	2	AMPT*	
EBCHEM	KG-10	10/08/85	KG-10	BENA	2	AMPT*	
EBCHEM	NH-01	10/15/85	NH-01	AMPT	1	AMPT	BENA*
EBCHEM	NH-01	10/15/85	NH-01	BENA	1	AMPT	BENA*
EBCHEM	NH-02	10/15/85	NH-02	BENA	1	AMPT*	BENA*
EBCHEM	NH-03	10/16/85	NH-03	AMPT	21	AMPT*	BENA*
EBCHEM	NH-03	10/16/85	NH-03	BENA	15	AMPT*	BENA*
EBCHEM	NH-04	10/15/85	NH-04	AMPT	16	AMPT*	BENA*
EBCHEM	NH-04	10/15/85	NH-04	BENA	13	AMPT*	BENA*
EBCHEM	NH-05	10/15/85	NH-05	AMPT	6	AMPT*	BENA*
EBCHEM	NH-05	10/15/85	NH-05	BENA	8	AMPT*	BENA*
EBCHEM	NH-06	10/16/85	NH-06	AMPT	22	AMPT*	BENA*
EBCHEM	NH-06	10/16/85	NH-06	BENA	20	AMPT*	BENA*
EBCHEM	NH-08	10/16/85	NH-08	AMPT	22	AMPT*	BENA*
EBCHEM	NH-08	10/16/85	NH-08	BENA	18	AMPT*	BENA*
EBCHEM	NS-01	10/08/85	NS-01	BENA	2	AMPT*	
EBCHEM	NS-02	09/27/85	NS-02	AMPT	1	AMPT	BENA
EBCHEM	NS-02	09/27/85	NS-02	BENA	1	AMPT	BENA
EBCHEM	NS-04	10/08/85	NS-04	AMPT	1		
EBCHEM	NS-04	10/08/85	NS-04	BENA	2		
EBCHEM	NS-06	09/27/85	NS-06	BENA	1		BENA*
EBCHEM	NS-07	10/04/85	NS-07	AMPT	13	AMPT*	BENA
EBCHEM	NS-07	10/04/85	NS-07	BENA	2	AMPT*	BENA
EBCHEM	NS-08	09/26/85	NS-08	AMPT	5	AMPT*	BENA*
EBCHEM	NS-08	09/26/85	NS-08	BENA	2	AMPT*	BENA*
EBCHEM	PS-05	10/15/85	PS-05	AMPT	10		
EBCHEM	SS-03	10/04/85	SS-03	AMPT	14	AMPT*	BENA*
EBCHEM	SS-03	10/04/85	SS-03	BENA	11	AMPT*	BENA*
EBCHEM	SS-04	10/04/85	SS-04	AMPT	18		BENA*
EBCHEM	SS-04	10/04/85	SS-04	BENA	13		BENA*
EBCHEM	SS-05	10/03/85	SS-05	AMPT	17	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	BENA	16	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	BENA	5	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	BENA	9	AMPT	BENA
EBCHEM	SS-06	10/03/85	SS-06	AMPT	18	AMPT*	BENA*
EBCHEM	SS-06	10/03/85	SS-06	BENA	15	AMPT*	BENA*
EBCHEM	SS-07	10/03/85	SS-07	AMPT	20	AMPT*	BENA
EBCHEM	SS-07	10/03/85	SS-07	BENA	19	AMPT*	BENA

EBCHEM	SS-08	09/27/85	SS-08	AMPT				24	AMPT*	BENA*
EBCHEM	SS-08	09/27/85	SS-08	BENA				24	AMPT*	BENA*
EBCHEM	SS-09	09/27/85	SS-09	AMPT				27	AMPT*	BENA*
EBCHEM	SS-09	09/27/85	SS-09	BENA				24	AMPT*	BENA*
EBCHEM	SS-10	09/27/85	SS-10	AMPT				14		
EBCHEM	SS-10	09/27/85	SS-10	BENA				10		
EBCHEM	SS-11	09/27/85	SS-11	AMPT				10	AMPT	BENA
EBCHEM	SS-11	09/27/85	SS-11	BENA				3	AMPT	BENA
EBCHEM	SS-12	09/27/85	SS-12	BENA				2	AMPT	BENA
EBCHEM	WW-02	10/09/85	WW-02	AMPT				1	AMPT*	
EBCHEM	WW-02	10/09/85	WW-02	BENA				2	AMPT*	
EBCHEM	WW-03	10/01/85	WW-03	AMPT				1	AMPT	BENA*
EBCHEM	WW-04	10/01/85	WW-04	AMPT				16	AMPT	BENA*
EBCHEM	WW-04	10/01/85	WW-04	BENA				11	AMPT	BENA*
EBCHEM	WW-05	10/01/85	WW-05	BENA				1	AMPT	BENA*
EBCHEM	WW-06	10/01/85	WW-06	BENA	1			2	AMPT	BENA*
EBCHEM	WW-06	10/01/85	WW-06	BENA	2			6	AMPT	BENA*
EBCHEM	WW-06	10/01/85	WW-06	BENA	2			8	AMPT	BENA*
EBCHEM	WW-08	10/01/85	WW-08	AMPT				1	AMPT*	BENA*
EBCHEM	WW-08	10/01/85	WW-08	BENA				2	AMPT*	BENA*
EBCHEM	WW-09	10/02/85	WW-09	AMPT				18	AMPT*	BENA*
EBCHEM	WW-09	10/02/85	WW-09	BENA				13	AMPT*	BENA*
EBCHEM	WW-10	10/02/85	WW-10	BENA				2	AMPT	BENA*
EBCHEM	WW-11	10/02/85	WW-11	AMPT				6	AMPT*	BENA*
EBCHEM	WW-11	10/02/85	WW-11	BENA				4	AMPT*	BENA*
EBCHEM	WW-12	10/02/85	WW-12	AMPT				13	AMPT*	BENA*
EBCHEM	WW-12	10/02/85	WW-12	BENA				10	AMPT*	BENA*
EBCHEM	WW-13	10/02/85	WW-13	AMPT				1	AMPT	BENA
EBCHEM	WW-13	10/02/85	WW-13	BENA				1	AMPT	BENA
EBCHEM	WW-14	10/02/85	WW-14	AMPT				9		BENA*
EBCHEM	WW-14	10/02/85	WW-14	BENA				4		BENA*
EBCHEM	WW-16	10/02/85	WW-16	AMPT				1	AMPT	BENA*
EBCHEM	WW-16	10/02/85	WW-16	BENA				2	AMPT	BENA*
EBCHEM	WW-17	10/03/85	WW-17	AMPT				5	AMPT	BENA*
EBCHEM	WW-17	10/03/85	WW-17	BENA				2	AMPT	BENA*
EBCHEM	WW-18	10/03/85	WW-18	AMPT				2	AMPT	BENA*
EBCHEM	WW-18	10/03/85	WW-18	BENA				5	AMPT	BENA*
EBCHEM	WW-19	10/03/85	WW-19	AMPT				2	AMPT	BENA*
EBCHEM	WW-19	10/03/85	WW-19	BENA				4	AMPT	BENA*
EBCHEM	BH-01	06/01/85	B1	BENA				1	AMPT	BENA
EBCHEM	BH-02	06/01/85	B1	BENA				1	AMPT	BENA

ENCHM	EH-04	06/01/85	V1	AMPT	14	
ENCHM	EH-04	06/01/85	V1	BENA	11	
ENCHM	EH-05	06/01/85	V1	AMPT	10	AMPT BENA*
ENCHM	EH-05	06/01/85	V1	BENA	4	BENA*
ENCHM	EH-06	06/01/85	V6	AMPT	1	BENA*
ENCHM	EH-06	06/01/85	V6	BENA	3	BENA*
ENCHM	EH-07	06/01/85	V1	AMPT	11	
ENCHM	EH-07	06/01/85	V1	BENA	3	
ENCHM	EH-08	06/01/85	B1	AMPT	15	
ENCHM	EH-08	06/01/85	B1	BENA	12	
ENCHM	EH-08	06/01/85	V1	AMPT	16	AMPT* BENA*
ENCHM	EH-08	06/01/85	V1	BENA	11	AMPT* BENA*
ENCHM	EH-10	06/01/85	V1	AMPT	14	
ENCHM	EH-10	06/01/85	V1	BENA	11	
ENCHM	EH-11	06/01/85	V1	AMPT	14	
ENCHM	EH-11	06/01/85	V1	BENA	5	
ENCHM	EH-12	06/01/85	B1	AMPT	6	
ENCHM	EH-13	06/01/85	V1	BENA	1	
ENCHM	EH-14	06/01/85	V1	AMPT	6	
ENCHM	EH-14	06/01/85	V1	BENA	2	
ENCHM	EH-15	06/01/85	V1	AMPT	16	AMPT BENA*
ENCHM	EH-15	06/01/85	V1	BENA	11	AMPT BENA*
ENCHM	EH-16	06/01/85	B1	AMPT	2	
ENCHM	EH-16	06/01/85	B1	BENA	1	
ENCHM	EH-16	06/01/85	V1	AMPT	1	AMPT BENA*
ENCHM	EH-16	06/01/85	V1	BENA	4	AMPT BENA*
ENCHM	EH-17	06/01/85	V1	AMPT	1	
ENCHM	EH-17	06/01/85	V1	BENA	1	
ENCHM	EH-18	06/01/85	V1	AMPT	3	
ENCHM	EH-18	06/01/85	V1	BENA	3	
ENCHM	EH-19	06/01/85	V1	AMPT	15	
ENCHM	EH-19	06/01/85	V1	BENA	12	
ENCHM	EH-20	06/01/85	V1	BENA	1	
ENCHM	EH-22	06/01/85	B1	BENA	3	
ENCHM	EH-23	06/01/85	V1	BENA	1	
ENCHM	RB-01	06/01/85	V1	BENA	1	
ENCHM	RB-03	06/01/85	V1	BENA	1	
ENCHM	RB-04	06/01/85	V1	BENA	1	
ENCHM	RB-06	06/01/85	B1	BENA	1	
ENCHM	RB-07	06/01/85	V1	BENA	1	
ENCHM	WP-01	06/01/85	V1	BENA	1	

EIGHTBAY BH-03	01/01/82	BH-03	BENA	3	AMPT
EIGHTBAY BH-04	01/01/82	BH-04	BENA	1	AMPT
EIGHTBAY BH-07	01/01/82	BH-07	BENA	1	AMPT
EIGHTBAY EL-09	01/01/82	EL-09	BENA	2	AMPT
EIGHTBAY EL-10	01/01/82	EL-10	BENA	4	AMPT
EIGHTBAY EL-20	01/01/82	EL-20	BENA	1	AMPT
EIGHTBAY EV-01	01/01/82	EV-01	AMPT	1	AMPT*
EIGHTBAY EV-01	01/01/82	EV-01	BENA	1	AMPT*
EIGHTBAY EV-03	01/01/82	EV-03	BENA	1	AMPT*
EIGHTBAY EV-04	01/01/82	EV-04	AMPT	11	AMPT*
EIGHTBAY EV-04	01/01/82	EV-04	BENA	10	AMPT*
EIGHTBAY EV-05	01/01/82	EV-05	BENA	1	AMPT*
EIGHTBAY SC-06	01/01/82	SC-06	BENA	3	AMPT*
EIGHTBAY SC-07	01/01/82	SC-07	BENA	3	AMPT
EIGHTBAY SC-08	01/01/82	SC-08	BENA	2	AMPT*
EIGHTBAY SC-14	01/01/82	SC-14	BENA	3	AMPT*
EIGHTBAY SC-17	01/01/82	SC-17	BENA	1	AMPT*
EIGHTBAY SC-19	01/01/82	SC-19	BENA	3	AMPT
EIGHTBAY SC-20	01/01/82	SC-20	AMPT	8	AMPT*
EIGHTBAY SC-20	01/01/82	SC-20	BENA	4	AMPT*
EIGHTBAY SM-01	01/01/82	SM-01	BENA	1	AMPT*
EVCHEM ES-03	10/06/86	ES-03G	AMPT	2	AMPT
EVCHEM ES-03	10/06/86	ES-03G	BENA	2	AMPT
EVCHEM EW-01	10/07/86	EW-01G	AMPT	2	AMPT* BENA*
EVCHEM EW-01	10/07/86	EW-01G	BENA	3	AMPT* BENA*
EVCHEM EW-02	09/30/86	EW-02G	BENA	2	
EVCHEM EW-03	09/30/86	EW-03G	BENA	2	
EVCHEM EW-04	09/30/86	EW-04G	AMPT	16	AMPT* BENA*
EVCHEM EW-04	09/30/86	EW-04G	BENA	16	AMPT* BENA*
EVCHEM EW-05	09/30/86	EW-05G	BENA	2	
EVCHEM EW-06	09/30/86	EW-06G	BENA	2	
EVCHEM EW-07	09/30/86	EW-07G	AMPT	10	AMPT* BENA*
EVCHEM EW-07	09/30/86	EW-07G	BENA	9	AMPT* BENA*
EVCHEM EW-08	09/30/86	EW-08G	BENA	2	
EVCHEM EW-09	09/30/86	EW-09G	BENA	2	
EVCHEM EW-10	10/01/86	EW-10G	AMPT	3	AMPT* BENA*
EVCHEM EW-10	10/01/86	EW-10G	BENA	5	AMPT* BENA*
EVCHEM EW-11	09/30/86	EW-11G	AMPT	2	
EVCHEM EW-11	09/30/86	EW-11G	BENA	2	

EVCH	EW-12	10/01/86	EW-12G	AMPT		EW12	1	AMPT	BENA*
EVCH	EW-12	10/01/86	EW-12G	BENA		EW12	2	AMPT	BENA*
EVCH	EW-13	10/01/86	EW-13G	AMPT			12		
EVCH	EW-13	10/01/86	EW-13G	BENA			11		
EVCH	EW-14	10/01/86	EW-14G	AMPT		EW14	23		BENA*
EVCH	EW-14	10/01/86	EW-14G	BENA		EW14	19		BENA*
EVCH	EW-15	10/01/86	EW-15G	AMPT			4		
EVCH	EW-15	10/01/86	EW-15G	BENA			5		
EVCH	NG-02	10/02/86	NG-02G	BENA		NG02	1	AMPT	BENA*
EVCH	NG-03	10/02/86	NG-03G	BENA		NG03	1	AMPT	BENA*
EVCH	NG-04	10/02/86	NG-04G	AMPT		NG04	1	AMPT*	BENA*
EVCH	NG-04	10/02/86	NG-04G	BENA		NG04	1	AMPT*	BENA*
EVCH	NG-05	10/02/86	NG-05G	AMPT			1		
EVCH	NG-05	10/02/86	NG-05G	BENA			2		
EVCH	NG-07	10/02/86	NG-07G	BENA			1		
EVCH	NG-08	10/02/86	NG-08G	BENA			2		
EVCH	NG-09	10/03/86	NG-09G	AMPT			3		
EVCH	NG-09	10/03/86	NG-09G	BENA			5		
EVCH	NG-10	10/03/86	NG-10G	AMPT		NG10	2	AMPT	BENA
EVCH	NG-10	10/03/86	NG-10G	BENA		NG10	1	AMPT	BENA
EVCH	NG-11	10/03/86	NG-11G	AMPT			3		
EVCH	NG-11	10/03/86	NG-11G	BENA			3		
EVCH	NG-13	10/15/86	NG-13G	AMPT			1	AMPT	
EVCH	NG-14	10/15/86	NG-14G	AMPT			2	AMPT	
EVCH	NG-14	10/15/86	NG-14G	BENA			1	AMPT	
EVCH	NG-15	10/15/86	NG-15G	AMPT			1	AMPT	
EVCH	NG-15	10/15/86	NG-15G	BENA			1	AMPT	
EVCH	OG-01	10/09/86	OG-01G	AMPT			1		
EVCH	OG-01	10/09/86	OG-01G	BENA			1		
EVCH	OG-02	10/09/86	OG-02G	BENA			1		
EVCH	OG-03	10/09/86	OG-03G	BENA	OG03		1	AMPT*	
EVCH	OG-04	10/09/86	OG-04G	BENA			2		
EVCH	OG-05	10/09/86	OG-05G	BENA			2		
EVCH	OG-06	10/09/86	OG-06G	BENA			2		
EVCH	OG-07	10/09/86	OG-07G	BENA			1		
EVCH	SD-02	10/07/86	SD-02G	BENA		SD02	1		BENA
EVCH	SD-03	10/02/86	SD-03G	AMPT			2		
EVCH	SD-03	10/02/86	SD-03G	BENA			5		
EVCH	SR-04	10/06/86	SR-04G	BENA			1	AMPT	
EVCH	SR-05	10/06/86	SR-05G	AMPT			1		
EVCH	SR-05	10/06/86	SR-05G	BENA			2		

EVCHEN	SR-07	10/03/86	SR-07G	BENA	SR07	1	AMPT	BENA*
EVCHEN	SR-08	10/03/86	SR-08G	BENA	SR08	1		BENA*
EVCHEN	SS-03	10/06/86	SS-03G	BENA		1		
EVCHEN	SS-03	10/06/86	SS-07G	BENA		1		
EVCHEN	SS-05	10/06/86	SS-05G	BENA		1		
EVERETT1	EV-20	01/01/85	EV-20	BENA		1	AMPT	
TPPS3AB	EB-30	03/15/82	1824	BENA		1		
TPPS3AB	EB-31	03/15/82	1818	AMPT		2		
TPPS3AB	EB-31	03/15/82	1818	BENA		1		
TPPS3AB	EB-32	07/15/82	2077	AMPT		1		
TPPS3AB	EB-32	07/15/82	2077	BENA		1		
TPPS3AB	EB-33	03/15/82	1779	AMPT		6		BENA*
TPPS3AB	EB-33	03/15/82	1779	BENA		7		BENA*
TPPS3AB	EB-33	07/15/82	2080	AMPT		1		BENA*
TPPS3AB	EB-33	07/15/82	2080	BENA		4		BENA*
TPPS3AB	EB-34	03/15/82	1780	AMPT		3		
TPPS3AB	EB-34	03/15/82	1780	BENA		3		
TPPS3AB	EB-34	07/15/82	2071	AMPT		2		
TPPS3AB	EB-34	07/15/82	2071	BENA		3		
TPPS3AB	EB-35	03/15/82	1775	AMPT		13		BENA*
TPPS3AB	EB-35	03/15/82	1775	BENA		12		BENA*
TPPS3AB	EB-35	07/15/82	2079	AMPT		13		BENA*
TPPS3AB	EB-35	07/15/82	2079	BENA		6		BENA*
TPPS3AB	EB-36	03/15/82	1776	AMPT		3		BENA*
TPPS3AB	EB-36	03/15/82	1776	BENA		4		BENA*
TPPS3AB	EB-36	07/15/82	2072	AMPT		1		BENA*
TPPS3AB	EB-36	07/15/82	2072	BENA		3		BENA*
TPPS3AB	EB-37	03/15/82	1777	AMPT		3		
TPPS3AB	EB-37	07/15/82	2073	AMPT		12		
TPPS3AB	EB-37	07/15/82	2073	BENA		8		
TPPS3AB	EB-38	03/15/82	1778	AMPT		2		BENA*
TPPS3AB	EB-38	07/15/82	2074	AMPT		2		BENA*
TPPS3AB	EB-38	07/15/82	2074	BENA		2		BENA*
TPPS3AB	EB-39	03/15/82	1814	AMPT		4		
TPPS3AB	EB-39	03/15/82	1814	BENA		2		
TPPS3AB	EB-39	07/15/82	2075	AMPT		3		
TPPS3AB	EB-39	07/15/82	2075	BENA		1		
TPPS3AB	WP-02	07/15/82	2089	AMPT		6		BENA
TPPS3AB	WP-05	03/15/82	1810	AMPT		1		
TPPS3AB	WP-05	03/15/82	1810	BENA		1		
TPPS3AB	WP-07	03/15/82	1812	AMPT		2		

TPPS3AB	WP-07	07/15/82	2093	AMPT
TPPS3AB	WP-08	03/15/82	1813	AMPT
TPPS3AB	WP-09	03/15/82	1815	BENA
TPPS3AB	WP-10	03/15/82	1787	AMPT
TPPS3AB	WP-10	07/15/82	2076	AMPT
TPPS3AB	WP-11	03/15/82	1789	AMPT
TPPS3AB	WP-11	03/15/82	1789	BENA
TPPS3AB	WP-11	07/15/82	2087	AMPT
TPPS3AB	WP-11	07/15/82	2087	BENA
TPPS3AB	WP-15	03/15/82	1817	AMPT
TPPS3AB	WP-15	07/15/82	2094	AMPT
TPPS3AB	WP-16	03/15/82	1816	BENA

TABLE E-5. CHEMICALS EXCEEDING 1986 PUGET SOUND AET FOR
OYSTER LARVAE AND MICROTOX BIOASSAYS

(Comparison Based on 11 Puget Sound Surveys)

Chemical	Number of exceedances of each type		
	MICB	OYST	Sum
1-METHYL NAPHTHALENE	0	1	1
1-METHYLPYRENE	7	7	14
1,2-DICHLOROBENZENE	14	8	22
1,2-DIPHENYLHYDRAZINE	2	2	4
1,2,4-TRICHLOROBENZENE	14	6	20
1,3-DICHLOROBENZENE	2	2	4
1,4-DICHLOROBENZENE	15	13	28
HEXADECENOIC ACID METHYL ESTER	6	6	12
1-METHYL PHENANTHRENE	21	21	42
2-METHYLNAPHTHALENE	20	20	40
2-METHYLPHENOL	6	10	16
2-METHYLPYRENE	4	7	11
2-METHOXYPHENOL	2	2	4
2,3,5 TRIMETHYL NAPHTHALENE	0	1	1
2,4-DIMETHYL PHENOL	21	21	42
2,4,5-TRICHLOROPHENOL	4	4	8
2,4,6-TRICHLOROPHENOL	9	9	18
DIBENZO(A,H)ANTHRACENE	57	57	114
2-METHYL PHENANTHRENE	14	15	29
DI-N-OCTYL PHTHALATE	0	33	33
4-METHYL PHENOL	40	40	80
TETRACHLOROETHYLENE	3	3	6
PENTACHLOROCYCLOPENTANE	13	2	15
PENTACHLOROPHENOL	11	11	22
HEXACHLOROBENZENE	14	2	16
HEXACHLOROBUTADIENE	20	8	28
ACENAPHTHENE	36	36	72
ACENAPHTHYLENE	18	18	36
ALDRIN (PESTICIDE)	0	2	2
ANTHRACENE	53	53	106
ARSENIC	4	4	8
BIS(2-ETHYLHEXYL)PHTHALATE	5	5	10
BENZO(A)ANTHRACENE	61	53	114
BENZO(A)PYRENE	58	58	116
BENZOIC ACID	13	13	26
BENZYL ALCOHOL	23	17	40
BENZO(G,H,I)PERYLENE	60	56	116
BIPHENYL	8	9	17
BUTYL BENZYL PHTHALATE	76	16	92
CADMIUM	7	7	14
CHRYSENE	99	47	146
COPPER	16	16	32
COPROSTANOL	24	0	24
CYMENE (UNSPECIFIED ISOMER)	6	3	9
DIETHYL PHTHALATE	24	11	35
DIBENZOFURAN	18	18	36

DIBENZOTHIOPHENE	14	15	29
DI-N-BUTYL PHTHALATE	14	14	28
DIMETHYL PHTHALATE	38	23	61
ETHYLBENZENE	2	1	3
FLUORANTHENE	98	68	166
FLUORENE	43	43	86
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	79	55	134
INDENO(1,2,3-CD)PYRENE	71	56	127
ISOPIMARADIENE	3	2	5
KAUR-16-ENE	2	1	3
LEAD	18	13	31
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	46	46	92
MERCURY	118	80	198
NAPHTHALENE	23	23	46
TOTAL NITROGEN (NO3+NO3+NH4)	27	27	54
N-NITROSO DIPHENYLAMINE	14	5	19
OIL AND GREASE	63	8	71
POLYCHLORINATED BIPHENYLS	173	31	204
PENTACHLOROBUTADIENE	13	1	14
PHENANTHRENE	71	71	142
PHENOL	8	35	43
P,P'-DDD	0	38	38
P,P'-DDE	0	65	65
P,P'-DDT	0	17	17
PYRENE	70	56	126
RETENE	4	4	8
SILVER	115	115	230
SULFIDES	132	132	264
TOTAL BENZOFLUORANTHENES (B + K)	56	48	104
TETRACHLOROBUTADIENE	12	1	13
TOTAL ORGANIC CARBON	6	6	12
TRICHLOROBUTADIENE	10	1	11
TOTAL VOLATILE SOLIDS	8	8	16
TOTAL XYLENE	3	1	4
ZINC	7	7	14

TABLE E-6. SAMPLES NOT EXCEEDING EITHER OYSTER LARVAE OR MICROTOX BIOASSAY AET

NOTE: * Indicates statistically significant ($P < 0.05$) biological effect.

SURVEY	STN_ID	DATE	SRV_SAMPLE	FIELD_REP	SUBSAMPLE	BIO_EFFECT	
ALK1	AP-01	05/25/84	AP-01			BENA	
ALK1	AP-02	05/25/84	AP-02			BENA	
ALK1	AP-03	05/25/84	AP-03			BENA	
ALK1	AP-04	05/25/84	AP-04			BENA*	
ALK1	AP-05	05/25/84	AP-05			BENA	
ALK1	AP-06	05/25/84	AP-06			BENA	
ALK1	AP-07	05/25/84	AP-07			BENA	
ALK1	PW-01	05/26/84	PW-01			BENA	
ALK1	PW-02	05/26/84	PW-02			BENA	
ALK1	PW-03	05/26/84	PW-03			BENA	
ALK1	PW-04	05/26/84	PW-04			BENA	
CBBLAIR	B10	06/01/84	B10		AMPT	BENA	OYST*
CBBLAIR	B17	06/01/84	B17		AMPT	BENA	OYST
CBMSQS	BL-11	01/01/84	BL-11		AMPT	BENA	MICB OYST
CBMSQS	BL-15	01/01/84	BL-15				
CBMSQS	BL-17	01/01/84	BL-17				
CBMSQS	BL-18	01/01/84	BL-18				
CBMSQS	BL-19	01/01/84	BL-19				
CBMSQS	BL-21	01/01/84	BL-21		AMPT	BENA	MICB OYST
CBMSQS	BL-22	01/01/84	BL-22				
CBMSQS	BL-24	01/01/84	BL-24				
CBMSQS	BL-25	01/01/84	BL-25		AMPT*	BENA	MICB OYST
CBMSQS	BL-27	01/01/84	BL-27				
CBMSQS	BL-28	01/01/84	BL-28		AMPT	BENA	MICB OYST
CBMSQS	BL-31	01/01/84	BL-31		AMPT	BENA	MICB* OYST
CBMSQS	BL-32	01/01/84	BL-32				
CBMSQS	CI-22	01/01/84	CI-22		AMPT	BENA	MICB OYST
CBMSQS	CR-11	01/01/84	CR-11		AMPT	BENA	MICB OYST
CBMSQS	CR-12	01/01/84	CR-12		AMPT	BENA	MICB OYST
CBMSQS	CR-13	01/01/84	CR-13		AMPT	BENA	MICB OYST
CBMSQS	CR-14	01/01/84	CR-14		AMPT	BENA	MICB OYST
CBMSQS	HY-11	01/01/84	HY-11				
CBMSQS	HY-28	01/01/84	HY-28		AMPT	BENA*	MICB OYST
CBMSQS	HY-32	01/01/84	HY-32		AMPT	BENA*	MICB OYST

CBMSQS	HY-44	01/01/84	HY-44	AMPT	BENA	MICB	OYST
CBMSQS	MD-12	01/01/84	MD-12	AMPT	BENA*	MICB	OYST
CBMSQS	MI-11	01/01/84	MI-11	AMPT*	BENA	MICB	OYST
CBMSQS	MI-15	01/01/84	MI-15	AMPT*	BENA	MICB*	OYST
CBMSQS	RS-12	01/01/84	RS-12	AMPT	BENA	MICB	OYST
CBMSQS	RS-14	01/01/84	RS-14	AMPT	BENA	MICB	OYST
CBMSQS	RS-15	01/01/84	RS-15	AMPT	BENA	MICB	OYST
CBMSQS	RS-22	01/01/84	RS-22	AMPT		MICB	OYST
CBMSQS	RS-24	01/01/84	RS-24	AMPT*		MICB	OYST
CBMSQS	SI-15	01/01/84	SI-15	AMPT*	BENA	MICB	OYST
DUNRIV1	DR-01	04/15/85	DR-01	AMPT			
DUNRIV1	DR-02	04/15/85	DR-02	AMPT			
DUNRIV1	DR-03	04/15/85	DR-03	AMPT			
DUNRIV1	DR-04	04/15/85	DR-04	AMPT			
DUNRIV1	DR-05	04/15/85	DR-05	AMPT			
DUNRIV1	DR-06	04/15/85	DR-06	AMPT			
DUNRIV1	DR-07	04/15/85	DR-07	AMPT*			
DUNRIV1	SQ-09	04/19/85	SQ-09	AMPT			
DUNRIV2	DR-12	07/01/85	CA3	AMPT			
DUNRIV2	DR-15	07/01/85	CB3	AMPT			
DUNRIV2	DR-16	07/01/85	CB4	AMPT*			
DUNRIV2	DR-17	07/01/85	CB5	AMPT			
DUNRIV2	DR-18	07/01/85	CC1	AMPT			
DUNRIV2	DR-20	07/01/85	CC3	AMPT			
DUNRIV2	DR-21	07/01/85	CC4	AMPT			
DUNRIV2	DR-24	07/01/85	CD2	AMPT			
DUNRIV2	DR-32	07/01/85	CF5	AMPT			
DUNRIV2	DR-37	07/01/85	CG5	AMPT			
DUNRIV2	SQ-21	07/01/85	SEQUIUM	AMPT			
EBCHEM	AB-02	09/26/85	AB-02	AMPT	BENA		
EBCHEM	AB-03	09/26/85	AB-03	AMPT	BENA*		
EBCHEM	AB-04	09/26/85	AB-04	AMPT	BENA		
EBCHEM	KG-02	10/09/85	KG-02	AMPT*			
EBCHEM	MG-01	09/26/85	MG-01	AMPT	BENA*		
EBCHEM	MG-02	09/26/85	MG-02	AMPT	BENA*		
EBCHEM	MG-03	09/26/85	MG-03	AMPT	BENA*		
EBCHEM	MG-04	09/26/85	MG-04	AMPT	BENA*		
EBCHEM	NH-07	10/09/85	NH-07	AMPT			
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA		1
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA		2
EBCHEM	PS-02	10/12/85	PS-02	AMPT	BENA		

EBCHEM	PS-03	10/12/85	PS-03	AMPT	BENA
EBCHEM	PS-04	10/12/85	PS-04	AMPT	BENA
EBCHEM	SS-01	10/16/85	SS-01	AMPT	BENA
EBCHEM	WJ-15	10/08/85	WJ-15	AMPT	
ENCHEN	EH-03	06/01/85	V6	AMPT	BENA*
ENCHEN	EH-09	06/01/85	V1		
ENCHEN	EH-21	06/01/85	V1		
ENCHEN	EH-24	06/01/85	V1		
ENCHEN	RB-05	06/01/85	V1		
EIGHTBAY	SQ-14	01/01/82	SQ-14	AMPT	
EIGHTBAY	SQ-17	01/01/82	SQ-17	AMPT	
EIGHTBAY	SQ-18	01/01/82	SQ-18	AMPT	
EIGHTBAY	SQ-20	01/01/82	SQ-20	AMPT	
EIGHTBAY	CS-11	01/01/82	CS-11	AMPT*	
EIGHTBAY	CS-15	01/01/82	CS-15	AMPT*	
EIGHTBAY	CS-17	01/01/82	CS-17	AMPT*	
EIGHTBAY	DB-01	01/01/82	DB-01	AMPT	
EIGHTBAY	DB-05	01/01/82	DB-05	AMPT	
EIGHTBAY	DB-07	01/01/82	DB-07	AMPT*	
EIGHTBAY	DB-15	01/01/82	DB-15	AMPT*	
EIGHTBAY	EL-12	01/01/82	EL-12	AMPT	
EIGHTBAY	EL-24	01/01/82	EL-24	AMPT	
EIGHTBAY	SM-03	01/01/82	SM-03	AMPT*	
EIGHTBAY	SM-07	01/01/82	SM-07	AMPT*	
EIGHTBAY	SM-20	01/01/82	SM-20	AMPT*	
EIGHTBAY	EV-02	01/01/82	EV-02	AMPT*	
EIGHTBAY	EV-06	01/01/82	EV-06	AMPT	
EVCHEM	ES-01	10/06/86	ES-01G	AMPT	
EVCHEM	ES-02	10/06/86	ES-02G	AMPT	
EVCHEM	NG-01	10/02/86	NG-01G	AMPT	BENA
EVCHEM	NG-06	10/08/86	NG-06G	AMPT*	BENA
EVCHEM	NG-12	10/15/86	NG-12G	AMPT	
EVCHEM	PS-02	10/13/86	PS-02G	AMPT	BENA
EVCHEM	PS-03	10/13/86	PS-03G	AMPT	BENA
EVCHEM	PS-04	10/10/86	PS-04G	AMPT	BENA
EVCHEM	SD-01	10/09/86	SD-01G	AMPT	BENA*
EVCHEM	SR-01	10/06/86	SR-01G	AMPT	
EVCHEM	SR-02	10/06/86	SR-02G	AMPT	
EVCHEM	SR-03	10/06/86	SR-03G		
EVCHEM	SR-06	10/06/86	SR-06G		
EVCHEM	SS-02	10/06/86	SS-02G		

EVCHM	SS-04	10/06/86	SS-04G	
EVCHM	SS-06	10/06/86	SS-06G	
EVERETT1	EV-21	01/01/85	EV-21	AMPT
EVERETT1	EV-22	01/01/85	EV-22	AMPT
EVERETT1	EV-23	01/01/85	EV-23	AMPT
EVERETT1	EV-24	01/01/85	EV-24	AMPT*
EVERETT1	EV-25	01/01/85	EV-25	AMPT
TPPS3AB	WP-01	03/15/82	1806	
TPPS3AB	WP-01	07/15/82	2088	BENA
TPPS3AB	WP-03	03/15/82	1788	
TPPS3AB	WP-03	07/15/82	2090	BENA*
TPPS3AB	WP-04	03/15/82	1809	
TPPS3AB	WP-04	07/15/82	2091	BENA
TPPS3AB	WP-05	07/15/82	2092	BENA
TPPS3AB	WP-06	03/15/82	1811	
TPPS3AB	WP-06	07/15/82	2084	BENA
TPPS3AB	WP-09	07/15/82	2082	BENA
TPPS3AB	WP-14	03/15/82	1785	BENA
TPPS3AB	WP-16	07/15/82	2086	BENA

TABLE E-7. SAMPLES EXCEEDING EITHER OYSTER LARVAE OR MICROTOX BIOASSAY AET

NOTE: * Indicates statistically significant (P<0.05) biological effect.

SURVEY	STN_ID	DATE	SRV_SAMPLEID	TEST_TYPE	FIELD_REP	SUBSAMPLE	NUM_CHEMS	BIO_EFFECT
CBBLAIR	B02	06/01/84	B02	MICB			1	
CBBLAIR	B03	06/01/84	B03	MICB			2	AMPT BENA OYST
CBBLAIR	B04	06/01/84	B04	MICB			4	AMPT BENA OYST
CBBLAIR	B07	06/01/84	B07	MICB			1	
CBBLAIR	B09	06/01/84	B09	MICB			1	AMPT BENA OYST
CBBLAIR	B11	06/01/84	B11	MICB			1	
CBBLAIR	B12	06/01/84	B12	MICB			1	AMPT BENA OYST
CBBLAIR	B14	06/01/84	B14	MICB			1	
CBBLAIR	B15	06/01/84	B15	MICB			1	AMPT* BENA OYST
CBBLAIR	B18	06/01/84	B18	MICB			1	
CBMSQS	BL-12	01/01/84	BL-12	MICB			1	
CBMSQS	BL-13	01/01/84	BL-13	MICB			2	AMPT BENA MICB* OYST
CBMSQS	BL-14	01/01/84	BL-14	MICB			6	
CBMSQS	BL-14	01/01/84	BL-14	OYST			2	
CBMSQS	BL-16	01/01/84	BL-16	MICB			2	
CBMSQS	BL-16	01/01/84	BL-16	OYST			1	
CBMSQS	BL-20	01/01/84	BL-20	MICB			1	
CBMSQS	BL-23	01/01/84	BL-23	MICB			1	
CBMSQS	BL-23	01/01/84	BL-23	OYST			2	
CBMSQS	BL-26	01/01/84	BL-26	MICB			3	
CBMSQS	BL-26	01/01/84	BL-26	OYST			1	
CBMSQS	BL-29	01/01/84	BL-29	MICB			3	
CBMSQS	BL-30	01/01/84	BL-30	MICB			1	
CBMSQS	CB-11	01/01/84	CB-11	MICB			2	
CBMSQS	CB-11	01/01/84	CB-11	OYST			2	
CBMSQS	CB-12	01/01/84	CB-12	MICB			1	
CBMSQS	CB-12	01/01/84	CB-12	OYST			1	
CBMSQS	CB-13	01/01/84	CB-13	MICB			3	
CBMSQS	CB-13	01/01/84	CB-13	OYST			1	
CBMSQS	CB-14	01/01/84	CB-14	MICB			2	
CBMSQS	CB-14	01/01/84	CB-14	OYST			1	
CBMSQS	CI-11	01/01/84	CI-11	MICB			14	AMPT* BENA* MICB* OYST*
CBMSQS	CI-11	01/01/84	CI-11	OYST			9	AMPT* BENA* MICB* OYST*

[illegible]

CBMSQS	HY-25	01/01/84	HY-25	MICB	7
CBMSQS	HY-25	01/01/84	HY-25	OYST	1
CBMSQS	HY-26	01/01/84	HY-26	MICB	10
CBMSQS	HY-26	01/01/84	HY-26	OYST	6
CBMSQS	HY-27	01/01/84	HY-27	MICB	3
CBMSQS	HY-29	01/01/84	HY-29	MICB	4
CBMSQS	HY-30	01/01/84	HY-30	MICB	1
CBMSQS	HY-31	01/01/84	HY-31	MICB	2
CBMSQS	HY-33	01/01/84	HY-33	MICB	8
CBMSQS	HY-33	01/01/84	HY-33	OYST	2
CBMSQS	HY-34	01/01/84	HY-34	MICB	2
CBMSQS	HY-35	01/01/84	HY-35	MICB	7
CBMSQS	HY-36	01/01/84	HY-36	MICB	11
CBMSQS	HY-36	01/01/84	HY-36	OYST	7
CBMSQS	HY-37	01/01/84	HY-37	MICB	7
CBMSQS	HY-38	01/01/84	HY-38	MICB	6
CBMSQS	HY-39	01/01/84	HY-39	MICB	9
CBMSQS	HY-39	01/01/84	HY-39	OYST	3
CBMSQS	HY-40	01/01/84	HY-40	MICB	14
CBMSQS	HY-40	01/01/84	HY-40	OYST	6
CBMSQS	HY-41	01/01/84	HY-41	MICB	11
CBMSQS	HY-41	01/01/84	HY-41	OYST	4
CBMSQS	HY-42	01/01/84	HY-42	MICB	9
CBMSQS	HY-43	01/01/84	HY-43	MICB	9
CBMSQS	HY-45	01/01/84	HY-45	MICB	7
CBMSQS	HY-45	01/01/84	HY-45	OYST	2
CBMSQS	HY-46	01/01/84	HY-46	MICB	12
CBMSQS	HY-46	01/01/84	HY-46	OYST	4
CBMSQS	HY-47	01/01/84	HY-47	MICB	10
CBMSQS	HY-47	01/01/84	HY-47	OYST	3
CBMSQS	HY-48	01/01/84	HY-48	MICB	9
CBMSQS	HY-48	01/01/84	HY-48	OYST	1
CBMSQS	HY-49	01/01/84	HY-49	MICB	1
CBMSQS	HY-49	01/01/84	HY-49	OYST	1
CBMSQS	HY-50	01/01/84	HY-50	MICB	1
CBMSQS	HY-51	01/01/84	HY-51	MICB	1
CBMSQS	HY-51	01/01/84	HY-51	OYST	1
CBMSQS	MD-11	01/01/84	MD-11	MICB	14
CBMSQS	MD-11	01/01/84	MD-11	OYST	13
CBMSQS	MD-13	01/01/84	MD-13	MICB	2
CBMSQS	MD-13	01/01/84	MD-13	OYST	2

1 1 1 1 1 1 1 1 16 14 7 6 31 31 6 6 1 19 15 2 2 1 1 11 8 1 2 5 5 13 13 4 2 4 3 3 2 2 2 1 2 1

DUMRIV2	DR-19	07/01/85	CC2	MICB	1	AMPT
DUMRIV2	DR-22	07/01/85	CC5	MICB	1	AMPT
DUMRIV2	DR-23	07/01/85	CD1	MICB	2	AMPT
DUMRIV2	DR-23	07/01/85	CD1	OYST	2	AMPT
DUMRIV2	DR-25	07/01/85	CE1	MICB	1	AMPT*
DUMRIV2	DR-26	07/01/85	CE2	MICB	2	AMPT*
DUMRIV2	DR-26	07/01/85	CE2	OYST	1	AMPT*
DUMRIV2	DR-27	07/01/85	CE3	MICB	4	AMPT*
DUMRIV2	DR-27	07/01/85	CE3	OYST	4	AMPT*
DUMRIV2	DR-28	07/01/85	CF1	MICB	2	AMPT
DUMRIV2	DR-28	07/01/85	CF1	OYST	1	AMPT
DUMRIV2	DR-29	07/01/85	CF2	MICB	2	AMPT*
DUMRIV2	DR-29	07/01/85	CF2	OYST	1	AMPT*
DUMRIV2	DR-30	07/01/85	CF3	MICB	1	AMPT
DUMRIV2	DR-31	07/01/85	CF4	MICB	1	AMPT
DUMRIV2	DR-33	07/01/85	CG1	MICB	1	AMPT
DUMRIV2	DR-33	07/01/85	CG1	OYST	1	AMPT
DUMRIV2	DR-34	07/01/85	CG2	MICB	1	AMPT
DUMRIV2	DR-34	07/01/85	CG2	OYST	1	AMPT
DUMRIV2	DR-35	07/01/85	CG3	MICB	2	AMPT
DUMRIV2	DR-36	07/01/85	CG4	MICB	2	AMPT
DUMRIV2	DR-36	07/01/85	CG4	OYST	2	AMPT
DUMRIV2	DR-38	07/01/85	CH1	MICB	1	AMPT
DUMRIV2	DR-38	07/01/85	CH1	OYST	1	AMPT
DUMRIV2	DR-39	07/01/85	CW/A1	MICB	1	AMPT
DUMRIV2	DR-39	07/01/85	CW/A1	OYST	1	AMPT
EBCHEM	AB-01	09/26/85	AB-01	MICB	19	AMPT*
EBCHEM	AB-01	09/26/85	AB-01	OYST	17	AMPT*
EBCHEM	DR-01	09/30/85	DR-01	MICB	2	AMPT
EBCHEM	DR-01	09/30/85	DR-01	OYST	1	AMPT
EBCHEM	DR-02	09/30/85	DR-02	MICB	4	AMPT*
EBCHEM	DR-02	09/30/85	DR-02	OYST	1	AMPT*
EBCHEM	DR-03	09/30/85	DR-03	MICB	2	AMPT
EBCHEM	DR-03	09/30/85	DR-03	OYST	1	AMPT
EBCHEM	DR-04	09/30/85	DR-04	MICB	1	AMPT
EBCHEM	DR-05	09/30/85	DR-05	MICB	2	
EBCHEM	DR-05	09/30/85	DR-05	OYST	1	
EBCHEM	DR-06	10/09/85	DR-06	MICB	1	AMPT
EBCHEM	DR-07	09/30/85	DR-07	MICB	2	AMPT
EBCHEM	DR-07	09/30/85	DR-07	OYST	1	AMPT
EBCHEM	DR-08	09/30/85	DR-08	MICB	7	

EBCHEM	DR-08	09/30/85	DR-08	OYST	5	
EBCHEM	DR-09	09/30/85	DR-09	MICB	2	AMPT
EBCHEM	DR-09	09/30/85	DR-09	OYST	1	AMPT
EBCHEM	DR-10	09/30/85	DR-10	MICB	3	
EBCHEM	DR-10	09/30/85	DR-10	OYST	3	
EBCHEM	DR-11	09/30/85	DR-11	MICB	2	AMPT
EBCHEM	DR-11	09/30/85	DR-11	OYST	1	AMPT
EBCHEM	DR-12	09/30/85	DR-12	MICB	4	
EBCHEM	DR-12	09/30/85	DR-12	OYST	1	
EBCHEM	DR-13	09/30/85	DR-13	MICB	2	AMPT*
EBCHEM	DR-13	09/30/85	DR-13	OYST	1	AMPT*
EBCHEM	DR-14	09/30/85	DR-14	MICB	2	AMPT*
EBCHEM	DR-14	09/30/85	DR-14	OYST	1	AMPT*
EBCHEM	DR-15	09/30/85	DR-15	MICB	2	AMPT*
EBCHEM	DR-15	09/30/85	DR-15	OYST	1	AMPT*
EBCHEM	DR-16	09/30/85	DR-16	MICB	15	AMPT*
EBCHEM	DR-16	09/30/85	DR-16	OYST	11	AMPT*
EBCHEM	DR-17	09/30/85	DR-17	MICB	2	AMPT
EBCHEM	DR-17	09/30/85	DR-17	OYST	1	AMPT
EBCHEM	DR-25	10/10/85	DR-25	MICB	4	AMPT*
EBCHEM	DR-25	10/10/85	DR-25	OYST	5	AMPT*
EBCHEM	EW-01	10/09/85	EW-01	MICB	2	AMPT
EBCHEM	EW-01	10/09/85	EW-01	OYST	1	AMPT
EBCHEM	EW-02	10/04/85	EW-02	MICB	18	AMPT* BENA*
EBCHEM	EW-02	10/04/85	EW-02	OYST	15	AMPT* BENA*
EBCHEM	EW-03	10/04/85	EW-03	MICB	5	BENA
EBCHEM	EW-03	10/04/85	EW-03	OYST	2	BENA
EBCHEM	EW-04	10/14/85	EW-04	MICB	16	AMPT* BENA*
EBCHEM	EW-04	10/14/85	EW-04	OYST	13	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	MICB	10	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	OYST	7	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	MICB	7	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	OYST	5	AMPT* BENA*
EBCHEM	EW-06	10/04/85	EW-06	MICB	20	AMPT* BENA*
EBCHEM	EW-06	10/04/85	EW-06	OYST	18	AMPT* BENA*
EBCHEM	EW-07	10/14/85	EW-07	MICB	10	AMPT* BENA*
EBCHEM	EW-07	10/14/85	EW-07	OYST	3	AMPT* BENA*
EBCHEM	EW-08	10/14/85	EW-08	MICB	5	AMPT* BENA*
EBCHEM	EW-08	10/14/85	EW-08	OYST	1	AMPT* BENA*
EBCHEM	EW-09	10/14/85	EW-09	MICB	7	AMPT* BENA*
EBCHEM	EW-09	10/14/85	EW-09	OYST	1	AMPT* BENA*

EBCHEM	EW-10	10/14/85	EW-10	MICB	5	AMPT*	BENA
EBCHEM	EW-10	10/14/85	EW-10	OYST	1	AMPT*	BENA
EBCHEM	EW-11	10/14/85	EW-11	MICB	13	AMPT*	BENA*
EBCHEM	EW-11	10/14/85	EW-11	OYST	9	AMPT*	BENA*
EBCHEM	EW-12	10/15/85	EW-12	MICB	4	AMPT	BENA
EBCHEM	EW-12	10/15/85	EW-12	OYST	2	AMPT	BENA
EBCHEM	EW-13	10/15/85	EW-13	MICB	3	AMPT	BENA
EBCHEM	EW-13	10/15/85	EW-13	OYST	1	AMPT	BENA
EBCHEM	EW-14	10/15/85	EW-14	MICB	21	AMPT	BENA
EBCHEM	EW-14	10/15/85	EW-14	OYST	18	AMPT	BENA
EBCHEM	EW-15	10/15/85	EW-15	MICB	6	AMPT	BENA
EBCHEM	EW-15	10/15/85	EW-15	OYST	1	AMPT	BENA
EBCHEM	EW-16	10/15/85	EW-16	MICB	1	AMPT*	BENA
EBCHEM	KG-01	09/25/85	KG-01	MICB	11	AMPT	BENA*
EBCHEM	KG-01	09/25/85	KG-01	OYST	4	AMPT	BENA*
EBCHEM	KG-03	09/25/85	KG-03	MICB	4	AMPT*	BENA
EBCHEM	KG-03	09/25/85	KG-03	OYST	1	AMPT*	BENA
EBCHEM	KG-04	10/09/85	KG-04	MICB	1	AMPT	
EBCHEM	KG-04	10/09/85	KG-04	OYST	1	AMPT	
EBCHEM	KG-05	09/30/85	KG-05	MICB	4	AMPT*	BENA*
EBCHEM	KG-05	09/30/85	KG-05	OYST	2	AMPT*	BENA*
EBCHEM	KG-06	09/30/85	KG-06	MICB	6	AMPT	BENA*
EBCHEM	KG-06	09/30/85	KG-06	OYST	3	AMPT	BENA*
EBCHEM	KG-07	09/30/85	KG-07	MICB	4	AMPT	BENA*
EBCHEM	KG-07	09/30/85	KG-07	OYST	2	AMPT	BENA*
EBCHEM	KG-08	10/01/85	KG-08	MICB	2	AMPT	BENA*
EBCHEM	KG-08	10/01/85	KG-08	OYST	1	AMPT	BENA*
EBCHEM	KG-09	10/01/85	KG-09	MICB	3	AMPT*	BENA
EBCHEM	KG-09	10/01/85	KG-09	OYST	2	AMPT*	BENA
EBCHEM	KG-10	10/08/85	KG-10	MICB	2	AMPT*	
EBCHEM	KG-10	10/08/85	KG-10	OYST	2	AMPT*	
EBCHEM	KG-11	10/01/85	KG-11	MICB	2	AMPT*	
EBCHEM	KG-11	10/01/85	KG-11	OYST	2	AMPT*	BENA*
EBCHEM	NH-01	10/15/85	NH-01	MICB	1	AMPT*	BENA*
EBCHEM	NH-01	10/15/85	NH-01	OYST	7	AMPT	BENA*
EBCHEM	NH-02	10/15/85	NH-02	MICB	2	AMPT	BENA*
EBCHEM	NH-02	10/15/85	NH-02	OYST	4	AMP	BENA*
EBCHEM	NH-03	10/16/85	NH-03	MICB	1	AMPT*	BENA*
EBCHEM	NH-03	10/16/85	NH-03	OYST	22	AMPT*	BENA*
EBCHEM	NH-04	10/15/85	NH-04	MICB	19	AMPT*	BENA*
EBCHEM	NH-04	10/15/85	NH-04	OYST	22	AMPT*	BENA*
EBCHEM	NH-04	10/15/85	NH-04	OYST	20	AMPT*	BENA*

EBCHEM	NH-05	10/15/85	NH-05	MICB	12	AMPT*	BENA*
EBCHEM	NH-05	10/15/85	NH-05	OYST	8	AMPT*	BENA*
EBCHEM	NH-06	10/16/85	NH-06	MICB	26	AMPT*	BENA*
EBCHEM	NH-06	10/16/85	NH-06	OYST	24	AMPT*	BENA*
EBCHEM	NH-08	10/16/85	NH-08	MICB	25	AMPT*	BENA*
EBCHEM	NH-08	10/16/85	NH-08	OYST	24	AMPT*	BENA*
EBCHEM	NH-09	10/16/85	NH-09	MICB	2	AMPT*	BENA
EBCHEM	NH-09	10/16/85	NH-09	OYST	1	AMPT*	BENA
EBCHEM	NH-10	10/08/85	NH-10	MICB	1	AMPT	
EBCHEM	NH-11	10/15/85	NH-11	MICB	1	AMPT*	BENA*
EBCHEM	NS-01	10/08/85	NS-01	MICB	1	AMPT*	
EBCHEM	NS-01	10/08/85	NS-01	OYST	1	AMPT*	
EBCHEM	NS-02	09/27/85	NS-02	MICB	3	AMPT	BENA
EBCHEM	NS-02	09/27/85	NS-02	OYST	2	AMPT	BENA
EBCHEM	NS-03	10/04/85	NS-03	MICB	3	AMPT	BENA
EBCHEM	NS-03	10/04/85	NS-03	OYST	1	AMPT	BENA
EBCHEM	NS-04	10/08/85	NS-04	MICB	2		
EBCHEM	NS-04	10/08/85	NS-04	OYST	2		
EBCHEM	NS-05	10/04/85	NS-05	MICB	1	AMPT	BENA
EBCHEM	NS-06	09/27/85	NS-06	MICB	1		BENA*
EBCHEM	NS-06	09/27/85	NS-06	OYST	1		BENA*
EBCHEM	NS-07	10/04/85	NS-07	MICB	15	AMPT*	BENA
EBCHEM	NS-07	10/04/85	NS-07	OYST	14	AMPT*	BENA
EBCHEM	NS-08	09/26/85	NS-08	MICB	9	AMPT*	BENA*
EBCHEM	NS-08	09/26/85	NS-08	OYST	6	AMPT*	BENA*
EBCHEM	PS-05	10/15/85	PS-05	MICB	11		
EBCHEM	PS-05	10/15/85	PS-05	OYST	11		
EBCHEM	SS-03	10/04/85	SS-03	MICB	22	AMPT*	BENA*
EBCHEM	SS-03	10/04/85	SS-03	OYST	15	AMPT*	BENA*
EBCHEM	SS-04	10/04/85	SS-04	MICB	20		BENA*
EBCHEM	SS-04	10/04/85	SS-04	OYST	18		BENA*
EBCHEM	SS-05	10/03/85	SS-05	MICB	21	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	OYST	20	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	MICB	13	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	OYST	7	AMPT	BENA
EBCHEM	SS-06	10/03/85	SS-06	MICB	21	AMPT*	BENA*
EBCHEM	SS-06	10/03/85	SS-06	OYST	19	AMPT*	BENA*
EBCHEM	SS-07	10/03/85	SS-07	MICB	24	AMPT*	BENA
EBCHEM	SS-07	10/03/85	SS-07	OYST	23	AMPT*	BENA
EBCHEM	SS-08	09/27/85	SS-08	MICB	27	AMPT*	BENA*
EBCHEM	SS-08	09/27/85	SS-08	OYST	27	AMPT*	BENA*

EBCEM	SS-09	09/27/85	SS-09	MICB	25	AMPT*	BENA*
EBCEM	SS-09	09/27/85	SS-09	OYST	25	AMPT*	BENA*
EBCEM	SS-10	09/27/85	SS-10	MICB	15		
EBCEM	SS-10	09/27/85	SS-10	OYST	15		
EBCEM	SS-11	09/27/85	SS-11	MICB	16	AMPT	BENA
EBCEM	SS-11	09/27/85	SS-11	OYST	13	AMPT	BENA
EBCEM	SS-12	09/27/85	SS-12	MICB	5	AMPT	BENA
EBCEM	SS-12	09/27/85	SS-12	OYST	2	AMPT	BENA
EBCEM	WW-01	10/01/85	WW-01	MICB	1	AMPT	BENA*
EBCEM	WW-02	10/09/85	WW-02	MICB	3	AMPT*	
EBCEM	WW-02	10/09/85	WW-02	OYST	1	AMPT*	
EBCEM	WW-03	10/01/85	WW-03	MICB	1	AMPT	BENA*
EBCEM	WW-04	10/01/85	WW-04	MICB	19	AMPT	BENA*
EBCEM	WW-04	10/01/85	WW-04	OYST	18	AMPT	BENA*
EBCEM	WW-05	10/01/85	WW-05	MICB	2	AMPT	BENA*
EBCEM	WW-05	10/01/85	WW-05	OYST	2	AMPT	BENA*
EBCEM	WW-06	10/01/85	WW-06	MICB	5	AMPT	BENA*
EBCEM	WW-06	10/01/85	WW-06	OYST	1	AMPT	BENA*
EBCEM	WW-06	10/01/85	WW-06	MICB	11	AMPT	BENA*
EBCEM	WW-06	10/01/85	WW-06	OYST	7	AMPT	BENA*
EBCEM	WW-08	10/01/85	WW-08	MICB	5	AMPT*	BENA*
EBCEM	WW-08	10/01/85	WW-08	OYST	2	AMPT*	BENA*
EBCEM	WW-09	10/02/85	WW-09	MICB	21	AMPT*	BENA*
EBCEM	WW-09	10/02/85	WW-09	OYST	20	AMPT*	BENA*
EBCEM	WW-10	10/02/85	WW-10	MICB	5	AMPT	BENA*
EBCEM	WW-10	10/02/85	WW-10	OYST	2	AMPT	BENA*
EBCEM	WW-11	10/02/85	WW-11	MICB	12	AMPT*	BENA*
EBCEM	WW-11	10/02/85	WW-11	OYST	10	AMPT*	BENA*
EBCEM	WW-12	10/02/85	WW-12	MICB	17	AMPT*	BENA*
EBCEM	WW-12	10/02/85	WW-12	OYST	15	AMPT*	BENA*
EBCEM	WW-13	10/02/85	WW-13	MICB	7	AMPT	BENA
EBCEM	WW-13	10/02/85	WW-13	OYST	4	AMPT	BENA
EBCEM	WW-14	10/02/85	WW-14	MICB	14		BENA*
EBCEM	WW-14	10/02/85	WW-14	OYST	12		BENA*
EBCEM	WW-16	10/02/85	WW-16	MICB	6	AMPT	BENA*
EBCEM	WW-16	10/02/85	WW-16	OYST	3	AMPT	BENA*
EBCEM	WW-17	10/03/85	WW-17	MICB	14	AMPT	BENA*
EBCEM	WW-17	10/03/85	WW-17	OYST	9	AMPT	BENA*
EBCEM	WW-18	10/03/85	WW-18	MICB	7	AMPT	BENA*
EBCEM	WW-18	10/03/85	WW-18	OYST	4	AMPT	BENA*
EBCEM	WW-19	10/03/85	WW-19	MICB	8	AMPT	BENA*

ENCHEN	WW-19	10/03/85	WW-19	OYST	4	AMPT	BENA*
ENCHEN	WW-20	10/03/85	WW-20	MICB	4	AMPT	BENA*
ENCHEN	WW-20	10/03/85	WW-20	OYST	2	AMPT	BENA*
ENCHEN	BH-01	06/01/85	B1	MICB	1	AMPT	BENA
ENCHEN	BH-02	06/01/85	B1	MICB	1	AMPT	BENA
ENCHEN	EH-01	06/01/85	B1	MICB	1	AMPT	BENA
ENCHEN	EH-02	06/01/85	B1	MICB	2	AMPT	BENA*
ENCHEN	EH-04	06/01/85	V1	MICB	16		
ENCHEN	EH-04	06/01/85	V1	OYST	16		
ENCHEN	EH-05	06/01/85	V1	MICB	15	AMPT	BENA*
ENCHEN	EH-05	06/01/85	V1	OYST	13	AMPT	BENA*
ENCHEN	EH-06	06/01/85	V6	MICB	5	AMPT	BENA*
ENCHEN	EH-06	06/01/85	V6	OYST	3	AMPT	BENA*
ENCHEN	EH-07	06/01/85	V1	MICB	13		
ENCHEN	EH-07	06/01/85	V1	OYST	13		
ENCHEN	EH-08	06/01/85	B1	MICB	16		
ENCHEN	EH-08	06/01/85	B1	OYST	16		
ENCHEN	EH-08	06/01/85	V1	MICB	17	AMPT*	BENA*
ENCHEN	EH-08	06/01/85	V1	OYST	17	AMPT*	BENA*
ENCHEN	EH-10	06/01/85	V1	MICB	15		
ENCHEN	EH-10	06/01/85	V1	OYST	15		
ENCHEN	EH-11	06/01/85	V1	MICB	14		
ENCHEN	EH-11	06/01/85	V1	OYST	15		
ENCHEN	EH-12	06/01/85	B1	MICB	10		
ENCHEN	EH-12	06/01/85	B1	OYST	9		
ENCHEN	EH-13	06/01/85	V1	MICB	2		
ENCHEN	EH-13	06/01/85	V1	OYST	1		
ENCHEN	EH-14	06/01/85	V1	MICB	11		
ENCHEN	EH-14	06/01/85	V1	OYST	10		
ENCHEN	EH-15	06/01/85	V1	MICB	19	AMPT	BENA*
ENCHEN	EH-15	06/01/85	V1	OYST	19	AMPT	BENA*
ENCHEN	EH-16	06/01/85	B1	MICB	2		
ENCHEN	EH-16	06/01/85	B1	OYST	2		
ENCHEN	EH-16	06/01/85	V1	MICB	5	AMPT	BENA*
ENCHEN	EH-16	06/01/85	V1	OYST	4	AMPT	BENA*
ENCHEN	EH-17	06/01/85	V1	MICB	8		
ENCHEN	EH-17	06/01/85	V1	OYST	4		
ENCHEN	EH-18	06/01/85	V1	MICB	11		
ENCHEN	EH-18	06/01/85	V1	OYST	6		
ENCHEN	EH-19	06/01/85	V1	MICB	18		
ENCHEN	EH-19	06/01/85	V1	OYST	17		

ENCHEN	EH-20	06/01/85	V1	MICB	1	
ENCHEN	EH-20	06/01/85	V1	OYST	1	
ENCHEN	EH-22	06/01/85	B1	MICB	2	
ENCHEN	EH-22	06/01/85	B1	OYST	1	
ENCHEN	EH-23	06/01/85	V1	MICB	1	
ENCHEN	EH-23	06/01/85	V1	OYST	1	
ENCHEN	RB-01	06/01/85	V1	MICB	1	
ENCHEN	RB-01	06/01/85	V1	OYST	1	
ENCHEN	RB-02	06/01/85	V1	MICB	1	
ENCHEN	RB-03	06/01/85	V1	MICB	1	
ENCHEN	RB-03	06/01/85	V1	OYST	1	
ENCHEN	RB-04	06/01/85	V1	MICB	1	
ENCHEN	RB-04	06/01/85	V1	OYST	1	
ENCHEN	RB-06	06/01/85	B1	MICB	1	
ENCHEN	RB-06	06/01/85	B1	OYST	1	
ENCHEN	RB-07	06/01/85	V1	MICB	1	
ENCHEN	RB-07	06/01/85	V1	OYST	1	
ENCHEN	WP-01	06/01/85	V1	MICB	1	
ENCHEN	WP-01	06/01/85	V1	OYST	1	
ENCHEN	WP-01	06/01/85	V1	OYST	2	
EIGHTBAY	BH-03	01/01/82	BH-03	MICB	3	AMPT
EIGHTBAY	BH-03	01/01/82	BH-03	OYST	3	AMPT
EIGHTBAY	BH-04	01/01/82	BH-04	MICB	1	AMPT
EIGHTBAY	BH-04	01/01/82	BH-04	OYST	1	AMPT
EIGHTBAY	BH-05	01/01/82	BH-05	MICB	1	AMPT*
EIGHTBAY	BH-05	01/01/82	BH-05	OYST	1	AMPT*
EIGHTBAY	BH-07	01/01/82	BH-07	MICB	1	AMPT
EIGHTBAY	BH-07	01/01/82	BH-07	OYST	1	AMPT
EIGHTBAY	BH-11	01/01/82	BH-11	MICB	1	AMPT
EIGHTBAY	BH-12	01/01/82	BH-12	MICB	1	AMPT
EIGHTBAY	BH-12	01/01/82	BH-12	OYST	1	AMPT
EIGHTBAY	BH-23	01/01/82	BH-23	MICB	1	AMPT*
EIGHTBAY	BH-24	01/01/82	BH-24	MICB	1	AMPT
EIGHTBAY	CS-01	01/01/82	CS-01	OYST	1	AMPT*
EIGHTBAY	EL-09	01/01/82	EL-09	MICB	2	AMPT
EIGHTBAY	EL-09	01/01/82	EL-09	OYST	1	AMPT
EIGHTBAY	EL-10	01/01/82	EL-10	MICB	9	AMPT
EIGHTBAY	EL-10	01/01/82	EL-10	OYST	4	AMPT
EIGHTBAY	EL-17	01/01/82	EL-17	MICB	2	AMPT
EIGHTBAY	EL-20	01/01/82	EL-20	MICB	2	AMPT
EIGHTBAY	EL-20	01/01/82	EL-20	OYST	1	AMPT
EIGHTBAY	EL-22	01/01/82	EL-22	MICB	2	AMPT

EIGHTBAY	EL-23	01/01/82	EL-23	MICB	1	AMPT
EIGHTBAY	EV-01	01/01/82	EV-01	MICB	3	AMPT*
EIGHTBAY	EV-01	01/01/82	EV-01	OYST	2	AMPT*
EIGHTBAY	EV-03	01/01/82	EV-03	MICB	2	AMPT*
EIGHTBAY	EV-03	01/01/82	EV-03	OYST	1	AMPT*
EIGHTBAY	EV-04	01/01/82	EV-04	MICB	11	AMPT*
EIGHTBAY	EV-04	01/01/82	EV-04	OYST	9	AMPT*
EIGHTBAY	EV-05	01/01/82	EV-05	MICB	3	AMPT*
EIGHTBAY	EV-05	01/01/82	EV-05	OYST	1	AMPT*
EIGHTBAY	EV-07	01/01/82	EV-07	MICB	2	AMPT
EIGHTBAY	EV-07	01/01/82	EV-07	OYST	1	AMPT
EIGHTBAY	EV-11	01/01/82	EV-11	MICB	1	AMPT*
EIGHTBAY	SC-06	01/01/82	SC-06	MICB	2	AMPT*
EIGHTBAY	SC-06	01/01/82	SC-06	OYST	2	AMPT*
EIGHTBAY	SC-07	01/01/82	SC-07	MICB	3	AMPT
EIGHTBAY	SC-07	01/01/82	SC-07	OYST	2	AMPT
EIGHTBAY	SC-08	01/01/82	SC-08	MICB	2	AMPT*
EIGHTBAY	SC-08	01/01/82	SC-08	OYST	1	AMPT*
EIGHTBAY	SC-14	01/01/82	SC-14	MICB	2	AMPT*
EIGHTBAY	SC-14	01/01/82	SC-14	OYST	2	AMPT*
EIGHTBAY	SC-17	01/01/82	SC-17	MICB	2	AMPT*
EIGHTBAY	SC-17	01/01/82	SC-17	OYST	1	AMPT*
EIGHTBAY	SC-18	01/01/82	SC-18	MICB	2	AMPT*
EIGHTBAY	SC-18	01/01/82	SC-18	OYST	1	AMPT*
EIGHTBAY	SC-19	01/01/82	SC-19	MICB	1	AMPT
EIGHTBAY	SC-19	01/01/82	SC-19	OYST	1	AMPT
EIGHTBAY	SC-20	01/01/82	SC-20	MICB	12	AMPT*
EIGHTBAY	SC-20	01/01/82	SC-20	OYST	9	AMPT*
EIGHTBAY	SM-01	01/01/82	SM-01	MICB	1	AMPT*
EIGHTBAY	SM-01	01/01/82	SM-01	OYST	1	AMPT*
EVCHEM	ES-03	10/06/86	ES-03G	MICB	2	AMPT
EVCHEM	ES-03	10/06/86	ES-03G	OYST	3	AMPT
EVCHEM	EW-01	10/07/86	EW-01G	MICB	5	AMPT* BENA*
EVCHEM	EW-01	10/07/86	EW-01G	OYST	3	AMPT* BENA*
EVCHEM	EW-02	09/30/86	EW-02G	MICB	2	
EVCHEM	EW-02	09/30/86	EW-02G	OYST	2	
EVCHEM	EW-03	09/30/86	EW-03G	MICB	2	
EVCHEM	EW-03	09/30/86	EW-03G	OYST	2	
EVCHEM	EW-04	09/30/86	EW-04G	MICB	17	AMPT* BENA*
EVCHEM	EW-04	09/30/86	EW-04G	OYST	17	AMPT* BENA*
EVCHEM	EW-05	09/30/86	EW-05G	MICB	2	

EVCH01	EW-05	09/30/86	EW-05G	OYST	2	
EVCH02	EW-06	09/30/86	EW-06G	MICB	2	
EVCH03	EW-06	09/30/86	EW-06G	OYST	2	
EVCH04	EW-07	09/30/86	EW-07G	MICB	11	AMPT* BENA*
EVCH05	EW-07	09/30/86	EW-07G	OYST	13	AMPT* BENA*
EVCH06	EW-08	09/30/86	EW-08G	MICB	2	
EVCH07	EW-08	09/30/86	EW-08G	OYST	2	
EVCH08	EW-09	09/30/86	EW-09G	MICB	2	
EVCH09	EW-09	09/30/86	EW-09G	OYST	2	
EVCH10	EW-10	10/01/86	EW-10G	MICB	7	AMPT* BENA*
EVCH11	EW-10	10/01/86	EW-10G	OYST	5	AMPT* BENA*
EVCH12	EW-11	09/30/86	EW-11G	MICB	3	
EVCH13	EW-11	09/30/86	EW-11G	OYST	3	
EVCH14	EW-12	10/01/86	EW-12G	MICB	2	AMPT BENA*
EVCH15	EW-12	10/01/86	EW-12G	OYST	2	AMPT BENA*
EVCH16	EW-13	10/01/86	EW-13G	MICB	13	
EVCH17	EW-13	10/01/86	EW-13G	OYST	13	
EVCH18	EW-14	10/01/86	EW-14G	MICB	25	BENA*
EVCH19	EW-14	10/01/86	EW-14G	OYST	25	BENA*
EVCH20	EW-15	10/01/86	EW-15G	MICB	5	
EVCH21	EW-15	10/01/86	EW-15G	OYST	6	
EVCH22	NG-02	10/02/86	NG-02G	MICB	1	AMPT BENA*
EVCH23	NG-02	10/02/86	NG-02G	OYST	1	AMPT BENA*
EVCH24	NG-03	10/02/86	NG-03G	MICB	1	AMPT BENA*
EVCH25	NG-03	10/02/86	NG-03G	OYST	1	AMPT BENA*
EVCH26	NG-04	10/02/86	NG-04G	MICB	1	AMPT* BENA*
EVCH27	NG-04	10/02/86	NG-04G	OYST	1	AMPT* BENA*
EVCH28	NG-05	10/02/86	NG-05G	MICB	2	
EVCH29	NG-05	10/02/86	NG-05G	OYST	2	
EVCH30	NG-07	10/02/86	NG-07G	MICB	1	
EVCH31	NG-07	10/02/86	NG-07G	OYST	1	
EVCH32	NG-08	10/02/86	NG-08G	MICB	2	
EVCH33	NG-08	10/02/86	NG-08G	OYST	2	
EVCH34	NG-09	10/03/86	NG-09G	MICB	5	
EVCH35	NG-09	10/03/86	NG-09G	OYST	5	
EVCH36	NG-10	10/03/86	NG-10G	MICB	2	AMPT BENA
EVCH37	NG-10	10/03/86	NG-10G	OYST	3	AMPT BENA
EVCH38	NG-11	10/03/86	NG-11G	MICB	4	
EVCH39	NG-11	10/03/86	NG-11G	OYST	5	
EVCH40	NG-13	10/15/86	NG-13G	OYST	1	AMPT
EVCH41	NG-14	10/15/86	NG-14G	MICB	1	AMPT

EVCH	NG-14	10/15/86	NG-14G	OYST			2	AMPT
EVCH	NG-15	10/15/86	NG-15G	MICB			1	AMPT
EVCH	NG-15	10/15/86	NG-15G	OYST			2	AMPT
EVCH	OG-01	10/09/86	OG-01G	MICB			1	
EVCH	OG-01	10/09/86	OG-01G	OYST			2	
EVCH	OG-02	10/09/86	OG-02G	MICB			1	
EVCH	OG-02	10/09/86	OG-02G	OYST			1	
EVCH	OG-03	10/09/86	OG-03G	MICB	OG03		1	AMPT*
EVCH	OG-03	10/09/86	OG-03G	OYST	OG03		1	AMPT*
EVCH	OG-04	10/09/86	OG-04G	MICB			2	
EVCH	OG-04	10/09/86	OG-04G	OYST			3	
EVCH	OG-05	10/09/86	OG-05G	MICB			2	
EVCH	OG-05	10/09/86	OG-05G	OYST			2	
EVCH	OG-06	10/09/86	OG-06G	MICB			2	
EVCH	OG-06	10/09/86	OG-06G	OYST			2	
EVCH	OG-07	10/09/86	OG-07G	MICB			1	
EVCH	OG-07	10/09/86	OG-07G	OYST			1	
EVCH	SD-02	10/07/86	SD-02G	MICB	SD02	BENA	1	BENA
EVCH	SD-02	10/07/86	SD-02G	OYST	SD02	BENA	1	BENA
EVCH	SD-03	10/02/86	SD-03G	MICB			4	
EVCH	SD-03	10/02/86	SD-03G	OYST			4	
EVCH	SR-04	10/06/86	SR-04G	MICB			2	AMPT
EVCH	SR-04	10/06/86	SR-04G	OYST			2	AMPT
EVCH	SR-05	10/06/86	SR-05G	MICB			2	
EVCH	SR-05	10/06/86	SR-05G	OYST			2	
EVCH	SR-07	10/03/86	SR-07G	MICB	SR07	BENA*	1	BENA*
EVCH	SR-07	10/03/86	SR-07G	OYST	SR07	BENA*	1	BENA*
EVCH	SR-08	10/03/86	SR-08G	MICB	SR08	BENA*	1	BENA*
EVCH	SR-08	10/03/86	SR-08G	OYST	SR08	BENA*	1	BENA*
EVCH	SS-01	10/06/86	SS-01G	MICB			1	AMPT
EVCH	SS-03	10/06/86	SS-03G	MICB			1	AMPT
EVCH	SS-03	10/06/86	SS-03G	OYST			1	
EVCH	SS-05	10/06/86	SS-05G	MICB			1	
EVCH	SS-05	10/06/86	SS-05G	OYST			1	
EVERETT	EV-20	01/01/85	EV-20	MICB			1	AMPT
EVERETT	EV-20	01/01/85	EV-20	OYST			1	AMPT
TPPS3AB	EB-30	03/15/82	1824	MICB			3	
TPPS3AB	EB-30	07/15/82	2081	MICB			2	
TPPS3AB	EB-31	03/15/82	1818	MICB			5	
TPPS3AB	EB-31	03/15/82	1818	OYST			3	
TPPS3AB	EB-31	07/15/82	2078	MICB			1	

TPPS3AB	EB-32	03/15/82	1825	MICB	1	
TPPS3AB	EB-32	07/15/82	2077	MICB	1	
TPPS3AB	EB-33	03/15/82	1779	MICB	9	BENA*
TPPS3AB	EB-33	03/15/82	1779	OYST	7	BENA*
TPPS3AB	EB-33	07/15/82	2080	MICB	2	BENA*
TPPS3AB	EB-33	07/15/82	2080	OYST	2	BENA*
TPPS3AB	EB-34	03/15/82	1780	MICB	5	
TPPS3AB	EB-34	03/15/82	1780	OYST	4	
TPPS3AB	EB-34	03/15/82	1780	MICB	2	
TPPS3AB	EB-34	07/15/82	2071	OYST	1	
TPPS3AB	EB-34	07/15/82	2071	MICB	13	BENA*
TPPS3AB	EB-35	03/15/82	1775	OYST	13	BENA*
TPPS3AB	EB-35	07/15/82	2079	MICB	17	BENA*
TPPS3AB	EB-35	07/15/82	2079	OYST	15	BENA*
TPPS3AB	EB-36	03/15/82	1776	MICB	4	BENA*
TPPS3AB	EB-36	03/15/82	1776	OYST	2	BENA*
TPPS3AB	EB-36	07/15/82	2072	MICB	3	BENA*
TPPS3AB	EB-36	07/15/82	2072	OYST	1	BENA*
TPPS3AB	EB-37	03/15/82	1777	MICB	7	
TPPS3AB	EB-37	03/15/82	1777	OYST	5	
TS3AB	EB-37	07/15/82	2073	MICB	14	
TPPS3AB	EB-37	07/15/82	2073	OYST	12	BENA*
TPPS3AB	EB-38	03/15/82	1778	MICB	6	BENA*
TPPS3AB	EB-38	03/15/82	1778	OYST	3	BENA*
TPPS3AB	EB-38	07/15/82	2074	MICB	5	BENA*
TPPS3AB	EB-38	07/15/82	2074	OYST	2	BENA*
TPPS3AB	EB-39	03/15/82	1814	MICB	10	
TPPS3AB	EB-39	03/15/82	1814	OYST	7	
TPPS3AB	EB-39	07/15/82	2075	MICB	6	
TPPS3AB	EB-39	07/15/82	2075	OYST	3	
TPPS3AB	WP-02	03/15/82	1807	MICB	2	
TPPS3AB	WP-02	07/15/82	2089	MICB	10	BENA
TPPS3AB	WP-02	07/15/82	2089	OYST	8	BENA
TPPS3AB	WP-05	03/15/82	1810	MICB	1	
TPPS3AB	WP-05	03/15/82	1810	OYST	1	
TPPS3AB	WP-07	03/15/82	1812	MICB	6	
TPPS3AB	WP-07	03/15/82	1812	OYST	3	
TPPS3AB	WP-07	07/15/82	2093	MICB	8	BENA
TPPS3AB	WP-07	07/15/82	2093	OYST	4	BENA
TPPS3AB	WP-08	03/15/82	1813	MICB	1	
TPPS3AB	WP-08	03/15/82	1813	OYST	1	

TPPS3AB	WP-08	07/15/82	2083	MICB	3	BENA*
TPPS3AB	WP-08	07/15/82	2083	OYST	1	BENA*
TPPS3AB	WP-09	03/15/82	1815	MICB	1	
TPPS3AB	WP-10	03/15/82	1787	MICB	1	
TPPS3AB	WP-10	03/15/82	1787	OYST	1	
TPPS3AB	WP-10	07/15/82	2076	MICB	1	BENA
TPPS3AB	WP-10	07/15/82	2076	OYST	1	BENA
TPPS3AB	WP-11	03/15/82	1789	MICB	16	
TPPS3AB	WP-11	03/15/82	1789	OYST	15	
TPPS3AB	WP-11	07/15/82	2087	MICB	14	
TPPS3AB	WP-11	07/15/82	2087	OYST	14	
TPPS3AB	WP-12	03/15/82	1786	MICB	2	BENA
TPPS3AB	WP-12	03/15/82	1786	OYST	1	BENA
TPPS3AB	WP-12	07/15/82	2069	MICB	1	BENA
TPPS3AB	WP-13	03/15/82	1784	MICB	1	BENA
TPPS3AB	WP-13	07/15/82	2070	MICB	1	BENA
TPPS3AB	WP-13	07/15/82	2070	OYST	1	BENA
TPPS3AB	WP-14	07/15/82	2085	MICB	5	
TPPS3AB	WP-14	07/15/82	2085	OYST	1	
TPPS3AB	WP-15	03/15/82	1817	MICB	7	BENA
TPPS3AB	WP-15	03/15/82	1817	OYST	4	BENA
TPPS3AB	WP-15	07/15/82	2094	MICB	2	BENA
TPPS3AB	WP-16	03/15/82	1816	MICB	1	BENA*

TABLE E-8. SUMMARY OF COMPARISONS TO OYSTER LARVAE AND MICROTOX
BIOASSAY AET FOR 11 PUGET SOUND SURVEYS

Data columns in the output identify, in order from left to right:

Chemical name
Concentration
Measurement units
Qualifier code of the chemical measurement
Measurement basis
Factor by which the concentration exceeds the AET

If an asterisk appears, the AET value was qualified with a "G."

Survey: ALK1 Station: AP-04

=====

Date: 05/25/84 Sample ID: AP-04

Oyster larvae toxicity AET.

P,P'-DDE 1.6 PPB DRY 1.90 *

Survey: CBBLAIR Station: B02

=====

Date: 06/01/84 Sample ID: B02

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE 73 PPB DRY 1.16

Survey: CBBLAIR Station: B03

=====

Date: 06/01/84 Sample ID: B03

Microtox bioassay AET.

1,2-DICHLOROBENZENE 50 PPB DRY 1.43
DIETHYL PHTHALATE 73 PPB Z DRY 1.52 *
OIL AND GREASE 1900 PPM DRY 1.73

Survey: CBBLAIR Station: B04

=====

Date: 06/01/84 Sample ID: B04

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	130	PPB Z	DRY	2.06
FLUORANTHENE	2100	PPB	DRY	1.24
OIL AND GREASE	1800	PPM	DRY	1.64
MERCURY	0.52	PPM	DRY	1.27

Oyster larvae toxicity AET.

1-METHYL NAPHTHALENE	100	PPB E	DRY	1.02 *
----------------------	-----	-------	-----	--------

Survey: CBBLAIR Station: B07

Date: 06/01/84 Sample ID: B07

Microtox bioassay AET.

OIL AND GREASE	1700	PPM	DRY	1.55
----------------	------	-----	-----	------

Survey: CBBLAIR Station: B09

Date: 06/01/84 Sample ID: B09

Microtox bioassay AET.

DIMETHYL PHTHALATE	160	PPB Z	DRY	2.25
--------------------	-----	-------	-----	------

Survey: CBBLAIR Station: B11

Date: 06/01/84 Sample ID: B11

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	160	PPB Z	DRY	2.54
------------------------	-----	-------	-----	------

Survey: CBBLAIR Station: B12

Date: 06/01/84 Sample ID: B12

Microtox bioassay AET.

OIL AND GREASE	1300	PPM	DRY	1.18
----------------	------	-----	-----	------

Survey: CBBLAIR Station: B14

=====

Date: 06/01/84 Sample ID: B14

Microtox bioassay AET.

OIL AND GREASE 1800 PPM DRY 1.64

Oyster larvae toxicity AET.

2,3,5 TRIMETHYL NAPHTHALENE 66 PPB E DRY 1.18 *

Survey: CBBLAIR Station: B15

=====

Date: 06/01/84 Sample ID: B15

Microtox bioassay AET.

OIL AND GREASE 4300 PPM DRY 3.91

Survey: CBBLAIR Station: B18

=====

Date: 06/01/84 Sample ID: B18

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE 80 PPB Z DRY 1.27

Oyster larvae toxicity AET.

P,P'-DDT 15 PPB DRY 2.59 *

Survey: CBMSQS Station: BL-12

=====

Date: 01/01/84 Sample ID: BL-12

Microtox bioassay AET.

1,2-DIPHENYLHYDRAZINE 1200 PPB DRY 35.29 *

BUTYL BENZYL PHTHALATE 93 PPB DRY 1.48

Oyster larvae toxicity AET.

1,2-DIPHENYLHYDRAZINE 1200 PPB DRY 35.29 *

Survey: CBMSQS Station: BL-13

=====

Date: 01/01/84 Sample ID: BL-13

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	83	PPB	DRY	1.32
ISOPIMARADIENE	1500	PPB E	DRY	1.07

Survey: CBMSQS Station: BL-14

=====

Date: 01/01/84 Sample ID: BL-14

Microtox bioassay AET.

BENZO(A)ANTHRACENE	2200	PPB	DRY	1.69
BUTYL BENZYL PHTHALATE	64	PPB	DRY	1.02
CHRYSENE	2700	PPB	DRY	1.93
DIETHYL PHTHALATE	53	PPB	DRY	1.10 *
FLUORANTHENE	3600	PPB	DRY	2.12
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	14000	PPB	DRY	1.17
PYRENE	2900	PPB	DRY	1.12

Oyster larvae toxicity AET.

BENZO(A)ANTHRACENE	2200	PPB	DRY	1.38
FLUORANTHENE	3600	PPB	DRY	1.44

Survey: CBMSQS Station: BL-16

=====

Date: 01/01/84 Sample ID: BL-16

Microtox bioassay AET.

BENZOIC ACID	8000	PPB	DRY	12.31
N-NITROSO DIPHENYLAMINE	59	PPB	DRY	1.47

Oyster larvae toxicity AET.

BENZOIC ACID	8000	PPB	DRY	12.31
--------------	------	-----	-----	-------

Survey: CBMSQS Station: BL-18

=====

Date: 01/01/84 Sample ID: BL-18

Microtox bioassay AET.

PENTACHLOROPHENOL	780	PPB	DRY	5.57 *
-------------------	-----	-----	-----	--------

Oyster larvae toxicity AET.

PENTACHLOROPHENOL	780	PPB	DRY	5.57 *
-------------------	-----	-----	-----	--------

Survey: CBMSQS Station: BL-19
=====Date: 01/01/84 Sample ID: BL-19
-----Microtox bioassay AET.

1,3-DICHLOROBENZENE	210	PPB	DRY	1.24 *
---------------------	-----	-----	-----	--------

Oyster larvae toxicity AET.

1,3-DICHLOROBENZENE	210	PPB	DRY	1.24 *
---------------------	-----	-----	-----	--------

Survey: CBMSQS Station: BL-20
=====Date: 01/01/84 Sample ID: BL-20
-----Microtox bioassay AET.

1,2-DICHLOROBENZENE	36	PPB	DRY	1.03
1,3-DICHLOROBENZENE	200	PPB	DRY	1.18 *

Oyster larvae toxicity AET.

1,3-DICHLOROBENZENE	200	PPB	DRY	1.18 *
---------------------	-----	-----	-----	--------

Survey: CBMSQS Station: BL-23
=====Date: 01/01/84 Sample ID: BL-23
-----Microtox bioassay AET.

DI-N-BUTYL PHTHALATE	1600	PPB Z	DRY	1.14
----------------------	------	-------	-----	------

Oyster larvae toxicity AET.

DI-N-BUTYL PHTHALATE	1600	PPB Z	DRY	1.14
PHENOL	550	PPB	DRY	1.31

Survey: CBMSQS Station: BL-26

=====

Date: 01/01/84 Sample ID: BL-26

Microtox bioassay AET.

1,2-DICHLOROBENZENE	46	PPB	DRY	1.31
1,2-DIPHENYLHYDRAZINE	280	PPB	DRY	8.24 *
BENZOIC ACID	1500	PPB	DRY	2.31
N-NITROSO DIPHENYLAMINE	90	PPB	DRY	2.25

Oyster larvae toxicity AET.

1,2-DIPHENYLHYDRAZINE	280	PPB	DRY	8.24 *
BENZOIC ACID	1500	PPB	DRY	2.31

Survey: CBMSQS Station: BL-29

=====

Date: 01/01/84 Sample ID: BL-29

Microtox bioassay AET.

DIMETHYL PHTHALATE	97	PPB	DRY	1.37
FLUORANTHENE	1800	PPB	DRY	1.06
POLYCHLORINATED BIPHENYLS	140	PPB	DRY	1.08

Survey: CBMSQS Station: BL-30

=====

Date: 01/01/84 Sample ID: BL-30

Microtox bioassay AET.

PENTACHLOROPHENOL	860	PPB	DRY	6.14 *
COPROSTANOL	220	PPB E	DRY	1.57

Oyster larvae toxicity AET.

PENTACHLOROPHENOL	860	PPB	DRY	6.14 *
-------------------	-----	-----	-----	--------

Survey: CBMSQS Station: CB-11

=====

Date: 01/01/84 Sample ID: CB-11

Microtox bioassay AET.

DI-N-BUTYL PHTHALATE	9800	PPB Z	DRY	7.00
TOTAL NITROGEN (NO3+NO3+NH4)	0.71	PCT	DRY	2.54

Oyster larvae toxicity AET.

DI-N-BUTYL PHTHALATE	9800	PPB Z	DRY	7.00
TOTAL NITROGEN (NO3+NO3+NH4)	0.71	PCT	DRY	2.54

Survey: CBMSQS Station: CB-12

Date: 01/01/84 Sample ID: CB-12

Microtox bioassay AET.

DI-N-BUTYL PHTHALATE	3700	PPB Z	DRY	2.64
----------------------	------	-------	-----	------

Oyster larvae toxicity AET.

DI-N-BUTYL PHTHALATE	3700	PPB Z	DRY	2.64
----------------------	------	-------	-----	------

Survey: CBMSQS Station: CB-13

Date: 01/01/84 Sample ID: CB-13

Microtox bioassay AET.

BENZYL ALCOHOL	61	PPB	DRY	1.07
COPROSTANOL	370	PPB E	DRY	2.64
TOTAL NITROGEN (NO3+NO3+NH4)	1.15	PCT	DRY	4.11

Oyster larvae toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4)	1.15	PCT	DRY	4.11
------------------------------	------	-----	-----	------

Survey: CBMSQS Station: CB-14

Date: 01/01/84 Sample ID: CB-14

Microtox bioassay AET.

BENZYL ALCOHOL	80	PPB	DRY	1.40
COPROSTANOL	240	PPB E	DRY	1.71

Oyster larvae toxicity AET.

BENZYL ALCOHOL 80 PPB DRY 1.10

Survey: CBMSQS Station: CI-11

Date: 01/01/84 Sample ID: CI-11

Microtox bioassay AET.

1,2-DICHLOROBENZENE	37	PPB	DRY	1.06
1,4-DICHLOROBENZENE	290	PPB	DRY	2.64
BENZYL ALCOHOL	140	PPB	DRY	2.46
BENZO(G,H,I)PERYLENE	780	PPB	DRY	1.16
CHRYSENE	1600	PPB	DRY	1.14
FLUORANTHENE	2400	PPB	DRY	1.41
INDENO(1,2,3-CD)PYRENE	630	PPB	DRY	1.05
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
OIL AND GREASE	5700	PPM	DRY	5.18
PHENANTHRENE	1800	PPB	DRY	1.20
SULFIDES	200	PPM E	DRY	4.44
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	13000	PPB	DRY	1.08
LEAD	730	PPM	DRY	1.38
MERCURY	0.53	PPM	DRY	1.29

Oyster larvae toxicity AET.

1,4-DICHLOROBENZENE	290	PPB	DRY	2.42
BENZYL ALCOHOL	140	PPB	DRY	1.92
BENZO(G,H,I)PERYLENE	780	PPB	DRY	1.08
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
OIL AND GREASE	5700	PPM	DRY	1.33
PHENANTHRENE	1800	PPB	DRY	1.20
PHENOL	1100	PPB Z	DRY	2.62
SULFIDES	200	PPM E	DRY	4.44
LEAD	730	PPM	DRY	1.11

Survey: CBMSQS Station: CI-12

Date: 01/01/84 Sample ID: CI-12

Microtox bioassay AET.

HEXADECENOIC ACID METHYL ESTER	4300	PPB E	DRY	1.54 *
1-METHYL PHENANTHRENE	500	PPB E	DRY	1.35
2-METHYLNAPHTHALENE	740	PPB	DRY	1.10
2-METHYLPHENOL	74	PPB	DRY	1.03 *
DIBENZO(A,H)ANTHRACENE	260	PPB	DRY	1.13
BIS(2-ETHYLHEXYL)PHTHALATE	6600	PPB	DRY	3.47
BENZOIC ACID	790	PPB	DRY	1.22
BENZYL ALCOHOL	110	PPB	DRY	1.93
BENZO(G,H,I)PERYLENE	740	PPB	DRY	1.10

BUTYL BENZYL PHTHALATE	660	PPB	DRY	10.48
CHRYSENE	1500	PPB	DRY	1.07
COPROSTANOL	550	PPB E	DRY	3.93
DIMETHYL PHTHALATE	84	PPB	DRY	1.18
FLUORANTHENE	2400	PPB	DRY	1.41
INDENO(1,2,3-CD)PYRENE	680	PPB	DRY	1.13
NAPHTHALENE	5500	PPB	DRY	2.62
TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.21
OIL AND GREASE	5000	PPM	DRY	4.55
PHENANTHRENE	1900	PPB	DRY	1.27
SULFIDES	88	PPM E	DRY	1.96
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	14000	PPB	DRY	1.17
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8800	PPB	DRY	1.69
PYRENE	3700	PPB	DRY	1.42
LEAD	600	PPM	DRY	1.13
MERCURY	0.45	PPM	DRY	1.10

Oyster larvae toxicity AET.

HEXADECENOIC ACID METHYL ESTER	4300	PPB E	DRY	1.54 *
1-METHYL PHENANTHRENE	500	PPB E	DRY	1.35
2-METHYLNAPHTHALENE	740	PPB	DRY	1.10
2-METHYLPHENOL	74	PPB	DRY	1.17
DIBENZO(A,H)ANTHRACENE	260	PPB	DRY	1.13
BIS(2-ETHYLHEXYL)PHTHALATE	6600	PPB	DRY	3.47
BENZOIC ACID	790	PPB	DRY	1.22
BENZYL ALCOHOL	110	PPB	DRY	1.51
BENZO(G,H,I)PERYLENE	740	PPB	DRY	1.03
BUTYL BENZYL PHTHALATE	660	PPB	DRY	1.40 *
NAPHTHALENE	5500	PPB	DRY	2.62
TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.21
OIL AND GREASE	5000	PPM	DRY	1.16
PHENANTHRENE	1900	PPB	DRY	1.27
PYRENE	3700	PPB	DRY	1.12
SULFIDES	88	PPM E	DRY	1.96
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8800	PPB	DRY	1.69

Survey: CBMSQS Station: CI-13

=====

Date: 01/01/84 Sample ID: CI-13

Microtox bioassay AET.

BIS(2-ETHYLHEXYL)PHTHALATE	3100	PPB	DRY	1.63
BENZOIC ACID	690	PPB	DRY	1.06
BUTYL BENZYL PHTHALATE	210	PPB	DRY	3.33
TOTAL NITROGEN (NO3+NO3+NH4)	0.29	PCT	DRY	1.04
OIL AND GREASE	3400	PPM	DRY	3.09
POLYCHLORINATED BIPHENYLS	140	PPB	DRY	1.08
SULFIDES	120	PPM E	DRY	2.67
MERCURY	1.1	PPM	DRY	2.68

Oyster larvae toxicity AET.

BIS(2-ETHYLHEXYL)PHTHALATE	3100	PPB	DRY	1.63
BENZOIC ACID	690	PPB	DRY	1.06
TOTAL NITROGEN (NO3+NO3+NH4)	0.29	PCT	DRY	1.04
SULFIDES	120	PPM E	DRY	2.67
MERCURY	1.1	PPM	DRY	1.86

Survey: CBMSQS Station: CI-14

=====

Date: 01/01/84 Sample ID: CI-14

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	130	PPB	DRY	2.06
TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.21
OIL AND GREASE	3000	PPM	DRY	2.73
SULFIDES	130	PPM E	DRY	2.89

Oyster larvae toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.21
SULFIDES	130	PPM E	DRY	2.89

Survey: CBMSQS Station: CI-15

=====

Date: 01/01/84 Sample ID: CI-15

Microtox bioassay AET.

1,4-DICHLOROBENZENE	190	PPB	DRY	1.73
2-METHYLNAPHTHALENE	700	PPB	DRY	1.04
2,4-DIMETHYL PHENOL	77	PPB	DRY	2.66
4-METHYL PHENOL	940	PPB	DRY	1.40
BUTYL BENZYL PHTHALATE	150	PPB	DRY	2.38
FLUORANTHENE	2800	PPB	DRY	1.65
OIL AND GREASE	3200	PPM	DRY	2.91
PHENANTHRENE	2500	PPB	DRY	1.67
SULFIDES	120	PPM E	DRY	2.67
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	13000	PPB	DRY	1.08
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6500	PPB	DRY	1.25
PYRENE	3600	PPB	DRY	1.38

Oyster larvae toxicity AET.

1,4-DICHLOROBENZENE	190	PPB	DRY	1.58
2-METHYLNAPHTHALENE	700	PPB	DRY	1.04
2-METHYLPHENOL	67	PPB	DRY	1.06
2,4-DIMETHYL PHENOL	77	PPB	DRY	2.66
4-METHYL PHENOL	940	PPB	DRY	1.40
FLUORANTHENE	2800	PPB	DRY	1.12

PHENANTHRENE	2500	PPB	DRY	1.67
PYRENE	3600	PPB	DRY	1.09
SULFIDES	120	PPM E	DRY	2.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6500	PPB	DRY	1.25

Survey: CBMSQS Station: CI-16

Date: 01/01/84 Sample ID: CI-16

Microtox bioassay AET.

1,2-DICHLOROBENZENE	350	PPB	DRY	10.00
1,4-DICHLOROBENZENE	260	PPB	DRY	2.36
2,4-DIMETHYL PHENOL	50	PPB	DRY	1.72
4-METHYL PHENOL	1200	PPB	DRY	1.79
DI-N-BUTYL PHTHALATE	1600	PPB Z	DRY	1.14
TOTAL NITROGEN (NO3+NO3+NH4)	0.49	PCT	DRY	1.75
N-NITROSO DIPHENYLAMINE	220	PPB	DRY	5.50
OIL AND GREASE	3300	PPM	DRY	3.00
SULFIDES	240	PPM E	DRY	5.33

Oyster larvae toxicity AET.

1,2-DICHLOROBENZENE	350	PPB	DRY	7.00
1,4-DICHLOROBENZENE	260	PPB	DRY	2.17
2,4-DIMETHYL PHENOL	50	PPB	DRY	1.72
4-METHYL PHENOL	1200	PPB	DRY	1.79
DI-N-BUTYL PHTHALATE	1600	PPB Z	DRY	1.14
TOTAL NITROGEN (NO3+NO3+NH4)	0.49	PCT	DRY	1.75
N-NITROSO DIPHENYLAMINE	220	PPB	DRY	1.69
SULFIDES	240	PPM E	DRY	5.33

Survey: CBMSQS Station: CI-17

Date: 01/01/84 Sample ID: CI-17

Microtox bioassay AET.

1,4-DICHLOROBENZENE	120	PPB	DRY	1.09
FLUORANTHENE	1900	PPB	DRY	1.12
OIL AND GREASE	2200	PPM	DRY	2.00

Survey: CBMSQS Station: CI-18

Date: 01/01/84 Sample ID: CI-18

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	38	PPB	DRY	1.31
N-NITROSO DIPHENYLAMINE	120	PPB	DRY	3.00
OIL AND GREASE	1600	PPM	DRY	1.45
MERCURY	0.96	PPM	DRY	2.34

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	38	PPB	DRY	1.31
MERCURY	0.96	PPM	DRY	1.63

Survey: CBMSQS Station: CI-19

Date: 01/01/84 Sample ID: CI-19

Microtox bioassay AET.

COPROSTANOL	190	PPB E	DRY	1.36
OIL AND GREASE	1600	PPM	DRY	1.45

Survey: CBMSQS Station: CI-20

Date: 01/01/84 Sample ID: CI-20

Oyster larvae toxicity AET.

2-METHYLPYRENE	510	PPB E	DRY	1.24
2-METHYL PHENANTHRENE	490	PPB E	DRY	1.04
BIPHENYL	270	PPB E	DRY	1.04
DIBENZOTHIOPHENE	250	PPB E	DRY	1.04
PHENOL	1200	PPB Z	DRY	2.86

Survey: CBMSQS Station: CI-21

Date: 01/01/84 Sample ID: CI-21

Microtox bioassay AET.

1-METHYL PHENANTHRENE	380	PPB E	DRY	1.03
2-METHYLNAPHTHALENE	890	PPB	DRY	1.33
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
ACENAPHTHYLENE	650	PPB	DRY	1.16 *
ANTHRACENE	1600	PPB	DRY	1.67
BENZO(A)ANTHRACENE	1900	PPB	DRY	1.46
BENZO(A)PYRENE	2400	PPB	DRY	1.50
CHRYSENE	1500	PPB	DRY	1.07
DIMETHYL PHTHALATE	100	PPB L	DRY	1.41

FLUORANTHENE	2700	PPB	DRY	1.59
FLUORENE	600	PPB	DRY	1.11
INDENO(1,2,3-CD)PYRENE	670	PPB	DRY	1.12
NAPHTHALENE	2400	PPB	DRY	1.14
PHENANTHRENE	2700	PPB	DRY	1.80
TOTAL BENZOFLUORANTHENES (B + K)	4400	PPB	DRY	1.38
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	19000	PPB	DRY	1.58
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8300	PPB	DRY	1.60
PYRENE	4700	PPB	DRY	1.81

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	380	PPB E	DRY	1.03
2-METHYLNAPHTHALENE	890	PPB	DRY	1.33
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
ACENAPHTHYLENE	650	PPB	DRY	1.16 *
ANTHRACENE	1600	PPB	DRY	1.67
BENZO(A)ANTHRACENE	1900	PPB	DRY	1.19
BENZO(A)PYRENE	2400	PPB	DRY	1.50
FLUORANTHENE	2700	PPB	DRY	1.08
FLUORENE	600	PPB	DRY	1.11
NAPHTHALENE	2400	PPB	DRY	1.14
PHENANTHRENE	2700	PPB	DRY	1.80
PYRENE	4700	PPB	DRY	1.42
TOTAL BENZOFLUORANTHENES (B + K)	4400	PPB	DRY	1.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	19000	PPB	DRY	1.12
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8300	PPB	DRY	1.60

Survey: CBMSQS Station: HY-12

Date: 01/01/84 Sample ID: HY-12

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	260	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	740	PPB	DRY	1.10
CHRYSENE	1800	PPB	DRY	1.29
DI-N-BUTYL PHTHALATE	5100	PPB Z	DRY	3.64
MERCURY	0.46	PPM	DRY	1.12

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	260	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	740	PPB	DRY	1.03
DI-N-BUTYL PHTHALATE	5100	PPB Z	DRY	3.64
PHENOL	500	PPB	DRY	1.19

Survey: CBMSQS Station: HY-13

Date: 01/01/84 Sample ID: HY-13

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	280	PPB	DRY	1.22
BENZO(A)PYRENE	1700	PPB	DRY	1.06
BUTYL BENZYL PHTHALATE	67	PPB	DRY	1.06
CHRYSENE	3300	PPB	DRY	2.36
DIMETHYL PHTHALATE	220	PPB	DRY	3.10
FLUORANTHENE	1900	PPB	DRY	1.12
INDENO(1,2,3-CD)PYRENE	740	PPB	DRY	1.23
TOTAL BENZOFLUORANTHENES (B + K)	3800	PPB	DRY	1.19
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	16000	PPB	DRY	1.33

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	280	PPB	DRY	1.22
BENZO(A)PYRENE	1700	PPB	DRY	1.06
CHRYSENE	3300	PPB	DRY	1.18
DIMETHYL PHTHALATE	220	PPB	DRY	1.38
INDENO(1,2,3-CD)PYRENE	740	PPB	DRY	1.07
TOTAL BENZOFLUORANTHENES (B + K)	3800	PPB	DRY	1.06

Survey: CBMSQS Station: HY-14

Date: 01/01/84 Sample ID: HY-14

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1600	PPB	DRY	1.23
BENZO(G,H,I)PERYLENE	720	PPB	DRY	1.07
CHRYSENE	2800	PPB	DRY	2.00
FLUORANTHENE	2500	PPB	DRY	1.47
TOTAL BENZOFLUORANTHENES (B + K)	3600	PPB	DRY	1.13
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	17000	PPB	DRY	1.42
PYRENE	3300	PPB	DRY	1.27

Survey: CBMSQS Station: HY-15

Date: 01/01/84 Sample ID: HY-15

Microtox bioassay AET.

1-METHYLPYRENE	370	PPB E	DRY	1.32
1-METHYL PHENANTHRENE	390	PPB E	DRY	1.05
2-METHYLPYRENE	2000	PPB E	DRY	3.92
DIBENZO(A,H)ANTHRACENE	470	PPB	DRY	2.04
BENZO(A)PYRENE	5300	PPB	DRY	3.31
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.64
CHRYSENE	2600	PPB	DRY	1.86
COPROSTANOL	490	PPB E	DRY	3.50

DIMETHYL PHTHALATE	74	PPB	DRY	1.04
INDENO(1,2,3-CD)PYRENE	1200	PPB	DRY	2.00
TOTAL BENZOFLUORANTHENES (B + K)	5500	PPB	DRY	1.72
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	22000	PPB	DRY	1.83
PYRENE	3400	PPB	DRY	1.31

Oyster larvae toxicity AET.

1-METHYLPYRENE	370	PPB E	DRY	1.32
1-METHYL PHENANTHRENE	390	PPB E	DRY	1.05
2-METHYLPYRENE	2000	PPB E	DRY	4.88
DIBENZO(A,H)ANTHRACENE	470	PPB	DRY	2.04
BENZO(A)PYRENE	5300	PPB	DRY	3.31
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.53
INDENO(1,2,3-CD)PYRENE	1200	PPB	DRY	1.74
PYRENE	3400	PPB	DRY	1.03
TOTAL BENZOFLUORANTHENES (B + K)	5500	PPB	DRY	1.53
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	22000	PPB	DRY	1.29

Survey: CBMSQS Station: HY-16

=====

Date: 01/01/84 Sample ID: HY-16

Microtox bioassay AET.

1-METHYLPYRENE	1300	PPB E	DRY	4.64
HEXADECENOIC ACID METHYL ESTER	5700	PPB E	DRY	2.04 *
2-METHYLPYRENE	3400	PPB E	DRY	6.67
DIBENZO(A,H)ANTHRACENE	580	PPB	DRY	2.52
ANTHRACENE	1300	PPB	DRY	1.35
BENZO(A)ANTHRACENE	2200	PPB	DRY	1.69
BENZO(A)PYRENE	1800	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	1900	PPB	DRY	2.84
CHRYSENE	6100	PPB	DRY	4.36
COPROSTANOL	310	PPB E	DRY	2.21
CYMENE (UNSPECIFIED ISOMER)	2000	PPB E	DRY	1.82
DIMETHYL PHTHALATE	180	PPB	DRY	2.54
FLUORANTHENE	6400	PPB	DRY	3.76
INDENO(1,2,3-CD)PYRENE	1700	PPB	DRY	2.83
ISOPIMARADIENE	4700	PPB E	DRY	3.36
POLYCHLORINATED BIPHENYLS	330	PPB	DRY	2.54
PHENANTHRENE	1600	PPB	DRY	1.07
PHENOL	2100	PPB	DRY	1.75
SULFIDES	110	PPM E	DRY	2.44
TOTAL BENZOFLUORANTHENES (B + K)	8800	PPB	DRY	2.75
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	34000	PPB	DRY	2.83
PYRENE	4800	PPB	DRY	1.85
TOTAL VOLATILE SOLIDS	25.9	PCT	DRY	1.17

Oyster larvae toxicity AET.

1-METHYLPYRENE	1300	PPB E	DRY	4.64
HEXADECENOIC ACID METHYL ESTER	5700	PPB E	DRY	2.04 *

2-METHYLPYRENE	3400	PPB E	DRY	8.29
DIBENZO(A,H)ANTHRACENE	580	PPB	DRY	2.52
ANTHRACENE	1300	PPB	DRY	1.35
BENZO(A)ANTHRACENE	2200	PPB	DRY	1.38
BENZO(A)PYRENE	1800	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	1900	PPB	DRY	2.64
CHRYSENE	6100	PPB	DRY	2.18
DIMETHYL PHTHALATE	180	PPB	DRY	1.13
FLUORANTHENE	6400	PPB	DRY	2.56
INDENO(1,2,3-CD)PYRENE	1700	PPB	DRY	2.46
ISOPIMARADIENE	4700	PPB E	DRY	3.13
PHENANTHRENE	1600	PPB	DRY	1.07
PHENOL	2100	PPB	DRY	5.00
PYRENE	4800	PPB	DRY	1.45
SULFIDES	110	PPM E	DRY	2.44
TOTAL BENZOFLUORANTHENES (B + K)	8800	PPB	DRY	2.44
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	34000	PPB	DRY	2.00
TOTAL VOLATILE SOLIDS	25.9	PCT	DRY	1.17

Survey: CBMSQS Station: HY-17

=====

Date: 01/01/84 Sample ID: HY-17

Microtox bioassay AET.

1-METHYLPYRENE	1500	PPB E	DRY	5.36
TETRACHLOROETHYLENE	210	PPB	DRY	1.50
BENZO(A)PYRENE	2400	PPB	DRY	1.50
CHRYSENE	2700	PPB	DRY	1.93
CYMENE (UNSPECIFIED ISOMER)	1800	PPB E	DRY	2.55
ETHYLBENZENE	50	PPB	DRY	1.52
FLUORANTHENE	3900	PPB	DRY	2.29
POLYCHLORINATED BIPHENYLS	170	PPB	DRY	1.31
TOTAL BENZOFLUORANTHENES (B + K)	3700	PPB	DRY	1.16
TOTAL XYLENE	160	PPB	DRY	1.60
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	18000	PPB	DRY	1.50
PYRENE	4300	PPB	DRY	1.65

Oyster larvae toxicity AET.

1-METHYLPYRENE	1500	PPB E	DRY	5.36
TETRACHLOROETHYLENE	210	PPB	DRY	1.50
BENZO(A)PYRENE	2400	PPB	DRY	1.50
CYMENE (UNSPECIFIED ISOMER)	1800	PPB E	DRY	1.22
ETHYLBENZENE	50	PPB	DRY	1.35
FLUORANTHENE	3900	PPB	DRY	1.56
PYRENE	4300	PPB	DRY	1.30
TOTAL BENZOFLUORANTHENES (B + K)	3700	PPB	DRY	1.03
TOTAL XYLENE	160	PPB	DRY	1.33
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	18000	PPB	DRY	1.06

Survey: CBMSQS Station: HY-18

=====

Date: 01/01/84 Sample ID: HY-18

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	280	PPB	DRY	1.22
BENZO(A)ANTHRACENE	2300	PPB	DRY	1.77
BENZO(A)PYRENE	4200	PPB	DRY	2.63
BENZO(G,H,I)PERYLENE	1000	PPB	DRY	1.49
CHRYSENE	3900	PPB	DRY	2.79
DIMETHYL PHTHALATE	550	PPB	DRY	7.75
FLUORANTHENE	3300	PPB	DRY	1.94
INDENO(1,2,3-CD)PYRENE	940	PPB	DRY	1.57
POLYCHLORINATED BIPHENYLS	150	PPB	DRY	1.15
TOTAL BENZOFLUORANTHENES (B + K)	4800	PPB	DRY	1.50
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	24000	PPB	DRY	2.00
PYRENE	3300	PPB	DRY	1.27

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	280	PPB	DRY	1.22
BENZO(A)ANTHRACENE	2300	PPB	DRY	1.44
BENZO(A)PYRENE	4200	PPB	DRY	2.63
BENZO(G,H,I)PERYLENE	1000	PPB	DRY	1.39
CHRYSENE	3900	PPB	DRY	1.39
DIMETHYL PHTHALATE	550	PPB	DRY	3.44
FLUORANTHENE	3300	PPB	DRY	1.32
INDENO(1,2,3-CD)PYRENE	940	PPB	DRY	1.36
TOTAL BENZOFLUORANTHENES (B + K)	4800	PPB	DRY	1.33
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	24000	PPB	DRY	1.41

Survey: CBMSQS Station: HY-19

=====

Date: 01/01/84 Sample ID: HY-19

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	480	PPB	DRY	2.09
BENZO(A)ANTHRACENE	3500	PPB	DRY	2.69
BENZO(A)PYRENE	2100	PPB	DRY	1.31
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.64
BUTYL BENZYL PHTHALATE	100	PPB	DRY	1.59
CHRYSENE	5500	PPB	DRY	3.93
DIMETHYL PHTHALATE	200	PPB	DRY	2.82
FLUORANTHENE	5800	PPB	DRY	3.41
INDENO(1,2,3-CD)PYRENE	1500	PPB	DRY	2.50
OIL AND GREASE	2800	PPM	DRY	2.55
POLYCHLORINATED BIPHENYLS	210	PPB	DRY	1.62
SULFIDES	110	PPM E	DRY	2.44
TOTAL BENZOFLUORANTHENES (B + K)	5500	PPB	DRY	1.72
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	2.58

PYRENE	5800	PPB	DRY	2.23
Oyster larvae toxicity AET.				
DIBENZO(A,H)ANTHRACENE	480	PPB	DRY	2.09
BENZO(A)ANTHRACENE	3500	PPB	DRY	2.19
BENZO(A)PYRENE	2100	PPB	DRY	1.31
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.53
CHRYSENE	5500	PPB	DRY	1.96
DIMETHYL PHTHALATE	200	PPB	DRY	1.25
FLUORANTHENE	5800	PPB	DRY	2.32
INDENO(1,2,3-CD)PYRENE	1500	PPB	DRY	2.17
PYRENE	5800	PPB	DRY	1.76
SULFIDES	110	PPM E	DRY	2.44
TOTAL BENZOFLUORANTHENES (B + K)	5500	PPB	DRY	1.53
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	1.82

Survey: CBMSQS Station: HY-20

=====

Date: 01/01/84 Sample ID: HY-20

Microtox bioassay AET.

HEXADECENOIC ACID METHYL ESTER	3500	PPB E	DRY	1.25 *
DIBENZO(A,H)ANTHRACENE	290	PPB	DRY	1.26
HEXACHLOROBUTADIENE	150	PPB	DRY	1.25
BENZO(A)PYRENE	2800	PPB	DRY	1.75
BENZYL ALCOHOL	81	PPB	DRY	1.42
BENZO(G,H,I)PERYLENE	680	PPB	DRY	1.01
CHRYSENE	2200	PPB	DRY	1.57
COPROSTANOL	320	PPB E	DRY	2.29
DIETHYL PHTHALATE	56	PPB	DRY	1.17 *
DIMETHYL PHTHALATE	780	PPB	DRY	10.99
FLUORANTHENE	1900	PPB	DRY	1.12
INDENO(1,2,3-CD)PYRENE	840	PPB	DRY	1.40
POLYCHLORINATED BIPHENYLS	270	PPB	DRY	2.08
TOTAL BENZOFLUORANTHENES (B + K)	5800	PPB	DRY	1.81
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	18000	PPB	DRY	1.50

Oyster larvae toxicity AET.

HEXADECENOIC ACID METHYL ESTER	3500	PPB E	DRY	1.25 *
2-METHYLPYRENE	420	PPB E	DRY	1.02
DIBENZO(A,H)ANTHRACENE	290	PPB	DRY	1.26
BENZO(A)PYRENE	2800	PPB	DRY	1.75
BENZYL ALCOHOL	81	PPB	DRY	1.11
DIMETHYL PHTHALATE	780	PPB	DRY	4.88
INDENO(1,2,3-CD)PYRENE	840	PPB	DRY	1.22
TOTAL BENZOFLUORANTHENES (B + K)	5800	PPB	DRY	1.61
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	18000	PPB	DRY	1.06

Survey: CBMSQS Station: HY-21

=====

Date: 01/01/84 Sample ID: HY-21

Microtox bioassay AET.

HEXADECENOIC ACID METHYL ESTER	3800	PPB E	DRY	1.36 *
2-METHYLPYRENE	530	PPB E	DRY	1.04
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
TETRACHLOROETHYLENE	160	PPB	DRY	1.14
HEXACHLOROBENZENE	78	PPB	DRY	1.11
HEXACHLOROBUTADIENE	170	PPB	DRY	1.42
BENZYL ALCOHOL	500	PPB	DRY	8.77
CHRYSENE	2300	PPB	DRY	1.64
COPROSTANOL	150	PPB E	DRY	1.07
DIMETHYL PHTHALATE	1100	PPB	DRY	15.49
FLUORANTHENE	2000	PPB	DRY	1.18
INDENO(1,2,3-CD)PYRENE	720	PPB	DRY	1.20
POLYCHLORINATED BIPHENYLS	330	PPB	DRY	2.54
TOTAL BENZOFLUORANTHENES (B + K)	6100	PPB	DRY	1.91
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	17000	PPB	DRY	1.42

Oyster larvae toxicity AET.

HEXADECENOIC ACID METHYL ESTER	3800	PPB E	DRY	1.36 *
2-METHYLPYRENE	530	PPB E	DRY	1.29
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
TETRACHLOROETHYLENE	160	PPB	DRY	1.14
BENZYL ALCOHOL	500	PPB	DRY	6.85
DIMETHYL PHTHALATE	1100	PPB	DRY	6.88
INDENO(1,2,3-CD)PYRENE	720	PPB	DRY	1.04
TOTAL BENZOFLUORANTHENES (B + K)	6100	PPB	DRY	1.69

Survey: CBMSQS Station: HY-22

=====

Date: 01/01/84 Sample ID: HY-22

Microtox bioassay AET.

1-METHYLPYRENE	1200	PPB E	DRY	4.29
1,2-DICHLOROBENZENE	73	PPB	DRY	2.09
1,2,4-TRICHLOROBENZENE	260	PPB	DRY	8.39
1,4-DICHLOROBENZENE	180	PPB	DRY	1.64
1-METHYL PHENANTHRENE	530	PPB E	DRY	1.43
DIBENZO(A,H)ANTHRACENE	1500	PPB	DRY	6.52
2-METHYL PHENANTHRENE	740	PPB E	DRY	1.51
HEXACHLOROBENZENE	730	PPB	DRY	10.43
HEXACHLOROBUTADIENE	730	PPB	DRY	6.08
BIS(2-ETHYLHEXYL)PHTHALATE	3000	PPB	DRY	1.58
BENZO(A)ANTHRACENE	2300	PPB	DRY	1.77
BENZO(A)PYRENE	6100	PPB	DRY	3.81
CHRYSENE	2700	PPB	DRY	1.93

DIBENZOTHIOPHENE	320	PPB E	DRY	1.28
FLUORANTHENE	3600	PPB	DRY	2.12
INDENO(1,2,3-CD)PYRENE	2700	PPB	DRY	4.50
POLYCHLORINATED BIPHENYLS	2000	PPB	DRY	15.38
PENTACHLOROBUTADIENE	1200	PPB	DRY	1.56
TOTAL BENZOFLUORANTHENES (B + K)	8500	PPB	DRY	2.66
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	30000	PPB	DRY	2.50
MERCURY	0.5	PPM	DRY	1.22

Oyster larvae toxicity AET.

1-METHYLPYRENE	1200	PPB E	DRY	4.29
1,2-DICHLOROBENZENE	73	PPB	DRY	1.46
1,2,4-TRICHLOROBENZENE	260	PPB	DRY	4.06
1,4-DICHLOROBENZENE	180	PPB	DRY	1.50
1-METHYL PHENANTHRENE	530	PPB E	DRY	1.43
DIBENZO(A,H)ANTHRACENE	1500	PPB	DRY	6.52
2-METHYL PHENANTHRENE	740	PPB E	DRY	1.57
HEXACHLOROBENZENE	730	PPB	DRY	3.17
HEXACHLOROBUTADIENE	730	PPB	DRY	2.70
BIS(2-ETHYLHEXYL)PHTHALATE	3000	PPB	DRY	1.58
BENZO(A)ANTHRACENE	2300	PPB	DRY	1.44
BENZO(A)PYRENE	6100	PPB	DRY	3.81
DIBENZOTHIOPHENE	320	PPB E	DRY	1.33
FLUORANTHENE	3600	PPB	DRY	1.44
INDENO(1,2,3-CD)PYRENE	2700	PPB	DRY	3.91
POLYCHLORINATED BIPHENYLS	2000	PPB	DRY	1.82
PHENOL	530	PPB Z	DRY	1.26
TOTAL BENZOFLUORANTHENES (B + K)	8500	PPB	DRY	2.36
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	30000	PPB	DRY	1.76

Survey: CBMSQS Station: HY-23

Date: 01/01/84 Sample ID: HY-23

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	440	PPB	DRY	1.91
TETRACHLOROETHYLENE	170	PPB	DRY	1.21
HEXACHLOROBUTADIENE	170	PPB	DRY	1.42
BENZO(A)PYRENE	2000	PPB	DRY	1.25
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.64
BUTYL BENZYL PHTHALATE	110	PPB	DRY	1.75
CHRYSENE	2300	PPB	DRY	1.64
DIMETHYL PHTHALATE	350	PPB	DRY	4.93
FLUORANTHENE	2500	PPB	DRY	1.47
POLYCHLORINATED BIPHENYLS	1500	PPB	DRY	11.54
PHENANTHRENE	2300	PPB	DRY	1.53
TOTAL XYLENE	110	PPB	DRY	1.10
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	14000	PPB	DRY	1.17

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	440	PPB	DRY	1.91
TETRACHLOROETHYLENE	170	PPB	DRY	1.21
BENZO(A)PYRENE	2000	PPB	DRY	1.25
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.53
DIMETHYL PHTHALATE	350	PPB	DRY	2.19
POLYCHLORINATED BIPHENYLS	1500	PPB	DRY	1.36
PHENANTHRENE	2300	PPB	DRY	1.53

Survey: CBMSQS Station: HY-24

=====

Date: 01/01/84 Sample ID: HY-24

Microtox bioassay AET.

HEXACHLOROBUTADIENE	140	PPB	DRY	1.17
BUTYL BENZYL PHTHALATE	470	PPB	DRY	7.46
CHRYSENE	2300	PPB	DRY	1.64
DIMETHYL PHTHALATE	120	PPB	DRY	1.69
INDENO(1,2,3-CD)PYRENE	690	PPB	DRY	1.15
POLYCHLORINATED BIPHENYLS	250	PPB	DRY	1.92
MERCURY	0.49	PPM	DRY	1.20

Survey: CBMSQS Station: HY-25

=====

Date: 01/01/84 Sample ID: HY-25

Microtox bioassay AET.

HEXACHLOROBUTADIENE	130	PPB	DRY	1.08
CHRYSENE	1500	PPB	DRY	1.07
NAPHTHALENE	2600	PPB	DRY	1.24
POLYCHLORINATED BIPHENYLS	190	PPB	DRY	1.46
PENTACHLOROBUTADIENE	790	PPB	DRY	1.03
TETRACHLOROBUTADIENE	3200	PPB	DRY	1.03
TRICHLOROBUTADIENE	6100	PPB	DRY	1.05

Oyster larvae toxicity AET.

NAPHTHALENE	2600	PPB	DRY	1.24
-------------	------	-----	-----	------

Survey: CBMSQS Station: HY-26

=====

Date: 01/01/84 Sample ID: HY-26

Microtox bioassay AET.

BENZO(A)PYRENE	1700	PPB	DRY	1.06
----------------	------	-----	-----	------

BENZOIC ACID	670	PPB	DRY	1.03
BENZO(G,H,I)PERYLENE	690	PPB	DRY	1.03
CHRYSENE	2600	PPB	DRY	1.86
DIETHYL PHTHALATE	65	PPB	DRY	1.35 *
FLUORANTHENE	2600	PPB	DRY	1.53
INDENO(1,2,3-CD)PYRENE	630	PPB	DRY	1.05
POLYCHLORINATED BIPHENYLS	170	PPB	DRY	1.31
TOTAL BENZOFLUORANTHENES (B + K)	6300	PPB	DRY	1.97
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	20000	PPB	DRY	1.67
PYRENE	3500	PPB	DRY	1.35

Oyster larvae toxicity AET.

BENZO(A)PYRENE	1700	PPB	DRY	1.06
BENZOIC ACID	670	PPB	DRY	1.03
FLUORANTHENE	2600	PPB	DRY	1.04
PYRENE	3500	PPB	DRY	1.06
TOTAL BENZOFLUORANTHENES (B + K)	6300	PPB	DRY	1.75
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	20000	PPB	DRY	1.18

Survey: CBMSQS Station: HY-27

Date: 01/01/84 Sample ID: HY-27

Microtox bioassay AET.

BENZYL ALCOHOL	63	PPB	DRY	1.11
BUTYL BENZYL PHTHALATE	300	PPB	DRY	4.76
POLYCHLORINATED BIPHENYLS	860	PPB	DRY	6.62

Survey: CBMSQS Station: HY-29

Date: 01/01/84 Sample ID: HY-29

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	580	PPB	DRY	9.21
COPROSTANOL	160	PPB E	DRY	1.14
DIMETHYL PHTHALATE	73	PPB	DRY	1.03
POLYCHLORINATED BIPHENYLS	220	PPB	DRY	1.69

Oyster larvae toxicity AET.

BUTYL BENZYL PHTHALATE	580	PPB	DRY	1.23 *
------------------------	-----	-----	-----	--------

Survey: CBMSQS Station: HY-30

Date: 01/01/84 Sample ID: HY-30

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	240	PPB	DRY	1.85
---------------------------	-----	-----	-----	------

Survey: CBMSQS Station: HY-31
=====Date: 01/01/84 Sample ID: HY-31
-----Microtox bioassay AET.

2,4,6-TRICHLOROPHENOL	150	PPB	DRY	6.00 *
DIMETHYL PHTHALATE	75	PPB L	DRY	1.06
N-NITROSO DIPHENYLAMINE	64	PPB	DRY	1.60

Oyster larvae toxicity AET.

2,4,6-TRICHLOROPHENOL	150	PPB	DRY	6.00 *
-----------------------	-----	-----	-----	--------

Survey: CBMSQS Station: HY-33
=====Date: 01/01/84 Sample ID: HY-33
-----Microtox bioassay AET.

1-METHYLPYRENE	300	PPB E	DRY	1.07
PENTACHLOROCYCLOPENTANE	30	PPB E	DRY	1.20
HEXACHLOROBUTADIENE	130	PPB	DRY	1.08
BENZO(A)PYRENE	2800	PPB	DRY	1.75
N-NITROSO DIPHENYLAMINE	96	PPB	DRY	2.40
PENTACHLOROBUTADIENE	1400	PPB	DRY	1.82
TETRACHLOROBUTADIENE	7800	PPB	DRY	2.52
TRICHLOROBUTADIENE	6200	PPB	DRY	1.07

Oyster larvae toxicity AET.

1-METHYLPYRENE	300	PPB E	DRY	1.07
BENZO(A)PYRENE	2800	PPB	DRY	1.75

Survey: CBMSQS Station: HY-34
=====Date: 01/01/84 Sample ID: HY-34
-----Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	350	PPB	DRY	5.56
------------------------	-----	-----	-----	------

POLYCHLORINATED BIPHENYLS 200 PPB DRY 1.54

Survey: CBMSQS Station: HY-35

Date: 01/01/84 Sample ID: HY-35

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	38	PPB	DRY	1.23
PENTACHLOROCYCLOPENTANE	29	PPB E	DRY	1.16
HEXACHLOROBENZENE	84	PPB	DRY	1.20
HEXACHLOROBUTADIENE	190	PPB	DRY	1.58
BUTYL BENZYL PHTHALATE	890	PPB	DRY	14.13
COPROSTANOL	360	PPB E	DRY	2.57
POLYCHLORINATED BIPHENYLS	140	PPB	DRY	1.08

Oyster larvae toxicity AET.

BUTYL BENZYL PHTHALATE	890	PPB	DRY	1.89 *
------------------------	-----	-----	-----	--------

Survey: CBMSQS Station: HY-36

Date: 01/01/84 Sample ID: HY-36

Microtox bioassay AET.

1-METHYLPYRENE	480	PPB E	DRY	1.71
1,2,4-TRICHLOROBENZENE	54	PPB	DRY	1.74
1,4-DICHLOROBENZENE	180	PPB	DRY	1.64
HEXADECENOIC ACID METHYL ESTER	7300	PPB E	DRY	2.61 *
PENTACHLOROCYCLOPENTANE	200	PPB E	DRY	8.00
HEXACHLOROBENZENE	220	PPB	DRY	3.14
HEXACHLOROBUTADIENE	360	PPB	DRY	3.00
BIPHENYL	310	PPB E	DRY	1.15
CHRYSENE	1600	PPB	DRY	1.14
COPROSTANOL	460	PPB E	DRY	3.29
DIMETHYL PHTHALATE	1000	PPB	DRY	14.08
PENTACHLOROBUTADIENE	840	PPB	DRY	1.09

Oyster larvae toxicity AET.

1-METHYLPYRENE	480	PPB E	DRY	1.71
1,4-DICHLOROBENZENE	180	PPB	DRY	1.50
HEXADECENOIC ACID METHYL ESTER	7300	PPB E	DRY	2.61 *
2-METHYLPYRENE	500	PPB E	DRY	1.22
PENTACHLOROCYCLOPENTANE	200	PPB E	DRY	2.78 *
HEXACHLOROBUTADIENE	360	PPB	DRY	1.33
BIPHENYL	310	PPB E	DRY	1.19
DIMETHYL PHTHALATE	1000	PPB	DRY	6.25
PHENOL	490	PPB	DRY	1.17

Survey: CBMSQS Station: HY-37

=====

Date: 01/01/84 Sample ID: HY-37

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	34	PPB	DRY	1.10
PENTACHLOROCYCLOPENTANE	54	PPB E	DRY	2.16
HEXACHLOROBENZENE	96	PPB	DRY	1.37
HEXACHLOROBUTADIENE	130	PPB	DRY	1.08
POLYCHLORINATED BIPHENYLS	420	PPB	DRY	3.23
PENTACHLOROBUTADIENE	1100	PPB	DRY	1.43
TETRACHLOROBUTADIENE	4000	PPB	DRY	1.29

Survey: CBMSQS Station: HY-38

=====

Date: 01/01/84 Sample ID: HY-38

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	38	PPB	DRY	1.23
PENTACHLOROCYCLOPENTANE	34	PPB E	DRY	1.36
HEXACHLOROBENZENE	140	PPB	DRY	2.00
HEXACHLOROBUTADIENE	210	PPB	DRY	1.75
COPROSTANOL	310	PPB E	DRY	2.21
POLYCHLORINATED BIPHENYLS	210	PPB	DRY	1.62

Survey: CBMSQS Station: HY-39

=====

Date: 01/01/84 Sample ID: HY-39

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	120	PPB	DRY	3.87
1,4-DICHLOROBENZENE	150	PPB	DRY	1.36
PENTACHLOROCYCLOPENTANE	52	PPB E	DRY	2.08
HEXACHLOROBENZENE	77	PPB	DRY	1.10
HEXACHLOROBUTADIENE	300	PPB	DRY	2.50
BUTYL BENZYL PHTHALATE	130	PPB	DRY	2.06
COPROSTANOL	160	PPB E	DRY	1.14
PENTACHLOROBUTADIENE	1100	PPB	DRY	1.43
TETRACHLOROBUTADIENE	6200	PPB	DRY	2.00

Oyster larvae toxicity AET.

1,2,4-TRICHLOROBENZENE	120	PPB	DRY	1.88
------------------------	-----	-----	-----	------

1,4-DICHLOROBENZENE	150	PPB	DRY	1.25
HEXACHLOROBUTADIENE	300	PPB	DRY	1.11

Survey: CBMSQS Station: HY-40

=====

Date: 01/01/84 Sample ID: HY-40

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	90	PPB	DRY	2.90
1,4-DICHLOROBENZENE	150	PPB	DRY	1.36
PENTACHLOROCYCLOPENTANE	31	PPB E	DRY	1.24
HEXACHLOROBENZENE	130	PPB	DRY	1.86
HEXACHLOROBUTADIENE	350	PPB	DRY	2.92
BENZYL ALCOHOL	100	PPB	DRY	1.75
BUTYL BENZYL PHTHALATE	100	PPB	DRY	1.59
COPROSTANOL	430	PPB E	DRY	3.07
DIETHYL PHTHALATE	50	PPB	DRY	1.04 *
DIMETHYL PHTHALATE	270	PPB	DRY	3.80
POLYCHLORINATED BIPHENYLS	190	PPB	DRY	1.46
PENTACHLOROBUTADIENE	1200	PPB	DRY	1.56
TETRACHLOROBUTADIENE	6500	PPB	DRY	2.10
TRICHLOROBUTADIENE	11000	PPB	DRY	1.90
MERCURY	3.2	PPM	DRY	7.80

Oyster larvae toxicity AET.

1,2,4-TRICHLOROBENZENE	90	PPB	DRY	1.41
1,4-DICHLOROBENZENE	150	PPB	DRY	1.25
HEXACHLOROBUTADIENE	350	PPB	DRY	1.30
BENZYL ALCOHOL	100	PPB	DRY	1.37
DIMETHYL PHTHALATE	270	PPB	DRY	1.69
MERCURY	3.2	PPM	DRY	5.42

Survey: CBMSQS Station: HY-41

=====

Date: 01/01/84 Sample ID: HY-41

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	100	PPB	DRY	3.23
PENTACHLOROCYCLOPENTANE	47	PPB E	DRY	1.88
HEXACHLOROBENZENE	230	PPB	DRY	3.29
HEXACHLOROBUTADIENE	680	PPB	DRY	5.67
BENZYL ALCOHOL	340	PPB	DRY	5.96
BUTYL BENZYL PHTHALATE	620	PPB	DRY	9.84
COPROSTANOL	590	PPB E	DRY	4.21
DIMETHYL PHTHALATE	510	PPB	DRY	7.18
PENTACHLOROBUTADIENE	1300	PPB	DRY	1.69
TETRACHLOROBUTADIENE	5400	PPB	DRY	1.74

TRICHLOROBUTADIENE	8800	PPB	DRY	1.52
--------------------	------	-----	-----	------

Oyster larvae toxicity AET.

1,2,4-TRICHLOROBENZENE	100	PPB	DRY	1.56
HEXACHLOROBUTADIENE	680	PPB	DRY	2.52
BENZYL ALCOHOL	340	PPB	DRY	4.66
BUTYL BENZYL PHTHALATE	620	PPB	DRY	1.32 *
DIMETHYL PHTHALATE	510	PPB	DRY	3.19

Survey: CBMSQS Station: HY-42

Date: 01/01/84 Sample ID: HY-42

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	64	PPB	DRY	2.06
PENTACHLOROCYCLOPENTANE	68	PPB E	DRY	2.72
HEXACHLOROBENZENE	230	PPB	DRY	3.29
HEXACHLOROBUTADIENE	270	PPB	DRY	2.25
CHRYSENE	1800	PPB	DRY	1.29
POLYCHLORINATED BIPHENYLS	1100	PPB	DRY	8.46
PENTACHLOROBUTADIENE	3300	PPB	DRY	4.29
TETRACHLOROBUTADIENE	3500	PPB	DRY	1.13
TRICHLOROBUTADIENE	6200	PPB	DRY	1.07

Survey: CBMSQS Station: HY-43

Date: 01/01/84 Sample ID: HY-43

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	51	PPB	DRY	1.65
PENTACHLOROCYCLOPENTANE	72	PPB E	DRY	2.88
HEXACHLOROBENZENE	130	PPB	DRY	1.86
HEXACHLOROBUTADIENE	180	PPB	DRY	1.50
ETHYLBENZENE	37	PPB	DRY	1.12
PENTACHLOROBUTADIENE	2800	PPB	DRY	3.64
TETRACHLOROBUTADIENE	14000	PPB	DRY	4.52
TRICHLOROBUTADIENE	30000	PPB	DRY	5.17
TOTAL XYLENE	120	PPB	DRY	1.20

Survey: CBMSQS Station: HY-45

Date: 01/01/84 Sample ID: HY-45

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	110	PPB	DRY	3.55
PENTACHLOROCYCLOPENTANE	44	PPB E	DRY	1.76
HEXACHLOROBENZENE	120	PPB	DRY	1.71
HEXACHLOROBUTADIENE	440	PPB	DRY	3.67
PENTACHLOROBUTADIENE	1200	PPB	DRY	1.56
TETRACHLOROBUTADIENE	4800	PPB	DRY	1.55
TRICHLOROBUTADIENE	10000	PPB	DRY	1.72

Oyster larvae toxicity AET.

1,2,4-TRICHLOROBENZENE	110	PPB	DRY	1.72
HEXACHLOROBUTADIENE	440	PPB	DRY	1.63

Survey: CBMSQS Station: HY-46

Date: 01/01/84 Sample ID: HY-46

Microtox bioassay AET.

1,2-DICHLOROBENZENE	46	PPB	DRY	1.31
1,2,4-TRICHLOROBENZENE	260	PPB	DRY	8.39
1,4-DICHLOROBENZENE	200	PPB	DRY	1.82
PENTACHLOROCYCLOPENTANE	270	PPB E	DRY	10.80
HEXACHLOROBENZENE	320	PPB	DRY	4.57
HEXACHLOROBUTADIENE	940	PPB	DRY	7.83
COPROSTANOL	330	PPB E	DRY	2.36
POLYCHLORINATED BIPHENYLS	280	PPB	DRY	2.15
PENTACHLOROBUTADIENE	3600	PPB	DRY	4.68
TETRACHLOROBUTADIENE	18000	PPB	DRY	5.81
TRICHLOROBUTADIENE	43000	PPB	DRY	7.41
MERCURY	0.44	PPM	DRY	1.07

Oyster larvae toxicity AET.

1,2,4-TRICHLOROBENZENE	260	PPB	DRY	4.06
1,4-DICHLOROBENZENE	200	PPB	DRY	1.67
PENTACHLOROCYCLOPENTANE	270	PPB E	DRY	3.75 *
HEXACHLOROBENZENE	320	PPB	DRY	1.39
HEXACHLOROBUTADIENE	940	PPB	DRY	3.48
PENTACHLOROBUTADIENE	3600	PPB	DRY	1.09 *
TETRACHLOROBUTADIENE	18000	PPB	DRY	1.29 *
TRICHLOROBUTADIENE	43000	PPB	DRY	1.43 *

Survey: CBMSQS Station: HY-47

Date: 01/01/84 Sample ID: HY-47

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	51	PPB	DRY	1.65
1,4-DICHLOROBENZENE	120	PPB	DRY	1.09
PENTACHLOROCYCLOPENTANE	58	PPB E	DRY	2.32
HEXACHLOROBENZENE	100	PPB	DRY	1.43
HEXACHLOROBUTADIENE	290	PPB	DRY	2.42
DI-N-BUTYL PHTHALATE	1500	PPB Z	DRY	1.07
TOTAL NITROGEN (NO3+NO3+NH4)	0.89	PCT	DRY	3.18
PENTACHLOROBUTADIENE	3200	PPB	DRY	4.16
TETRACHLOROBUTADIENE	13000	PPB	DRY	4.19
TRICHLOROBUTADIENE	30000	PPB	DRY	5.17

Oyster larvae toxicity AET.

HEXACHLOROBUTADIENE	290	PPB	DRY	1.07
DI-N-BUTYL PHTHALATE	1500	PPB Z	DRY	1.07
TOTAL NITROGEN (NO3+NO3+NH4)	0.89	PCT	DRY	3.18

Survey: CBMSQS Station: HY-48

Date: 01/01/84 Sample ID: HY-48

Microtox bioassay AET.

1,2,4-TRICHLOROBENZENE	39	PPB	DRY	1.26
1,4-DICHLOROBENZENE	200	PPB	DRY	1.82
HEXACHLOROBUTADIENE	220	PPB	DRY	1.83
BENZYL ALCOHOL	61	PPB	DRY	1.07
BUTYL BENZYL PHTHALATE	250	PPB	DRY	3.97
COPROSTANOL	440	PPB E	DRY	3.14
DIETHYL PHTHALATE	120	PPB	DRY	2.50 *
DIMETHYL PHTHALATE	85	PPB	DRY	1.20
TETRACHLOROBUTADIENE	4400	PPB	DRY	1.42
TRICHLOROBUTADIENE	6600	PPB	DRY	1.14

Oyster larvae toxicity AET.

1,4-DICHLOROBENZENE	200	PPB	DRY	1.67
DIETHYL PHTHALATE	120	PPB	DRY	1.64 *

Survey: CBMSQS Station: HY-49

Date: 01/01/84 Sample ID: HY-49

Microtox bioassay AET.

PENTACHLOROPHENOL	150	PPB	DRY	1.07 *
BENZYL ALCOHOL	74	PPB	DRY	1.30

Oyster larvae toxicity AET.

PENTACHLOROPHENOL	150	PPB	DRY	1.07 *
BENZYL ALCOHOL	74	PPB	DRY	1.01

Survey: CBMSQS Station: HY-50
=====

Date: 01/01/84 Sample ID: HY-50

Microtox bioassay AET.

BENZYL ALCOHOL	73	PPB	DRY	1.28
----------------	----	-----	-----	------

Survey: CBMSQS Station: HY-51
=====

Date: 01/01/84 Sample ID: HY-51

Microtox bioassay AET.

BENZYL ALCOHOL	79	PPB	DRY	1.39
----------------	----	-----	-----	------

Oyster larvae toxicity AET.

BENZYL ALCOHOL	79	PPB	DRY	1.08
----------------	----	-----	-----	------

Survey: CBMSQS Station: MD-11
=====

Date: 01/01/84 Sample ID: MD-11

Microtox bioassay AET.

1,2-DICHLOROBENZENE	97	PPB	DRY	2.77
1,4-DICHLOROBENZENE	180	PPB	DRY	1.64
2-METHYLNAPHTHALENE	910	PPB	DRY	1.36
2,4,5-TRICHLOROPHENOL	150	PPB	DRY	5.17 *
PENTACHLOROPHENOL	620	PPB	DRY	4.43 *
BENZO(G,H,I)PERYLENE	740	PPB	DRY	1.10
CHRYSENE	1500	PPB	DRY	1.07
DIBENZOTHIOPHENE	260	PPB E	DRY	1.04
FLUORANTHENE	2800	PPB	DRY	1.65
INDENO(1,2,3-CD)PYRENE	710	PPB	DRY	1.18
NAPHTHALENE	2900	PPB	DRY	1.38
TOTAL NITROGEN (NO3+NO3+NH4)	0.44	PCT	DRY	1.57
PHENANTHRENE	2100	PPB	DRY	1.40
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	13000	PPB	DRY	1.08
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6700	PPB	DRY	1.29
PYRENE	2900	PPB	DRY	1.12

Oyster larvae toxicity AET.

1,2-DICHLOROBENZENE	97	PPB	DRY	1.94
1,4-DICHLOROBENZENE	180	PPB	DRY	1.50
2-METHYLNAPHTHALENE	910	PPB	DRY	1.36
2-METHYLPHENOL	68	PPB	DRY	1.08
2,4,5-TRICHLOROPHENOL	150	PPB	DRY	5.17 *
PENTACHLOROPHENOL	620	PPB	DRY	4.43 *
BENZO(G,H,I)PERYLENE	740	PPB	DRY	1.03
DIBENZOTHIOPHENE	260	PPB E	DRY	1.08
FLUORANTHENE	2800	PPB	DRY	1.12
INDENO(1,2,3-CD)PYRENE	710	PPB	DRY	1.03
NAPHTHALENE	2900	PPB	DRY	1.38
TOTAL NITROGEN (NO3+NO3+NH4)	0.44	PCT	DRY	1.57
PHENANTHRENE	2100	PPB	DRY	1.40
PHENOL	850	PPB Z	DRY	2.02
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6700	PPB	DRY	1.29

Survey: CBMSQS Station: MD-13

=====

Date: 01/01/84 Sample ID: MD-13

Microtox bioassay AET.

ACENAPHTHYLENE	600	PPB	DRY	1.07 *
COPPER	550	PPM	DRY	1.41
MERCURY	3.4	PPM	DRY	8.29

Oyster larvae toxicity AET.

ACENAPHTHYLENE	600	PPB	DRY	1.07 *
COPPER	550	PPM	DRY	1.41
MERCURY	3.4	PPM	DRY	5.76

Survey: CBMSQS Station: MI-12

=====

Date: 01/01/84 Sample ID: MI-12

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	37	PPB	DRY	1.28
---------------------	----	-----	-----	------

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	37	PPB	DRY	1.28
---------------------	----	-----	-----	------

Survey: CBMSQS Station: MI-13

=====

Date: 01/01/84 Sample ID: MI-13

Microtox bioassay AET.

DIMETHYL PHTHALATE	110	PPB	DRY	1.55
--------------------	-----	-----	-----	------

Survey: CBMSQS Station: MI-14
=====Date: 01/01/84 Sample ID: MI-14
-----Microtox bioassay AET.

DIMETHYL PHTHALATE	110	PPB	DRY	1.55
--------------------	-----	-----	-----	------

Survey: CBMSQS Station: RS-11
=====Date: 01/01/84 Sample ID: RS-11
-----Microtox bioassay AET.

TOTAL NITROGEN (NO3+NO3+NH4)	0.59	PCT	DRY	2.11
------------------------------	------	-----	-----	------

Oyster larvae toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4)	0.59	PCT	DRY	2.11
------------------------------	------	-----	-----	------

Survey: CBMSQS Station: RS-13
=====Date: 01/01/84 Sample ID: RS-13
-----Oyster larvae toxicity AET.

2-METHYLPHENOL	72	PPB	DRY	1.14
----------------	----	-----	-----	------

Survey: CBMSQS Station: RS-16
=====Date: 01/01/84 Sample ID: RS-16
-----Microtox bioassay AET.

2-METHYLNAPHTHALENE	830	PPB	DRY	1.24
2,4-DIMETHYL PHENOL	210	PPB	DRY	7.24
ACENAPHTHENE	900	PPB	DRY	1.80
CYMENE (UNSPECIFIED ISOMER)	2700	PPB E	DRY	2.45

DIBENZOFURAN	920	PPB	DRY	1.70
DI-N-BUTYL PHTHALATE	6700	PPB Z	DRY	4.79
FLUORENE	790	PPB	DRY	1.46
TOTAL NITROGEN (NO3+NO3+NH4)	0.29	PCT	DRY	1.04
OIL AND GREASE	2100	PPM	DRY	1.91
POLYCHLORINATED BIPHENYLS	580	PPB	DRY	4.46
PHENANTHRENE	1900	PPB	DRY	1.27
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6400	PPB	DRY	1.23
COPPER	460	PPM	DRY	1.18
MERCURY	0.75	PPM	DRY	1.83
TOTAL ORGANIC CARBON	20.5	PCT	DRY	1.36
TOTAL VOLATILE SOLIDS	28.6	PCT	DRY	1.29

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	830	PPB	DRY	1.24
2,4-DIMETHYL PHENOL	210	PPB	DRY	7.24
ACENAPHTHENE	900	PPB	DRY	1.80
CYMEKE (UNSPECIFIED ISOMER)	2700	PPB E	DRY	1.17
DIBENZOFURAN	920	PPB	DRY	1.70
DI-N-BUTYL PHTHALATE	6700	PPB Z	DRY	4.79
FLUORENE	790	PPB	DRY	1.46
TOTAL NITROGEN (NO3+NO3+NH4)	0.29	PCT	DRY	1.04
PHENANTHRENE	1900	PPB	DRY	1.27
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6400	PPB	DRY	1.23
COPPER	460	PPM	DRY	1.18
MERCURY	0.75	PPM	DRY	1.27
TOTAL ORGANIC CARBON	20.5	PCT	DRY	1.36
TOTAL VOLATILE SOLIDS	28.6	PCT	DRY	1.29

Survey: CBMSQS Station: RS-17

Date: 01/01/84 Sample ID: RS-17

Microtox bioassay AET.

ARSENIC	12000	PPM	DRY	17.14
CADMIUM	76	PPM	DRY	7.92
POLYCHLORINATED BIPHENYLS	510	PPB	DRY	3.92
COPPER	8300	PPM	DRY	21.28
LEAD	2700	PPM	DRY	5.09
MERCURY	29	PPM	DRY	70.73
ZINC	2000	PPM	DRY	1.25

Oyster larvae toxicity AET.

ARSENIC	12000	PPM	DRY	17.14
CADMIUM	76	PPM	DRY	7.92
COPPER	8300	PPM	DRY	21.28
LEAD	2700	PPM	DRY	4.09
MERCURY	29	PPM	DRY	49.15
ZINC	2000	PPM	DRY	1.25

Survey: CBMSQS Station: RS-18

Date: 01/01/84 Sample ID: RS-18

Microtox bioassay AET.

1-METHYLPYRENE	860	PPB E	DRY	3.07
1,4-DICHLOROBENZENE	250	PPB	DRY	2.27
1-METHYL PHENANTHRENE	1300	PPB E	DRY	3.51
2-METHYLNAPHTHALENE	1200	PPB	DRY	1.79
2-METHYLPYRENE	1300	PPB E	DRY	2.55
DIBENZO(A,H)ANTHRACENE	320	PPB	DRY	1.39
2-METHYL PHENANTHRENE	2400	PPB E	DRY	4.90
ACENAPHTHENE	2500	PPB	DRY	5.00
ANTHRACENE	1400	PPB	DRY	1.46
ARSENIC	9700	PPM	DRY	13.86
BENZO(A)ANTHRACENE	3200	PPB	DRY	2.46
BENZO(A)PYRENE	4000	PPB	DRY	2.50
BIPHENYL	1100	PPB E	DRY	4.07
CADMIUM	180	PPM	DRY	18.75
CHRYSENE	4700	PPB	DRY	3.36
DIBENZOFURAN	2000	PPB	DRY	3.70
DIBENZOTHIOPHENE	1100	PPB E	DRY	4.40
FLUORANTHENE	8100	PPB	DRY	4.76
FLUORENE	3100	PPB	DRY	5.74
INDENO(1,2,3-CD)PYRENE	770	PPB	DRY	1.28
N-NITROSO DIPHENYLAMINE	610	PPB	DRY	15.25
OIL AND GREASE	4100	PPM	DRY	3.73
PHENANTHRENE	11000	PPB	DRY	7.33
TOTAL BENZOFLUORANTHENES (B + K)	4200	PPB	DRY	1.31
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	2.58
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	20000	PPB	DRY	3.85
PYRENE	5600	PPB	DRY	2.15
COPPER	11000	PPM	DRY	28.21
LEAD	6300	PPM	DRY	11.89
MERCURY	52	PPM	DRY	126.83
ZINC	3300	PPM	DRY	2.06

Oyster larvae toxicity AET.

1-METHYLPYRENE	860	PPB E	DRY	3.07
1,4-DICHLOROBENZENE	250	PPB	DRY	2.08
1-METHYL PHENANTHRENE	1300	PPB E	DRY	3.51
2-METHYLNAPHTHALENE	1200	PPB	DRY	1.79
2-METHYLPHENOL	71	PPB	DRY	1.13
2-METHYLPYRENE	1300	PPB E	DRY	3.17
DIBENZO(A,H)ANTHRACENE	320	PPB	DRY	1.39
2-METHYL PHENANTHRENE	2400	PPB E	DRY	5.11
ACENAPHTHENE	2500	PPB	DRY	5.00
ANTHRACENE	1400	PPB	DRY	1.46
ARSENIC	9700	PPM	DRY	13.86
BENZO(A)ANTHRACENE	3200	PPB	DRY	2.00
BENZO(A)PYRENE	4000	PPB	DRY	2.50

BIPHENYL	1100	PPB E	DRY	4.23
CADMIUM	180	PPM	DRY	18.75
CHRYSENE	4700	PPB	DRY	1.68
DIBENZOFURAN	2000	PPB	DRY	3.70
DIBENZOTHIOPHENE	1100	PPB E	DRY	4.58
FLUORANTHENE	8100	PPB	DRY	3.24
FLUORENE	3100	PPB	DRY	5.74
INDENO(1,2,3-CD)PYRENE	770	PPB	DRY	1.12
N-NITROSO DIPHENYLAMINE	610	PPB	DRY	4.69
PHENANTHRENE	11000	PPB	DRY	7.33
PYRENE	5600	PPB	DRY	1.70
TOTAL BENZOFLUORANTHENES (B + K)	4200	PPB	DRY	1.17
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	1.82
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	20000	PPB	DRY	3.85
COPPER	11000	PPM	DRY	28.21
LEAD	6300	PPM	DRY	9.55
MERCURY	52	PPM	DRY	88.14
ZINC	3300	PPM	DRY	2.06

Survey: CBMSQS Station: RS-19
=====

Date: 01/01/84 Sample ID: RS-19

Microtox bioassay AET.

ARSENIC	1600	PPM	DRY	2.29
CADMIUM	16	PPM	DRY	1.67
DI-N-BUTYL PHTHALATE	1600	PPB Z	DRY	1.14
COPPER	2200	PPM	DRY	5.64
LEAD	1000	PPM	DRY	1.89
MERCURY	3.2	PPM	DRY	7.80

Oyster larvae toxicity AET.

ARSENIC	1600	PPM	DRY	2.29
CADMIUM	16	PPM	DRY	1.67
DI-N-BUTYL PHTHALATE	1600	PPB Z	DRY	1.14
COPPER	2200	PPM	DRY	5.64
LEAD	1000	PPM	DRY	1.52
MERCURY	3.2	PPM	DRY	5.42

Survey: CBMSQS Station: RS-20
=====

Date: 01/01/84 Sample ID: RS-20

Microtox bioassay AET.

MERCURY	0.59	PPM	DRY	1.44
---------	------	-----	-----	------

Survey: CBMSQS Station: RS-21

=====

Date: 01/01/84 Sample ID: RS-21

Microtox bioassay AET.

2-METHYLNAPHTHALENE	1100	PPB	DRY	1.64
ACENAPHTHENE	790	PPB	DRY	1.58
ANTHRACENE	1200	PPB	DRY	1.25
ARSENIC	9000	PPM	DRY	12.86
BENZO(A)ANTHRACENE	1800	PPB	DRY	1.38
CADMIUM	110	PPM	DRY	11.46
CHRYSENE	2300	PPB	DRY	1.64
DIBENZOFURAN	820	PPB	DRY	1.52
FLUORANTHENE	3600	PPB	DRY	2.12
FLUORENE	1100	PPB	DRY	2.04
OIL AND GREASE	1600	PPM	DRY	1.45
POLYCHLORINATED BIPHENYLS	580	PPB	DRY	4.46
PHENANTHRENE	1800	PPB	DRY	1.20
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	14000	PPB	DRY	1.17
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6200	PPB	DRY	1.19
COPPER	14000	PPM	DRY	35.90
LEAD	5000	PPM	DRY	9.43
MERCURY	17	PPM	DRY	41.46
ZINC	4200	PPM	DRY	2.63

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	1100	PPB	DRY	1.64
ACENAPHTHENE	790	PPB	DRY	1.58
ANTHRACENE	1200	PPB	DRY	1.25
ARSENIC	9000	PPM	DRY	12.86
BENZO(A)ANTHRACENE	1800	PPB	DRY	1.13
CADMIUM	110	PPM	DRY	11.46
DIBENZOFURAN	820	PPB	DRY	1.52
FLUORANTHENE	3600	PPB	DRY	1.44
FLUORENE	1100	PPB	DRY	2.04
PHENANTHRENE	1800	PPB	DRY	1.20
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6200	PPB	DRY	1.19
COPPER	14000	PPM	DRY	35.90
LEAD	5000	PPM	DRY	7.58
MERCURY	17	PPM	DRY	28.81
ZINC	4200	PPM	DRY	2.63

Survey: CBMSQS Station: SI-11

=====

Date: 01/01/84 Sample ID: SI-11

Microtox bioassay AET.

CYMENE (UNSPECIFIED ISOMER)	2300	PPB E	DRY	2.09
-----------------------------	------	-------	-----	------

LEAD 660 PPM DRY 1.25

Survey: CBMSQS Station: SI-12

=====

Date: 01/01/84 Sample ID: SI-12

Microtox bioassay AET.

KAUR-16-ENE 2100 PPB E DRY 1.05
N-NITROSO DIPHENYLAMINE 130 PPB DRY 3.25

Survey: CBMSQS Station: SI-13

=====

Date: 01/01/84 Sample ID: SI-13

Microtox bioassay AET.

TOTAL NITROGEN (NO3+NO3+NH4) 1.6 PCT DRY 5.71
SILVER 0.6 PPM DRY 1.07 *

Oyster larvae toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4) 1.6 PCT DRY 5.71
SILVER 0.6 PPM DRY 1.07 *

Survey: CBMSQS Station: SI-14

=====

Date: 01/01/84 Sample ID: SI-14

Microtox bioassay AET.

1-METHYL PHENANTHRENE 430 PPB E DRY 1.16
2-METHYLNAPHTHALENE 720 PPB DRY 1.07
2-METHYL PHENANTHRENE 660 PPB E DRY 1.35
ACENAPHTHENE 640 PPB DRY 1.28
COPROSTANOL 660 PPB E DRY 4.71
DIBENZOFURAN 610 PPB DRY 1.13
DIBENZOTHIOPHENE 260 PPB E DRY 1.04
DIMETHYL PHTHALATE 88 PPB DRY 1.24
FLUORENE 610 PPB DRY 1.13
POLYCHLORINATED BIPHENYLS 140 PPB DRY 1.08
PHENANTHRENE 1800 PPB DRY 1.20

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE 430 PPB E DRY 1.16
2-METHYLNAPHTHALENE 720 PPB DRY 1.07

2-METHYL PHENANTHRENE	660	PPB E	DRY	1.40
ACENAPHTHENE	640	PPB	DRY	1.28
DIBENZOFURAN	610	PPB	DRY	1.13
DIBENZOTHIOPHENE	260	PPB E	DRY	1.08
FLUORENE	610	PPB	DRY	1.13
PHENANTHRENE	1800	PPB	DRY	1.20

Survey: CBMSQS Station: SP-11

=====

Date: 01/01/84 Sample ID: SP-11

Microtox bioassay AET.

COPROSTANOL	2800	PPB E	DRY	20.00
-------------	------	-------	-----	-------

Survey: CBMSQS Station: SP-12

=====

Date: 01/01/84 Sample ID: SP-12

Microtox bioassay AET.

BENZYL ALCOHOL	61	PPB	DRY	1.07
COPROSTANOL	160	PPB E	DRY	1.14

Survey: CBMSQS Station: SP-13

=====

Date: 01/01/84 Sample ID: SP-13

Microtox bioassay AET.

2-METHYLPHENOL	100	PPB	DRY	1.39 *
2,4-DIMETHYL PHENOL	71	PPB	DRY	2.45
4-METHYL PHENOL	1900	PPB	DRY	2.84
BENZYL ALCOHOL	180	PPB	DRY	3.16
COPROSTANOL	380	PPB E	DRY	2.71
NAPHTHALENE	2700	PPB	DRY	1.29

Oyster larvae toxicity AET.

2-METHYLPHENOL	100	PPB	DRY	1.59
2,4-DIMETHYL PHENOL	71	PPB	DRY	2.45
4-METHYL PHENOL	1900	PPB	DRY	2.84
BENZYL ALCOHOL	180	PPB	DRY	2.47
NAPHTHALENE	2700	PPB	DRY	1.29

Survey: CBMSQS Station: SP-14

=====

Date: 01/01/84 Sample ID: SP-14

Microtox bioassay AET.

2-METHYLNAPHTHALENE	810	PPB	DRY	1.21
2-METHOXYPHENOL	3900	PPB E	DRY	4.19
4-METHYL PHENOL	96000	PPB	DRY	143.28
BIPHENYL	310	PPB E	DRY	1.15
CYMENE (UNSPECIFIED ISOMER)	6600	PPB E	DRY	6.00
ISOPIMARADIENE	5900	PPB E	DRY	4.21
KAUR-16-ENE	5200	PPB E	DRY	2.60
NAPHTHALENE	4400	PPB	DRY	2.10
TOTAL NITROGEN (NO3+NO3+NH4)	0.79	PCT	DRY	2.82
PHENOL	1700	PPB Z	DRY	1.42
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6100	PPB E	DRY	1.17
TOTAL ORGANIC CARBON	16	PCT	DRY	1.06
TOTAL VOLATILE SOLIDS	44.7	PCT	DRY	2.01

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	810	PPB	DRY	1.21
2-METHOXYPHENOL	3900	PPB E	DRY	4.19
4-METHYL PHENOL	96000	PPB	DRY	143.28
BIPHENYL	310	PPB E	DRY	1.19
CYMENE (UNSPECIFIED ISOMER)	6600	PPB E	DRY	2.87
ISOPIMARADIENE	5900	PPB E	DRY	3.93
KAUR-16-ENE	5200	PPB E	DRY	2.48
NAPHTHALENE	4400	PPB	DRY	2.10
TOTAL NITROGEN (NO3+NO3+NH4)	0.79	PCT	DRY	2.82
PHENOL	1700	PPB Z	DRY	4.05
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6100	PPB E	DRY	1.17
TOTAL ORGANIC CARBON	16	PCT	DRY	1.06
TOTAL VOLATILE SOLIDS	44.7	PCT	DRY	2.01

Survey: CBMSQS Station: SP-15

=====

Date: 01/01/84 Sample ID: SP-15

Microtox bioassay AET.

2-METHOXYPHENOL	1500	PPB E	DRY	1.61
4-METHYL PHENOL	2600	PPB	DRY	3.88
COPROSTANOL	380	PPB E	DRY	2.71
CYMENE (UNSPECIFIED ISOMER)	1400	PPB E	DRY	1.27

Oyster larvae toxicity AET.

2-METHOXYPHENOL	1500	PPB E	DRY	1.61
4-METHYL PHENOL	2600	PPB	DRY	3.88

Survey: CBMSQS Station: SP-16
=====

Date: 01/01/84 Sample ID: SP-16

Microtox bioassay AET.

4-METHYL PHENOL	890	PPB	DRY	1.33
BENZYL ALCOHOL	130	PPB	DRY	2.28
COPROSTANOL	470	PPB E	DRY	3.36
TOTAL NITROGEN (NO3+NO3+NH4)	1.19	PCT	DRY	4.25

Oyster larvae toxicity AET.

4-METHYL PHENOL	890	PPB	DRY	1.33
BENZYL ALCOHOL	130	PPB	DRY	1.78
TOTAL NITROGEN (NO3+NO3+NH4)	1.19	PCT	DRY	4.25

Survey: DUWRIV1 Station: DR-03
=====

Date: 04/15/85 Sample ID: DR-03

Oyster larvae toxicity AET.

P,P'-DDD	3.9	PPB	DRY	1.95 *
----------	-----	-----	-----	--------

Survey: DUWRIV1 Station: DR-05
=====

Date: 04/15/85 Sample ID: DR-05

Oyster larvae toxicity AET.

P,P'-DDD	2.6	PPB	DRY	1.30 *
----------	-----	-----	-----	--------

Survey: DUWRIV1 Station: DR-06
=====

Date: 04/15/85 Sample ID: DR-06

Oyster larvae toxicity AET.

P,P'-DDD	3.2	PPB	DRY	1.60 *
----------	-----	-----	-----	--------

Survey: DUWRIV1 Station: DR-07
=====

Date: 04/15/85 Sample ID: DR-07
-----Oyster larvae toxicity AET.

P,P'-DDT	22	PPB	DRY	3.79 *
P,P'-DDD	5.6	PPB	DRY	2.80 *

Survey: DUWRIV1 Station: DR-08
=====Date: 04/15/85 Sample ID: DR-08
-----Microtox bioassay AET.

ACENAPHTHYLENE	2400	PPB	DRY	4.29 *
BIS(2-ETHYLHEXYL)PHthalate	2800	PPB	DRY	1.47
POLYCHLORINATED BIPHENYLS	3900	PPB	DRY	30.00
MERCURY	0.42	PPM	DRY	1.02

Oyster larvae toxicity AET.

ACENAPHTHYLENE	2400	PPB	DRY	4.29 *
BIS(2-ETHYLHEXYL)PHthalate	2800	PPB	DRY	1.47
POLYCHLORINATED BIPHENYLS	3900	PPB	DRY	3.55
P,P'-DDD	71	PPB	DRY	35.50 *

Survey: DUWRIV2 Station: DR-10
=====Date: 07/01/85 Sample ID: CA1
-----Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	5400	PPB	DRY	41.54
MERCURY	0.83	PPM	DRY	2.02

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	5400	PPB	DRY	4.91
P,P'-DDD	38	PPB	DRY	19.00 *
P,P'-DDE	41	PPB	DRY	48.81 *
MERCURY	0.83	PPM	DRY	1.41

Survey: DUWRIV2 Station: DR-11
=====Date: 07/01/85 Sample ID: CA2

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 530 PPB DRY 4.08

Oyster larvae toxicity AET.

P,P'-DDD 8.0 PPB DRY 4.00 *
P,P'-DDE 4.0 PPB DRY 4.76 *

Survey: DUWRIV2 Station: DR-13
=====

Date: 07/01/85 Sample ID: CB1

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 220 PPB M DRY 1.69
MERCURY 0.42 PPM DRY 1.02

Oyster larvae toxicity AET.

P,P'-DDD 3.5 PPB M DRY 1.75 *
P,P'-DDE 0.95 PPB M DRY 1.13 *

Survey: DUWRIV2 Station: DR-14
=====

Date: 07/01/85 Sample ID: CB2

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 150 PPB DRY 1.15

Oyster larvae toxicity AET.

P,P'-DDD 6.0 PPB DRY 3.00 *
P,P'-DDE 2.0 PPB DRY 2.38 *

Survey: DUWRIV2 Station: DR-19
=====

Date: 07/01/85 Sample ID: CC2

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 330 PPB DRY 2.54

Oyster larvae toxicity AET.

P,P'-DDD 4.0 PPB DRY 2.00 *

P,P'-DDE	1.0	PPB	DRY	1.19 *
----------	-----	-----	-----	--------

Survey: DUWRIV2 Station: DR-22
=====

Date: 07/01/85 Sample ID: CC5

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	180	PPB	DRY	1.38
---------------------------	-----	-----	-----	------

Oyster larvae toxicity AET.

P,P'-DDE	0.9	PPB	DRY	1.07 *
----------	-----	-----	-----	--------

Survey: DUWRIV2 Station: DR-23
=====

Date: 07/01/85 Sample ID: CD1

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	1800	PPB	DRY	13.85
MERCURY	0.68	PPM	DRY	1.66

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	1800	PPB	DRY	1.64
P,P'-DDD	29	PPB	DRY	14.50 *
P,P'-DDE	11	PPB	DRY	13.10 *
MERCURY	0.68	PPM	DRY	1.15

Survey: DUWRIV2 Station: DR-25
=====

Date: 07/01/85 Sample ID: CE1

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	790	PPB	DRY	6.08
---------------------------	-----	-----	-----	------

Oyster larvae toxicity AET.

P,P'-DDD	14	PPB	DRY	7.00 *
P,P'-DDE	4.0	PPB	DRY	4.76 *

Survey: DUWRIV2 Station: DR-26
=====

Date: 07/01/85 Sample ID: CE2

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	170	PPB	DRY	1.31
LEAD	700	PPM M	DRY	1.32

Oyster larvae toxicity AET.

P,P'-DDE	1.0	PPB	DRY	1.19 *
LEAD	700	PPM M	DRY	1.06

Survey: DUWRIV2 Station: DR-27

Date: 07/01/85 Sample ID: CE3

Microtox bioassay AET.

CADMIUM	10	PPM M	DRY	1.04
LEAD	2700	PPM M	DRY	5.09
MERCURY	2.3	PPM	DRY	5.61
ZINC	2600	PPM M	DRY	1.63

Oyster larvae toxicity AET.

CADMIUM	10	PPM M	DRY	1.04
P,P'-DDD	3.0	PPB	DRY	1.50 *
P,P'-DDE	2.0	PPB	DRY	2.38 *
LEAD	2700	PPM M	DRY	4.09
MERCURY	2.3	PPM	DRY	3.90
ZINC	2600	PPM M	DRY	1.63

Survey: DUWRIV2 Station: DR-28

Date: 07/01/85 Sample ID: CF1

Microtox bioassay AET.

FLUORANTHENE	1900	PPB	DRY	1.12
POLYCHLORINATED BIPHENYLS	2500	PPB	DRY	19.23

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	2500	PPB	DRY	2.27
P,P'-DDD	43	PPB	DRY	21.50 *
P,P'-DDE	15	PPB	DRY	17.86 *

Survey: DUWRIV2 Station: DR-29

=====

Date: 07/01/85 Sample ID: CF2

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	2200	PPB	DRY	16.92
MERCURY	0.46	PPM	DRY	1.12

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	2200	PPB	DRY	2.00
P,P'-DDD	35	PPB	DRY	17.50 *
P,P'-DDE	15	PPB	DRY	17.86 *

Survey: DUWRIV2 Station: DR-30

=====

Date: 07/01/85 Sample ID: CF3

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	650	PPB	DRY	5.00
---------------------------	-----	-----	-----	------

Oyster larvae toxicity AET.

P,P'-DDD	9.0	PPB	DRY	4.50 *
P,P'-DDE	3.0	PPB	DRY	3.57 *

Survey: DUWRIV2 Station: DR-31

=====

Date: 07/01/85 Sample ID: CF4

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	560	PPB	DRY	4.31
---------------------------	-----	-----	-----	------

Oyster larvae toxicity AET.

P,P'-DDD	24	PPB	DRY	12.00 *
P,P'-DDE	4.0	PPB	DRY	4.76 *

Survey: DUWRIV2 Station: DR-33

=====

Date: 07/01/85 Sample ID: CG1

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 1200 PPB DRY 9.23

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS 1200 PPB DRY 1.09
P,P'-DDD 14 PPB DRY 7.00 *
P,P'-DDE 10 PPB DRY 11.90 *

Survey: DUWRIV2 Station: DR-34
=====

Date: 07/01/85 Sample ID: CG2

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 1300 PPB DRY 10.00

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS 1300 PPB DRY 1.18
P,P'-DDD 16 PPB DRY 8.00 *
P,P'-DDE 7.0 PPB DRY 8.33 *

Survey: DUWRIV2 Station: DR-35
=====

Date: 07/01/85 Sample ID: CG3

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 620 PPB DRY 4.77
MERCURY 0.58 PPM M DRY 1.41

Oyster larvae toxicity AET.

P,P'-DDD 15 PPB DRY 7.50 *
P,P'-DDE 6.0 PPB DRY 7.14 *

Survey: DUWRIV2 Station: DR-36
=====

Date: 07/01/85 Sample ID: CG4

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 1500 PPB DRY 11.54
MERCURY 1.1 PPM DRY 2.68

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	1500	PPB	DRY	1.36
P,P'-DDD	25	PPB	DRY	12.50 *
P,P'-DDE	10	PPB	DRY	11.90 *
MERCURY	1.1	PPM	DRY	1.86

Survey: DUWRIV2 Station: DR-38
=====

Date: 07/01/85 Sample ID: CH1

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	1400	PPB	DRY	10.77
---------------------------	------	-----	-----	-------

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	1400	PPB	DRY	1.27
P,P'-DDD	14	PPB	DRY	7.00 *
P,P'-DDE	8.0	PPB	DRY	9.52 *

Survey: DUWRIV2 Station: DR-39
=====

Date: 07/01/85 Sample ID: CW/A1

Microtox bioassay AET.

MERCURY	0.85	PPM	DRY	2.07
---------	------	-----	-----	------

Oyster larvae toxicity AET.

MERCURY	0.85	PPM	DRY	1.44
---------	------	-----	-----	------

Survey: EBCHEM Station: AB-01
=====

Date: 09/26/85 Sample ID: AB-01

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	940	PPB E	DRY	4.09
ACENAPHTHENE	1200	PPB E	DRY	2.40
ANTHRACENE	2700	PPB E	DRY	2.81
BENZO(A)ANTHRACENE	2100	PPB E	DRY	1.62
BENZO(A)PYRENE	2800	PPB E	DRY	1.75
BENZO(G,H,I)PERYLENE	2300	PPB E	DRY	3.43
CHRYSENE	2500	PPB E	DRY	1.79
DIBENZOTHIOPHENE	360	PPB E	DRY	1.44
FLUORANTHENE	10000	PPB E	DRY	5.88

FLUORENE	780	PPB E	DRY	1.44
INDENO(1,2,3-CD)PYRENE	2400	PPB E	DRY	4.00
OIL AND GREASE	1900	PPM	DRY	1.73
PHENANTHRENE	3300	PPB E	DRY	2.20
SILVER	0.63	PPM E	DRY	1.13 *
TOTAL BENZOFLUORANTHENES (B + K)	5400	PPB E	DRY	1.69
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	35000	PPB E	DRY	2.92
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	10000	PPB E	DRY	1.92
PYRENE	6500	PPB E	DRY	2.50
COPPER	440	PPM	DRY	1.13
MERCURY	29	PPM E	DRY	70.73

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	940	PPB E	DRY	4.09
ACENAPHTHENE	1200	PPB E	DRY	2.40
ANTHRACENE	2700	PPB E	DRY	2.81
BENZO(A)ANTHRACENE	2100	PPB E	DRY	1.31
BENZO(A)PYRENE	2800	PPB E	DRY	1.75
BENZO(G,H,I)PERYLENE	2300	PPB E	DRY	3.19
DIBENZOTHIOPHENE	360	PPB E	DRY	1.50
FLUORANTHENE	10000	PPB E	DRY	4.00
FLUORENE	780	PPB E	DRY	1.44
INDENO(1,2,3-CD)PYRENE	2400	PPB E	DRY	3.48
PHENANTHRENE	3300	PPB E	DRY	2.20
PYRENE	6500	PPB E	DRY	1.97
SILVER	0.63	PPM E	DRY	1.13 *
TOTAL BENZOFLUORANTHENES (B + K)	5400	PPB E	DRY	1.50
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	35000	PPB E	DRY	2.06
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	10000	PPB E	DRY	1.92
COPPER	440	PPM	DRY	1.13
MERCURY	29	PPM E	DRY	49.15

Survey: EBCHEM Station: DR-01

Date: 09/30/85 Sample ID: DR-01

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	520	PPB E	DRY	4.00
SULFIDES	48	PPM	DRY	1.07

Oyster larvae toxicity AET.

SULFIDES	48	PPM	DRY	1.07
----------	----	-----	-----	------

Survey: EBCHEM Station: DR-02

Date: 09/30/85 Sample ID: DR-02

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	110	PPB E	DRY	1.75
OIL AND GREASE	1700	PPM	DRY	1.55
POLYCHLORINATED BIPHENYLS	290	PPB E	DRY	2.23
SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	350	PPM	DRY	7.78

Oyster larvae toxicity AET.

SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	350	PPM	DRY	7.78

Survey: EBCHEM Station: DR-03

Date: 09/30/85 Sample ID: DR-03

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	640	PPB E	DRY	4.92
SULFIDES	130	PPM	DRY	2.89

Oyster larvae toxicity AET.

SULFIDES	130	PPM	DRY	2.89
----------	-----	-----	-----	------

Survey: EBCHEM Station: DR-04

Date: 09/30/85 Sample ID: DR-04

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	570	PPB E	DRY	4.38
SILVER	1.4	PPM E	DRY	2.50 *

Oyster larvae toxicity AET.

SILVER	1.4	PPM E	DRY	2.50 *
--------	-----	-------	-----	--------

Survey: EBCHEM Station: DR-05

Date: 09/30/85 Sample ID: DR-05

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	570	PPB E	DRY	4.38
SULFIDES	77	PPM	DRY	1.71

Oyster larvae toxicity AET.

SULFIDES	77	PPM	DRY	1.71
P,P'-DDT	33	PPB	DRY	5.69 *

Survey: EBCHEM Station: DR-06

Date: 10/09/85 Sample ID: DR-06

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	350	PPB E	DRY	2.69
---------------------------	-----	-------	-----	------

Survey: EBCHEM Station: DR-07

Date: 09/30/85 Sample ID: DR-07

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	490	PPB E	DRY	3.77
SULFIDES	110	PPM	DRY	2.44

Oyster larvae toxicity AET.

SULFIDES	110	PPM	DRY	2.44
----------	-----	-----	-----	------

Survey: EBCHEM Station: DR-08

Date: 09/30/85 Sample ID: DR-08

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	270	PPB E	DRY	1.17
BUTYL BENZYL PHTHALATE	290	PPB E	DRY	4.60
INDENO(1,2,3-CD)PYRENE	1100	PPB E	DRY	1.83
OIL AND GREASE	2800	PPM	DRY	2.55
POLYCHLORINATED BIPHENYLS	5800	PPB E	DRY	44.62
SILVER	1.6	PPM E	DRY	2.86 *
SULFIDES	240	PPM	DRY	5.33
MERCURY	0.61	PPM E	DRY	1.49

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	270	PPB E	DRY	1.17
INDENO(1,2,3-CD)PYRENE	1100	PPB E	DRY	1.59
POLYCHLORINATED BIPHENYLS	5800	PPB E	DRY	5.27

SILVER	1.6	PPM E	DRY	2.86 *
SULFIDES	240	PPM	DRY	5.33
P,P'-DDD	38	PPB	DRY	19.00 *
P,P'-DDE	52	PPB	DRY	61.90 *
MERCURY	0.61	PPM E	DRY	1.03

Survey: EBCHEM Station: DR-09
=====

Date: 09/30/85 Sample ID: DR-09

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	170	PPB E	DRY	1.31
SULFIDES	100	PPM	DRY	2.22

Oyster larvae toxicity AET.

SULFIDES	100	PPM	DRY	2.22
----------	-----	-----	-----	------

Survey: EBCHEM Station: DR-10
=====

Date: 09/30/85 Sample ID: DR-10

Microtox bioassay AET.

OIL AND GREASE	7600	PPM	DRY	6.91
POLYCHLORINATED BIPHENYLS	2100	PPB E	DRY	16.15
SULFIDES	90	PPM	DRY	2.00

Oyster larvae toxicity AET.

OIL AND GREASE	7600	PPM	DRY	1.77
POLYCHLORINATED BIPHENYLS	2100	PPB E	DRY	1.91
SULFIDES	90	PPM	DRY	2.00
P,P'-DDT	65	PPB	DRY	11.21 *
P,P'-DDD	34	PPB	DRY	17.00 *
P,P'-DDE	62	PPB	DRY	73.81 *

Survey: EBCHEM Station: DR-11
=====

Date: 09/30/85 Sample ID: DR-11

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	830	PPB E	DRY	6.38
SILVER	1.0	PPM E	DRY	1.79 *
SULFIDES	170	PPM	DRY	3.78

Oyster larvae toxicity AET.

SILVER	1.0	PPM E	DRY	1.79 *
SULFIDES	170	PPM	DRY	3.78

Survey: EBCHEM Station: DR-12

Date: 09/30/85 Sample ID: DR-12

Microtox bioassay AET.

FLUORANTHENE	2100	PPB E	DRY	1.24
INDENO(1,2,3-CD)PYRENE	630	PPB E	DRY	1.05
POLYCHLORINATED BIPHENYLS	830	PPB E	DRY	6.38
SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	190	PPM	DRY	4.22

Oyster larvae toxicity AET.

SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	190	PPM	DRY	4.22

Survey: EBCHEM Station: DR-13

Date: 09/30/85 Sample ID: DR-13

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	950	PPB E	DRY	7.31
SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	180	PPM	DRY	4.00

Oyster larvae toxicity AET.

SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	180	PPM	DRY	4.00

Survey: EBCHEM Station: DR-14

Date: 09/30/85 Sample ID: DR-14

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	810	PPB E	DRY	6.23
SILVER	0.91	PPM E	DRY	1.63 *
SULFIDES	160	PPM	DRY	3.56

Oyster larvae toxicity AET.

SILVER	0.91	PPM E	DRY	1.63 *
SULFIDES	160	PPM	DRY	3.56

Survey: EBCHEM Station: DR-15

Date: 09/30/85 Sample ID: DR-15

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	230	PPB E	DRY	1.77
SULFIDES	240	PPM	DRY	5.33

Oyster larvae toxicity AET.

SULFIDES	240	PPM	DRY	5.33
----------	-----	-----	-----	------

Survey: EBCHEM Station: DR-16

Date: 09/30/85 Sample ID: DR-16

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	420	PPB E	DRY	1.83
ACENAPHTHENE	550	PPB E	DRY	1.10
ANTHRACENE	1500	PPB E	DRY	1.56
BENZO(G,H,I)PERYLENE	800	PPB E	DRY	1.19
BUTYL BENZYL PHTHALATE	92	PPB E	DRY	1.46
FLUORANTHENE	5800	PPB E	DRY	3.41
FLUORENE	660	PPB E	DRY	1.22
INDENO(1,2,3-CD)PYRENE	940	PPB E	DRY	1.57
OIL AND GREASE	1200	PPM	DRY	1.09
POLYCHLORINATED BIPHENYLS	680	PPB E	DRY	5.23
PHENANTHRENE	3000	PPB E	DRY	2.00
SILVER	1.1	PPM E	DRY	1.96 *
SULFIDES	150	PPM	DRY	3.33
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	17000	PPB E	DRY	1.42
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6000	PPB E	DRY	1.15
PYRENE	5500	PPB E	DRY	2.12

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	420	PPB E	DRY	1.83
ACENAPHTHENE	550	PPB E	DRY	1.10
ANTHRACENE	1500	PPB E	DRY	1.56
BENZO(G,H,I)PERYLENE	800	PPB E	DRY	1.11
FLUORANTHENE	5800	PPB E	DRY	2.32
FLUORENE	660	PPB E	DRY	1.22

INDENO(1,2,3-CD)PYRENE	940	PPB E	DRY	1.36
PHENANTHRENE	3000	PPB E	DRY	2.00
PYRENE	5500	PPB E	DRY	1.67
SILVER	1.1	PPM E	DRY	1.96 *
SULFIDES	150	PPM	DRY	3.33
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6000	PPB E	DRY	1.15

Survey: EBCHEM Station: DR-17

=====

Date: 09/30/85 Sample ID: DR-17

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	640	PPB E	DRY	4.92
SILVER	0.82	PPM E	DRY	1.46 *
SULFIDES	220	PPM	DRY	4.89

Oyster larvae toxicity AET.

SILVER	0.82	PPM E	DRY	1.46 *
SULFIDES	220	PPM	DRY	4.89

Survey: EBCHEM Station: DR-25

=====

Date: 10/10/85 Sample ID: DR-25

Microtox bioassay AET.

2-METHYLPHENOL	280	PPB E	DRY	3.89 *
4-METHYL PHENOL	1100	PPB	DRY	1.64
BUTYL BENZYL PHTHALATE	78	PPB E	DRY	1.24
DIMETHYL PHTHALATE	190	PPB E	DRY	2.68
SILVER	0.78	PPM E	DRY	1.39 *
SULFIDES	110	PPM	DRY	2.44

Oyster larvae toxicity AET.

2-METHYLPHENOL	280	PPB E	DRY	4.44
DI-N-OCTYL PHTHALATE	1300	PPB	DRY	3.10 *
4-METHYL PHENOL	1100	PPB	DRY	1.64
DIMETHYL PHTHALATE	190	PPB E	DRY	1.19
PHENOL	1200	PPB X	DRY	2.86
SILVER	0.78	PPM E	DRY	1.39 *
SULFIDES	110	PPM	DRY	2.44

Survey: EBCHEM Station: EW-01

=====

Date: 10/09/85 Sample ID: EW-01

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	560	PPB E	DRY	4.31
SULFIDES	51	PPM	DRY	1.13

Oyster larvae toxicity AET.

SULFIDES	51	PPM	DRY	1.13
----------	----	-----	-----	------

Survey: EBCHEM Station: EW-02
=====Date: 10/04/85 Sample ID: EW-02

Microtox bioassay AET.

1-METHYL PHENANTHRENE	410	PPB E	DRY	1.11
ACENAPHTHENE	4400	PPB E	DRY	8.80
ANTHRACENE	6800	PPB E	DRY	7.08
BENZO(A)ANTHRACENE	2100	PPB E	DRY	1.62
BIPHENYL	430	PPB E	DRY	1.59
CHRYSENE	2500	PPB E	DRY	1.79
DIBENZOFURAN	3500	PPB E	DRY	6.48
DIBENZOTHIOPHENE	560	PPB E	DRY	2.24
FLUORANTHENE	9600	PPB E	DRY	5.65
FLUORENE	9200	PPB E	DRY	17.04
OIL AND GREASE	1700	PPM	DRY	1.55
POLYCHLORINATED BIPHENYLS	980	PPB E	DRY	7.54
PHENANTHRENE	11000	PPB E	DRY	7.33
SILVER	1.8	PPM E	DRY	3.21 *
SULFIDES	370	PPM	DRY	8.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	26000	PPB E	DRY	2.17
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	32000	PPB E	DRY	6.15
PYRENE	6600	PPB E	DRY	2.54
MERCURY	0.72	PPM E	DRY	1.76

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	410	PPB E	DRY	1.11
ACENAPHTHENE	4400	PPB E	DRY	8.80
ANTHRACENE	6800	PPB E	DRY	7.08
BENZO(A)ANTHRACENE	2100	PPB E	DRY	1.31
BIPHENYL	430	PPB E	DRY	1.65
DIBENZOFURAN	3500	PPB E	DRY	6.48
DIBENZOTHIOPHENE	560	PPB E	DRY	2.33
FLUORANTHENE	9600	PPB E	DRY	3.84
FLUORENE	9200	PPB E	DRY	17.04
PHENANTHRENE	11000	PPB E	DRY	7.33
PYRENE	6600	PPB E	DRY	2.00
SILVER	1.8	PPM E	DRY	3.21 *
SULFIDES	370	PPM	DRY	8.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	26000	PPB E	DRY	1.53

POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	32000	PPB E	DRY	6.15
MERCURY	0.72	PPM E	DRY	1.22

Survey: EBCHEM Station: EW-03

=====

Date: 10/04/85 Sample ID: EW-03

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	72	PPB E	DRY	1.14
OIL AND GREASE	2000	PPM	DRY	1.82
POLYCHLORINATED BIPHENYLS	1000	PPB E	DRY	7.69
SILVER	1.9	PPM E	DRY	3.39 *
SULFIDES	230	PPM	DRY	5.11
MERCURY	0.68	PPM E	DRY	1.66

Oyster larvae toxicity AET.

SILVER	1.9	PPM E	DRY	3.39 *
SULFIDES	230	PPM	DRY	5.11
MERCURY	0.68	PPM E	DRY	1.15

Survey: EBCHEM Station: EW-04

=====

Date: 10/14/85 Sample ID: EW-04

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	250	PPB E	DRY	1.09
ANTHRACENE	1700	PPB	DRY	1.77
BENZO(A)ANTHRACENE	2700	PPB	DRY	2.08
BENZO(A)PYRENE	3000	PPB E	DRY	1.88
BENZO(G,H,I)PERYLENE	1400	PPB E	DRY	2.09
CHRYSENE	7200	PPB	DRY	5.14
FLUORANTHENE	4100	PPB	DRY	2.41
INDENO(1,2,3-CD)PYRENE	1700	PPB E	DRY	2.83
OIL AND GREASE	1400	PPM	DRY	1.27
POLYCHLORINATED BIPHENYLS	430	PPB E	DRY	3.31
PHENANTHRENE	2400	PPB	DRY	1.60
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	190	PPM	DRY	4.22
TOTAL BENZOFLUORANTHENES (B + K)	7800	PPB	DRY	2.44
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	34000	PPB E	DRY	2.83
PYRENE	5800	PPB	DRY	2.23
MERCURY	0.49	PPM E	DRY	1.20

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	250	PPB E	DRY	1.09
ANTHRACENE	1700	PPB	DRY	1.77

BENZO(A)ANTHRACENE	2700	PPB	DRY	1.69
BENZO(A)PYRENE	3000	PPB E	DRY	1.88
BENZO(G,H,I)PERYLENE	1400	PPB E	DRY	1.94
CHRYSENE	7200	PPB	DRY	2.57
FLUORANTHENE	4100	PPB	DRY	1.64
INDENO(1,2,3-CD)PYRENE	1700	PPB E	DRY	2.46
PHENANTHRENE	2400	PPB	DRY	1.60
PYRENE	5800	PPB	DRY	1.76
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	190	PPM	DRY	4.22
TOTAL BENZOFLUORANTHENES (B + K)	7800	PPB	DRY	2.17
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	34000	PPB E	DRY	2.00

Survey: EBCHEM Station: EW-05

Date: 10/14/85 Sample ID: EW-05 Field rep: 1

Microtox bioassay AET.

1-METHYL PHENANTHRENE	830	PPB E	DRY	2.24
2-METHYL PHENANTHRENE	1100	PPB E	DRY	2.24
BUTYL BENZYL PHTHALATE	1600	PPB	DRY	25.40
CHRYSENE	1600	PPB	DRY	1.14
FLUORANTHENE	2100	PPB	DRY	1.24
TOTAL NITROGEN (NO3+NO3+NH4)	0.64	PCT	DRY	2.29
OIL AND GREASE	12000	PPM	DRY	10.91
POLYCHLORINATED BIPHENYLS	2200	PPB E	DRY	16.92
SILVER	3.7	PPM E	DRY	6.61 *
SULFIDES	1700	PPM	DRY	37.78
MERCURY	4.6	PPM E	DRY	11.22

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	830	PPB E	DRY	2.24
2-METHYL PHENANTHRENE	1100	PPB E	DRY	2.34
BUTYL BENZYL PHTHALATE	1600	PPB	DRY	3.40 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.64	PCT	DRY	2.29
OIL AND GREASE	12000	PPM	DRY	2.79
POLYCHLORINATED BIPHENYLS	2200	PPB E	DRY	2.00
SILVER	3.7	PPM E	DRY	6.61 *
SULFIDES	1700	PPM	DRY	37.78
P,P'-DDE	79	PPB E	DRY	94.05 *
MERCURY	4.6	PPM E	DRY	7.80

Date: 10/14/85 Sample ID: EW-05 Field rep: 2

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	650	PPB E	DRY	10.32
CADMIUM	15	PPM	DRY	1.56
TOTAL NITROGEN (NO3+NO3+NH4)	0.32	PCT	DRY	1.14
OIL AND GREASE	3800	PPM	DRY	3.45

POLYCHLORINATED BIPHENYLS	2900	PPB E	DRY	22.31
RETENE	2200	PPB E	DRY	1.10 *
SILVER	4.6	PPM E	DRY	8.21 *
SULFIDES	560	PPM	DRY	12.44
MERCURY	3.0	PPM E	DRY	7.32

Oyster larvae toxicity AET.

BUTYL BENZYL PHTHALATE	650	PPB E	DRY	1.38 *
CADMIUM	15	PPM	DRY	1.56
TOTAL NITROGEN (NO3+NO3+NH4)	0.32	PCT	DRY	1.14
POLYCHLORINATED BIPHENYLS	2900	PPB E	DRY	2.64
RETENE	2200	PPB E	DRY	1.10 *
SILVER	4.6	PPM E	DRY	8.21 *
SULFIDES	560	PPM	DRY	12.44
P,P'-DDT	130	PPB LM	DRY	22.41 *
P,P'-DDE	16	PPB LM	DRY	19.05 *
MERCURY	3.0	PPM E	DRY	5.08

Survey: EBCHEM Station: EW-06

Date: 10/04/85 Sample ID: EW-06

Microtox bioassay AET.

1-METHYL PHENANTHRENE	420	PPB E	DRY	1.14
DIBENZO(A,H)ANTHRACENE	710	PPB E	DRY	3.09
ANTHRACENE	4200	PPB E	DRY	4.38
BENZO(A)ANTHRACENE	4300	PPB E	DRY	3.31
BENZO(A)PYRENE	3300	PPB E	DRY	2.06
BENZO(G,H,I)PERYLENE	1500	PPB E	DRY	2.24
BUTYL BENZYL PHTHALATE	72	PPB E	DRY	1.14
CHRYSENE	6100	PPB E	DRY	4.36
FLUORANTHENE	7800	PPB E	DRY	4.59
FLUORENE	730	PPB E	DRY	1.35
INDENO(1,2,3-CD)PYRENE	2000	PPB E	DRY	3.33
OIL AND GREASE	3300	PPM	DRY	3.00
POLYCHLORINATED BIPHENYLS	1500	PPB E	DRY	11.54
PHENANTHRENE	2000	PPB E	DRY	1.33
SILVER	2.1	PPM E	DRY	3.75 *
SULFIDES	740	PPM	DRY	16.44
TOTAL BENZOFLUORANTHENES (B + K)	6600	PPB E	DRY	2.06
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	37000	PPB E	DRY	3.08
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	7700	PPB E	DRY	1.48
PYRENE	5000	PPB E	DRY	1.92
MERCURY	0.79	PPM E	DRY	1.93

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	420	PPB E	DRY	1.14
DIBENZO(A,H)ANTHRACENE	710	PPB E	DRY	3.09
ANTHRACENE	4200	PPB E	DRY	4.38
BENZO(A)ANTHRACENE	4300	PPB E	DRY	2.69

BENZO(A)PYRENE	3300	PPB E	DRY	2.06
BENZO(G,H,I)PERYLENE	1500	PPB E	DRY	2.08
CHRYSENE	6100	PPB E	DRY	2.18
FLUORANTHENE	7800	PPB E	DRY	3.12
FLUORENE	730	PPB E	DRY	1.35
INDENO(1,2,3-CD)PYRENE	2000	PPB E	DRY	2.90
POLYCHLORINATED BIPHENYLS	1500	PPB E	DRY	1.36
PHENANTHRENE	2000	PPB E	DRY	1.33
PYRENE	5000	PPB E	DRY	1.52
SILVER	2.1	PPM E	DRY	3.75 *
SULFIDES	740	PPM	DRY	16.44
TOTAL BENZOFLUORANTHENES (B + K)	6600	PPB E	DRY	1.83
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	37000	PPB E	DRY	2.18
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	7700	PPB E	DRY	1.48
MERCURY	0.79	PPM E	DRY	1.34

Survey: EBCHEM Station: EW-07

=====

Date: 10/14/85 Sample ID: EW-07

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1400	PPB	DRY	1.08
BUTYL BENZYL PHTHALATE	1800	PPB	DRY	28.57
CHRYSENE	2900	PPB	DRY	2.07
FLUORANTHENE	2800	PPB	DRY	1.65
OIL AND GREASE	1500	PPM	DRY	1.36
POLYCHLORINATED BIPHENYLS	370	PPB E	DRY	2.85
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	220	PPM	DRY	4.89
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	14000	PPB E	DRY	1.17
PYRENE	2800	PPB	DRY	1.08
MERCURY	0.42	PPM E	DRY	1.02

Oyster larvae toxicity AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	3.83 *
CHRYSENE	2900	PPB	DRY	1.04
FLUORANTHENE	2800	PPB	DRY	1.12
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	220	PPM	DRY	4.89

Survey: EBCHEM Station: EW-08

=====

Date: 10/14/85 Sample ID: EW-08

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	28.57
OIL AND GREASE	2000	PPM	DRY	1.82

POLYCHLORINATED BIPHENYLS	540	PPB E	DRY	4.15
SILVER	2.1	PPM E	DRY	3.75 *
SULFIDES	300	PPM	DRY	6.67
MERCURY	0.59	PPM E	DRY	1.44

Oyster larvae toxicity AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	3.33 *
SILVER	2.1	PPM E	DRY	3.75 *
SULFIDES	300	PPM	DRY	6.67

Survey: EBCHEM Station: EW-09

Date: 10/14/85 Sample ID: EW-09

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	28.57
CHRYSENE	1600	PPB	DRY	1.14
FLUORANTHENE	2200	PPB	DRY	1.29
OIL AND GREASE	2400	PPM	DRY	2.18
POLYCHLORINATED BIPHENYLS	530	PPB E	DRY	4.08
SILVER	1.0	PPM E	DRY	1.79 *
SULFIDES	330	PPM	DRY	7.33
MERCURY	0.57	PPM E	DRY	1.39

Oyster larvae toxicity AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	3.83 *
SILVER	1.0	PPM E	DRY	1.79 *
SULFIDES	330	PPM	DRY	7.33

Survey: EBCHEM Station: EW-10

Date: 10/14/85 Sample ID: EW-10

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	340	PPB E	DRY	5.40
OIL AND GREASE	1500	PPM	DRY	1.36
POLYCHLORINATED BIPHENYLS	500	PPB E	DRY	3.85
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	250	PPM	DRY	5.56
MERCURY	0.53	PPM E	DRY	1.29

Oyster larvae toxicity AET.

SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	250	PPM	DRY	5.56

Survey: EBCHEM Station: EW-11

=====

Date: 10/14/85 Sample ID: EW-11

Microtox bioassay AET.

ANTHRACENE	1000	PPB E	DRY	1.04
BENZO(A)ANTHRACENE	2600	PPB	DRY	2.00
BUTYL BENZYL PHTHALATE	760	PPB E	DRY	12.06
CHRYSENE	4100	PPB	DRY	2.93
FLUORANTHENE	4900	PPB	DRY	2.88
INDENO(1,2,3-CD)PYRENE	690	PPB E	DRY	1.15
OIL AND GREASE	2700	PPM	DRY	2.45
POLYCHLORINATED BIPHENYLS	950	PPB E	DRY	7.31
SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	450	PPM	DRY	10.00
TOTAL BENZOFLUORANTHENES (B + K)	6200	PPB	DRY	1.94
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	26000	PPB E	DRY	2.17
PYRENE	5300	PPB	DRY	2.04
MERCURY	0.78	PPM E	DRY	1.90

Oyster larvae toxicity AET.

ANTHRACENE	1000	PPB E	DRY	1.04
BENZO(A)ANTHRACENE	2600	PPB	DRY	1.63
BUTYL BENZYL PHTHALATE	760	PPB E	DRY	1.62 *
CHRYSENE	4100	PPB	DRY	1.46
FLUORANTHENE	4900	PPB	DRY	1.96
PYRENE	5300	PPB	DRY	1.61
SILVER	1.3	PPM E	DRY	2.32 *
SULFIDES	450	PPM	DRY	10.00
TOTAL BENZOFLUORANTHENES (B + K)	6200	PPB	DRY	1.72
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	26000	PPB E	DRY	1.53
MERCURY	0.78	PPM E	DRY	1.32

Survey: EBCHEM Station: EW-12

=====

Date: 10/15/85 Sample ID: EW-12

Microtox bioassay AET.

BENZYL ALCOHOL	870	PPB E	DRY	15.26
CHRYSENE	1600	PPB	DRY	1.14
POLYCHLORINATED BIPHENYLS	140	PPB E	DRY	1.08
SILVER	0.75	PPM E	DRY	1.34 *
SULFIDES	180	PPM	DRY	4.00

Oyster larvae toxicity AET.

BENZYL ALCOHOL	870	PPB E	DRY	11.92
----------------	-----	-------	-----	-------

SILVER	0.75	PPM E	DRY	1.34 *
SULFIDES	180	PPM	DRY	4.00

Survey: EBCHEM Station: EW-13

=====

Date: 10/15/85 Sample ID: EW-13

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	69	PPB E	DRY	1.10
POLYCHLORINATED BIPHENYLS	450	PPB E	DRY	3.46
SILVER	1.1	PPM E	DRY	1.96 *
SULFIDES	100	PPM	DRY	2.22

Oyster larvae toxicity AET.

SILVER	1.1	PPM E	DRY	1.96 *
SULFIDES	100	PPM	DRY	2.22
P,P'-DDT	34	PPB	DRY	5.86 *

Survey: EBCHEM Station: EW-14

=====

Date: 10/15/85 Sample ID: EW-14

Microtox bioassay AET.

1-METHYL PHENANTHRENE	1300	PPB E	DRY	3.51
DIBENZO(A,H)ANTHRACENE	540	PPB E	DRY	2.35
2-METHYL PHENANTHRENE	1500	PPB E	DRY	3.06
ACENAPHTHYLENE	1300	PPB X	DRY	2.32 *
ANTHRACENE	4400	PPB	DRY	4.58
BENZO(A)ANTHRACENE	5100	PPB	DRY	3.92
BENZO(A)PYRENE	3000	PPB E	DRY	1.88
BENZO(G,H,I)PERYLENE	1400	PPB E	DRY	2.09
BUTYL BENZYL PHTHALATE	170	PPB E	DRY	2.70
CHRYSENE	9200	PPB	DRY	6.57
DIBENZOTHIOPHENE	340	PPB E	DRY	1.36
FLUORANTHENE	24000	PPB	DRY	14.12
FLUORENE	1000	PPB E	DRY	1.85
INDENO(1,2,3-CD)PYRENE	1600	PPB E	DRY	2.67
POLYCHLORINATED BIPHENYLS	340	PPB E	DRY	2.62
PHENANTHRENE	5400	PPB	DRY	3.60
SILVER	1.4	PPM E	DRY	2.50 *
SULFIDES	170	PPM	DRY	3.78
TOTAL BENZOFLUORANTHENES (B + K)	7800	PPB	DRY	2.44
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	69000	PPB E	DRY	5.75
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	13000	PPB E	DRY	2.50
PYRENE	16000	PPB	DRY	6.15
MERCURY	0.57	PPM E	DRY	1.39

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	1300	PPB E	DRY	3.51
DIBENZO(A,H)ANTHRACENE	540	PPB E	DRY	2.35
2-METHYL PHENANTHRENE	1500	PPB E	DRY	3.19
ACENAPHTHYLENE	1300	PPB X	DRY	2.32 *
ANTHRACENE	4400	PPB	DRY	4.58
BENZO(A)ANTHRACENE	5100	PPB	DRY	3.19
BENZO(A)PYRENE	3000	PPB E	DRY	1.88
BENZO(G,H,I)PERYLENE	1400	PPB E	DRY	1.94
CHRYSENE	9200	PPB	DRY	3.29
DIBENZOTHIOPHENE	340	PPB E	DRY	1.42
FLUORANTHENE	24000	PPB	DRY	9.60
FLUORENE	1000	PPB E	DRY	1.85
INDENO(1,2,3-CD)PYRENE	1600	PPB E	DRY	2.32
PHENANTHRENE	5400	PPB	DRY	3.60
PYRENE	16000	PPB	DRY	4.85
SILVER	1.4	PPM E	DRY	2.50 *
SULFIDES	170	PPM	DRY	3.78
TOTAL BENZOFLUORANTHENES (B + K)	7800	PPB	DRY	2.17
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	69000	PPB E	DRY	4.06
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	13000	PPB E	DRY	2.50

Survey: EBCHEM Station: EW-15

=====

Date: 10/15/85 Sample ID: EW-15

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	160	PPB E	DRY	2.54
CHRYSENE	1900	PPB	DRY	1.36
INDENO(1,2,3-CD)PYRENE	610	PPB E	DRY	1.02
OIL AND GREASE	1200	PPM	DRY	1.09
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	280	PPM	DRY	6.22
MERCURY	0.49	PPM E	DRY	1.20

Oyster larvae toxicity AET.

SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	280	PPM	DRY	6.22

Survey: EBCHEM Station: EW-16

=====

Date: 10/15/85 Sample ID: EW-16

Microtox bioassay AET.

PENTACHLOROPHENOL	690	PPB E	DRY	4.93 *
BUTYL BENZYL PHTHALATE	67	PPB E	DRY	1.06

Oyster larvae toxicity AET.

PENTACHLOROPHENOL

690 PPB E DRY 4.93 *

Survey: EBCHEM Station: KG-01

Date: 09/25/85 Sample ID: KG-01

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1400	PPB E	DRY	1.08
BUTYL BENZYL PHTHALATE	88	PPB E	DRY	1.40
CHRYSENE	1900	PPB E	DRY	1.36
FLUORANTHENE	3600	PPB E	DRY	2.12
INDENO(1,2,3-CD)PYRENE	700	PPB E	DRY	1.17
OIL AND GREASE	2000	PPM	DRY	1.82
POLYCHLORINATED BIPHENYLS	490	PPB E	DRY	3.77
SILVER	1.5	PPM E	DRY	2.68 *
SULFIDES	96	PPM	DRY	2.13
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	15000	PPB E	DRY	1.25
PYRENE	3400	PPB E	DRY	1.31
MERCURY	0.48	PPM E	DRY	1.17

Oyster larvae toxicity AET.

FLUORANTHENE	3600	PPB E	DRY	1.44
INDENO(1,2,3-CD)PYRENE	700	PPB E	DRY	1.01
PYRENE	3400	PPB E	DRY	1.03
SILVER	1.5	PPM E	DRY	2.68 *
SULFIDES	96	PPM	DRY	2.13

Survey: EBCHEM Station: KG-02

Date: 10/09/85 Sample ID: KG-02

Microtox bioassay AET.

SILVER	1.1	PPM E	DRY	1.96 *
--------	-----	-------	-----	--------

Oyster larvae toxicity AET.

SILVER	1.1	PPM E	DRY	1.96 *
--------	-----	-------	-----	--------

Survey: EBCHEM Station: KG-03

Date: 09/25/85 Sample ID: KG-03

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	66	PPB E	DRY	1.05
OIL AND GREASE	1200	PPM	DRY	1.09
POLYCHLORINATED BIPHENYLS	300	PPB E	DRY	2.31
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	170	PPM	DRY	3.78

Oyster larvae toxicity AET.

SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	170	PPM	DRY	3.78

Survey: EBCHEM Station: KG-04

Date: 10/09/85 Sample ID: KG-04

Microtox bioassay AET.

SULFIDES	110	PPM	DRY	2.44
----------	-----	-----	-----	------

Oyster larvae toxicity AET.

SULFIDES	110	PPM	DRY	2.44
----------	-----	-----	-----	------

Survey: EBCHEM Station: KG-05

Date: 09/30/85 Sample ID: KG-05

Microtox bioassay AET.

OIL AND GREASE	2800	PPM	DRY	2.55
POLYCHLORINATED BIPHENYLS	180	PPB E	DRY	1.38
SILVER	1.1	PPM E	DRY	1.96 *
SULFIDES	170	PPM	DRY	3.78
MERCURY	1.6	PPM E	DRY	3.90

Oyster larvae toxicity AET.

SILVER	1.1	PPM E	DRY	1.96 *
SULFIDES	170	PPM	DRY	3.78
MERCURY	1.6	PPM E	DRY	2.71

Survey: EBCHEM Station: KG-06

Date: 09/30/85 Sample ID: KG-06

Microtox bioassay AET.

2-METHYLNAPHTHALENE	1900	PPB	DRY	2.84
BUTYL BENZYL PHTHALATE	690	PPB E	DRY	10.95
OIL AND GREASE	1300	PPM	DRY	1.18
POLYCHLORINATED BIPHENYLS	3100	PPB E	DRY	23.85
SILVER	2.0	PPM E	DRY	3.57 *
SULFIDES	240	PPM	DRY	5.33
MERCURY	0.46	PPM E	DRY	1.12

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	1900	PPB	DRY	2.84
BUTYL BENZYL PHTHALATE	690	PPB E	DRY	1.47 *
POLYCHLORINATED BIPHENYLS	3100	PPB E	DRY	2.82
SILVER	2.0	PPM E	DRY	3.57 *
SULFIDES	240	PPM	DRY	5.33
P,P'-DDT	270	PPB E	DRY	46.55 *

Survey: EBCHEM Station: KG-07

Date: 09/30/85 Sample ID: KG-07

Microtox bioassay AET.

CHRYSENE	1900	PPB	DRY	1.36
FLUORANTHENE	2300	PPB	DRY	1.35
PHENANTHRENE	1800	PPB	DRY	1.20
SULFIDES	160	PPM	DRY	3.56

Oyster larvae toxicity AET.

PHENANTHRENE	1800	PPB	DRY	1.20
SULFIDES	160	PPM	DRY	3.56

Survey: EBCHEM Station: KG-08

Date: 10/01/85 Sample ID: KG-08

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	190	PPB E	DRY	1.46
SULFIDES	68	PPM	DRY	1.51

Oyster larvae toxicity AET.

SULFIDES	68	PPM	DRY	1.51
----------	----	-----	-----	------

Survey: EBCHEM Station: KG-09

=====

Date: 10/01/85 Sample ID: KG-09

Microtox bioassay AET.

4-METHYL PHENOL	1500	PPB E	DRY	2.24
POLYCHLORINATED BIPHENYLS	280	PPB E	DRY	2.15
SILVER	0.79	PPM E	DRY	1.41 *
SULFIDES	210	PPM	DRY	4.67

Oyster larvae toxicity AET.

4-METHYL PHENOL	1500	PPB E	DRY	2.24
SILVER	0.79	PPM E	DRY	1.41 *
SULFIDES	210	PPM	DRY	4.67

Survey: EBCHEM Station: KG-10

=====

Date: 10/08/85 Sample ID: KG-10

Microtox bioassay AET.

2-METHYLNAPHTHALENE	880	PPB E	DRY	1.31
BENZOIC ACID	6300	PPB	DRY	9.69
RETENE	10000	PPB E	DRY	5.00 *

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	880	PPB E	DRY	1.31
BENZOIC ACID	6300	PPB	DRY	9.69
RETENE	10000	PPB E	DRY	5.00 *

Survey: EBCHEM Station: KG-11

=====

Date: 10/01/85 Sample ID: KG-11

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	180	PPB E	DRY	1.38
SULFIDES	59	PPM	DRY	1.31

Oyster larvae toxicity AET.

SULFIDES	59	PPM	DRY	1.31
----------	----	-----	-----	------

Survey: EBCHEM Station: NH-01

=====

Date: 10/15/85 Sample ID: NH-01

Microtox bioassay AET.

CHRYSENE	2400	PPB	DRY	1.71
FLUORANTHENE	1800	PPB	DRY	1.06
INDENO(1,2,3-CD)PYRENE	660	PPB E	DRY	1.10
POLYCHLORINATED BIPHENYLS	160	PPB E	DRY	1.23
SULFIDES	100	PPM	DRY	2.22
TOTAL BENZOFLUORANTHENES (B + K)	4500	PPB	DRY	1.41
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	15000	PPB E	DRY	1.25

Oyster larvae toxicity AET.

SULFIDES	100	PPM	DRY	2.22
TOTAL BENZOFLUORANTHENES (B + K)	4500	PPB	DRY	1.25

Survey: EBCHEM Station: NH-02

=====

Date: 10/15/85 Sample ID: NH-02

Microtox bioassay AET.

CHRYSENE	2200	PPB	DRY	1.57
POLYCHLORINATED BIPHENYLS	190	PPB E	DRY	1.46
SULFIDES	180	PPM	DRY	4.00
MERCURY	0.56	PPM E	DRY	1.37

Oyster larvae toxicity AET.

SULFIDES	180	PPM	DRY	4.00
----------	-----	-----	-----	------

Survey: EBCHEM Station: NH-03

=====

Date: 10/16/85 Sample ID: NH-03

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	2900	PPB E	DRY	12.61
ACENAPHTHENE	590	PPB E	DRY	1.18
ANTHRACENE	1900	PPB E	DRY	1.98
BENZO(A)ANTHRACENE	3300	PPB E	DRY	2.54
BENZO(A)PYRENE	3800	PPB E	DRY	2.38
BENZO(G,H,I)PERYLENE	4900	PPB E	DRY	7.31
BUTYL BENZYL PHTHALATE	68	PPB E	DRY	1.08
CHRYSENE	4300	PPB E	DRY	3.07
FLUORANTHENE	4400	PPB E	DRY	2.59

FLUORENE	920	PPB E	DRY	1.70
INDENO(1,2,3-CD)PYRENE	5800	PPB E	DRY	9.67
OIL AND GREASE	4100	PPM	DRY	3.73
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	25.38
PHENANTHRENE	3700	PPB E	DRY	2.47
SILVER	1.0	PPM E	DRY	1.79 *
SULFIDES	870	PPM	DRY	19.33
TOTAL BENZOFLUORANTHENES (B + K)	12000	PPB E	DRY	3.75
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	51000	PPB E	DRY	4.25
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8200	PPB E	DRY	1.58
PYRENE	9200	PPB E	DRY	3.54
COPPER	2100	PPM	DRY	5.38
LEAD	550	PPM	DRY	1.04
MERCURY	11	PPM E	DRY	26.83

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	2900	PPB E	DRY	12.61
ACENAPHTHENE	590	PPB E	DRY	1.18
ANTHRACENE	1900	PPB E	DRY	1.98
BENZO(A)ANTHRACENE	3300	PPB E	DRY	2.06
BENZO(A)PYRENE	3800	PPB E	DRY	2.38
BENZO(G,H,I)PERYLENE	4900	PPB E	DRY	6.81
CHRYSENE	4300	PPB E	DRY	1.54
FLUORANTHENE	4400	PPB E	DRY	1.76
FLUORENE	920	PPB E	DRY	1.70
INDENO(1,2,3-CD)PYRENE	5800	PPB E	DRY	8.41
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	3.00
PHENANTHRENE	3700	PPB E	DRY	2.47
PYRENE	9200	PPB E	DRY	2.79
SILVER	1.0	PPM E	DRY	1.79 *
SULFIDES	870	PPM	DRY	19.33
TOTAL BENZOFLUORANTHENES (B + K)	12000	PPB E	DRY	3.33
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	51000	PPB E	DRY	3.00
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8200	PPB E	DRY	1.58
P,P'-DDD	120	PPB	DRY	60.00 *
COPPER	2100	PPM	DRY	5.38
MERCURY	11	PPM E	DRY	18.64

Survey: EBCHEM Station: NH-04

=====

Date: 10/15/85 Sample ID: NH-04

Microtox bioassay AET.

2-METHYLPHENOL	240	PPB E	DRY	3.33 *
2,4-DIMETHYL PHENOL	39	PPB E	DRY	1.34
DIBENZO(A,H)ANTHRACENE	720	PPB E	DRY	3.13
4-METHYL PHENOL	1000	PPB E	DRY	1.49
PENTACHLOROPHENOL	6000	PPB X	DRY	42.86 *
ACENAPHTHENE	670	PPB E	DRY	1.34
ANTHRACENE	1500	PPB E	DRY	1.56
BENZO(A)ANTHRACENE	1800	PPB	DRY	1.38

BENZO(A)PYRENE	1800	PPB E	DRY	1.13
BENZO(G,H,I)PERYLENE	1500	PPB E	DRY	2.24
CHRYSENE	1900	PPB	DRY	1.36
FLUORANTHENE	6700	PPB E	DRY	3.94
FLUORENE	920	PPB E	DRY	1.70
INDENO(1,2,3-CD)PYRENE	1800	PPB E	DRY	3.00
OIL AND GREASE	1500	PPM	DRY	1.36
POLYCHLORINATED BIPHENYLS	160	PPB E	DRY	1.23
PHENANTHRENE	3400	PPB	DRY	2.27
SILVER	0.93	PPM E	DRY	1.66 *
SULFIDES	380	PPM	DRY	8.44
TOTAL BENZOFLUORANTHENES (B + K)	4200	PPB	DRY	1.31
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	25000	PPB E	DRY	2.08
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	7600	PPB E	DRY	1.46
PYRENE	4300	PPB	DRY	1.65
COPPER	1800	PPM	DRY	4.62
MERCURY	0.87	PPM E	DRY	2.12

Oyster larvae toxicity AET.

2-METHYLPHENOL	240	PPB E	DRY	3.81
2,4-DIMETHYL PHENOL	39	PPB E	DRY	1.34
DIBENZO(A,H)ANTHRACENE	720	PPB E	DRY	3.13
4-METHYL PHENOL	1000	PPB E	DRY	1.49
PENTACHLOROPHENOL	6000	PPB X	DRY	42.86 *
ACENAPHTHENE	670	PPB E	DRY	1.34
ANTHRACENE	1500	PPB E	DRY	1.56
BENZO(A)ANTHRACENE	1800	PPB	DRY	1.13
BENZO(A)PYRENE	1800	PPB E	DRY	1.13
BENZO(G,H,I)PERYLENE	1500	PPB E	DRY	2.08
FLUORANTHENE	6700	PPB E	DRY	2.68
FLUORENE	920	PPB E	DRY	1.70
INDENO(1,2,3-CD)PYRENE	1800	PPB E	DRY	2.61
PHENANTHRENE	3400	PPB	DRY	2.27
PYRENE	4300	PPB	DRY	1.30
SILVER	0.93	PPM E	DRY	1.66 *
SULFIDES	380	PPM	DRY	8.44
TOTAL BENZOFLUORANTHENES (B + K)	4200	PPB	DRY	1.17
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	25000	PPB E	DRY	1.47
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	7600	PPB E	DRY	1.46
COPPER	1800	PPM	DRY	4.62
MERCURY	0.87	PPM E	DRY	1.47

Survey: EBCHEM Station: NH-05

Date: 10/15/85 Sample ID: NH-05

Microtox bioassay AET.

ACENAPHTHENE	870	PPB E	DRY	1.74
ANTHRACENE	1800	PPB E	DRY	1.88
DIBENZOFURAN	570	PPB E	DRY	1.06
FLUORANTHENE	2300	PPB E	DRY	1.35

FLUORENE	970	PPB E	DRY	1.80
INDENO(1,2,3-CD)PYRENE	610	PPB E	DRY	1.02
NAPHTHALENE	2600	PPB	DRY	1.24
POLYCHLORINATED BIPHENYLS	500	PPB E	DRY	3.85
PHENANTHRENE	2000	PPB	DRY	1.33
SULFIDES	210	PPM	DRY	4.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8500	PPB E	DRY	1.63
MERCURY	0.43	PPM E	DRY	1.05

Oyster larvae toxicity AET.

ACENAPHTHENE	870	PPB E	DRY	1.74
ANTHRACENE	1800	PPB E	DRY	1.88
DIBENZOFURAN	570	PPB E	DRY	1.06
FLUORENE	970	PPB E	DRY	1.80
NAPHTHALENE	2600	PPB	DRY	1.24
PHENANTHRENE	2000	PPB	DRY	1.33
SULFIDES	210	PPM	DRY	4.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8500	PPB E	DRY	1.63

Survey: EBCHEM Station: NH-06

Date: 10/16/85 Sample ID: NH-06

Microtox bioassay AET.

1-METHYL PHENANTHRENE	1400	PPB E	DRY	3.78
2-METHYLNAPHTHALENE	2900	PPB E	DRY	4.33
DIBENZO(A,H)ANTHRACENE	3600	PPB E	DRY	15.65
2-METHYL PHENANTHRENE	1200	PPB E	DRY	2.45
ACENAPHTHENE	5100	PPB E	DRY	10.20
ACENAPHTHYLENE	730	PPB E	DRY	1.30 *
ANTHRACENE	10000	PPB E	DRY	10.42
BENZO(A)ANTHRACENE	9400	PPB E	DRY	7.23
BENZO(A)PYRENE	7400	PPB E	DRY	4.63
BENZO(G,H,I)PERYLENE	4300	PPB E	DRY	6.42
BIPHENYL	1800	PPB E	DRY	6.67
CHRYSENE	16000	PPB E	DRY	11.43
DIBENZOFURAN	3200	PPB E	DRY	5.93
DIBENZOTHIOPHENE	610	PPB E	DRY	2.44
FLUORANTHENE	27000	PPB E	DRY	15.88
FLUORENE	6000	PPB E	DRY	11.11
INDENO(1,2,3-CD)PYRENE	6400	PPB E	DRY	10.67
NAPHTHALENE	15000	PPB E	DRY	7.14
OIL AND GREASE	1900	PPM	DRY	1.73
POLYCHLORINATED BIPHENYLS	600	PPB E	DRY	4.62
PHENANTHRENE	20000	PPB E	DRY	13.33
SILVER	0.82	PPM E	DRY	1.46 *
SULFIDES	510	PPM	DRY	11.33
TOTAL BENZOFLUORANTHENES (B + K)	26000	PPB E	DRY	8.13
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	130000	PPB E	DRY	10.83
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	57000	PPB E	DRY	10.96
PYRENE	28000	PPB E	DRY	10.77

MERCURY 0.68 PPM E DRY 1.66

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	1400	PPB E	DRY	3.78
2-METHYLNAPHTHALENE	2900	PPB E	DRY	4.33
DIBENZO(A,H)ANTHRACENE	3600	PPB E	DRY	15.65
2-METHYL PHENANTHRENE	1200	PPB E	DRY	2.55
ACENAPHTHENE	5100	PPB E	DRY	10.20
ACENAPHTHYLENE	730	PPB E	DRY	1.30 *
ANTHRACENE	10000	PPB E	DRY	10.42
BENZO(A)ANTHRACENE	9400	PPB E	DRY	5.87
BENZO(A)PYRENE	7400	PPB E	DRY	4.63
BENZO(G,H,I)PERYLENE	4300	PPB E	DRY	5.97
BIPHENYL	1800	PPB E	DRY	6.92
CHRYSENE	16000	PPB E	DRY	5.71
DIBENZOFURAN	3200	PPB E	DRY	5.93
DIBENZOTHIOPHENE	610	PPB E	DRY	2.54
FLUORANTHENE	27000	PPB E	DRY	10.80
FLUORENE	6000	PPB E	DRY	11.11
INDENO(1,2,3-CD)PYRENE	6400	PPB E	DRY	9.28
NAPHTHALENE	15000	PPB E	DRY	7.14
PHENANTHRENE	20000	PPB E	DRY	13.33
PYRENE	28000	PPB E	DRY	8.48
SILVER	0.82	PPM E	DRY	1.46 *
SULFIDES	510	PPM	DRY	11.33
TOTAL BENZOFLUORANTHENES (B + K)	26000	PPB E	DRY	7.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	130000	PPB E	DRY	7.65
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	57000	PPB E	DRY	10.96
MERCURY	0.68	PPM E	DRY	1.15

Survey: EBCHEM Station: NH-08

Date: 10/16/85 Sample ID: NH-08

Microtox bioassay AET.

1-METHYL PHENANTHRENE	900	PPB E	DRY	2.43
2-METHYLNAPHTHALENE	2400	PPB E	DRY	3.58
DIBENZO(A,H)ANTHRACENE	2500	PPB E	DRY	10.87
2-METHYL PHENANTHRENE	870	PPB E	DRY	1.78
ACENAPHTHENE	5300	PPB E	DRY	10.60
ACENAPHTHYLENE	600	PPB E	DRY	1.07 *
ANTHRACENE	7100	PPB E	DRY	7.40
BENZO(A)ANTHRACENE	8300	PPB E	DRY	6.38
BENZO(A)PYRENE	5400	PPB E	DRY	3.38
BENZO(G,H,I)PERYLENE	3100	PPB E	DRY	4.63
BIPHENYL	1600	PPB E	DRY	5.93
CHRYSENE	11000	PPB E	DRY	7.86
DIBENZOFURAN	2600	PPB E	DRY	4.81
DIBENZOTHIOPHENE	760	PPB E	DRY	3.04
FLUORANTHENE	4400	PPB E	DRY	2.59
FLUORENE	4700	PPB E	DRY	8.70

INDENO(1,2,3-CD)PYRENE	4200	PPB E	DRY	7.00
NAPHTHALENE	6600	PPB E	DRY	3.14
OIL AND GREASE	2000	PPM	DRY	1.82
POLYCHLORINATED BIPHENYLS	1300	PPB E	DRY	10.00
PHENANTHRENE	13000	PPB E	DRY	8.67
SULFIDES	220	PPM	DRY	4.89
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB E	DRY	6.56
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	79000	PPB E	DRY	6.58
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	37000	PPB E	DRY	7.12
PYRENE	19000	PPB E	DRY	7.31

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	900	PPB E	DRY	2.43
2-METHYLNAPHTHALENE	2400	PPB E	DRY	3.58
DIBENZO(A,H)ANTHRACENE	2500	PPB E	DRY	10.87
2-METHYL PHENANTHRENE	870	PPB E	DRY	1.85
ACENAPHTHENE	5300	PPB E	DRY	10.60
ACENAPHTHYLENE	600	PPB E	DRY	1.07 *
ANTHRACENE	7100	PPB E	DRY	7.40
BENZO(A)ANTHRACENE	8300	PPB E	DRY	5.19
BENZO(A)PYRENE	5400	PPB E	DRY	3.38
BENZO(G,H,I)PERYLENE	3100	PPB E	DRY	4.31
BIPHENYL	1600	PPB E	DRY	6.15
CHRYSENE	11000	PPB E	DRY	3.93
DIBENZOFURAN	2600	PPB E	DRY	4.81
DIBENZOTHIOPHENE	760	PPB E	DRY	3.17
FLUORANTHENE	4400	PPB E	DRY	1.76
FLUORENE	4700	PPB E	DRY	8.70
INDENO(1,2,3-CD)PYRENE	4200	PPB E	DRY	6.09
NAPHTHALENE	6600	PPB E	DRY	3.14
POLYCHLORINATED BIPHENYLS	1300	PPB E	DRY	1.18
PHENANTHRENE	13000	PPB E	DRY	8.67
PYRENE	19000	PPB E	DRY	5.76
SULFIDES	220	PPM	DRY	4.89
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB E	DRY	5.83
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	79000	PPB E	DRY	4.65
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	37000	PPB E	DRY	7.12

Survey: EBCHEM Station: NH-09

=====

Date: 10/16/85 Sample ID: NH-09

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	280	PPB E	DRY	2.15
SULFIDES	55	PPM	DRY	1.22

Oyster larvae toxicity AET.

SULFIDES	55	PPM	DRY	1.22
----------	----	-----	-----	------

Survey: EBCHEM Station: NH-10

=====

Date: 10/08/85 Sample ID: NH-10

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 160 PPB E DRY 1.23

Oyster larvae toxicity AET.

ALDRIN (PESTICIDE) 90 PPB E DRY 204.55 *

Survey: EBCHEM Station: NH-11

=====

Date: 10/15/85 Sample ID: NH-11

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 300 PPB E DRY 2.31

Survey: EBCHEM Station: NS-01

=====

Date: 10/08/85 Sample ID: NS-01

Microtox bioassay AET.

SILVER 8.3 PPM E DRY 14.82 *
SULFIDES 80 PPM DRY 1.78

Oyster larvae toxicity AET.

SILVER 8.3 PPM E DRY 14.82 *
SULFIDES 80 PPM DRY 1.78

Survey: EBCHEM Station: NS-02

=====

Date: 09/27/85 Sample ID: NS-02

Microtox bioassay AET.

PHENANTHRENE 2400 PPB DRY 1.60
SILVER 1.4 PPM E DRY 2.50 *
SULFIDES 150 PPM DRY 3.33
MERCURY 0.44 PPM E DRY 1.07

Oyster larvae toxicity AET.

PHENANTHRENE	2400	PPB	DRY	1.60
SILVER	1.4	PPM E	DRY	2.50 *
SULFIDES	150	PPM	DRY	3.33

Survey: EBCHEM Station: NS-03
=====Date: 10/04/85 Sample ID: NS-03
-----Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	75	PPB X	DRY	1.19
POLYCHLORINATED BIPHENYLS	310	PPB E	DRY	2.38
SILVER	0.94	PPM E	DRY	1.68 *
SULFIDES	48	PPM	DRY	1.07

Oyster larvae toxicity AET.

SILVER	0.94	PPM E	DRY	1.68 *
SULFIDES	48	PPM	DRY	1.07

Survey: EBCHEM Station: NS-04
=====Date: 10/08/85 Sample ID: NS-04
-----Microtox bioassay AET.

4-METHYL PHENOL	1300	PPB E	DRY	1.94
PENTACHLOROPHENOL	330	PPB E	DRY	2.36 *
SULFIDES	68	PPM	DRY	1.51

Oyster larvae toxicity AET.

4-METHYL PHENOL	1300	PPB E	DRY	1.94
PENTACHLOROPHENOL	330	PPB E	DRY	2.36 *
SULFIDES	68	PPM	DRY	1.51

Survey: EBCHEM Station: NS-05
=====Date: 10/04/85 Sample ID: NS-05
-----Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	200	PPB E	DRY	1.54
SILVER	0.6	PPM E	DRY	1.07 *

Oyster larvae toxicity AET.

SILVER

0.6 PPM E DRY 1.07 *

Survey: EBCHEM Station: NS-06

Date: 09/27/85 Sample ID: NS-06

Microtox bioassay AET.

SULFIDES

100 PPM DRY 2.22

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE

9900 PPB X DRY 23.57 *

SULFIDES

100 PPM DRY 2.22

Survey: EBCHEM Station: NS-07

Date: 10/04/85 Sample ID: NS-07

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE

950 PPB E DRY 4.13

2-METHYL PHENANTHRENE

550 PPB E DRY 1.12

ANTHRACENE

1100 PPB E DRY 1.15

BENZO(A)ANTHRACENE

3500 PPB E DRY 2.69

BENZO(A)PYRENE

2600 PPB E DRY 1.63

BENZO(G,H,I)PERYLENE

1700 PPB E DRY 2.54

CHRYSENE

3400 PPB E DRY 2.43

FLUORANTHENE

12000 PPB E DRY 7.06

INDENO(1,2,3-CD)PYRENE

2300 PPB E DRY 3.83

POLYCHLORINATED BIPHENYLS

330 PPB E DRY 2.54

PHENANTHRENE

2300 PPB E DRY 1.53

TOTAL BENZOFLUORANTHENES (B + K)

5700 PPB E DRY 1.78

POLYCYCLIC AROMATIC HYDROCARBON-HEAVY

40000 PPB E DRY 3.33

PYRENE

8300 PPB E DRY 3.19

MERCURY

0.66 PPM E DRY 1.61

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE

950 PPB E DRY 4.13

2-METHYL PHENANTHRENE

550 PPB E DRY 1.17

ANTHRACENE

1100 PPB E DRY 1.15

BENZO(A)ANTHRACENE

3500 PPB E DRY 2.19

BENZO(A)PYRENE

2600 PPB E DRY 1.63

BENZO(G,H,I)PERYLENE

1700 PPB E DRY 2.36

CHRYSENE

3400 PPB E DRY 1.21

FLUORANTHENE

12000 PPB E DRY 4.80

INDENO(1,2,3-CD)PYRENE

2300 PPB E DRY 3.33

PHENANTHRENE	2300	PPB E	DRY	1.53
PYRENE	8300	PPB E	DRY	2.52
TOTAL BENZOFLUORANTHENES (B + K)	5700	PPB E	DRY	1.58
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	40000	PPB E	DRY	2.35
MERCURY	0.66	PPM E	DRY	1.12

Survey: EBCHEM Station: NS-08

=====

Date: 09/26/85 Sample ID: NS-08

Microtox bioassay AET.

1-METHYL PHENANTHRENE	390	PPB E	DRY	1.05
DIBENZO(A,H)ANTHRACENE	310	PPB E	DRY	1.35
ANTHRACENE	1100	PPB	DRY	1.15
BENZO(G,H,I)PERYLENE	890	PPB E	DRY	1.33
BUTYL BENZYL PHTHALATE	200	PPB E	DRY	3.17
CHRYSENE	2000	PPB	DRY	1.43
FLUORANTHENE	2200	PPB	DRY	1.29
INDENO(1,2,3-CD)PYRENE	1100	PPB E	DRY	1.83
SULFIDES	300	PPM	DRY	6.67

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	390	PPB E	DRY	1.05
DIBENZO(A,H)ANTHRACENE	310	PPB E	DRY	1.35
ANTHRACENE	1100	PPB	DRY	1.15
BENZO(G,H,I)PERYLENE	890	PPB E	DRY	1.24
INDENO(1,2,3-CD)PYRENE	1100	PPB E	DRY	1.59
SULFIDES	300	PPM	DRY	6.67

Survey: EBCHEM Station: PS-05

=====

Date: 10/15/85 Sample ID: PS-05

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	390	PPB E	DRY	1.70
ANTHRACENE	1100	PPB	DRY	1.15
BENZO(A)ANTHRACENE	2500	PPB	DRY	1.92
BENZO(A)PYRENE	1900	PPB E	DRY	1.19
BENZO(G,H,I)PERYLENE	1300	PPB E	DRY	1.94
CHRYSENE	6000	PPB	DRY	4.29
FLUORANTHENE	5000	PPB	DRY	2.94
INDENO(1,2,3-CD)PYRENE	1000	PPB E	DRY	1.67
TOTAL BENZOFLUORANTHENES (B + K)	5200	PPB	DRY	1.63
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	28000	PPB E	DRY	2.33
PYRENE	4500	PPB	DRY	1.73

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	390	PPB E	DRY	1.70
ANTHRACENE	1100	PPB	DRY	1.15
BENZO(A)ANTHRACENE	2500	PPB	DRY	1.56
BENZO(A)PYRENE	1900	PPB E	DRY	1.19
BENZO(G,H,I)PERYLENE	1300	PPB E	DRY	1.81
CHRYSENE	6000	PPB	DRY	2.14
FLUORANTHENE	5000	PPB	DRY	2.00
INDENO(1,2,3-CD)PYRENE	1000	PPB E	DRY	1.45
PYRENE	4500	PPB	DRY	1.36
TOTAL BENZOFLUORANTHENES (B + K)	5200	PPB	DRY	1.44
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	28000	PPB E	DRY	1.65

Survey: EBCHEM Station: SS-03

=====

Date: 10/04/85 Sample ID: SS-03

Microtox bioassay AET.

1,4-DICHLOROBENZENE	380	PPB X	DRY	3.45
DIBENZO(A,H)ANTHRACENE	650	PPB E	DRY	2.83
ANTHRACENE	1200	PPB E	DRY	1.25
BENZO(A)ANTHRACENE	1700	PPB E	DRY	1.31
BENZO(A)PYRENE	1700	PPB E	DRY	1.06
BENZYL ALCOHOL	1300	PPB E	DRY	22.81
BENZO(G,H,I)PERYLENE	950	PPB E	DRY	1.42
CHRYSENE	2000	PPB E	DRY	1.43
DIMETHYL PHTHALATE	300	PPB E	DRY	4.23
FLUORANTHENE	2400	PPB E	DRY	1.41
FLUORENE	590	PPB E	DRY	1.09
INDENO(1,2,3-CD)PYRENE	1300	PPB E	DRY	2.17
OIL AND GREASE	2100	PPM	DRY	1.91
POLYCHLORINATED BIPHENYLS	570	PPB E	DRY	4.38
PHENANTHRENE	2400	PPB E	DRY	1.60
SILVER	2.7	PPM E	DRY	4.82 *
SULFIDES	340	PPM	DRY	7.56
TOTAL BENZOFLUORANTHENES (B + K)	3600	PPB E	DRY	1.13
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	17000	PPB E	DRY	1.42
COPPER	1000	PPM	DRY	2.56
LEAD	650	PPM	DRY	1.23
MERCURY	0.91	PPM E	DRY	2.22
ZINC	4800	PPM E	DRY	3.00

Oyster larvae toxicity AET.

1,4-DICHLOROBENZENE	380	PPB X	DRY	3.17
DIBENZO(A,H)ANTHRACENE	650	PPB E	DRY	2.83
ANTHRACENE	1200	PPB E	DRY	1.25
BENZO(A)ANTHRACENE	1700	PPB E	DRY	1.06
BENZO(A)PYRENE	1700	PPB E	DRY	1.06
BENZYL ALCOHOL	1300	PPB E	DRY	17.81
BENZO(G,H,I)PERYLENE	950	PPB E	DRY	1.32
DIMETHYL PHTHALATE	300	PPB E	DRY	1.88

FLUORENE	590	PPB E	DRY	1.09
INDENO(1,2,3-CD)PYRENE	1300	PPB E	DRY	1.88
PHENANTHRENE	2400	PPB E	DRY	1.60
SILVER	2.7	PPM E	DRY	4.82 *
SULFIDES	340	PPM	DRY	7.56
P,P'-DDD	29	PPB	DRY	14.50 *
COPPER	1000	PPM	DRY	2.56
MERCURY	0.91	PPM E	DRY	1.54
ZINC	4800	PPM E	DRY	3.00

Survey: EBCHEM Station: SS-04

=====

Date: 10/04/85 Sample ID: SS-04

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	1900	PPB E	DRY	8.26
ANTHRACENE	2800	PPB E	DRY	2.92
BENZO(A)ANTHRACENE	3000	PPB E	DRY	2.31
BENZO(A)PYRENE	3400	PPB E	DRY	2.13
BENZO(G,H,I)PERYLENE	3200	PPB E	DRY	4.78
BUTYL BENZYL PHTHALATE	970	PPB X	DRY	15.40
CHRYSENE	4100	PPB E	DRY	2.93
DIBENZOFURAN	560	PPB E	DRY	1.04
FLUORANTHENE	4700	PPB E	DRY	2.76
FLUORENE	840	PPB E	DRY	1.56
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	7.33
OIL AND GREASE	3500	PPM	DRY	3.18
POLYCHLORINATED BIPHENYLS	1600	PPB E	DRY	12.31
PHENANTHRENE	3000	PPB E	DRY	2.00
SILVER	3.0	PPM E	DRY	5.36 *
SULFIDES	580	PPM	DRY	12.89
TOTAL BENZOFLUORANTHENES (B + K)	7700	PPB E	DRY	2.41
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	38000	PPB E	DRY	3.17
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8900	PPB E	DRY	1.71
PYRENE	5900	PPB E	DRY	2.27
MERCURY	1.9	PPM E	DRY	4.63

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	1900	PPB E	DRY	8.26
ANTHRACENE	2800	PPB E	DRY	2.92
BENZO(A)ANTHRACENE	3000	PPB E	DRY	1.88
BENZO(A)PYRENE	3400	PPB E	DRY	2.13
BENZO(G,H,I)PERYLENE	3200	PPB E	DRY	4.44
BUTYL BENZYL PHTHALATE	970	PPB X	DRY	2.06 *
CHRYSENE	4100	PPB E	DRY	1.46
DIBENZOFURAN	560	PPB E	DRY	1.04
FLUORANTHENE	4700	PPB E	DRY	1.88
FLUORENE	840	PPB E	DRY	1.56
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	6.38
POLYCHLORINATED BIPHENYLS	1600	PPB E	DRY	1.45
PHENANTHRENE	3000	PPB E	DRY	2.00

PYRENE	5900	PPB E	DRY	1.79
SILVER	3.0	PPM E	DRY	5.36 *
SULFIDES	580	PPM	DRY	12.89
TOTAL BENZOFLUORANTHENES (B + K)	7700	PPB E	DRY	2.14
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	38000	PPB E	DRY	2.24
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8900	PPB E	DRY	1.71
P,P'-DDT	180	PPB	DRY	31.03 *
P,P'-DDD	63	PPB	DRY	31.50 *
MERCURY	1.9	PPM E	DRY	3.22

Survey: EBCHEM Station: SS-05

=====

Date: 10/03/85 Sample ID: SS-05 Field rep: SS18

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	510	PPB E	DRY	2.22
ACENAPHTHENE	600	PPB E	DRY	1.20
ACENAPHTHYLENE	660	PPB E	DRY	1.18 *
ANTHRACENE	3700	PPB E	DRY	3.85
BENZO(A)ANTHRACENE	3100	PPB	DRY	2.38
BENZO(A)PYRENE	2400	PPB E	DRY	1.50
BENZO(G,H,I)PERYLENE	1100	PPB E	DRY	1.64
CHRYSENE	4500	PPB	DRY	3.21
DIBENZOFURAN	630	PPB E	DRY	1.17
DIBENZOTHIOPHENE	570	PPB E	DRY	2.28
FLUORANTHENE	8000	PPB E	DRY	4.71
FLUORENE	800	PPB E	DRY	1.48
INDENO(1,2,3-CD)PYRENE	1600	PPB E	DRY	2.67
OIL AND GREASE	4500	PPM	DRY	4.09
POLYCHLORINATED BIPHENYLS	580	PPB E	DRY	4.46
PHENANTHRENE	4500	PPB	DRY	3.00
SILVER	6.1	PPM E	DRY	10.89 *
SULFIDES	540	PPM	DRY	12.00
TOTAL BENZOFLUORANTHENES (B + K)	6600	PPB	DRY	2.06
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	28000	PPB E	DRY	2.33
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	9400	PPB E	DRY	1.81
PYRENE	5900	PPB	DRY	2.27
MERCURY	1.7	PPM E	DRY	4.15

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	510	PPB E	DRY	2.22
ACENAPHTHENE	600	PPB E	DRY	1.20
ACENAPHTHYLENE	660	PPB E	DRY	1.18 *
ANTHRACENE	3700	PPB E	DRY	3.85
BENZO(A)ANTHRACENE	3100	PPB	DRY	1.94
BENZO(A)PYRENE	2400	PPB E	DRY	1.50
BENZO(G,H,I)PERYLENE	1100	PPB E	DRY	1.53
CHRYSENE	4500	PPB	DRY	1.61
DIBENZOFURAN	630	PPB E	DRY	1.17
DIBENZOTHIOPHENE	570	PPB E	DRY	2.37
FLUORANTHENE	8000	PPB E	DRY	3.20

FLUORENE	800	PPB E	DRY	1.48
INDENO(1,2,3-CD)PYRENE	1600	PPB E	DRY	2.32
OIL AND GREASE	4500	PPM	DRY	1.05
PHENANTHRENE	4500	PPB	DRY	3.00
PYRENE	5900	PPB	DRY	1.79
SILVER	6.1	PPM E	DRY	10.89 *
SULFIDES	540	PPM	DRY	12.00
TOTAL BENZOFLUORANTHENES (B + K)	6600	PPB	DRY	1.83
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	28000	PPB E	DRY	1.65
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	9400	PPB E	DRY	1.81
P,P'-DDD	14	PPB LM	DRY	7.00 *
MERCURY	1.7	PPM E	DRY	2.88

Date: 10/03/85 Sample ID: SS-05 Field rep: SS19

Microtox bioassay AET.

1-METHYL PHENANTHRENE	1100	PPB E	DRY	2.97
2-METHYL PHENANTHRENE	1200	PPB E	DRY	2.45
BENZO(A)ANTHRACENE	1400	PPB	DRY	1.08
BIPHENYL	300	PPB E	DRY	1.11
BUTYL BENZYL PHTHALATE	900	PPB E	DRY	14.29
CHRYSENE	2700	PPB	DRY	1.93
FLUORANTHENE	2400	PPB	DRY	1.41
OIL AND GREASE	3900	PPM	DRY	3.55
POLYCHLORINATED BIPHENYLS	610	PPB E	DRY	4.69
SILVER	5.6	PPM E	DRY	10.00 *
SULFIDES	470	PPM	DRY	10.44
TOTAL BENZOFLUORANTHENES (B + K)	3900	PPB	DRY	1.22
PYRENE	3500	PPB	DRY	1.35
MERCURY	1.6	PPM E	DRY	3.90

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	1100	PPB E	DRY	2.97
2-METHYL PHENANTHRENE	1200	PPB E	DRY	2.55
DI-N-OCTYL PHTHALATE	2100	PPB	DRY	5.00 *
BIPHENYL	300	PPB E	DRY	1.15
BUTYL BENZYL PHTHALATE	900	PPB E	DRY	1.91 *
PYRENE	3500	PPB	DRY	1.06
SILVER	5.6	PPM E	DRY	10.00 *
SULFIDES	470	PPM	DRY	10.44
TOTAL BENZOFLUORANTHENES (B + K)	3900	PPB	DRY	1.08
MERCURY	1.6	PPM E	DRY	2.71

Survey: EBCHEM Station: SS-06

Date: 10/03/85 Sample ID: SS-06

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	1500	PPB E	DRY	6.52
------------------------	------	-------	-----	------

ACENAPHTHENE	1000	PPB E	DRY	2.00
ACENAPHTHYLENE	2000	PPB	DRY	3.57 *
ANTHRACENE	11000	PPB E	DRY	11.46
BENZO(A)ANTHRACENE	4300	PPB	DRY	3.31
BENZO(A)PYRENE	5600	PPB E	DRY	3.50
BENZO(G,H,I)PERYLENE	2700	PPB E	DRY	4.03
CHRYSENE	5500	PPB	DRY	3.93
DIBENZOFURAN	590	PPB E	DRY	1.09
FLUORANTHENE	15000	PPB E	DRY	8.82
FLUORENE	2700	PPB	DRY	5.00
INDENO(1,2,3-CD)PYRENE	3900	PPB E	DRY	6.50
TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.21
OIL AND GREASE	4300	PPM	DRY	3.91
POLYCHLORINATED BIPHENYLS	570	PPB E	DRY	4.38
PHENANTHRENE	6000	PPB	DRY	4.00
SILVER	4.7	PPM E	DRY	8.39 *
SULFIDES	1400	PPM	DRY	31.11
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB	DRY	6.56
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	77000	PPB E	DRY	6.42
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB E	DRY	4.62
PYRENE	17000	PPB	DRY	6.54
MERCURY	1.9	PPM E	DRY	4.63

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	1500	PPB E	DRY	6.52
ACENAPHTHENE	1000	PPB E	DRY	2.00
ACENAPHTHYLENE	2000	PPB	DRY	3.57 *
ANTHRACENE	11000	PPB E	DRY	11.46
BENZO(A)ANTHRACENE	4300	PPB	DRY	2.69
BENZO(A)PYRENE	5600	PPB E	DRY	3.50
BENZO(G,H,I)PERYLENE	2700	PPB E	DRY	3.75
CHRYSENE	5500	PPB	DRY	1.96
DIBENZOFURAN	590	PPB E	DRY	1.09
FLUORANTHENE	15000	PPB E	DRY	6.00
FLUORENE	2700	PPB	DRY	5.00
INDENO(1,2,3-CD)PYRENE	3900	PPB E	DRY	5.65
TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.21
PHENANTHRENE	6000	PPB	DRY	4.00
PYRENE	17000	PPB	DRY	5.15
SILVER	4.7	PPM E	DRY	8.39 *
SULFIDES	1400	PPM	DRY	31.11
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB	DRY	5.83
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	77000	PPB E	DRY	4.53
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB E	DRY	4.62
MERCURY	1.9	PPM E	DRY	3.22

Survey: EBCHEM Station: SS-07

Date: 10/03/85 Sample ID: SS-07

Microtox bioassay AET.

2-METHYLNAPHTHALENE	1400	PPB	DRY	2.09
2,4-DIMETHYL PHENOL	210	PPB E	DRY	7.24
DIBENZO(A,H)ANTHRACENE	970	PPB E	DRY	4.22
ACENAPHTHENE	730	PPB E	DRY	1.46
ACENAPHTHYLENE	1200	PPB	DRY	2.14 *
ANTHRACENE	4100	PPB E	DRY	4.27
BENZO(A)ANTHRACENE	4100	PPB	DRY	3.15
BENZO(A)PYRENE	3200	PPB E	DRY	2.00
BENZO(G,H,I)PERYLENE	1900	PPB E	DRY	2.84
CHRYSENE	4900	PPB	DRY	3.50
DIBENZOFURAN	700	PPB E	DRY	1.30
FLUORANTHENE	7100	PPB E	DRY	4.18
FLUORENE	1000	PPB	DRY	1.85
INDENO(1,2,3-CD)PYRENE	2600	PPB E	DRY	4.33
NAPHTHALENE	2700	PPB X	DRY	1.29
OIL AND GREASE	4600	PPM	DRY	4.18
POLYCHLORINATED BIPHENYLS	460	PPB E	DRY	3.54
PHENANTHRENE	3300	PPB	DRY	2.20
SILVER	5.9	PPM E	DRY	10.54 *
SULFIDES	630	PPM	DRY	14.00
TOTAL BENZOFLUORANTHENES (B + K)	9900	PPB	DRY	3.09
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	42000	PPB E	DRY	3.50
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	13000	PPB E	DRY	2.50
PYRENE	7000	PPB	DRY	2.69
COPPER	530	PPM	DRY	1.36
MERCURY	2.1	PPM E	DRY	5.12

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	1400	PPB	DRY	2.09
2,4-DIMETHYL PHENOL	210	PPB E	DRY	7.24
DIBENZO(A,H)ANTHRACENE	970	PPB E	DRY	4.22
ACENAPHTHENE	730	PPB E	DRY	1.46
ACENAPHTHYLENE	1200	PPB	DRY	2.14 *
ANTHRACENE	4100	PPB E	DRY	4.27
BENZO(A)ANTHRACENE	4100	PPB	DRY	2.56
BENZO(A)PYRENE	3200	PPB E	DRY	2.00
BENZO(G,H,I)PERYLENE	1900	PPB E	DRY	2.64
CHRYSENE	4900	PPB	DRY	1.75
DIBENZOFURAN	700	PPB E	DRY	1.30
FLUORANTHENE	7100	PPB E	DRY	2.84
FLUORENE	1000	PPB	DRY	1.85
INDENO(1,2,3-CD)PYRENE	2600	PPB E	DRY	3.77
NAPHTHALENE	2700	PPB X	DRY	1.29
OIL AND GREASE	4600	PPM	DRY	1.07
PHENANTHRENE	3300	PPB	DRY	2.20
PYRENE	7000	PPB	DRY	2.12
SILVER	5.9	PPM E	DRY	10.54 *
SULFIDES	630	PPM	DRY	14.00
TOTAL BENZOFLUORANTHENES (B + K)	9900	PPB	DRY	2.75
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	42000	PPB E	DRY	2.47
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	13000	PPB E	DRY	2.50
COPPER	530	PPM	DRY	1.36
MERCURY	2.1	PPM E	DRY	3.56

Survey: EBCHEM Station: SS-08

Date: 09/27/85 Sample ID: SS-08

Microtox bioassay AET.

1-METHYL PHENANTHRENE	100000	PPB E	DRY 270.27
2-METHYLNAPHTHALENE	3300	PPB	DRY 4.93
DIBENZO(A,H)ANTHRACENE	12000	PPB E	DRY 52.17
2-METHYL PHENANTHRENE	110000	PPB E	DRY 224.49
ACENAPHTHENE	33000	PPB	DRY 66.00
ACENAPHTHYLENE	37000	PPB X	DRY 66.07 *
ANTHRACENE	190000	PPB	DRY 197.92
BENZO(A)ANTHRACENE	300000	PPB	DRY 230.77
BENZO(A)PYRENE	100000	PPB E	DRY 62.50
BENZO(G,H,I)PERYLENE	32000	PPB E	DRY 47.76
CHRYSENE	350000	PPB	DRY 250.00
DIBENZOFURAN	7100	PPB	DRY 13.15
DIBENZOTHIOPHENE	29000	PPB E	DRY 116.00
FLUORANTHENE	1300000	PPB	DRY 764.71
FLUORENE	37000	PPB	DRY 68.52
INDENO(1,2,3-CD)PYRENE	40000	PPB E	DRY 66.67
NAPHTHALENE	5300	PPB X	DRY 2.52
TOTAL NITROGEN (NO3+NO3+NH4)	0.47	PCT	DRY 1.68
OIL AND GREASE	5500	PPM	DRY 5.00
PHENANTHRENE	330000	PPB	DRY 220.00
SILVER	2.0	PPM E	DRY 3.57 *
SULFIDES	970	PPM	DRY 21.56
TOTAL BENZOFLUORANTHENES (B + K)	300000	PPB	DRY 93.75
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	3200000	PPB E	DRY 266.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	630000	PPB	DRY 121.15
PYRENE	740000	PPB	DRY 284.62
MERCURY	1.7	PPM E	DRY 4.15
TOTAL ORGANIC CARBON	26.6	PCT E	DRY 1.76
TOTAL VOLATILE SOLIDS	41.14	PCT	DRY 1.85

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	100000	PPB E	DRY 270.27
2-METHYLNAPHTHALENE	3300	PPB	DRY 4.93
DIBENZO(A,H)ANTHRACENE	12000	PPB E	DRY 52.17
2-METHYL PHENANTHRENE	110000	PPB E	DRY 234.04
ACENAPHTHENE	33000	PPB	DRY 66.00
ACENAPHTHYLENE	37000	PPB X	DRY 66.07 *
ANTHRACENE	190000	PPB	DRY 197.92
BENZO(A)ANTHRACENE	300000	PPB	DRY 187.50
BENZO(A)PYRENE	100000	PPB E	DRY 62.50
BENZO(G,H,I)PERYLENE	32000	PPB E	DRY 44.44
CHRYSENE	350000	PPB	DRY 125.00
DIBENZOFURAN	7100	PPB	DRY 13.15
DIBENZOTHIOPHENE	29000	PPB E	DRY 120.83
FLUORANTHENE	1300000	PPB	DRY 520.00
FLUORENE	37000	PPB	DRY 68.52
INDENO(1,2,3-CD)PYRENE	40000	PPB E	DRY 57.97

NAPHTHALENE	5300	PPB X	DRY	2.52
TOTAL NITROGEN (NO3+NO3+NH4)	0.47	PCT	DRY	1.68
OIL AND GREASE	5500	PPM	DRY	1.28
PHENANTHRENE	330000	PPB	DRY	220.00
PYRENE	740000	PPB	DRY	224.24
SILVER	2.0	PPM E	DRY	3.57 *
SULFIDES	970	PPM	DRY	21.56
TOTAL BENZOFLUORANTHENES (B + K)	300000	PPB	DRY	83.33
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	3200000	PPB E	DRY	188.24
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	630000	PPB	DRY	121.15
MERCURY	1.7	PPM E	DRY	2.88
TOTAL ORGANIC CARBON	26.6	PCT E	DRY	1.76
TOTAL VOLATILE SOLIDS	41.14	PCT	DRY	1.85

Survey: EBCHEM Station: SS-09

Date: 09/27/85 Sample ID: SS-09

Microtox bioassay AET.

1,4-DICHLOROBENZENE	31000	PPB X	DRY	281.82
1-METHYL PHENANTHRENE	970	PPB E	DRY	2.62
DIBENZO(A,H)ANTHRACENE	1300	PPB E	DRY	5.65
2-METHYL PHENANTHRENE	780	PPB E	DRY	1.59
ACENAPHTHYLENE	2600	PPB	DRY	4.64 *
ANTHRACENE	5100	PPB	DRY	5.31
BENZO(A)ANTHRACENE	7900	PPB	DRY	6.08
BENZO(A)PYRENE	8200	PPB E	DRY	5.13
BENZO(G,H,I)PERYLENE	3800	PPB E	DRY	5.67
CADMIUM	17	PPM	DRY	1.77
CHRYSENE	20000	PPB	DRY	14.29
DIMETHYL PHTHALATE	160	PPB E	DRY	2.25
FLUORANTHENE	10000	PPB	DRY	5.88
FLUORENE	860	PPB E	DRY	1.59
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	7.33
OIL AND GREASE	5200	PPM	DRY	4.73
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	25.38
PHENANTHRENE	4800	PPB	DRY	3.20
SILVER	2.0	PPM E	DRY	3.57 *
SULFIDES	570	PPM	DRY	12.67
TOTAL BENZOFLUORANTHENES (B + K)	32000	PPB	DRY	10.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	100000	PPB E	DRY	8.33
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	15000	PPB E	DRY	2.88
PYRENE	14000	PPB	DRY	5.38
LEAD	71000	PPM	DRY	133.96
MERCURY	3.9	PPM E	DRY	9.51
ZINC	6000	PPM E	DRY	3.75

Oyster larvae toxicity AET.

1,4-DICHLOROBENZENE	31000	PPB X	DRY	258.33
1-METHYL PHENANTHRENE	970	PPB E	DRY	2.62
DIBENZO(A,H)ANTHRACENE	1300	PPB E	DRY	5.65

2-METHYL PHENANTHRENE	780	PPB E	DRY	1.66
ACENAPHTHYLENE	2600	PPB	DRY	4.64 *
ANTHRACENE	5100	PPB	DRY	5.31
BENZO(A)ANTHRACENE	7900	PPB	DRY	4.94
BENZO(A)PYRENE	8200	PPB E	DRY	5.13
BENZO(G,H,I)PERYLENE	3800	PPB E	DRY	5.28
CADMIUM	17	PPM	DRY	1.77
CHRYSENE	20000	PPB	DRY	7.14
FLUORANTHENE	10000	PPB	DRY	4.00
FLUORENE	860	PPB E	DRY	1.59
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	6.38
OIL AND GREASE	5200	PPM	DRY	1.21
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	3.00
PHENANTHRENE	4800	PPB	DRY	3.20
PHENOL	440	PPB E	DRY	1.05
PYRENE	14000	PPB	DRY	4.24
SILVER	2.0	PPM E	DRY	3.57 *
SULFIDES	570	PPM	DRY	12.67
TOTAL BENZOFLUORANTHENES (B + K)	32000	PPB	DRY	8.89
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	100000	PPB E	DRY	5.88
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	15000	PPB E	DRY	2.88
P,P'-DDD	140	PPB E	DRY	70.00 *
P,P'-DDE	36	PPB	DRY	42.86 *
ALDRIN (PESTICIDE)	75	PPB	DRY	170.45 *
LEAD	71000	PPM	DRY	107.58
MERCURY	3.9	PPM E	DRY	6.61
ZINC	6000	PPM E	DRY	3.75

Survey: EBCHEM Station: SS-10

Date: 09/27/85 Sample ID: SS-10

Microtox bioassay AET.

1-METHYL PHENANTHRENE	380	PPB E	DRY	1.03
ACENAPHTHYLENE	740	PPB X	DRY	1.32 *
ANTHRACENE	2400	PPB	DRY	2.50
BENZO(A)ANTHRACENE	3400	PPB	DRY	2.62
BENZO(A)PYRENE	3500	PPB E	DRY	2.19
BENZO(G,H,I)PERYLENE	1200	PPB E	DRY	1.79
CHRYSENE	6300	PPB	DRY	4.50
FLUORANTHENE	9400	PPB	DRY	5.53
INDENO(1,2,3-CD)PYRENE	1600	PPB E	DRY	2.67
PHENANTHRENE	3300	PPB	DRY	2.20
SILVER	2.2	PPM E	DRY	3.93 *
SULFIDES	340	PPM	DRY	7.56
TOTAL BENZOFLUORANTHENES (B + K)	9100	PPB	DRY	2.84
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	45000	PPB E	DRY	3.75
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	7100	PPB	DRY	1.37
PYRENE	10000	PPB	DRY	3.85
MERCURY	1.3	PPM E	DRY	3.17

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	380	PPB E	DRY	1.03
ACENAPHTHYLENE	740	PPB X	DRY	1.32 *
ANTHRACENE	2400	PPB	DRY	2.50
BENZO(A)ANTHRACENE	3400	PPB	DRY	2.13
BENZO(A)PYRENE	3500	PPB E	DRY	2.19
BENZO(G,H,I)PERYLENE	1200	PPB E	DRY	1.67
CHRYSENE	6300	PPB	DRY	2.25
FLUORANTHENE	9400	PPB	DRY	3.76
INDENO(1,2,3-CD)PYRENE	1600	PPB E	DRY	2.32
PHENANTHRENE	3300	PPB	DRY	2.20
PYRENE	10000	PPB	DRY	3.03
SILVER	2.2	PPM E	DRY	3.93 *
SULFIDES	340	PPM	DRY	7.56
TOTAL BENZOFLUORANTHENES (B + K)	9100	PPB	DRY	2.53
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	45000	PPB E	DRY	2.65
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	7100	PPB	DRY	1.37
MERCURY	1.3	PPM E	DRY	2.20

Survey: EBCHEM Station: SS-11

Date: 09/27/85 Sample ID: SS-11

Microtox bioassay AET.

ANTHRACENE	1200	PPB	DRY	1.25
BENZO(A)ANTHRACENE	1500	PPB	DRY	1.15
BENZO(A)PYRENE	2800	PPB E	DRY	1.75
BENZO(G,H,I)PERYLENE	1000	PPB E	DRY	1.49
CHRYSENE	3200	PPB	DRY	2.29
DIMETHYL PHTHALATE	1400	PPB X	DRY	19.72
FLUORANTHENE	3300	PPB	DRY	1.94
INDENO(1,2,3-CD)PYRENE	1300	PPB E	DRY	2.17
OIL AND GREASE	4200	PPM	DRY	3.82
POLYCHLORINATED BIPHENYLS	260	PPB E	DRY	2.00
PHENANTHRENE	1900	PPB	DRY	1.27
SILVER	4.3	PPM E	DRY	7.68 *
SULFIDES	360	PPM	DRY	8.00
TOTAL BENZOFLUORANTHENES (B + K)	5900	PPB	DRY	1.84
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	24000	PPB E	DRY	2.00
PYRENE	5000	PPB	DRY	1.92
MERCURY	1.3	PPM E	DRY	3.17

Oyster larvae toxicity AET.

ANTHRACENE	1200	PPB	DRY	1.25
BENZO(A)PYRENE	2800	PPB E	DRY	1.75
BENZO(G,H,I)PERYLENE	1000	PPB E	DRY	1.39
CHRYSENE	3200	PPB	DRY	1.14
DIMETHYL PHTHALATE	1400	PPB X	DRY	8.75
FLUORANTHENE	3300	PPB	DRY	1.32
INDENO(1,2,3-CD)PYRENE	1300	PPB E	DRY	1.88
PHENANTHRENE	1900	PPB	DRY	1.27

PYRENE	5000	PPB	DRY	1.52
SILVER	4.3	PPM E	DRY	7.68 *
SULFIDES	360	PPM	DRY	8.00
TOTAL BENZOFLUORANTHENES (B + K)	5900	PPB	DRY	1.64
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	24000	PPB E	DRY	1.41
MERCURY	1.3	PPM E	DRY	2.20

Survey: EBCHEM Station: SS-12
=====

Date: 09/27/85 Sample ID: SS-12

Microtox bioassay AET.

OIL AND GREASE	3000	PPM	DRY	2.73
POLYCHLORINATED BIPHENYLS	220	PPB E	DRY	1.69
SILVER	5.0	PPM E	DRY	8.93 *
SULFIDES	230	PPM	DRY	5.11
PYRENE	2800	PPB	DRY	1.08
MERCURY	1.4	PPM E	DRY	3.41

Oyster larvae toxicity AET.

SILVER	5.0	PPM E	DRY	8.93 *
SULFIDES	230	PPM	DRY	5.11
MERCURY	1.4	PPM E	DRY	2.37

Survey: EBCHEM Station: WW-01
=====

Date: 10/01/85 Sample ID: WW-01

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	160	PPB E	DRY	1.23
---------------------------	-----	-------	-----	------

Survey: EBCHEM Station: WW-02
=====

Date: 10/09/85 Sample ID: WW-02

Microtox bioassay AET.

BENZYL ALCOHOL	8800	PPB E	DRY	154.39
OIL AND GREASE	1700	PPM	DRY	1.55
POLYCHLORINATED BIPHENYLS	510	PPB E	DRY	3.92

Oyster larvae toxicity AET.

BENZYL ALCOHOL	8800	PPB E	DRY	120.55
----------------	------	-------	-----	--------

Survey: EBCHEM Station: WW-03

=====

Date: 10/01/85 Sample ID: WW-03

Microtox bioassay AET.

OIL AND GREASE	3900	PPM	DRY	3.55
----------------	------	-----	-----	------

Survey: EBCHEM Station: WW-04

=====

Date: 10/01/85 Sample ID: WW-04

Microtox bioassay AET.

1-METHYL PHENANTHRENE	480	PPB E	DRY	1.30
DIBENZO(A,H)ANTHRACENE	470	PPB E	DRY	2.04
2-METHYL PHENANTHRENE	790	PPB E	DRY	1.61
ACENAPHTHENE	2000	PPB E	DRY	4.00
ANTHRACENE	2000	PPB E	DRY	2.08
BENZO(A)ANTHRACENE	2400	PPB E	DRY	1.85
BIPHENYL	310	PPB E	DRY	1.15
CHRYSENE	4100	PPB E	DRY	2.93
DIBENZOFURAN	1700	PPB E	DRY	3.15
DIBENZOTHIOPHENE	950	PPB E	DRY	3.80
FLUORANTHENE	30000	PPB E	DRY	17.65
FLUORENE	3600	PPB E	DRY	6.67
INDENO(1,2,3-CD)PYRENE	880	PPB E	DRY	1.47
POLYCHLORINATED BIPHENYLS	500	PPB E	DRY	3.85
PHENANTHRENE	6900	PPB E	DRY	4.60
SILVER	0.59	PPM E	DRY	1.05 *
SULFIDES	230	PPM	DRY	5.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	53000	PPB E	DRY	4.42
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	15000	PPB E	DRY	2.88
PYRENE	10000	PPB E	DRY	3.85

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	480	PPB E	DRY	1.30
DIBENZO(A,H)ANTHRACENE	470	PPB E	DRY	2.04
2-METHYL PHENANTHRENE	790	PPB E	DRY	1.68
ACENAPHTHENE	2000	PPB E	DRY	4.00
ANTHRACENE	2000	PPB E	DRY	2.08
BENZO(A)ANTHRACENE	2400	PPB E	DRY	1.50
BIPHENYL	310	PPB E	DRY	1.19
CHRYSENE	4100	PPB E	DRY	1.46
DIBENZOFURAN	1700	PPB E	DRY	3.15
DIBENZOTHIOPHENE	950	PPB E	DRY	3.96
FLUORANTHENE	30000	PPB E	DRY	12.00
FLUORENE	3600	PPB E	DRY	6.67

INDENO(1,2,3-CD)PYRENE	880	PPB E	DRY	1.28
PHENANTHRENE	6900	PPB E	DRY	4.60
PYRENE	10000	PPB E	DRY	3.03
SILVER	0.59	PPM E	DRY	1.05 *
SULFIDES	230	PPM	DRY	5.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	53000	PPB E	DRY	3.12
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	15000	PPB E	DRY	2.88

Survey: EBCHEM Station: WW-05

=====

Date: 10/01/85 Sample ID: WW-05

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	1200	PPB E	DRY	9.23
SULFIDES	54	PPM	DRY	1.20

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	1200	PPB E	DRY	1.09
SULFIDES	54	PPM	DRY	1.20

Survey: EBCHEM Station: WW-06

=====

Date: 10/01/85 Sample ID: WW-06 Field rep: 1

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	67	PPB E	DRY	1.06
OIL AND GREASE	1900	PPM	DRY	1.73
POLYCHLORINATED BIPHENYLS	610	PPB E	DRY	4.69
SILVER	0.63	PPM E	DRY	1.13 *
SULFIDES	400	PPM	DRY	8.89
MERCURY	0.53	PPM E	DRY	1.29

Oyster larvae toxicity AET.

SILVER	0.63	PPM E	DRY	1.13 *
SULFIDES	400	PPM	DRY	8.89

Date: 10/01/85 Sample ID: WW-06 Field rep: 2

Microtox bioassay AET.

1-METHYL PHENANTHRENE	990	PPB E	DRY	2.68
2-METHYL PHENANTHRENE	990	PPB E	DRY	2.02
CHRYSENE	1700	PPB E	DRY	1.21
DIBENZOTHIOPHENE	570	PPB E	DRY	2.28
DIMETHYL PHTHALATE	620	PPB E	DRY	8.73

FLUORANTHENE	4300	PPB E	DRY	2.53
OIL AND GREASE	2000	PPM	DRY	1.82
PHENANTHRENE	4200	PPB E	DRY	2.80
SILVER	0.62	PPM E	DRY	1.11 *
SULFIDES	350	PPM	DRY	7.78
PYRENE	3300	PPB E	DRY	1.27
MERCURY	0.45	PPM E	DRY	1.10

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	990	PPB E	DRY	2.68
2-METHYL PHENANTHRENE	990	PPB E	DRY	2.11
DIBENZOTHIOPHENE	570	PPB E	DRY	2.37
DIMETHYL PHTHALATE	620	PPB E	DRY	3.88
FLUORANTHENE	4300	PPB E	DRY	1.72
PHENANTHRENE	4200	PPB E	DRY	2.80
SILVER	0.62	PPM E	DRY	1.11 *
SULFIDES	350	PPM	DRY	7.78

Survey: EBCHEM Station: WW-08

Date: 10/01/85 Sample ID: WW-08

Microtox bioassay AET.

BENZYL ALCOHOL	140	PPB E	DRY	2.46
BUTYL BENZYL PHTHALATE	160	PPB X	DRY	2.54
POLYCHLORINATED BIPHENYLS	620	PPB E	DRY	4.77
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	280	PPM	DRY	6.22
MERCURY	0.57	PPM E	DRY	1.39

Oyster larvae toxicity AET.

BENZYL ALCOHOL	140	PPB E	DRY	1.92
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	280	PPM	DRY	6.22

Survey: EBCHEM Station: WW-09

Date: 10/02/85 Sample ID: WW-09

Microtox bioassay AET.

1-METHYL PHENANTHRENE	440	PPB E	DRY	1.19
ACENAPHTHENE	790	PPB E	DRY	1.58
ANTHRACENE	1700	PPB	DRY	1.77
BENZO(A)ANTHRACENE	3100	PPB	DRY	2.38
BENZO(A)PYRENE	3700	PPB E	DRY	2.31
BENZO(G,H,I)PERYLENE	980	PPB E	DRY	1.46

CHRYSENE	6200	PPB	DRY	4.43
DIMETHYL PHTHALATE	440	PPB E	DRY	6.20
FLUORANTHENE	10000	PPB	DRY	5.88
FLUORENE	720	PPB E	DRY	1.33
INDENO(1,2,3-CD)PYRENE	1300	PPB E	DRY	2.17
OIL AND GREASE	1600	PPM	DRY	1.45
POLYCHLORINATED BIPHENYLS	1500	PPB E	DRY	11.54
PHENANTHRENE	5300	PPB	DRY	3.53
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	650	PPM	DRY	14.44
TOTAL BENZOFLUORANTHENES (B + K)	6500	PPB	DRY	2.03
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	40000	PPB E	DRY	3.33
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8900	PPB E	DRY	1.71
PYRENE	8200	PPB	DRY	3.15
LEAD	710	PPM	DRY	1.34
MERCURY	0.8	PPM E	DRY	1.95

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	440	PPB E	DRY	1.19
ACENAPHTHENE	790	PPB E	DRY	1.58
ANTHRACENE	1700	PPB	DRY	1.77
BENZO(A)ANTHRACENE	3100	PPB	DRY	1.94
BENZO(A)PYRENE	3700	PPB E	DRY	2.31
BENZO(G,H,I)PERYLENE	980	PPB E	DRY	1.36
CHRYSENE	6200	PPB	DRY	2.21
DIMETHYL PHTHALATE	440	PPB E	DRY	2.75
FLUORANTHENE	10000	PPB	DRY	4.00
FLUORENE	720	PPB E	DRY	1.33
INDENO(1,2,3-CD)PYRENE	1300	PPB E	DRY	1.88
POLYCHLORINATED BIPHENYLS	1500	PPB E	DRY	1.36
PHENANTHRENE	5300	PPB	DRY	3.53
PYRENE	8200	PPB	DRY	2.48
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	650	PPM	DRY	14.44
TOTAL BENZOFLUORANTHENES (B + K)	6500	PPB	DRY	1.81
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	40000	PPB E	DRY	2.35
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	8900	PPB E	DRY	1.71
P,P'-DDD	80	PPB E	DRY	40.00 *
LEAD	710	PPM	DRY	1.08
MERCURY	0.8	PPM E	DRY	1.36

Survey: EBCHEM Station: WW-10

Date: 10/02/85 Sample ID: WW-10

Microtox bioassay AET.

CHRYSENE	2300	PPB	DRY	1.64
FLUORANTHENE	2500	PPB	DRY	1.47
POLYCHLORINATED BIPHENYLS	300	PPB E	DRY	2.31
SILVER	0.72	PPM E	DRY	1.29 *
SULFIDES	280	PPM	DRY	6.22

MERCURY	0.81	PPM E	DRY	1.98
---------	------	-------	-----	------

Oyster larvae toxicity AET.

SILVER	0.72	PPM E	DRY	1.29 *
SULFIDES	280	PPM	DRY	6.22
MERCURY	0.81	PPM E	DRY	1.37

Survey: EBCHEM Station: WW-11

Date: 10/02/85 Sample ID: WW-11

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1900	PPB	DRY	1.46
CHRYSENE	4300	PPB	DRY	3.07
FLUORANTHENE	5000	PPB	DRY	2.94
OIL AND GREASE	1600	PPM	DRY	1.45
POLYCHLORINATED BIPHENYLS	470	PPB E	DRY	3.62
PHENANTHRENE	1600	PPB	DRY	1.07
SILVER	0.79	PPM E	DRY	1.41 *
SULFIDES	450	PPM	DRY	10.00
TOTAL BENZOFLUORANTHENES (B + K)	4900	PPB	DRY	1.53
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	22000	PPB E	DRY	1.83
PYRENE	3400	PPB	DRY	1.31
LEAD	720	PPM	DRY	1.36
MERCURY	0.93	PPM E	DRY	2.27

Oyster larvae toxicity AET.

BENZO(A)ANTHRACENE	1900	PPB	DRY	1.19
CHRYSENE	4300	PPB	DRY	1.54
FLUORANTHENE	5000	PPB	DRY	2.00
PHENANTHRENE	1600	PPB	DRY	1.07
PYRENE	3400	PPB	DRY	1.03
SILVER	0.79	PPM E	DRY	1.41 *
SULFIDES	450	PPM	DRY	10.00
TOTAL BENZOFLUORANTHENES (B + K)	4900	PPB	DRY	1.36
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	22000	PPB E	DRY	1.29
LEAD	720	PPM	DRY	1.09
MERCURY	0.93	PPM E	DRY	1.58

Survey: EBCHEM Station: WW-12

Date: 10/02/85 Sample ID: WW-12

Microtox bioassay AET.

1-METHYL PHENANTHRENE	610	PPB E	DRY	1.65
2-METHYL PHENANTHRENE	550	PPB E	DRY	1.12

ANTHRACENE	1400	PPB E	DRY	1.46
BENZO(A)ANTHRACENE	2900	PPB	DRY	2.23
BENZO(A)PYRENE	2000	PPB E	DRY	1.25
CHRYSENE	7900	PPB	DRY	5.64
FLUORANTHENE	11000	PPB	DRY	6.47
OIL AND GREASE	1300	PPM	DRY	1.18
POLYCHLORINATED BIPHENYLS	410	PPB E	DRY	3.15
PHENANTHRENE	2800	PPB	DRY	1.87
SILVER	2.6	PPM E	DRY	4.64 *
SULFIDES	420	PPM	DRY	9.33
TOTAL BENZOFLUORANTHENES (B + K)	4700	PPB	DRY	1.47
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	36000	PPB E	DRY	3.00
PYRENE	7100	PPB	DRY	2.73
COPPER	620	PPM	DRY	1.59
LEAD	1200	PPM	DRY	2.26
MERCURY	0.62	PPM E	DRY	1.51

Oyster larvae toxicity AET.

1-METHYL PHENANTHRENE	610	PPB E	DRY	1.65
2-METHYL PHENANTHRENE	550	PPB E	DRY	1.17
ANTHRACENE	1400	PPB E	DRY	1.46
BENZO(A)ANTHRACENE	2900	PPB	DRY	1.81
BENZO(A)PYRENE	2000	PPB E	DRY	1.25
CHRYSENE	7900	PPB	DRY	2.82
FLUORANTHENE	11000	PPB	DRY	4.40
PHENANTHRENE	2800	PPB	DRY	1.87
PYRENE	7100	PPB	DRY	2.15
SILVER	2.6	PPM E	DRY	4.64 *
SULFIDES	420	PPM	DRY	9.33
TOTAL BENZOFLUORANTHENES (B + K)	4700	PPB	DRY	1.31
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	36000	PPB E	DRY	2.12
COPPER	620	PPM	DRY	1.59
LEAD	1200	PPM	DRY	1.82
MERCURY	0.62	PPM E	DRY	1.05

Survey: EBCHEM Station: WW-13

Date: 10/02/85 Sample ID: WW-13

Microtox bioassay AET.

CHRYSENE	2300	PPB	DRY	1.64
DIMETHYL PHTHALATE	1000	PPB	DRY	14.08
FLUORANTHENE	2700	PPB	DRY	1.59
PHENANTHRENE	1600	PPB	DRY	1.07
SULFIDES	140	PPM	DRY	3.11
PYRENE	2800	PPB	DRY	1.08
MERCURY	0.59	PPM E	DRY	1.44

Oyster larvae toxicity AET.

DIMETHYL PHTHALATE	1000	PPB	DRY	6.25
--------------------	------	-----	-----	------

FLUORANTHENE	2700	PPB	DRY	1.08
PHENANTHRENE	1600	PPB	DRY	1.07
SULFIDES	140	PPM	DRY	3.11

Survey: EBCHEM Station: WW-14

=====

Date: 10/02/85 Sample ID: WW-14

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1800	PPB	DRY	1.38
BENZO(A)PYRENE	3500	PPB E	DRY	2.19
CHRYSENE	4700	PPB	DRY	3.36
FLUORANTHENE	4000	PPB	DRY	2.35
INDENO(1,2,3-CD)PYRENE	1100	PPB E	DRY	1.83
OIL AND GREASE	3200	PPM	DRY	2.91
POLYCHLORINATED BIPHENYLS	380	PPB E	DRY	2.92
PHENANTHRENE	1900	PPB	DRY	1.27
SILVER	0.7	PPM E	DRY	1.25 *
SULFIDES	300	PPM	DRY	6.67
TOTAL BENZOFLUORANTHENES (B + K)	7900	PPB	DRY	2.47
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB E	DRY	2.58
PYRENE	7600	PPB	DRY	2.92
LEAD	8700	PPM	DRY	16.42
MERCURY	1.1	PPM E	DRY	2.68

Oyster larvae toxicity AET.

BENZO(A)ANTHRACENE	1800	PPB	DRY	1.13
BENZO(A)PYRENE	3500	PPB E	DRY	2.19
CHRYSENE	4700	PPB	DRY	1.68
FLUORANTHENE	4000	PPB	DRY	1.60
INDENO(1,2,3-CD)PYRENE	1100	PPB E	DRY	1.59
PHENANTHRENE	1900	PPB	DRY	1.27
PYRENE	7600	PPB	DRY	2.30
SILVER	0.7	PPM E	DRY	1.25 *
SULFIDES	300	PPM	DRY	6.67
TOTAL BENZOFLUORANTHENES (B + K)	7900	PPB	DRY	2.19
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB E	DRY	1.82
LEAD	8700	PPM	DRY	13.18
MERCURY	1.1	PPM E	DRY	1.86

Survey: EBCHEM Station: WW-16

=====

Date: 10/02/85 Sample ID: WW-16

Microtox bioassay AET.

ANTHRACENE	1000	PPB E	DRY	1.04
CHRYSENE	1600	PPB	DRY	1.14

FLUORANTHENE	1800	PPB	DRY	1.06
POLYCHLORINATED BIPHENYLS	650	PPB E	DRY	5.00
SULFIDES	300	PPM	DRY	6.67
MERCURY	0.97	PPM E	DRY	2.37

Oyster larvae toxicity AET.

ANTHRACENE	1000	PPB E	DRY	1.04
SULFIDES	300	PPM	DRY	6.67
MERCURY	0.97	PPM E	DRY	1.64

Survey: EBCHEM Station: WW-17

Date: 10/03/85 Sample ID: WW-17

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	440	PPB X	DRY	1.91
PENTACHLOROPHENOL	360	PPB X	DRY	2.57 *
BENZO(A)ANTHRACENE	1600	PPB	DRY	1.23
BENZO(G,H,I)PERYLENE	1200	PPB E	DRY	1.79
CHRYSENE	2300	PPB	DRY	1.64
DIMETHYL PHTHALATE	99	PPB E	DRY	1.39
FLUORANTHENE	2700	PPB E	DRY	1.59
INDENO(1,2,3-CD)PYRENE	1800	PPB E	DRY	3.00
POLYCHLORINATED BIPHENYLS	360	PPB E	DRY	2.77
PHENANTHRENE	1700	PPB	DRY	1.13
SULFIDES	280	PPM	DRY	6.22
TOTAL BENZOFLUORANTHENES (B + K)	4000	PPB	DRY	1.25
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	19000	PPB E	DRY	1.58
PYRENE	3100	PPB	DRY	1.19
MERCURY	0.72	PPM E	DRY	1.76

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	440	PPB X	DRY	1.91
PENTACHLOROPHENOL	360	PPB X	DRY	2.57 *
BENZO(G,H,I)PERYLENE	1200	PPB E	DRY	1.67
FLUORANTHENE	2700	PPB E	DRY	1.08
INDENO(1,2,3-CD)PYRENE	1800	PPB E	DRY	2.61
PHENANTHRENE	1700	PPB	DRY	1.13
SULFIDES	280	PPM	DRY	6.22
TOTAL BENZOFLUORANTHENES (B + K)	4000	PPB	DRY	1.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	19000	PPB E	DRY	1.12
MERCURY	0.72	PPM E	DRY	1.22

Survey: EBCHEM Station: WW-18

Date: 10/03/85 Sample ID: WW-18

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	310	PPB X	DRY	1.35
FLUORANTHENE	1800	PPB E	DRY	1.06
INDENO(1,2,3-CD)PYRENE	1000	PPB E	DRY	1.67
OIL AND GREASE	1400	PPM	DRY	1.27
POLYCHLORINATED BIPHENYLS	270	PPB E	DRY	2.08
SULFIDES	160	PPM	DRY	3.56
MERCURY	1.6	PPM E	DRY	3.90

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	310	PPB X	DRY	1.35
INDENO(1,2,3-CD)PYRENE	1000	PPB E	DRY	1.45
SULFIDES	160	PPM	DRY	3.56
P,P'-DDD	11	PPB	DRY	5.50 *
MERCURY	1.6	PPM E	DRY	2.71

Survey: EBCHEM Station: WW-19

Date: 10/03/85 Sample ID: WW-19

Microtox bioassay AET.

4-METHYL PHENOL	2600	PPB	DRY	3.88
CHRYSENE	2600	PPB	DRY	1.86
FLUORANTHENE	2400	PPB	DRY	1.41
POLYCHLORINATED BIPHENYLS	320	PPB E	DRY	2.46
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	170	PPM	DRY	3.78
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	13000	PPB E	DRY	1.08
COPPER	1300	PPM	DRY	3.33
MERCURY	0.74	PPM E	DRY	1.80

Oyster larvae toxicity AET.

4-METHYL PHENOL	2600	PPB	DRY	3.88
SILVER	1.2	PPM E	DRY	2.14 *
SULFIDES	170	PPM	DRY	3.78
COPPER	1300	PPM	DRY	3.33
MERCURY	0.74	PPM E	DRY	1.25

Survey: EBCHEM Station: WW-20

Date: 10/03/85 Sample ID: WW-20

Microtox bioassay AET.

INDENO(1,2,3-CD)PYRENE	660	PPB E	DRY	1.10
POLYCHLORINATED BIPHENYLS	160	PPB E	DRY	1.23

SULFIDES	55	PPM	DRY	1.22
MERCURY	0.78	PPM E	DRY	1.90

Oyster larvae toxicity AET.

SULFIDES	55	PPM	DRY	1.22
MERCURY	0.78	PPM E	DRY	1.32

Survey: EHCHEM Station: BH-01

Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	160	PPB Q	DRY	2.54
DIETHYL PHTHALATE	130	PPB	DRY	2.71 *

Oyster larvae toxicity AET.

DIETHYL PHTHALATE	130	PPB	DRY	1.78 *
-------------------	-----	-----	-----	--------

Survey: EHCHEM Station: BH-02

Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	140	PPB Q	DRY	2.22
DIETHYL PHTHALATE	200	PPB	DRY	4.17 *

Oyster larvae toxicity AET.

DIETHYL PHTHALATE	200	PPB	DRY	2.74 *
-------------------	-----	-----	-----	--------

Survey: EHCHEM Station: EH-01

Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	130	PPB Q	DRY	2.06
------------------------	-----	-------	-----	------

Survey: EHCHEM Station: EH-02

Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

1,2-DICHLOROBENZENE	38	PPB	DRY	1.09
BUTYL BENZYL PHTHALATE	170	PPB G	DRY	2.70

Survey: EHCHEM Station: EH-03
=====Date: 06/01/85 Sample ID: V6

Microtox bioassay AET.

DIETHYL PHTHALATE	54	PPB	DRY	1.13 *
-------------------	----	-----	-----	--------

Survey: EHCHEM Station: EH-04
=====Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	74	PPB	DRY	2.55
DIBENZO(A,H)ANTHRACENE	1300	PPB	DRY	5.65
ACENAPHTHENE	650	PPB	DRY	1.30
ANTHRACENE	3600	PPB	DRY	3.75
BENZO(A)ANTHRACENE	13000	PPB	DRY	10.00
BENZO(A)PYRENE	5800	PPB	DRY	3.63
BENZO(G,H,I)PERYLENE	2000	PPB	DRY	2.99
CHRYSENE	17000	PPB	DRY	12.14
FLUORANTHENE	10000	PPB	DRY	5.88
FLUORENE	1400	PPB G	DRY	2.59
INDENO(1,2,3-CD)PYRENE	1900	PPB	DRY	3.17
PHENANTHRENE	4500	PPB	DRY	3.00
SULFIDES	250	PPM	DRY	5.56
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	62000	PPB G	DRY	5.17
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	11000	PPB G	DRY	2.12
PYRENE	11000	PPB G	DRY	4.23

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	74	PPB	DRY	2.55
DIBENZO(A,H)ANTHRACENE	1300	PPB	DRY	5.65
ACENAPHTHENE	650	PPB	DRY	1.30
ANTHRACENE	3600	PPB	DRY	3.75
BENZO(A)ANTHRACENE	13000	PPB	DRY	8.13
BENZO(A)PYRENE	5800	PPB	DRY	3.63
BENZO(G,H,I)PERYLENE	2000	PPB	DRY	2.78
CHRYSENE	17000	PPB	DRY	6.07
FLUORANTHENE	10000	PPB	DRY	4.00
FLUORENE	1400	PPB G	DRY	2.59

INDENO(1,2,3-CD)PYRENE	1900	PPB	DRY	2.75
PHENANTHRENE	4500	PPB	DRY	3.00
PYRENE	11000	PPB G	DRY	3.33
SULFIDES	250	PPM	DRY	5.56
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	62000	PPB G	DRY	3.65
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	11000	PPB G	DRY	2.12

Survey: EHCHEM Station: EH-05

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	59	PPB	DRY	2.03
DIBENZO(A,H)ANTHRACENE	470	PPB	DRY	2.04
ANTHRACENE	1900	PPB	DRY	1.98
BENZO(A)ANTHRACENE	2900	PPB	DRY	2.23
BENZO(A)PYRENE	1800	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	710	PPB	DRY	1.06
CHRYSENE	5000	PPB	DRY	3.57
DIMETHYL PHTHALATE	210	PPB	DRY	2.96
FLUORANTHENE	5300	PPB	DRY	3.12
FLUORENE	590	PPB	DRY	1.09
INDENO(1,2,3-CD)PYRENE	650	PPB	DRY	1.08
PHENANTHRENE	2100	PPB	DRY	1.40
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	22000	PPB	DRY	1.83
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	5500	PPB	DRY	1.06
PYRENE	5300	PPB	DRY	2.04

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	59	PPB	DRY	2.03
DIBENZO(A,H)ANTHRACENE	470	PPB	DRY	2.04
ANTHRACENE	1900	PPB	DRY	1.98
BENZO(A)ANTHRACENE	2900	PPB	DRY	1.81
BENZO(A)PYRENE	1800	PPB	DRY	1.13
CHRYSENE	5000	PPB	DRY	1.79
DIMETHYL PHTHALATE	210	PPB	DRY	1.31
FLUORANTHENE	5300	PPB	DRY	2.12
FLUORENE	590	PPB	DRY	1.09
PHENANTHRENE	2100	PPB	DRY	1.40
PYRENE	5300	PPB	DRY	1.61
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	22000	PPB	DRY	1.29
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	5500	PPB	DRY	1.06

Survey: EHCHEM Station: EH-06

=====

Date: 06/01/85 Sample ID: V6

Microtox bioassay AET.

1,2-DICHLOROBENZENE	110	PPB	DRY	3.14
ANTHRACENE	1200	PPB	DRY	1.25
BUTYL BENZYL PHTHALATE	190	PPB Q	DRY	3.02
DIETHYL PHTHALATE	550	PPB	DRY	11.46 *
DIMETHYL PHTHALATE	86	PPB	DRY	1.21
SULFIDES	150	PPM	DRY	3.33

Oyster larvae toxicity AET.

1,2-DICHLOROBENZENE	110	PPB	DRY	2.20
ANTHRACENE	1200	PPB	DRY	1.25
DIETHYL PHTHALATE	550	PPB	DRY	7.53 *
SULFIDES	150	PPM	DRY	3.33

Survey: EHCHEM Station: EH-07

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	690	PPB	DRY	3.00
ANTHRACENE	2500	PPB	DRY	2.60
BENZO(A)ANTHRACENE	4000	PPB	DRY	3.08
BENZO(A)PYRENE	3500	PPB	DRY	2.19
BENZO(G,H,I)PERYLENE	1300	PPB	DRY	1.94
CHRYSENE	8300	PPB	DRY	5.93
FLUORANTHENE	4200	PPB	DRY	2.47
INDENO(1,2,3-CD)PYRENE	1400	PPB	DRY	2.33
PHENANTHRENE	2100	PPB	DRY	1.40
SULFIDES	50	PPM	DRY	1.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	28000	PPB	DRY	2.33
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	5700	PPB	DRY	1.10
PYRENE	4700	PPB	DRY	1.81

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	690	PPB	DRY	3.00
ANTHRACENE	2500	PPB	DRY	2.60
BENZO(A)ANTHRACENE	4000	PPB	DRY	2.50
BENZO(A)PYRENE	3500	PPB	DRY	2.19
BENZO(G,H,I)PERYLENE	1300	PPB	DRY	1.81
CHRYSENE	8300	PPB	DRY	2.96
FLUORANTHENE	4200	PPB	DRY	1.68
INDENO(1,2,3-CD)PYRENE	1400	PPB	DRY	2.03
PHENANTHRENE	2100	PPB	DRY	1.40
PYRENE	4700	PPB	DRY	1.42
SULFIDES	50	PPM	DRY	1.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	28000	PPB	DRY	1.65
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	5700	PPB	DRY	1.10

Survey: EHCHEM Station: EH-08

 Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

1,2-DICHLOROBENZENE	110	PPB	DRY	3.14
DIBENZO(A,H)ANTHRACENE	310	PPB	DRY	1.35
ACENAPHTHENE	9500	PPB	DRY	19.00
ANTHRACENE	12000	PPB	DRY	12.50
BENZO(A)ANTHRACENE	8200	PPB	DRY	6.31
BENZO(A)PYRENE	2700	PPB	DRY	1.69
BUTYL BENZYL PHTHALATE	210	PPB Q	DRY	3.33
CHRYSENE	8200	PPB	DRY	5.86
DIETHYL PHTHALATE	2300	PPB	DRY	47.92 *
DIMETHYL PHTHALATE	5900	PPB	DRY	83.10
FLUORANTHENE	40000	PPB	DRY	23.53
FLUORENE	7500	PPB	DRY	13.89
NAPHTHALENE	3000	PPB	DRY	1.43
PHENANTHRENE	23000	PPB	DRY	15.33
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	90000	PPB	DRY	7.50
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	55000	PPB	DRY	10.58
PYRENE	30000	PPB	DRY	11.54

Oyster larvae toxicity AET.

1,2-DICHLOROBENZENE	110	PPB	DRY	2.20
DIBENZO(A,H)ANTHRACENE	310	PPB	DRY	1.35
ACENAPHTHENE	9500	PPB	DRY	19.00
ANTHRACENE	12000	PPB	DRY	12.50
BENZO(A)ANTHRACENE	8200	PPB	DRY	5.13
BENZO(A)PYRENE	2700	PPB	DRY	1.69
CHRYSENE	8200	PPB	DRY	2.93
DIETHYL PHTHALATE	2300	PPB	DRY	31.51 *
DIMETHYL PHTHALATE	5900	PPB	DRY	36.87
FLUORANTHENE	40000	PPB	DRY	16.00
FLUORENE	7500	PPB	DRY	13.89
NAPHTHALENE	3000	PPB	DRY	1.43
PHENANTHRENE	23000	PPB	DRY	15.33
PHENOL	950	PPB	DRY	2.26
PYRENE	30000	PPB	DRY	9.09
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	90000	PPB	DRY	5.29
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	55000	PPB	DRY	10.58

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	74	PPB	DRY	2.55
DIBENZO(A,H)ANTHRACENE	730	PPB	DRY	3.17
ACENAPHTHENE	23000	PPB	DRY	46.00
ANTHRACENE	76000	PPB	DRY	79.17
BENZO(A)ANTHRACENE	12000	PPB	DRY	9.23
BENZO(A)PYRENE	4700	PPB	DRY	2.94

BENZO(G,H,I)PERYLENE	870	PPB	DRY	1.30
CHRYSENE	16000	PPB	DRY	11.43
DIETHYL PHTHALATE	60	PPB	DRY	1.25 *
DIMETHYL PHTHALATE	500	PPB	DRY	7.04
FLUORANTHENE	60000	PPB	DRY	35.29
FLUORENE	32000	PPB	DRY	59.26
INDENO(1,2,3-CD)PYRENE	1100	PPB	DRY	1.83
NAPHTHALENE	11000	PPB	DRY	5.24
PHENANTHRENE	58000	PPB	DRY	38.67
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	140000	PPB	DRY	11.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	200000	PPB	DRY	38.46
PYRENE	50000	PPB	DRY	19.23

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	74	PPB	DRY	2.55
DIBENZO(A,H)ANTHRACENE	730	PPB	DRY	3.17
ACENAPHTHENE	23000	PPB	DRY	46.00
ANTHRACENE	76000	PPB	DRY	79.17
BENZO(A)ANTHRACENE	12000	PPB	DRY	7.50
BENZO(A)PYRENE	4700	PPB	DRY	2.94
BENZO(G,H,I)PERYLENE	870	PPB	DRY	1.21
CHRYSENE	16000	PPB	DRY	5.71
DIMETHYL PHTHALATE	500	PPB	DRY	3.13
FLUORANTHENE	60000	PPB	DRY	24.00
FLUORENE	32000	PPB	DRY	59.26
INDENO(1,2,3-CD)PYRENE	1100	PPB	DRY	1.59
NAPHTHALENE	11000	PPB	DRY	5.24
PHENANTHRENE	58000	PPB	DRY	38.67
PYRENE	50000	PPB	DRY	15.15
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	140000	PPB	DRY	8.24
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	200000	PPB	DRY	38.46

Survey: EHCHM Station: EH-10

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	1500	PPB	DRY	6.52
ACENAPHTHENE	1300	PPB	DRY	2.60
ANTHRACENE	8000	PPB	DRY	8.33
BENZO(A)ANTHRACENE	16000	PPB	DRY	12.31
BENZO(A)PYRENE	8000	PPB	DRY	5.00
BENZO(G,H,I)PERYLENE	2900	PPB	DRY	4.33
CHRYSENE	26000	PPB	DRY	18.57
FLUORANTHENE	26000	PPB G	DRY	15.29
FLUORENE	2400	PPB	DRY	4.44
INDENO(1,2,3-CD)PYRENE	3300	PPB	DRY	5.50
PHENANTHRENE	11000	PPB	DRY	7.33
SULFIDES	880	PPM	DRY	19.56
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	110000	PPB G	DRY	9.17
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	23000	PPB	DRY	4.42

PYRENE	24000	PPB G	DRY	9.23
Oyster larvae toxicity AET.				

DIBENZO(A,H)ANTHRACENE	1500	PPB	DRY	6.52
ACENAPHTHENE	1300	PPB	DRY	2.60
ANTHRACENE	8000	PPB	DRY	8.33
BENZO(A)ANTHRACENE	16000	PPB	DRY	10.00
BENZO(A)PYRENE	8000	PPB	DRY	5.00
BENZO(G,H,I)PERYLENE	2900	PPB	DRY	4.03
CHRYSENE	26000	PPB	DRY	9.29
FLUORANTHENE	26000	PPB G	DRY	10.40
FLUORENE	2400	PPB	DRY	4.44
INDENO(1,2,3-CD)PYRENE	3300	PPB	DRY	4.78
PHENANTHRENE	11000	PPB	DRY	7.33
PYRENE	24000	PPB G	DRY	7.27
SULFIDES	880	PPM	DRY	19.56
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	110000	PPB G	DRY	6.47
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	23000	PPB	DRY	4.42

Survey: EHCHEM Station: EH-11

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	1100	PPB	DRY	4.78
ANTHRACENE	8600	PPB	DRY	8.96
BENZO(A)ANTHRACENE	6500	PPB	DRY	5.00
BENZO(A)PYRENE	5200	PPB	DRY	3.25
BENZO(G,H,I)PERYLENE	1800	PPB	DRY	2.69
CHRYSENE	12000	PPB	DRY	8.57
FLUORANTHENE	4400	PPB	DRY	2.59
FLUORENE	590	PPB	DRY	1.09
INDENO(1,2,3-CD)PYRENE	2100	PPB	DRY	3.50
PHENANTHRENE	2700	PPB	DRY	1.80
SULFIDES	280	PPM	DRY	6.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	46000	PPB	DRY	3.83
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	13000	PPB	DRY	2.50
PYRENE	13000	PPB	DRY	5.00

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	1100	PPB	DRY	4.78
ANTHRACENE	8600	PPB	DRY	8.96
BENZO(A)ANTHRACENE	6500	PPB	DRY	4.06
BENZO(A)PYRENE	5200	PPB	DRY	3.25
BENZO(G,H,I)PERYLENE	1800	PPB	DRY	2.50
CHRYSENE	12000	PPB	DRY	4.29
FLUORANTHENE	4400	PPB	DRY	1.76
FLUORENE	590	PPB	DRY	1.09
INDENO(1,2,3-CD)PYRENE	2100	PPB	DRY	3.04
PHENANTHRENE	2700	PPB	DRY	1.80

PHENOL	590	PPB	DRY	1.40
PYRENE	13000	PPB	DRY	3.94
SULFIDES	280	PPM	DRY	6.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	46000	PPB	DRY	2.71
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	13000	PPB	DRY	2.50

Survey: EHCHEM Station: EH-12

=====

Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	390	PPB	DRY	1.70
ANTHRACENE	1200	PPB	DRY	1.25
BENZO(A)ANTHRACENE	1900	PPB	DRY	1.46
BENZO(A)PYRENE	1800	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	800	PPB	DRY	1.19
CHRYSENE	5000	PPB	DRY	3.57
FLUORANTHENE	2600	PPB	DRY	1.53
INDENO(1,2,3-CD)PYRENE	840	PPB	DRY	1.40
PHENANTHRENE	1600	PPB	DRY	1.07
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	16000	PPB	DRY	1.33

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	390	PPB	DRY	1.70
ANTHRACENE	1200	PPB	DRY	1.25
BENZO(A)ANTHRACENE	1900	PPB	DRY	1.19
BENZO(A)PYRENE	1800	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	800	PPB	DRY	1.11
CHRYSENE	5000	PPB	DRY	1.79
FLUORANTHENE	2600	PPB	DRY	1.04
INDENO(1,2,3-CD)PYRENE	840	PPB	DRY	1.22
PHENANTHRENE	1600	PPB	DRY	1.07

Survey: EHCHEM Station: EH-13

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

CHRYSENE	2000	PPB	DRY	1.43
DIETHYL PHTHALATE	70	PPB	DRY	1.46 *
SULFIDES	210	PPM	DRY	4.67

Oyster larvae toxicity AET.

SULFIDES	210	PPM	DRY	4.67
----------	-----	-----	-----	------

Survey: EHCHEM Station: EH-14

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	390	PPB	DRY	1.70
ANTHRACENE	1400	PPB	DRY	1.46
BENZO(A)ANTHRACENE	2800	PPB	DRY	2.15
BENZO(A)PYRENE	2000	PPB	DRY	1.25
BENZO(G,H,I)PERYLENE	810	PPB	DRY	1.21
CHRYSENE	4600	PPB	DRY	3.29
FLUORANTHENE	2700	PPB	DRY	1.59
INDENO(1,2,3-CD)PYRENE	940	PPB	DRY	1.57
PHENANTHRENE	1800	PPB	DRY	1.20
SULFIDES	100	PPM	DRY	2.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	17000	PPB	DRY	1.42

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	390	PPB	DRY	1.70
ANTHRACENE	1400	PPB	DRY	1.46
BENZO(A)ANTHRACENE	2800	PPB	DRY	1.75
BENZO(A)PYRENE	2000	PPB	DRY	1.25
BENZO(G,H,I)PERYLENE	810	PPB	DRY	1.13
CHRYSENE	4600	PPB	DRY	1.64
FLUORANTHENE	2700	PPB	DRY	1.08
INDENO(1,2,3-CD)PYRENE	940	PPB	DRY	1.36
PHENANTHRENE	1800	PPB	DRY	1.20
SULFIDES	100	PPM	DRY	2.22

Survey: EHCHEM Station: EH-15

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	72	PPB	DRY	2.48
DIBENZO(A,H)ANTHRACENE	510	PPB	DRY	2.22
ACENAPHTHENE	980	PPB	DRY	1.96
ANTHRACENE	13000	PPB	DRY	13.54
BENZO(A)ANTHRACENE	3000	PPB	DRY	2.31
BENZO(A)PYRENE	2300	PPB	DRY	1.44
BENZO(G,H,I)PERYLENE	860	PPB	DRY	1.28
BUTYL BENZYL PHTHALATE	260	PPB Q	DRY	4.13
CHRYSENE	4700	PPB	DRY	3.36
DIETHYL PHTHALATE	1200	PPB	DRY	25.00 *
DIMETHYL PHTHALATE	190	PPB	DRY	2.68
FLUORANTHENE	9800	PPB	DRY	5.76
FLUORENE	1800	PPB	DRY	3.33
INDENO(1,2,3-CD)PYRENE	880	PPB	DRY	1.47

NAPHTHALENE	2400	PPB	DRY	1.14
PHENANTHRENE	5400	PPB	DRY	3.60
SULFIDES	50	PPM	DRY	1.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	33000	PPB	DRY	2.75
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB	DRY	4.62
PYRENE	11000	PPB	DRY	4.23

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	72	PPB	DRY	2.48
DIBENZO(A,H)ANTHRACENE	510	PPB	DRY	2.22
ACENAPHTHENE	980	PPB	DRY	1.96
ANTHRACENE	13000	PPB	DRY	13.54
BENZO(A)ANTHRACENE	3000	PPB	DRY	1.88
BENZO(A)PYRENE	2300	PPB	DRY	1.44
BENZO(G,H,I)PERYLENE	860	PPB	DRY	1.19
CHRYSENE	4700	PPB	DRY	1.68
DIETHYL PHTHALATE	1200	PPB	DRY	16.44 *
DIMETHYL PHTHALATE	190	PPB	DRY	1.19
FLUORANTHENE	9800	PPB	DRY	3.92
FLUORENE	1800	PPB	DRY	3.33
INDENO(1,2,3-CD)PYRENE	880	PPB	DRY	1.28
NAPHTHALENE	2400	PPB	DRY	1.14
PHENANTHRENE	5400	PPB	DRY	3.60
PHENOL	670	PPB	DRY	1.60
PYRENE	11000	PPB	DRY	3.33
SULFIDES	50	PPM	DRY	1.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	33000	PPB	DRY	1.94
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB	DRY	4.62

Survey: EHCHEM Station: EH-16

Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	80	PPB Q	DRY	1.27
DIMETHYL PHTHALATE	990	PPB	DRY	13.94

Oyster larvae toxicity AET.

DIMETHYL PHTHALATE	990	PPB	DRY	6.19
PHENOL	650	PPB	DRY	1.55

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

1,2-DICHLOROBENZENE	63	PPB	DRY	1.80
BUTYL BENZYL PHTHALATE	110	PPB Q	DRY	1.75
DIETHYL PHTHALATE	450	PPB L	DRY	9.38 *
DIMETHYL PHTHALATE	700	PPB	DRY	9.86

PHENANTHRENE	1800	PPB	DRY	1.20
SULFIDES	80	PPM	DRY	1.78

Oyster larvae toxicity AET.

1,2-DICHLOROBENZENE	63	PPB	DRY	1.26
DIETHYL PHTHALATE	450	PPB L	DRY	6.16 *
DIMETHYL PHTHALATE	700	PPB	DRY	4.38
PHENANTHRENE	1800	PPB	DRY	1.20
SULFIDES	80	PPM	DRY	1.78

Survey: ENCHEM Station: EH-17

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	240	PPB	DRY	1.04
BENZO(A)ANTHRACENE	1600	PPB	DRY	1.23
CHRYSENE	3000	PPB	DRY	2.14
FLUORANTHENE	3600	PPB	DRY	2.12
INDENO(1,2,3-CD)PYRENE	690	PPB	DRY	1.15
SULFIDES	240	PPM	DRY	5.33
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	14000	PPB	DRY	1.17
PYRENE	3000	PPB	DRY	1.15

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	240	PPB	DRY	1.04
CHRYSENE	3000	PPB	DRY	1.07
FLUORANTHENE	3600	PPB	DRY	1.44
SULFIDES	240	PPM	DRY	5.33

Survey: ENCHEM Station: EH-18

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

1,2-DICHLOROBENZENE	59	PPB	DRY	1.69
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
BUTYL BENZYL PHTHALATE	330	PPB Q	DRY	5.24
CHRYSENE	2400	PPB	DRY	1.71
DIETHYL PHTHALATE	2400	PPB	DRY	50.00 *
DIMETHYL PHTHALATE	11000	PPB	DRY	154.93
FLUORANTHENE	3900	PPB	DRY	2.29
INDENO(1,2,3-CD)PYRENE	670	PPB	DRY	1.12
PHENANTHRENE	2600	PPB	DRY	1.73
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	13000	PPB	DRY	1.08
PYRENE	3000	PPB	DRY	1.15

MERCURY	0.61	PPM	DRY	1.49
---------	------	-----	-----	------

Oyster larvae toxicity AET.

1,2-DICHLOROBENZENE	59	PPB	DRY	1.18
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
DIETHYL PHTHALATE	2400	PPB	DRY	32.88 *
DIMETHYL PHTHALATE	11000	PPB	DRY	68.75
FLUORANTHENE	3900	PPB	DRY	1.56
PHENANTHRENE	2600	PPB	DRY	1.73
MERCURY	0.61	PPM	DRY	1.03

Survey: EHCHEM Station: EH-19

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	95	PPB	DRY	3.28
DIBENZO(A,H)ANTHRACENE	1700	PPB	DRY	7.39
PENTACHLOROPHENOL	150	PPB	DRY	1.07 *
ACENAPHTHENE	2700	PPB	DRY	5.40
ANTHRACENE	7300	PPB G	DRY	7.60
BENZO(A)ANTHRACENE	9000	PPB	DRY	6.92
BENZO(A)PYRENE	5800	PPB	DRY	3.63
BENZO(G,H,I)PERYLENE	2600	PPB	DRY	3.88
BUTYL BENZYL PHTHALATE	69	PPB Q	DRY	1.10
CHRYSENE	20000	PPB	DRY	14.29
FLUORANTHENE	22000	PPB G	DRY	12.94
FLUORENE	3300	PPB	DRY	6.11
INDENO(1,2,3-CD)PYRENE	2400	PPB	DRY	4.00
NAPHTHALENE	3300	PPB	DRY	1.57
PHENANTHRENE	15000	PPB G	DRY	10.00
SULFIDES	230	PPM	DRY	5.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	83000	PPB G	DRY	6.92
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	32000	PPB G	DRY	6.15
PYRENE	19000	PPB G	DRY	7.31

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	95	PPB	DRY	3.28
DIBENZO(A,H)ANTHRACENE	1700	PPB	DRY	7.39
PENTACHLOROPHENOL	150	PPB	DRY	1.07 *
ACENAPHTHENE	2700	PPB	DRY	5.40
ANTHRACENE	7300	PPB G	DRY	7.60
BENZO(A)ANTHRACENE	9000	PPB	DRY	5.63
BENZO(A)PYRENE	5800	PPB	DRY	3.63
BENZO(G,H,I)PERYLENE	2600	PPB	DRY	3.61
CHRYSENE	20000	PPB	DRY	7.14
FLUORANTHENE	22000	PPB G	DRY	8.80
FLUORENE	3300	PPB	DRY	6.11
INDENO(1,2,3-CD)PYRENE	2400	PPB	DRY	3.48
NAPHTHALENE	3300	PPB	DRY	1.57

PHENANTHRENE	15000	PPB G	DRY	10.00
PYRENE	19000	PPB G	DRY	5.76
SULFIDES	230	PPM	DRY	5.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	83000	PPB G	DRY	4.88
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	32000	PPB G	DRY	6.15
P,P'-DDE	2.0	PPB E	DRY	2.38 *

Survey: EHCHEM Station: EH-20
=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

SULFIDES	60	PPM	DRY	1.33
----------	----	-----	-----	------

Oyster larvae toxicity AET.

SULFIDES	60	PPM	DRY	1.33
----------	----	-----	-----	------

Survey: EHCHEM Station: EH-22
=====

Date: 06/01/85 Sample ID: B1

Microtox bioassay AET.

DIETHYL PHTHALATE	100	PPB	DRY	2.08 *
FLUORANTHENE	1800	PPB	DRY	1.06
SULFIDES	100	PPM	DRY	2.22

Oyster larvae toxicity AET.

DIETHYL PHTHALATE	100	PPB	DRY	1.37 *
SULFIDES	100	PPM	DRY	2.22

Survey: EHCHEM Station: EH-23
=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

SULFIDES	70	PPM	DRY	1.56
----------	----	-----	-----	------

Oyster larvae toxicity AET.

SULFIDES	70	PPM	DRY	1.56
----------	----	-----	-----	------

Survey: EHCHEM Station: EH-24

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

DIETHYL PHTHALATE	64	PPB	DRY	1.33 *
-------------------	----	-----	-----	--------

Survey: EHCHEM Station: RB-01

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	63	PPB	DRY	2.17
---------------------	----	-----	-----	------

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	63	PPB	DRY	2.17
---------------------	----	-----	-----	------

Survey: EHCHEM Station: RB-02

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	180	PPB Q	DRY	2.86
------------------------	-----	-------	-----	------

Survey: EHCHEM Station: RB-03

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	60	PPB	DRY	2.07
---------------------	----	-----	-----	------

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	60	PPB	DRY	2.07
---------------------	----	-----	-----	------

Survey: EHCHEM Station: RB-04

=====

Date: 06/01/85 Sample ID: V1

Microtox bioassay AET.

2,4-DIMETHYL PHENOL	62	PPB	DRY	2.14
---------------------	----	-----	-----	------

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	62	PPB	DRY	2.14
---------------------	----	-----	-----	------

Survey: EHCHEM Station: RB-06
=====Date: 06/01/85 Sample ID: B1
-----Microtox bioassay AET.

2,4-DIMETHYL PHENOL	47	PPB	DRY	1.62
---------------------	----	-----	-----	------

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	47	PPB	DRY	1.62
---------------------	----	-----	-----	------

Survey: EHCHEM Station: RB-07
=====Date: 06/01/85 Sample ID: V1
-----Microtox bioassay AET.

2,4-DIMETHYL PHENOL	59	PPB	DRY	2.03
---------------------	----	-----	-----	------

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	59	PPB	DRY	2.03
---------------------	----	-----	-----	------

Survey: EHCHEM Station: WP-01
=====Date: 06/01/85 Sample ID: V1
-----Microtox bioassay AET.

2,4-DIMETHYL PHENOL	51	PPB	DRY	1.76
---------------------	----	-----	-----	------

Oyster larvae toxicity AET.

2,4-DIMETHYL PHENOL	51	PPB	DRY	1.76
PHENOL	450	PPB	DRY	1.07

Survey: EIGHTBAY Station: SC-06

=====

Date: 01/01/82 Sample ID: SC-06

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	1300	PPB	DRY	10.00
SILVER	3.7	PPM	DRY	6.61 *
MERCURY	1.4	PPM	DRY	3.41

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	1300	PPB	DRY	1.18
SILVER	3.7	PPM	DRY	6.61 *
MERCURY	1.4	PPM	DRY	2.37

Survey: EIGHTBAY Station: SC-07

=====

Date: 01/01/82 Sample ID: SC-07

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	590	PPB	DRY	4.54
SILVER	2.3	PPM	DRY	4.11 *
COPPER	810	PPM	DRY	2.08
MERCURY	1.3	PPM	DRY	3.17

Oyster larvae toxicity AET.

SILVER	2.3	PPM	DRY	4.11 *
COPPER	810	PPM	DRY	2.08
MERCURY	1.3	PPM	DRY	2.20

Survey: EIGHTBAY Station: SC-08

=====

Date: 01/01/82 Sample ID: SC-08

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	650	PPB	DRY	5.00
SILVER	2.3	PPM	DRY	4.11 *
MERCURY	1.2	PPM	DRY	2.93

Oyster larvae toxicity AET.

SILVER	2.3	PPM	DRY	4.11 *
MERCURY	1.2	PPM	DRY	2.03

Survey: EIGHTBAY Station: SC-14

Date: 01/01/82 Sample ID: SC-14

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	1700	PPB	DRY	13.08
SILVER	2.3	PPM	DRY	4.11 *
MERCURY	1.6	PPM	DRY	3.90

Oyster larvae toxicity AET.

POLYCHLORINATED BIPHENYLS	1700	PPB	DRY	1.55
SILVER	2.3	PPM	DRY	4.11 *
MERCURY	1.6	PPM	DRY	2.71

Survey: EIGHTBAY Station: SC-17

Date: 01/01/82 Sample ID: SC-17

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	230	PPB	DRY	1.77
SILVER	1.3	PPM	DRY	2.32 *
MERCURY	0.7	PPM	DRY	1.71

Oyster larvae toxicity AET.

SILVER	1.3	PPM	DRY	2.32 *
MERCURY	0.7	PPM	DRY	1.19

Survey: EIGHTBAY Station: SC-18

Date: 01/01/82 Sample ID: SC-18

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	230	PPB	DRY	1.77
SILVER	1.6	PPM	DRY	2.86 *
MERCURY	0.72	PPM	DRY	1.76

Oyster larvae toxicity AET.

SILVER	1.6	PPM	DRY	2.86 *
MERCURY	0.72	PPM	DRY	1.22

Survey: EIGHTBAY Station: SC-19

=====

Date: 01/01/82 Sample ID: SC-19

Microtox bioassay AET.

SILVER	1.4	PPM	DRY	2.50 *
MERCURY	2.1	PPM	DRY	5.12

Oyster larvae toxicity AET.

SILVER	1.4	PPM	DRY	2.50 *
MERCURY	2.1	PPM	DRY	3.56

Survey: EIGHTBAY Station: SC-20

=====

Date: 01/01/82 Sample ID: SC-20

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1900	PPB	DRY	1.46
BENZO(G,H,I)PERYLENE	1000	PPB	DRY	1.49
CHRYSENE	2000	PPB	DRY	1.43
FLUORANTHENE	5200	PPB	DRY	3.06
FLUORENE	980	PPB	DRY	1.81
INDENO(1,2,3-CD)PYRENE	640	PPB	DRY	1.07
POLYCHLORINATED BIPHENYLS	380	PPB	DRY	2.92
PHENANTHRENE	8900	PPB	DRY	5.93
SILVER	2.7	PPM	DRY	4.82 *
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	20000	PPB	DRY	1.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	11000	PPB	DRY	2.12
PYRENE	6400	PPB	DRY	2.46
MERCURY	1.6	PPM	DRY	3.90

Oyster larvae toxicity AET.

BENZO(A)ANTHRACENE	1900	PPB	DRY	1.19
BENZO(G,H,I)PERYLENE	1000	PPB	DRY	1.39
FLUORANTHENE	5200	PPB	DRY	2.08
FLUORENE	980	PPB	DRY	1.81
PHENANTHRENE	8900	PPB	DRY	5.93
PYRENE	6400	PPB	DRY	1.94
SILVER	2.7	PPM	DRY	4.82 *
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	20000	PPB	DRY	1.18
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	11000	PPB	DRY	2.12
MERCURY	1.6	PPM	DRY	2.71

Survey: EIGHTBAY Station: CS-01

=====

Date: 01/01/82 Sample ID: CS-01

Microtox bioassay AET.

SILVER 0.57 PPM DRY 1.02 *

Oyster larvae toxicity AET.

PHENOL 560 PPB DRY 1.33
SILVER 0.57 PPM DRY 1.02 *

Survey: EIGHTBAY Station: DB-07
=====

Date: 01/01/82 Sample ID: DB-07

Microtox bioassay AET.

SILVER 0.78 PPM DRY 1.39 *

Oyster larvae toxicity AET.

SILVER 0.78 PPM DRY 1.39 *

Survey: EIGHTBAY Station: EL-09
=====

Date: 01/01/82 Sample ID: EL-09

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS 330 PPB DRY 2.54
SILVER 0.74 PPM DRY 1.32 *
MERCURY 1.7 PPM DRY 4.15

Oyster larvae toxicity AET.

SILVER 0.74 PPM DRY 1.32 *
MERCURY 1.7 PPM DRY 2.88

Survey: EIGHTBAY Station: EL-10
=====

Date: 01/01/82 Sample ID: EL-10

Microtox bioassay AET.

ACENAPHTHENE 630 PPB DRY 1.26

BENZO(A)ANTHRACENE	1400	PPB	DRY	1.08
CHRYSENE	1500	PPB	DRY	1.07
FLUORANTHENE	2300	PPB	DRY	1.35
POLYCHLORINATED BIPHENYLS	280	PPB	DRY	2.15
PHENANTHRENE	2100	PPB	DRY	1.40
SILVER	0.65	PPM	DRY	1.16 *
PYRENE	3400	PPB	DRY	1.31
LEAD	610	PPM	DRY	1.15
MERCURY	1.1	PPM	DRY	2.68

Oyster larvae toxicity AET.

ACENAPHTHENE	630	PPB	DRY	1.26
PHENANTHRENE	2100	PPB	DRY	1.40
PYRENE	3400	PPB	DRY	1.03
SILVER	0.65	PPM	DRY	1.16 *
MERCURY	1.1	PPM	DRY	1.86

Survey: EIGHTBAY Station: EL-12

Date: 01/01/82 Sample ID: EL-12

Microtox bioassay AET.

SILVER	0.68	PPM	DRY	1.21 *
--------	------	-----	-----	--------

Oyster larvae toxicity AET.

SILVER	0.68	PPM	DRY	1.21 *
--------	------	-----	-----	--------

Survey: EIGHTBAY Station: EL-17

Date: 01/01/82 Sample ID: EL-17

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	650	PPB	DRY	5.00
SILVER	0.65	PPM	DRY	1.16 *
MERCURY	0.58	PPM	DRY	1.41

Oyster larvae toxicity AET.

SILVER	0.65	PPM	DRY	1.16 *
--------	------	-----	-----	--------

Survey: EIGHTBAY Station: EL-20

Date: 01/01/82 Sample ID: EL-20

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	640	PPB	DRY	4.92
SILVER	0.6	PPM	DRY	1.07 *
MERCURY	0.78	PPM	DRY	1.90

Oyster larvae toxicity AET.

SILVER	0.6	PPM	DRY	1.07 *
MERCURY	0.78	PPM	DRY	1.32

Survey: EIGHTBAY Station: EL-22

Date: 01/01/82 Sample ID: EL-22

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	690	PPB	DRY	5.31
SILVER	0.67	PPM	DRY	1.20 *
MERCURY	0.51	PPM	DRY	1.24

Oyster larvae toxicity AET.

SILVER	0.67	PPM	DRY	1.20 *
--------	------	-----	-----	--------

Survey: EIGHTBAY Station: EL-23

Date: 01/01/82 Sample ID: EL-23

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	150	PPB	DRY	1.15
---------------------------	-----	-----	-----	------

Survey: EIGHTBAY Station: SM-01

Date: 01/01/82 Sample ID: SM-01

Microtox bioassay AET.

BIS(2-ETHYLHEXYL)PHTHALATE	2800	PPB	DRY	1.47
----------------------------	------	-----	-----	------

Oyster larvae toxicity AET.

BIS(2-ETHYLHEXYL)PHTHALATE	2800	PPB	DRY	1.47
----------------------------	------	-----	-----	------

Survey: EIGHTBAY Station: EV-01

Date: 01/01/82 Sample ID: EV-01

Microtox bioassay AET.

FLUORANTHENE	4800	PPB	DRY	2.82
POLYCHLORINATED BIPHENYLS	450	PPB	DRY	3.46
PHENANTHRENE	1900	PPB	DRY	1.27

Oyster larvae toxicity AET.

FLUORANTHENE	4800	PPB	DRY	1.92
PHENANTHRENE	1900	PPB	DRY	1.27

Survey: EIGHTBAY Station: EV-03

Date: 01/01/82 Sample ID: EV-03

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	520	PPB	DRY	4.00
TOTAL VOLATILE SOLIDS	25.44	PCT	DRY	1.15

Oyster larvae toxicity AET.

TOTAL VOLATILE SOLIDS	25.44	PCT	DRY	1.15
-----------------------	-------	-----	-----	------

Survey: EIGHTBAY Station: EV-04

Date: 01/01/82 Sample ID: EV-04

Microtox bioassay AET.

ACENAPHTHENE	3300	PPB	DRY	6.60
ACENAPHTHYLENE	770	PPB	DRY	1.37 *
BUTYL BENZYL PHTHALATE	440	PPB	DRY	6.98
FLUORANTHENE	4100	PPB	DRY	2.41
FLUORENE	2100	PPB	DRY	3.89
NAPHTHALENE	5900	PPB	DRY	2.81
POLYCHLORINATED BIPHENYLS	970	PPB	DRY	7.46
PHENANTHRENE	4700	PPB	DRY	3.13
PHENOL	1400	PPB	DRY	1.17
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	17000	PPB	DRY	3.27
TOTAL ORGANIC CARBON	15.42	PCT	DRY	1.02
TOTAL VOLATILE SOLIDS	35.06	PCT	DRY	1.58

Oyster larvae toxicity AET.

ACENAPHTHENE	3300	PPB	DRY	6.60
ACENAPHTHYLENE	770	PPB	DRY	1.37 *
FLUORANTHENE	4100	PPB	DRY	1.64
FLUORENE	2100	PPB	DRY	3.89
NAPHTHALENE	5900	PPB	DRY	2.81
PHENANTHRENE	4700	PPB	DRY	3.13
PHENOL	1400	PPB	DRY	3.33
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	17000	PPB	DRY	3.27
TOTAL ORGANIC CARBON	15.42	PCT	DRY	1.02
TOTAL VOLATILE SOLIDS	35.06	PCT	DRY	1.58

Survey: EIGHTBAY Station: EV-05
=====

Date: 01/01/82 Sample ID: EV-05

Microtox bioassay AET.

FLUORANTHENE	1800	PPB	DRY	1.06
POLYCHLORINATED BIPHENYLS	390	PPB	DRY	3.00
TOTAL VOLATILE SOLIDS	25.99	PCT	DRY	1.17

Oyster larvae toxicity AET.

TOTAL VOLATILE SOLIDS	25.99	PCT	DRY	1.17
-----------------------	-------	-----	-----	------

Survey: EIGHTBAY Station: EV-07
=====

Date: 01/01/82 Sample ID: EV-07

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	160	PPB	DRY	1.23
PHENANTHRENE	1600	PPB	DRY	1.07

Oyster larvae toxicity AET.

PHENANTHRENE	1600	PPB	DRY	1.07
--------------	------	-----	-----	------

Survey: EIGHTBAY Station: EV-11
=====

Date: 01/01/82 Sample ID: EV-11

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	170	PPB	DRY	1.31
---------------------------	-----	-----	-----	------

Survey: EIGHTBAY Station: BH-03
=====

Date: 01/01/82 Sample ID: BH-03

Microtox bioassay AET.

COPPER	400	PPM	DRY	1.03
MERCURY	1.4	PPM	DRY	3.41
TOTAL VOLATILE SOLIDS	26.93	PCT	DRY	1.21

Oyster larvae toxicity AET.

COPPER	400	PPM	DRY	1.03
MERCURY	1.4	PPM	DRY	2.37
TOTAL VOLATILE SOLIDS	26.93	PCT	DRY	1.21

Survey: EIGHTBAY Station: BH-04
=====

Date: 01/01/82 Sample ID: BH-04

Microtox bioassay AET.

MERCURY	1.7	PPM	DRY	4.15
---------	-----	-----	-----	------

Oyster larvae toxicity AET.

MERCURY	1.7	PPM	DRY	2.88
---------	-----	-----	-----	------

Survey: EIGHTBAY Station: BH-05
=====

Date: 01/01/82 Sample ID: BH-05

Microtox bioassay AET.

MERCURY	0.81	PPM	DRY	1.98
---------	------	-----	-----	------

Oyster larvae toxicity AET.

MERCURY	0.81	PPM	DRY	1.37
---------	------	-----	-----	------

Survey: EIGHTBAY Station: BH-07
=====

Date: 01/01/82 Sample ID: BH-07

Microtox bioassay AET.

MERCURY 0.97 PPM DRY 2.37

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE 590 PPB DRY 1.40 *
MERCURY 0.97 PPM DRY 1.64

Survey: EIGHTBAY Station: BH-11
=====

Date: 01/01/82 Sample ID: BH-11

Microtox bioassay AET.

MERCURY 0.54 PPM DRY 1.32

Survey: EIGHTBAY Station: BH-12
=====

Date: 01/01/82 Sample ID: BH-12

Microtox bioassay AET.

MERCURY 0.64 PPM DRY 1.56

Oyster larvae toxicity AET.

MERCURY 0.64 PPM DRY 1.08

Survey: EIGHTBAY Station: BH-23
=====

Date: 01/01/82 Sample ID: BH-23

Microtox bioassay AET.

MERCURY 0.54 PPM DRY 1.32

Survey: EIGHTBAY Station: BH-24
=====

Date: 01/01/82 Sample ID: BH-24

Microtox bioassay AET.

MERCURY 0.59 PPM DRY 1.44

Survey: EVCHEM Station: ES-03

=====

Date: 10/06/86 Sample ID: ES-03G

Microtox bioassay AET.

4-METHYL PHENOL	1400	PPB	DRY	2.09
BENZOIC ACID	760	PPB E	DRY	1.17

Oyster larvae toxicity AET.

4-METHYL PHENOL	1400	PPB	DRY	2.09
BENZOIC ACID	760	PPB E	DRY	1.17
PHENOL	1200	PPB Z	DRY	2.86

Survey: EVCHEM Station: EW-01

=====

Date: 10/07/86 Sample ID: EW-01G Field rep: EW01

Microtox bioassay AET.

2,4,5-TRICHLOROPHENOL	88	PPB	DRY	3.03 *
2,4,6-TRICHLOROPHENOL	290	PPB	DRY	11.60 *
4-METHYL PHENOL	6000	PPB	DRY	8.96
BUTYL BENZYL PHTHALATE	70	PPB	DRY	1.11
TOTAL NITROGEN (NO3+NO3+NH4)	0.59	PCT	DRY	2.11
N-NITROSO DIPHENYLAMINE	57	PPB	DRY	1.42
PHENOL	1600	PPB Z	DRY	1.33

Oyster larvae toxicity AET.

2,4,5-TRICHLOROPHENOL	88	PPB	DRY	3.03 *
2,4,6-TRICHLOROPHENOL	290	PPB	DRY	11.60 *
4-METHYL PHENOL	6000	PPB	DRY	8.96
TOTAL NITROGEN (NO3+NO3+NH4)	0.59	PCT	DRY	2.11
PHENOL	1600	PPB Z	DRY	3.81

Survey: EVCHEM Station: EW-02

=====

Date: 09/30/86 Sample ID: EW-02G

Microtox bioassay AET.

2,4,5-TRICHLOROPHENOL	120	PPB	DRY	4.14 *
2,4,6-TRICHLOROPHENOL	240	PPB	DRY	9.60 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.51	PCT	DRY	1.82

SULFIDES 11000 PPM DRY 244.44

Oyster larvae toxicity AET.

 2,4,5-TRICHLOROPHENOL 120 PPB DRY 4.14 *
 2,4,6-TRICHLOROPHENOL 240 PPB DRY 9.60 *
 TOTAL NITROGEN (NO3+NO3+NH4) 0.51 PCT DRY 1.82
 SULFIDES 11000 PPM DRY 244.44

Survey: EVCHEM Station: EW-03

 Date: 09/30/86 Sample ID: EW-03G

Microtox bioassay AET.

 2,4,6-TRICHLOROPHENOL 48 PPB DRY 1.92 *
 TOTAL NITROGEN (NO3+NO3+NH4) 0.59 PCT DRY 2.11
 SULFIDES 9500 PPM DRY 211.11

Oyster larvae toxicity AET.

 2,4,6-TRICHLOROPHENOL 48 PPB DRY 1.92 *
 TOTAL NITROGEN (NO3+NO3+NH4) 0.59 PCT DRY 2.11
 SULFIDES 9500 PPM DRY 211.11

Survey: EVCHEM Station: EW-04

 Date: 09/30/86 Sample ID: EW-04G Field rep: EW04

Microtox bioassay AET.

 1,2-DICHLOROBENZENE 96 PPB DRY 2.74
 HEXADECENOIC ACID METHYL ESTER 3200 PPB E DRY 1.14 *
 2-METHYLNAPHTHALENE 5000 PPB DRY 7.46
 2-METHYLPHENOL 1200 PPB DRY 16.67 *
 2,4-DIMETHYL PHENOL 520 PPB DRY 17.93
 2,4,5-TRICHLOROPHENOL 71 PPB DRY 2.45 *
 2,4,6-TRICHLOROPHENOL 79 PPB DRY 3.16 *
 4-METHYL PHENOL 35000 PPB DRY 52.24
 PENTACHLOROPHENOL 460 PPB E DRY 3.29 *
 ACENAPHTHENE 3300 PPB DRY 6.60
 ACENAPHTHYLENE 620 PPB DRY 1.11 *
 BENZYL ALCOHOL 810 PPB DRY 14.21
 DIBENZOFURAN 2200 PPB DRY 4.07
 FLUORANTHENE 2300 PPB DRY 1.35
 FLUORENE 2300 PPB DRY 4.26
 NAPHTHALENE 10000 PPB DRY 4.76
 TOTAL NITROGEN (NO3+NO3+NH4) 0.5 PCT DRY 1.79
 POLYCHLORINATED BIPHENYLS 9600 PPB E DRY 73.85
 PHENANTHRENE 8100 PPB DRY 5.40

PHENOL	2100	PPB	DRY	1.75
RETENE	3100	PPB E	DRY	1.55 *
SULFIDES	7600	PPM	DRY	168.89
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	25000	PPB	DRY	4.81
TOTAL ORGANIC CARBON	29.4	PCT	DRY	1.95

Oyster larvae toxicity AET.

1,2-DICHLOROBENZENE	96	PPB	DRY	1.92
HEXADECENOIC ACID METHYL ESTER	3200	PPB E	DRY	1.14 *
2-METHYLNAPHTHALENE	5000	PPB	DRY	7.46
2-METHYLPHENOL	1200	PPB	DRY	19.05
2,4-DIMETHYL PHENOL	520	PPB	DRY	17.93
2,4,5-TRICHLOROPHENOL	71	PPB	DRY	2.45 *
2,4,6-TRICHLOROPHENOL	79	PPB	DRY	3.16 *
4-METHYL PHENOL	35000	PPB	DRY	52.24
PENTACHLOROPHENOL	460	PPB E	DRY	3.29 *
ACENAPHTHENE	3300	PPB	DRY	6.60
ACENAPHTHYLENE	620	PPB	DRY	1.11 *
BENZYL ALCOHOL	810	PPB	DRY	11.10
DIBENZOFURAN	2200	PPB	DRY	4.07
FLUORENE	2300	PPB	DRY	4.26
NAPHTHALENE	10000	PPB	DRY	4.76
TOTAL NITROGEN (NO3+NO3+NH4)	0.5	PCT	DRY	1.79
POLYCHLORINATED BIPHENYLS	9600	PPB E	DRY	8.73
PHENANTHRENE	8100	PPB	DRY	5.40
PHENOL	2100	PPB	DRY	5.00
RETENE	3100	PPB E	DRY	1.55 *
SULFIDES	7600	PPM	DRY	168.89
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	25000	PPB	DRY	4.81
TOTAL ORGANIC CARBON	29.4	PCT	DRY	1.95

Survey: EVCHEM Station: EW-05

Date: 09/30/86 Sample ID: EW-05G

Microtox bioassay AET.

2,4,6-TRICHLOROPHENOL	44	PPB	DRY	1.76 *
PENTACHLOROPHENOL	180	PPB E	DRY	1.29 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
SULFIDES	2700	PPM	DRY	60.00

Oyster larvae toxicity AET.

2,4,6-TRICHLOROPHENOL	44	PPB	DRY	1.76 *
PENTACHLOROPHENOL	180	PPB E	DRY	1.29 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
SULFIDES	2700	PPM	DRY	60.00

Survey: EVCHEM Station: EW-06

Date: 09/30/86 Sample ID: EW-06G

Microtox bioassay AET.

2,4,6-TRICHLOROPHENOL	27	PPB	DRY	1.08 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.36	PCT	JRY	1.29
SULFIDES	420	PPM	DRY	9.33

Oyster larvae toxicity AET.

2,4,6-TRICHLOROPHENOL	27	PPB	DRY	1.08 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.36	PCT	DRY	1.29
SULFIDES	420	PPM	DRY	9.33

Survey: EVCHEM Station: EW-07

Date: 09/30/86 Sample ID: EW-07G Field rep: EW07-----
Microtox bioassay AET.

2-METHYLNAPHTHALENE	7000	PPB	DRY	10.45
2-METHYLPHENOL	330	PPB LM	DRY	4.58 *
2,4-DIMETHYL PHENOL	100	PPB LM	DRY	3.45
4-METHYL PHENOL	100000	PPB	DRY	149.25
ACENAPHTHENE	1800	PPB	DRY	3.60
ANTHRACENE	1200	PPB	DRY	1.25
DIBENZOFURAN	1600	PPB	DRY	2.96
FLUORENE	1400	PPB	DRY	2.59
NAPHTHALENE	17000	PPB	DRY	8.10
PHENANTHRENE	1700	PPB	DRY	1.13
SILVER	0.72	PPM	DRY	1.29 *
SULFIDES	1200	PPM	DRY	26.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	23000	PPB	DRY	4.42

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	7000	PPB	DRY	10.45
2-METHYLPHENOL	330	PPB LM	DRY	5.24
2,4-DIMETHYL PHENOL	100	PPB LM	DRY	3.45
4-METHYL PHENOL	100000	PPB	DRY	149.25
ACENAPHTHENE	1800	PPB	DRY	3.60
ANTHRACENE	1200	PPB	DRY	1.25
DIBENZOFURAN	1600	PPB	DRY	2.96
FLUORENE	1400	PPB	DRY	2.59
NAPHTHALENE	17000	PPB	DRY	8.10
PHENANTHRENE	1700	PPB	DRY	1.13
PHENOL	1000	PPB	DRY	2.38
SILVER	0.72	PPM	DRY	1.29 *
SULFIDES	1200	PPM	DRY	26.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	23000	PPB	DRY	4.42

Survey: EVCHEM Station: EW-08

=====

Date: 09/30/86 Sample ID: EW-08G

Microtox bioassay AET.

TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
SULFIDES	2800	PPM	DRY	62.22

Oyster larvae toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
SULFIDES	2800	PPM	DRY	62.22

Survey: EVCHEM Station: EW-09

=====

Date: 09/30/86 Sample ID: EW-09G

Microtox bioassay AET.

2,4,6-TRICHLOROPHENOL	41	PPB	DRY	1.64 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.47	PCT	DRY	1.68
SULFIDES	2300	PPM	DRY	51.11

Oyster larvae toxicity AET.

2,4,6-TRICHLOROPHENOL	41	PPB	DRY	1.64 *
TOTAL NITROGEN (NO3+NO3+NH4)	0.47	PCT	DRY	1.68
SULFIDES	2300	PPM	DRY	51.11

Survey: EVCHEM Station: EW-10

=====

Date: 10/01/86 Sample ID: EW-10G Field rep: EW10

Microtox bioassay AET.

4-METHYL PHENOL	26000	PPB X	DRY	38.81
CHRYSENE	1700	PPB	DRY	1.21
NAPHTHALENE	2200	PPB X	DRY	1.05
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
PHENOL	2900	PPB	DRY	2.42
SILVER	0.78	PPM	DRY	1.39 *
SULFIDES	2900	PPM	DRY	64.44
MERCURY	0.47	PPM	DRY	1.15

Oyster larvae toxicity AET.

=====

4-METHYL PHENOL	26000	PPB X	DRY	38.81
NAPHTHALENE	2200	PPB X	DRY	1.05
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
PHENOL	2900	PPB	DRY	6.90
SILVER	0.78	PPM	DRY	1.39 *
SULFIDES	2900	PPM	DRY	64.44

Survey: EVCHEM Station: EW-11

Date: 09/30/86 Sample ID: EW-11G

Microtox bioassay AET.

4-METHYL PHENOL	7300	PPB	DRY	10.90
BENZYL ALCOHOL	58	PPB	DRY	1.02
SULFIDES	2100	PPM	DRY	46.67

Oyster larvae toxicity AET.

4-METHYL PHENOL	7300	PPB	DRY	10.90
PHENOL	1200	PPB	DRY	2.86
SULFIDES	2100	PPM	DRY	46.67

Survey: EVCHEM Station: EW-12

Date: 10/01/86 Sample ID: EW-12G Field rep: EW12

Microtox bioassay AET.

4-METHYL PHENOL	3600	PPB X	DRY	5.37
SULFIDES	240	PPM	DRY	5.33

Oyster larvae toxicity AET.

4-METHYL PHENOL	3600	PPB X	DRY	5.37
SULFIDES	240	PPM	DRY	5.33

Survey: EVCHEM Station: EW-13

Date: 10/01/86 Sample ID: EW-13G

Microtox bioassay AET.

2-METHYLNAPHTHALENE	6700	PPB	DRY	10.00
2,4,6-TRICHLOROPHENOL	44	PPB E	DRY	1.76 *
4-METHYL PHENOL	25000	PPB	DRY	37.31
ACENAPHTHENE	3400	PPB	DRY	6.80

ANTHRACENE	3400	PPB	DRY	3.54
DIBENZOFURAN	3100	PPB	DRY	5.74
FLUORANTHENE	3700	PPB	DRY	2.18
FLUORENE	2300	PPB	DRY	4.26
NAPHTHALENE	12000	PPB	DRY	5.71
PHENANTHRENE	2700	PPB	DRY	1.80
RETENE	2900	PPB E	DRY	1.45 *
SULFIDES	1200	PPM	DRY	26.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB	DRY	4.62
PYRENE	3000	PPB	DRY	1.15
TOTAL ORGANIC CARBON	22.7	PCT	DRY	1.50

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	6700	PPB	DRY	10.00
2,4,6-TRICHLOROPHENOL	44	PPB E	DRY	1.76 *
4-METHYL PHENOL	25000	PPB	DRY	37.31
ACENAPHTHENE	3400	PPB	DRY	6.80
ANTHRACENE	3400	PPB	DRY	3.54
DIBENZOFURAN	3100	PPB	DRY	5.74
FLUORANTHENE	3700	PPB	DRY	1.48
FLUORENE	2300	PPB	DRY	4.26
NAPHTHALENE	12000	PPB	DRY	5.71
PHENANTHRENE	2700	PPB	DRY	1.80
PHENOL	1200	PPB	DRY	2.86
RETENE	2900	PPB E	DRY	1.45 *
SULFIDES	1200	PPM	DRY	26.67
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB	DRY	4.62
TOTAL ORGANIC CARBON	22.7	PCT	DRY	1.50

Survey: EVCHEM Station: EW-14

Date: 10/01/86 Sample ID: EW-14G Field rep: EW14

Microtox bioassay AET.

2-METHYLNAPHTHALENE	6400	PPB	DRY	9.55
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
4-METHYL PHENOL	15000	PPB	DRY	22.39
ACENAPHTHENE	5200	PPB	DRY	10.40
ACENAPHTHYLENE	800	PPB	DRY	1.43 *
ANTHRACENE	6100	PPB	DRY	6.35
BENZO(A)ANTHRACENE	3200	PPB	DRY	2.46
BENZO(A)PYRENE	1700	PPB	DRY	1.06
BENZOIC ACID	5900	PPB	DRY	9.08
CHRYSENE	3200	PPB	DRY	2.29
DIBENZOFURAN	5000	PPB	DRY	9.26
DIBENZOTHIOPHENE	280	PPB	DRY	1.12
FLUORANTHENE	3400	PPB	DRY	2.00
FLUORENE	4300	PPB	DRY	7.96
INDENO(1,2,3-CD)PYRENE	730	PPB	DRY	1.22
NAPHTHALENE	7000	PPB	DRY	3.33
PHENANTHRENE	4800	PPB	DRY	3.20

PHENOL	1300	PPB	DRY	1.08
SILVER	1.0	PPM	DRY	1.79 *
SULFIDES	700	PPM	DRY	15.56
TOTAL BENZOFLUORANTHENES (B + K)	4100	PPB	DRY	1.28
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	23000	PPB	DRY	1.92
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	28000	PPB	DRY	5.38
PYRENE	5500	PPB	DRY	2.12
COPPER	1000	PPM	DRY	2.56
MERCURY	0.78	PPM	DRY	1.90
ZINC	5900	PPM	DRY	3.69

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	6400	PPB	DRY	9.55
DIBENZO(A,H)ANTHRACENE	270	PPB	DRY	1.17
4-METHYL PHENOL	15000	PPB	DRY	22.39
ACENAPHTHENE	5200	PPB	DRY	10.40
ACENAPHTHYLENE	800	PPB	DRY	1.43 *
ANTHRACENE	6100	PPB	DRY	6.35
BENZO(A)ANTHRACENE	3200	PPB	DRY	2.00
BENZO(A)PYRENE	1700	PPB	DRY	1.06
BENZOIC ACID	5900	PPB	DRY	9.08
CHRYSENE	3200	PPB	DRY	1.14
DIBENZOFURAN	5000	PPB	DRY	9.26
DIBENZOTHIOPHENE	280	PPB	DRY	1.17
FLUORANTHENE	3400	PPB	DRY	1.36
FLUORENE	4300	PPB	DRY	7.96
INDENO(1,2,3-CD)PYRENE	730	PPB	DRY	1.06
NAPHTHALENE	7000	PPB	DRY	3.33
PHENANTHRENE	4800	PPB	DRY	3.20
PHENOL	1300	PPB	DRY	3.10
PYRENE	5500	PPB	DRY	1.67
SILVER	1.0	PPM	DRY	1.79 *
SULFIDES	700	PPM	DRY	15.56
TOTAL BENZOFLUORANTHENES (B + K)	4100	PPB	DRY	1.14
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	23000	PPB	DRY	1.35
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	28000	PPB	DRY	5.38
COPPER	1000	PPM	DRY	2.56
MERCURY	0.78	PPM	DRY	1.32
ZINC	5900	PPM	DRY	3.69

Survey: EVCHEM Station: EW-15

Date: 10/01/86 Sample ID: EW-15G

Microtox bioassay AET.

2-METHYLNAPHTHALENE	1100	PPB	DRY	1.64
4-METHYL PHENOL	7200	PPB	DRY	10.75
ACENAPHTHENE	740	PPB	DRY	1.48
NAPHTHALENE	2500	PPB	DRY	1.19
SULFIDES	370	PPM	DRY	8.22

Oyster larvae toxicity AET.

2-METHYLNAPHTHALENE	1100	PPB	DRY	1.64
4-METHYL PHENOL	7200	PPB	DRY	10.75
ACENAPHTHENE	740	PPB	DRY	1.48
NAPHTHALENE	2500	PPB	DRY	1.19
PHENOL	470	PPB	DRY	1.12
SULFIDES	370	PPM	DRY	8.22

Survey: EVCHEM Station: NG-02

=====

Date: 10/02/86 Sample ID: NG-02G Field rep: NG02

Microtox bioassay AET.

SULFIDES	67	PPM	DRY	1.49
----------	----	-----	-----	------

Oyster larvae toxicity AET.

SULFIDES	67	PPM	DRY	1.49
----------	----	-----	-----	------

Survey: EVCHEM Station: NG-03

=====

Date: 10/02/86 Sample ID: NG-03G Field rep: NG03

Microtox bioassay AET.

4-METHYL PHENOL	970	PPB X	DRY	1.45
-----------------	-----	-------	-----	------

Oyster larvae toxicity AET.

4-METHYL PHENOL	970	PPB X	DRY	1.45
-----------------	-----	-------	-----	------

Survey: EVCHEM Station: NG-04

=====

Date: 10/02/86 Sample ID: NG-04G Field rep: NG04

Microtox bioassay AET.

4-METHYL PHENOL	2400	PPB X	DRY	3.58
-----------------	------	-------	-----	------

Oyster larvae toxicity AET.

4-METHYL PHENOL	2400	PPB X	DRY	3.58
-----------------	------	-------	-----	------

Survey: EVCHEM Station: NG-05

=====

Date: 10/02/86 Sample ID: NG-05G

Microtox bioassay AET.

4-METHYL PHENOL	2700	PPB X	DRY	14.48
BENZOIC ACID	2100	PPB X	DRY	3.23

Oyster larvae toxicity AET.

4-METHYL PHENOL	9700	PPB X	DRY	14.48
BENZOIC ACID	2100	PPB X	DRY	3.23

Survey: EVCHEM Station: NG-07

=====

Date: 10/02/86 Sample ID: NG-07G

Microtox bioassay AET.

BENZOIC ACID	1700	PPB X	DRY	2.62
--------------	------	-------	-----	------

Oyster larvae toxicity AET.

BENZOIC ACID	1700	PPB X	DRY	2.62
--------------	------	-------	-----	------

Survey: EVCHEM Station: NG-08

=====

Date: 10/02/86 Sample ID: NG-08G

Microtox bioassay AET.

4-METHYL PHENOL	930	PPB X	DRY	1.39
BENZOIC ACID	1300	PPB X	DRY	2.00

Oyster larvae toxicity AET.

4-METHYL PHENOL	930	PPB X	DRY	1.39
BENZOIC ACID	1300	PPB X	DRY	2.00

Survey: EVCHEM Station: NG-09

=====

Date: 10/03/86 Sample ID: NG-09G

Microtox bioassay AET.

4-METHYL PHENOL	2400	PPB	DRY	3.58
ACENAPHTHENE	510	PPB	DRY	1.02
POLYCHLORINATED BIPHENYLS	5500	PPB E	DRY	42.31
PHENOL	2100	PPB	DRY	1.75
SULFIDES	290	PPM	DRY	6.44

Oyster larvae toxicity AET.

4-METHYL PHENOL	2400	PPB	DRY	3.58
ACENAPHTHENE	510	PPB	DRY	1.02
POLYCHLORINATED BIPHENYLS	5500	PPB E	DRY	5.00
PHENOL	2100	PPB	DRY	5.00
SULFIDES	290	PPM	DRY	6.44

Survey: EVCHEM Station: NG-10

Date: 10/03/86 Sample ID: NG-10G Field rep: NG10

Microtox bioassay AET.

4-METHYL PHENOL	1800	PPB	DRY	2.69
SULFIDES	54	PPM	DRY	1.20

Oyster larvae toxicity AET.

4-METHYL PHENOL	1800	PPB	DRY	2.69
PHENOL	1000	PPB	DRY	2.38
SULFIDES	54	PPM	DRY	1.20

Survey: EVCHEM Station: NG-11

Date: 10/03/86 Sample ID: NG-11G

Microtox bioassay AET.

4-METHYL PHENOL	1600	PPB	DRY	2.39
ACENAPHTHENE	560	PPB	DRY	1.12
FLUORENE	610	PPB	DRY	1.13
SULFIDES	330	PPM	DRY	7.33

Oyster larvae toxicity AET.

4-METHYL PHENOL	1600	PPB	DRY	2.39
ACENAPHTHENE	560	PPB	DRY	1.12
FLUORENE	610	PPB	DRY	1.13
PHENOL	1100	PPB	DRY	2.62
SULFIDES	330	PPM	DRY	7.33

Survey: EVCHEM Station: NG-13

=====

Date: 10/15/86 Sample ID: NG-13G

Oyster larvae toxicity AET.

PHENOL	800	PPB Z	DRY	1.90
--------	-----	-------	-----	------

Survey: EVCHEM Station: NG-14

=====

Date: 10/15/86 Sample ID: NG-14G

Microtox bioassay AET.

4-METHYL PHENOL	2100	PPB	DRY	3.13
-----------------	------	-----	-----	------

Oyster larvae toxicity AET.

4-METHYL PHENOL	2100	PPB	DRY	3.13
PHENOL	1200	PPB Z	DRY	2.86

Survey: EVCHEM Station: NG-15

=====

Date: 10/15/86 Sample ID: NG-15G

Microtox bioassay AET.

4-METHYL PHENOL	760	PPB	DRY	1.13
-----------------	-----	-----	-----	------

Oyster larvae toxicity AET.

4-METHYL PHENOL	760	PPB	DRY	1.13
PHENOL	710	PPB Z	DRY	1.69

Survey: EVCHEM Station: OG-01

=====

Date: 10/09/86 Sample ID: OG-01G

Microtox bioassay AET.

4-METHYL PHENOL	1300	PPB	DRY	1.94
-----------------	------	-----	-----	------

Oyster larvae toxicity AET.

4-METHYL PHENOL	1300	PPB	DRY	1.94
PHENOL	450	PPB Z	DRY	1.07

Survey: EVCHEM Station: OG-02

=====

Date: 10/09/86 Sample ID: OG-02G

Microtox bioassay AET.

4-METHYL PHENOL 1000 PPB DRY 1.49

Oyster larvae toxicity AET.

4-METHYL PHENOL 1000 PPB DRY 1.49

Survey: EVCHEM Station: OG-03

=====

Date: 10/09/86 Sample ID: OG-03G Field rep: OG03

Microtox bioassay AET.

4-METHYL PHENOL 1100 PPB DRY 1.64

Oyster larvae toxicity AET.

4-METHYL PHENOL 1100 PPB DRY 1.64

Survey: EVCHEM Station: OG-04

=====

Date: 10/09/86 Sample ID: OG-04G

Microtox bioassay AET.

4-METHYL PHENOL 1200 PPB DRY 1.79
SULFIDES 120 PPM DRY 2.67

Oyster larvae toxicity AET.

4-METHYL PHENOL 1200 PPB DRY 1.79
PHENOL 430 PPB 2 DRY 1.02
SULFIDES 120 PPM DRY 2.67

Survey: EVCHEM Station: OG-05

=====

Date: 10/09/86 Sample ID: OG-05G

Microtox bioassay AET.

4-METHYL PHENOL	910	PPB	DRY	1.36
SULFIDES	87	PPM	DRY	1.93

Oyster larvae toxicity AET.

4-METHYL PHENOL	910	PPB	DRY	1.36
SULFIDES	87	PPM	DRY	1.93

Survey: EVCHEM Station: OG-06

Date: 10/09/86 Sample ID: OG-06G

Microtox bioassay AET.

4-METHYL PHENOL	720	PPB	DRY	1.07
SULFIDES	130	PPM	DRY	2.89

Oyster larvae toxicity AET.

4-METHYL PHENOL	720	PPB	DRY	1.07
SULFIDES	130	PPM	DRY	2.89

Survey: EVCHEM Station: OG-07

Date: 10/09/86 Sample ID: OG-07G

Microtox bioassay AET.

SULFIDES	81	PPM	DRY	1.80
----------	----	-----	-----	------

Oyster larvae toxicity AET.

SULFIDES	81	PPM	DRY	1.80
----------	----	-----	-----	------

Survey: EVCHEM Station: SD-02

Date: 10/07/86 Sample ID: SD-02G Field rep: SD02

Microtox bioassay AET.

SULFIDES	93	PPM	DRY	2.07
----------	----	-----	-----	------

Oyster larvae toxicity AET.

SULFIDES	93	PPM	DRY	2.07
----------	----	-----	-----	------

Survey: EVCHEM Station: SD-03

=====

Date: 10/02/86 Sample ID: SD-03G

Microtox bioassay AET.

4-METHYL PHENOL	760	PPB X	DRY	1.13
BENZOIC ACID	770	PPB X	DRY	1.18
BENZYL ALCOHOL	99	PPB X	DRY	1.74
SULFIDES	230	PPM	DRY	5.11

Oyster larvae toxicity AET.

4-METHYL PHENOL	760	PPB X	DRY	1.13
BENZOIC ACID	770	PPB X	DRY	1.18
BENZYL ALCOHOL	99	PPB X	DRY	1.36
SULFIDES	230	PPM	DRY	5.11
P,P'-DDT	23	PPB	DRY	3.97 *

Survey: EVCHEM Station: SR-04

=====

Date: 10/06/86 Sample ID: SR-04G

Microtox bioassay AET.

4-METHYL PHENOL	980	PPB	DRY	1.46
SULFIDES	64	PPM	DRY	1.42

Oyster larvae toxicity AET.

4-METHYL PHENOL	980	PPB	DRY	1.46
SULFIDES	64	PPM	DRY	1.42

Survey: EVCHEM Station: SR-05

=====

Date: 10/06/86 Sample ID: SR-05G

Microtox bioassay AET.

4-METHYL PHENOL	2000	PPB	DRY	2.99
BENZOIC ACID	1000	PPB	DRY	1.54

Oyster larvae toxicity AET.

4-METHYL PHENOL	2000	PPB	DRY	2.99
BENZOIC ACID	1000	PPB	DRY	1.54

Survey: EVCHEM Station: SR-07

=====

Date: 10/03/86 Sample ID: SR-07G Field rep: SR07

Microtox bioassay AET.

SULFIDES 600 PPM DRY 13.33

Oyster larvae toxicity AET.

SULFIDES 600 PPM DRY 13.33

Survey: EVCHEM Station: SR-08

=====

Date: 10/03/86 Sample ID: SR-08G Field rep: SR08

Microtox bioassay AET.

SULFIDES 90 PPM DRY 2.00

Oyster larvae toxicity AET.

SULFIDES 90 PPM DRY 2.00

Survey: EVCHEM Station: SS-01

=====

Date: 10/06/86 Sample ID: SS-01G

Microtox bioassay AET.

N-NITROSO DIPHENYLAMINE 48 PPB DRY 1.20

Survey: EVCHEM Station: SS-03

=====

Date: 10/06/86 Sample ID: SS-03G

Microtox bioassay AET.

4-METHYL PHENOL 900 PPB DRY 1.34

Oyster larvae toxicity AET.

4-METHYL PHENOL 900 PPB DRY 1.34

Survey: EVCHEM Station: SS-05

=====

Date: 10/06/86 Sample ID: SS-05G

Microtox bioassay AET.

SULFIDES 96 PPM DRY 2.13

Oyster larvae toxicity AET.

SULFIDES 96 PPM DRY 2.13

Survey: EVERETT1 Station: EV-20

=====

Date: 01/01/85 Sample ID: EV-20

Microtox bioassay AET.

ACENAPHTHENE 560 PPB DRY 1.12

Oyster larvae toxicity AET.

ACENAPHTHENE 560 PPB DRY 1.12

Survey: TPPS3AB Station: EB-30

=====

Date: 03/15/82 Sample ID: 1824

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE 160 PPB DRY 2.54
POLYCHLORINATED BIPHENYLS 400 PPB DRY 3.08
SILVER 3.9 PPM DRY 6.96 *
MERCURY 0.43 PPM DRY 1.05

Oyster larvae toxicity AET.

SILVER 3.9 PPM DRY 6.96 *
P,P'-DDD 8.0 PPB DRY 4.00 *
P,P'-DDE 2.0 PPB DRY 2.38 *

Date: 07/15/82 Sample ID: 2081

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	230	PPB	DRY	1.77
TOTAL BENZOFLUORANTHENES (B + K)	3300	PPB	DRY	1.03

Oyster larvae toxicity AET.

P,P'-DDE	3.0	PPB	DRY	3.57 *
----------	-----	-----	-----	--------

Survey: TPPS3AB Station: EB-31

Date: 03/15/82 Sample ID: 1818

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	390	PPB	DRY	1.70
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.64
BUTYL BENZYL PHTHALATE	220	PPB	DRY	3.49
POLYCHLORINATED BIPHENYLS	450	PPB	DRY	3.46
SILVER	3.6	PPM	DRY	6.43 *
MERCURY	0.63	PPM	DRY	1.54

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	390	PPB	DRY	1.70
DI-N-OCTYL PHTHALATE	14000	PPB	DRY	33.33 *
BENZO(G,H,I)PERYLENE	1100	PPB	DRY	1.53
SILVER	3.6	PPM	DRY	6.43 *
P,P'-DDD	3.0	PPB	DRY	1.50 *
P,P'-DDE	3.0	PPB	DRY	3.57 *
MERCURY	0.63	PPM	DRY	1.07

Date: 07/15/82 Sample ID: 2078

Microtox bioassay AET.

DIETHYL PHTHALATE	51	PPB	DRY	1.06 *
POLYCHLORINATED BIPHENYLS	260	PPB	DRY	2.00

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	540	PPB	DRY	1.29 *
P,P'-DDE	4.0	PPB	DRY	4.76 *

Survey: TPPS3AB Station: EB-32

Date: 03/15/82 Sample ID: 1825

Microtox bioassay AET.

SILVER	2.3	PPM	DRY	4.11 *
--------	-----	-----	-----	--------

MERCURY	0.53	PPM	DRY	1.29
---------	------	-----	-----	------

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	480	PPB	DRY	1.14 *
SILVER	2.3	PPM	DRY	4.11 *
P,P'-DDE	1.0	PPB	DRY	1.19 *

Date: 07/15/82 Sample ID: 2077

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	330	PPB	DRY	2.54
SILVER	0.74	PPM	DRY	1.32 *

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	680	PPB	DRY	1.62 *
SILVER	0.74	PPM	DRY	1.32 *
P,P'-DDT	14	PPB	DRY	2.41 *
P,P'-DDE	5.0	PPB	DRY	5.95 *

Survey: TPPS3AB Station: EB-33

Date: 03/15/82 Sample ID: 1779

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	4000	PPB	DRY	17.39
BENZO(A)PYRENE	9800	PPB	DRY	6.13
BENZO(G,H,I)PERYLENE	8000	PPB	DRY	11.94
BUTYL BENZYL PHTHALATE	1700	PPB	DRY	26.98
INDENO(1,2,3-CD)PYRENE	2900	PPB	DRY	4.83
POLYCHLORINATED BIPHENYLS	1100	PPB	DRY	8.46
SILVER	4.6	PPM	DRY	8.21 *
TOTAL BENZOFLUORANTHENES (B + K)	18000	PPB	DRY	5.63
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	47000	PPB	DRY	3.92
MERCURY	0.98	PPM	DRY	2.39

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	4000	PPB	DRY	17.39
DI-N-OCTYL PHTHALATE	2600	PPB	DRY	6.19 *
BENZO(A)PYRENE	9800	PPB	DRY	6.13
BENZO(G,H,I)PERYLENE	8000	PPB	DRY	11.11
BUTYL BENZYL PHTHALATE	1700	PPB	DRY	3.62 *
INDENO(1,2,3-CD)PYRENE	2900	PPB	DRY	4.20
SILVER	4.6	PPM	DRY	8.21 *
TOTAL BENZOFLUORANTHENES (B + K)	18000	PPB	DRY	5.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	47000	PPB	DRY	2.76
P,P'-DDE	11	PPB	DRY	13.10 *
MERCURY	0.98	PPM	DRY	1.66

Date: 07/15/82 Sample ID: 2080

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	2300	PPB	DRY	17.69
SILVER	1.1	PPM	DRY	1.96 *
MERCURY	1.0	PPM	DRY	2.44

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	3200	PPB	DRY	7.62 *
POLYCHLORINATED BIPHENYLS	2300	PPB	DRY	2.09
SILVER	1.1	PPM	DRY	1.96 *
P,P'-DDD	30	PPB	DRY	15.00 *
P,P'-DDE	30	PPB	DRY	35.71 *
MERCURY	1.0	PPM	DRY	1.69

Survey: TPPS3AB Station: EB-34

Date: 03/15/82 Sample ID: 1780

Microtox bioassay AET.

BENZO(A)PYRENE	10000	PPB	DRY	6.25
POLYCHLORINATED BIPHENYLS	960	PPB	DRY	7.38
SILVER	3.4	PPM	DRY	6.07 *
TOTAL BENZOFLUORANTHENES (B + K)	18000	PPB	DRY	5.63
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	2.58
MERCURY	1.6	PPM	DRY	3.90

Oyster larvae toxicity AET.

BENZO(A)PYRENE	10000	PPB	DRY	6.25
SILVER	3.4	PPM	DRY	6.07 *
TOTAL BENZOFLUORANTHENES (B + K)	18000	PPB	DRY	5.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	1.82
P,P'-DDE	6.0	PPB	DRY	7.14 *
MERCURY	1.6	PPM	DRY	2.71

Date: 07/15/82 Sample ID: 2071

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	120	PPB	DRY	1.90
POLYCHLORINATED BIPHENYLS	2100	PPB	DRY	16.15
SILVER	2.1	PPM	DRY	3.75 *

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	1300	PPB	DRY	3.10 *
----------------------	------	-----	-----	--------

POLYCHLORINATED BIPHENYLS	2100	PPB	DRY	1.91
SILVER	2.1	PPM	DRY	3.75 *
P,P'-DDT	77	PPB	DRY	13.28 *
P,P'-DDE	22	PPB	DRY	26.19 *

Survey: TPPS3AB Station: EB-35

=====

Date: 03/15/82 Sample ID: 1775

Microtox bioassay AET.

ANTHRACENE	3900	PPB	DRY	4.06
BENZO(A)ANTHRACENE	9500	PPB	DRY	7.31
CHRYSENE	10000	PPB	DRY	7.14
DI-N-BUTYL PHTHALATE	2100	PPB	DRY	1.50
FLUORANTHENE	5400	PPB	DRY	3.18
FLUORENE	2700	PPB	DRY	5.00
POLYCHLORINATED BIPHENYLS	3900	PPB	DRY	30.00
PHENANTHRENE	4300	PPB	DRY	2.87
SILVER	4.1	PPM	DRY	7.32 *
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	2.58
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	11000	PPB	DRY	2.12
PYRENE	6400	PPB	DRY	2.46
LEAD	670	PPM	DRY	1.26
MERCURY	1.6	PPM	DRY	3.90

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	9500	PPB	DRY	22.62 *
ANTHRACENE	3900	PPB	DRY	4.06
BENZO(A)ANTHRACENE	9500	PPB	DRY	5.94
CHRYSENE	10000	PPB	DRY	3.57
DI-N-BUTYL PHTHALATE	2100	PPB	DRY	1.50
FLUORANTHENE	5400	PPB	DRY	2.16
FLUORENE	2700	PPB	DRY	5.00
POLYCHLORINATED BIPHENYLS	3900	PPB	DRY	3.55
PHENANTHRENE	4300	PPB	DRY	2.87
PYRENE	6400	PPB	DRY	1.94
SILVER	4.1	PPM	DRY	7.32 *
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	31000	PPB	DRY	1.82
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	11000	PPB	DRY	2.12
P,P'-DDD	180	PPB	DRY	90.00 *
P,P'-DDE	47	PPB	DRY	55.95 *
LEAD	670	PPM	DRY	1.02
MERCURY	1.6	PPM	DRY	2.71

Date: 07/15/82 Sample ID: 2079

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	1000	PPB	DRY	4.35
ANTHRACENE	1600	PPB	DRY	1.67

BENZO(A)ANTHRACENE	3100	PPB	DRY	2.38
BENZO(A)PYRENE	5900	PPB	DRY	3.69
BENZO(G,H,I)PERYLENE	5100	PPB	DRY	7.61
BUTYL BENZYL PHTHALATE	1800	PPB	DRY	28.57
CHRYSENE	5100	PPB	DRY	3.64
DI-N-BUTYL PHTHALATE	2900	PPB	DRY	2.07
FLUORANTHENE	5900	PPB	DRY	3.47
INDENO(1,2,3-CD)PYRENE	4400	PPB	DRY	7.33
N-NITROSO DIPHENYLAMINE	280	PPB	DRY	7.00
POLYCHLORINATED BIPHENYLS	970	PPB	DRY	7.46
PHENANTHRENE	2600	PPB	DRY	1.73
SILVER	0.94	PPM	DRY	1.68 *
TOTAL BENZOFLUORANTHENES (B + K)	11000	PPB	DRY	3.44
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	48000	PPB	DRY	4.00
PYRENE	6300	PPB	DRY	2.42
MERCURY	1.3	PPM	DRY	3.17

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	1000	PPB	DRY	4.35
DI-N-OCTYL PHTHALATE	38000	PPB	DRY	90.48 *
ANTHRACENE	1600	PPB	DRY	1.67
BENZO(A)ANTHRACENE	3100	PPB	DRY	1.94
BENZO(A)PYRENE	5900	PPB	DRY	3.69
BENZO(G,H,I)PERYLENE	51	PPB	DRY	7.08
BUTYL BENZYL PHTHALATE	1800	PPB	DRY	3.83 *
CHRYSENE	5100	PPB	DRY	1.82
DI-N-BUTYL PHTHALATE	2900	PPB	DRY	2.07
FLUORANTHENE	5900	PPB	DRY	2.36
INDENO(1,2,3-CD)PYRENE	4400	PPB	DRY	6.38
N-NITROSO DIPHENYLAMINE	280	PPB	DRY	2.15
PHENANTHRENE	2600	PPB	DRY	1.73
PYRENE	6300	PPB	DRY	1.91
SILVER	0.94	PPM	DRY	1.68 *
TOTAL BENZOFLUORANTHENES (B + K)	11000	PPB	DRY	3.06
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	48000	PPB	DRY	2.82
MERCURY	1.3	PPM	DRY	2.20

Survey: TPPS3AB Station: EB-36

Date: 03/15/82 Sample ID: 1776

Microtox bioassay AET.

ACENAPHTHYLENE	4000	PPB	DRY	7.14 *
BUTYL BENZYL PHTHALATE	330	PPB	DRY	5.24
CHRYSENE	1600	PPB	DRY	1.14
POLYCHLORINATED BIPHENYLS	4000	PPB	DRY	30.77
SILVER	5.4	PPM	DRY	9.64 *
MERCURY	0.77	PPM	DRY	1.88

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	28000	PPB	DRY	66.67 *
ACENAPHTHYLENE	4000	PPB	DRY	7.14 *
POLYCHLORINATED BIPHENYLS	4000	PPB	DRY	3.64
SILVER	5.4	PPM	DRY	9.64 *
P,P'-DDE	37	PPB	DRY	44.05 *
MERCURY	0.77	PPM	DRY	1.31

Date: 07/15/82 Sample ID: 2072

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	67	PPB	DRY	1.06
DIETHYL PHTHALATE	320	PPB	DRY	6.67 *
DI-N-BUTYL PHTHALATE	4100	PPB	DRY	2.93
POLYCHLORINATED BIPHENYLS	490	PPB	DRY	3.77
SILVER	1.3	PPM	DRY	2.32 *

Oyster larvae toxicity AET.

DIETHYL PHTHALATE	320	PPB	DRY	4.38 *
DI-N-BUTYL PHTHALATE	4100	PPB	DRY	2.93
SILVER	1.3	PPM	DRY	2.32 *
P,P'-DDT	15	PPB	DRY	2.59 *
P,P'-DDE	10	PPB	DRY	11.90 *

Survey: TPPS3AB Station: EB-37

=====

Date: 03/15/82 Sample ID: 1777

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	850	PPB	DRY	3.70
BENZO(A)PYRENE	2100	PPB	DRY	1.31
BENZO(G,H,I)PERYLENE	1700	PPB	DRY	2.54
CHRYSENE	2300	PPB	DRY	1.64
POLYCHLORINATED BIPHENYLS	920	PPB	DRY	7.08
SILVER	3.9	PPM	DRY	6.96 *
TOTAL BENZOFLUORANTHENES (B + K)	3800	PPB	DRY	1.19
MERCURY	0.72	PPM	DRY	1.76

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	850	PPB	DRY	3.70
DI-N-OCTYL PHTHALATE	950	PPB	DRY	2.26 *
BENZO(A)PYRENE	2100	PPB	DRY	1.31
BENZO(G,H,I)PERYLENE	1700	PPB	DRY	2.36
SILVER	3.9	PPM	DRY	6.96 *
TOTAL BENZOFLUORANTHENES (B + K)	3800	PPB	DRY	1.06
P,P'-DDE	9.0	PPB	DRY	10.71 *
MERCURY	0.72	PPM	DRY	1.22

Date: 07/15/82 Sample ID: 2073

Microtox bioassay AET.

ANTHRACENE	1300	PPB	DRY	1.35
BENZO(A)ANTHRACENE	5400	PPB	DRY	4.15
BENZO(A)PYRENE	2900	PPB	DRY	1.81
BUTYL BENZYL PHTHALATE	180	PPB	DRY	2.86
CHRYSENE	8000	PPB	DRY	5.71
FLUORANTHENE	11000	PPB	DRY	6.47
N-NITROSO DIPHENYLAMINE	190	PPB	DRY	4.75
POLYCHLORINATED BIPHENYLS	1100	PPB	DRY	8.46
PHENANTHRENE	3800	PPB	DRY	2.53
SILVER	1.5	PPM	DRY	2.68 *
TOTAL BENZOFLUORANTHENES (B + K)	4100	PPB	DRY	1.28
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	42000	PPB	DRY	3.50
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	5400	PPB	DRY	1.04
PYRENE	11000	PPB	DRY	4.23
MERCURY	3.6	PPM	DRY	8.78

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	13000	PPB	DRY	30.95 *
ANTHRACENE	1300	PPB	DRY	1.35
BENZO(A)ANTHRACENE	5400	PPB	DRY	3.38
BENZO(A)PYRENE	2900	PPB	DRY	1.81
CHRYSENE	8000	PPB	DRY	2.86
FLUORANTHENE	11000	PPB	DRY	4.40
N-NITROSO DIPHENYLAMINE	190	PPB	DRY	1.46
PHENANTHRENE	3800	PPB	DRY	2.53
PYRENE	11000	PPB	DRY	3.33
SILVER	1.5	PPM	DRY	2.68 *
TOTAL BENZOFLUORANTHENES (B + K)	4100	PPB	DRY	1.14
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	42000	PPB	DRY	2.47
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	5400	PPB	DRY	1.04
P,P'-DDT	67	PPB	DRY	11.55 *
P,P'-DDE	14	PPB	DRY	16.67 *
MERCURY	3.6	PPM	DRY	6.10

Survey: TPPS3AB Station: EB-38
=====Date: 03/15/82 Sample ID: 1778
-----Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	470	PPB	DRY	2.04
BENZO(G,H,I)PERYLENE	810	PPB	DRY	1.21
CHRYSENE	1600	PPB	DRY	1.14
POLYCHLORINATED BIPHENYLS	730	PPB	DRY	5.62
SILVER	5.2	PPM	DRY	9.29 *
TOTAL BENZOFLUORANTHENES (B + K)	3600	PPB	DRY	1.13
MERCURY	0.62	PPM	DRY	1.51

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	470	PPB	DRY	2.04
DI-N-OCTYL PHTHALATE	1700	PPB	DRY	4.05 *
BENZO(G,H,I)PERYLENE	810	PPB	DRY	1.13
SILVER	5.2	PPM	DRY	9.29 *
P,P'-DDE	7.0	PPB	DRY	8.33 *
MERCURY	0.62	PPM	DRY	1.05

Date: 07/15/82 Sample ID: 2074

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	810	PPB	DRY	12.86
CHRYSENE	1800	PPB	DRY	1.29
POLYCHLORINATED BIPHENYLS	320	PPB	DRY	2.46
PHENANTHRENE	3000	PPB	DRY	2.00
SILVER	2.2	PPM	DRY	3.93 *
MERCURY	0.72	PPM	DRY	1.76

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	4200	PPB	DRY	10.00 *
BUTYL BENZYL PHTHALATE	810	PPB	DRY	1.72 *
PHENANTHRENE	3000	PPB	DRY	2.00
SILVER	2.2	PPM	DRY	3.93 *
P,P'-DDT	28	PPB	DRY	4.83 *
P,P'-DDE	4.0	PPB	DRY	4.76 *
MERCURY	0.72	PPM	DRY	1.22

Survey: TPPS3AB Station: EB-39

Date: 03/15/82 Sample ID: 1814

Microtox bioassay AET.

ACENAPHTHENE	800	PPB	DRY	1.60
ANTHRACENE	1100	PPB	DRY	1.15
FLUORANTHENE	3500	PPB	DRY	2.06
FLUORENE	700	PPB	DRY	1.30
POLYCHLORINATED BIPHENYLS	930	PPB	DRY	7.15
PHENANTHRENE	1700	PPB	DRY	1.13
SILVER	2.1	PPM	DRY	3.75 *
TOTAL BENZOFLUORANTHENES (B + K)	3300	PPB	DRY	1.03
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	15000	PPB	DRY	1.25
PYRENE	4800	PPB	DRY	1.85
MERCURY	0.65	PPM	DRY	1.59

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	6800	PPB	DRY	16.19 *
ACENAPHTHENE	800	PPB	DRY	1.60

ANTHRACENE	1100	PPB	DRY	1.15
FLUORANTHENE	3500	PPB	DRY	1.40
FLUORENE	700	PPB	DRY	1.30
PHENANTHRENE	1700	PPB	DRY	1.13
PYRENE	4800	PPB	DRY	1.45
SILVER	2.1	PPM	DRY	3.75 *
P,P'-DDE	8.0	PPB	DRY	9.52 *
MERCURY	0.65	PPM	DRY	1.10

Date: 07/15/82 Sample ID: 2075

Microtox bioassay AET.

BENZO(G,H,I)PERYLENE	2600	PPB	DRY	3.88
INDENO(1,2,3-CD)PYRENE	2200	PPB	DRY	3.67
POLYCHLORINATED BIPHENYLS	470	PPB	DRY	3.62
SILVER	2.4	PPM	DRY	4.29 *
TOTAL BENZOFLUORANTHENES (B + K)	3500	PPB	DRY	1.09
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	15000	PPB	DRY	1.25
MERCURY	0.61	PPM	DRY	1.49

Oyster larvae toxicity AET.

BENZO(G,H,I)PERYLENE	2600	PPB	DRY	3.61
INDENO(1,2,3-CD)PYRENE	2200	PPB	DRY	3.19
SILVER	2.4	PPM	DRY	4.29 *
P,P'-DDT	48	PPB	DRY	8.28 *
P,P'-DDE	6.0	PPB	DRY	7.14 *
MERCURY	0.61	PPM	DRY	1.03

Survey: TPPS3AB Station: WP-01

=====

Date: 03/15/82 Sample ID: 1806

Microtox bioassay AET.

SILVER	2.8	PPM	DRY	5.00 *
--------	-----	-----	-----	--------

Oyster larvae toxicity AET.

SILVER	2.8	PPM	DRY	5.00 *
P,P'-DDE	5.0	PPB	DRY	5.95 *

Survey: TPPS3AB Station: WP-02

=====

Date: 03/15/82 Sample ID: 1807

Microtox bioassay AET.

SILVER	4.2	PPM	DRY	7.50 *
PYRENE	2700	PPB	DRY	1.04
MERCURY	0.58	PPM	DRY	1.41

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	430	PPB	DRY	1.02 *
SILVER	4.2	PPM	DRY	7.50 *
P,P'-DDE	1.0	PPB	DRY	1.19 *

Date: 07/15/82 Sample ID: 2089

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1700	PPB	DRY	1.31
BENZO(A)PYRENE	3600	PPB	DRY	2.25
BENZO(G,H,I)PERYLENE	1200	PPB	DRY	1.79
CHRYSENE	2100	PPB	DRY	1.50
FLUORANTHENE	2700	PPB	DRY	1.59
INDENO(1,2,3-CD)PYRENE	1000	PPB	DRY	1.67
POLYCHLORINATED BIPHENYLS	150	PPB	DRY	1.15
TOTAL BENZOFLUORANTHENES (B + K)	4100	PPB	DRY	1.28
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	20000	PPB	DRY	1.67
PYRENE	3800	PPB	DRY	1.46

Oyster larvae toxicity AET.

BENZO(A)ANTHRACENE	1700	PPB	DRY	1.06
BENZO(A)PYRENE	3600	PPB	DRY	2.25
BENZO(G,H,I)PERYLENE	1200	PPB	DRY	1.67
FLUORANTHENE	2700	PPB	DRY	1.08
INDENO(1,2,3-CD)PYRENE	1000	PPB	DRY	1.45
PYRENE	3800	PPB	DRY	1.15
TOTAL BENZOFLUORANTHENES (B + K)	4100	PPB	DRY	1.14
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	20000	PPB	DRY	1.18

Survey: TPPS3AB Station: WP-03

Date: 03/15/82 Sample ID: 1788

Microtox bioassay AET.

SILVER	1.0	PPM	DRY	1.79 *
--------	-----	-----	-----	--------

Oyster larvae toxicity AET.

SILVER	1.0	PPM	DRY	1.79 *
--------	-----	-----	-----	--------

Survey: TPPS3AB Station: WP-04

Date: 03/15/82 Sample ID: 1809

Microtox bioassay AET.-----
SILVER 1.0 PPM DRY 1.79 *

Oyster larvae toxicity AET.

SILVER 1.0 PPM DRY 1.79 *

Date: 07/15/82 Sample ID: 2091

Microtox bioassay AET.-----
DIETHYL PHTHALATE 97 PPB DRY 2.02 *

Oyster larvae toxicity AET.

DIETHYL PHTHALATE 97 PPB DRY 1.33 *
P,P'-DDE 1.0 PPB DRY 1.19 *

Survey: TPPS3AB Station: WP-05

=====

Date: 03/15/82 Sample ID: 1810

Microtox bioassay AET.-----
N-NITROSO DIPHENYLAMINE 490 PPB DRY 12.25

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE 460 PPB DRY 1.10 *
N-NITROSO DIPHENYLAMINE 490 PPB DRY 3.77

Survey: TPPS3AB Station: WP-06

=====

Date: 03/15/82 Sample ID: 1811

Microtox bioassay AET.-----
SILVER 1.3 PPM DRY 2.32 *

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE 1200 PPB DRY 2.86 *
SILVER 1.3 PPM DRY 2.32 *
P,P'-DDE 1.0 PPB DRY 1.19 *

Date: 07/15/82 Sample ID: 2084

Oyster larvae toxicity AET.

P,P'-DDE	1.0	PPB	DRY	1.19 *
----------	-----	-----	-----	--------

Survey: TPPS3AB Station: WP-07

Date: 03/15/82 Sample ID: 1812

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	780	PPB	DRY	3.39
BENZO(A)PYRENE	1900	PPB	DRY	1.19
BENZO(G,H,I)PERYLENE	1600	PPB	DRY	2.39
CHRYSENE	1500	PPB	DRY	1.07
POLYCHLORINATED BIPHENYLS	150	PPB	DRY	1.15
SILVER	2.9	PPM	DRY	5.18 *
TOTAL BENZOFLUORANTHENES (B + K)	3500	PPB	DRY	1.09

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	780	PPB	DRY	3.39
DI-N-OCTYL PHTHALATE	490	PPB	DRY	1.17 *
BENZO(A)PYRENE	1900	PPB	DRY	1.19
BENZO(G,H,I)PERYLENE	1600	PPB	DRY	2.22
SILVER	2.9	PPM	DRY	5.18 *
P,P'-DDE	2.0	PPB	DRY	2.38 *

Date: 07/15/82 Sample ID: 2093

Microtox bioassay AET.

BENZO(A)ANTHRACENE	1800	PPB	DRY	1.38
BENZO(G,H,I)PERYLENE	2600	PPB	DRY	3.88
CHRYSENE	2300	PPB	DRY	1.64
DI-N-BUTYL PHTHALATE	1600	PPB	DRY	1.14
FLUORANTHENE	1800	PPB	DRY	1.06
INDENO(1,2,3-CD)PYRENE	2400	PPB	DRY	4.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	17000	PPB	DRY	1.42
PYRENE	2800	PPB	DRY	1.08

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	500	PPB	DRY	1.19 *
BENZO(A)ANTHRACENE	1800	PPB	DRY	1.13
BENZO(G,H,I)PERYLENE	2600	PPB	DRY	3.61
DI-N-BUTYL PHTHALATE	1600	PPB	DRY	1.14
INDENO(1,2,3-CD)PYRENE	2400	PPB	DRY	3.48
P,P'-DDT	10	PPB	DRY	1.72 *
P,P'-DDE	1.0	PPB	DRY	1.19 *

Survey: TPPS3AB Station: WP-08

=====

Date: 03/15/82 Sample ID: 1813

Microtox bioassay AET.

BENZO(G,H,I)PERYLENE	770	PPB	DRY	1.15
SILVER	1.1	PPM	DRY	1.96 *

Oyster larvae toxicity AET.

BENZO(G,H,I)PERYLENE	770	PPB	DRY	1.07
SILVER	1.1	PPM	DRY	1.96 *
P,P'-DDE	1.0	PPB	DRY	1.19 *

Date: 07/15/82 Sample ID: 2083

Microtox bioassay AET.

DI-N-BUTYL PHTHALATE	2000	PPB	DRY	1.43
POLYCHLORINATED BIPHENYLS	160	PPB	DRY	1.23
MERCURY	0.47	PPM	DRY	1.15

Oyster larvae toxicity AET.

DI-N-BUTYL PHTHALATE	2000	PPB	DRY	1.43
P,P'-DDE	3.0	PPB	DRY	3.57 *

Survey: TPPS3AB Station: WP-09

=====

Date: 03/15/82 Sample ID: 1815

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	250	PPB	DRY	1.92
---------------------------	-----	-----	-----	------

Oyster larvae toxicity AET.

P,P'-DDD	10	PPB	DRY	5.00 *
P,P'-DDE	3.0	PPB	DRY	3.57 *

Date: 07/15/82 Sample ID: 2082

Oyster larvae toxicity AET.

P,P'-DDE	2.0	PPB	DRY	2.38 *
----------	-----	-----	-----	--------

Survey: TPPS3AB Station: WP-10

=====

Date: 03/15/82 Sample ID: 1787

Microtox bioassay AET.

CHRYSENE	4100	PPB	DRY	2.93
SILVER	1.0	PPM	DRY	1.79 *

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	2300	PPB	DRY	5.48 *
CHRYSENE	4100	PPB	DRY	1.46
SILVER	1.0	PPM	DRY	1.79 *
P,P'-DDE	1.0	PPB	DRY	1.19 *

Date: 07/15/82 Sample ID: 2076

Microtox bioassay AET.

BENZO(G,H,I)PERYLENE	940	PPB	DRY	1.40
----------------------	-----	-----	-----	------

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	3600	PPB	DRY	8.57 *
BENZO(G,H,I)PERYLENE	940	PPB	DRY	1.31

Survey: TPPS3AB Station: WP-11

=====

Date: 03/15/82 Sample ID: 1789

Microtox bioassay AET.

ACENAPHTHENE	1300	PPB	DRY	2.60
ACENAPHTHYLENE	2300	PPB	DRY	4.11 *
ANTHRACENE	10000	PPB	DRY	10.42
BENZO(A)ANTHRACENE	15000	PPB	DRY	11.54
BENZO(A)PYRENE	23000	PPB	DRY	14.38
BENZO(G,H,I)PERYLENE	11000	PPB	DRY	16.42
CHRYSENE	35000	PPB	DRY	25.00
FLUORANTHENE	71000	PPB	DRY	41.76
FLUORENE	4800	PPB	DRY	8.89
INDENO(1,2,3-CD)PYRENE	9100	PPB	DRY	15.17
NAPHTHALENE	2700	PPB	DRY	1.29
POLYCHLORINATED BIPHENYLS	1100	PPB	DRY	8.46
PHENANTHRENE	34000	PPB	DRY	22.67
SILVER	1.6	PPM	DRY	2.86 *
TOTAL BENZOFLUORANTHENES (B + K)	130000	PPB	DRY	40.63
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	360000	PPB	DRY	30.00

POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	55000	PPB	DRY	10.58
PYRENE	63000	PPB	DRY	24.23

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	1400	PPB	DRY	3.33 *
ACENAPHTHENE	1300	PPB	DRY	2.60
ACENAPHTHYLENE	2300	PPB	DRY	4.11 *
ANTHRACENE	10000	PPB	DRY	10.42
BENZO(A)ANTHRACENE	15000	PPB	DRY	9.38
BENZO(A)PYRENE	23000	PPB	DRY	14.38
BENZO(G,H,I)PERYLENE	11000	PPB	DRY	15.28
CHRYSENE	35000	PPB	DRY	12.50
FLUORANTHENE	71000	PPB	DRY	28.40
FLUORENE	4800	PPB	DRY	8.89
INDENO(1,2,3-CD)PYRENE	9100	PPB	DRY	13.19
NAPHTHALENE	2700	PPB	DRY	1.29
PHENANTHRENE	34000	PPB	DRY	22.67
PYRENE	63000	PPB	DRY	19.09
SILVER	1.6	PPM	DRY	2.86 *
TOTAL BENZOFLUORANTHENES (B + K)	130000	PPB	DRY	36.11
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	360000	PPB	DRY	21.18
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	55000	PPB	DRY	10.58
P,P'-DDD	12	PPB	DRY	6.00 *
P,P'-DDE	3.0	PPB	DRY	3.57 *

Date: 07/15/82 Sample ID: 2087

Microtox bioassay AET.

DIBENZO(A,H)ANTHRACENE	1200	PPB	DRY	5.22
ACENAPHTHYLENE	640	PPB	DRY	1.14 *
ANTHRACENE	1300	PPB	DRY	1.35
BENZO(A)ANTHRACENE	4500	PPB	DRY	3.46
BENZO(A)PYRENE	6800	PPB	DRY	4.25
BENZO(G,H,I)PERYLENE	5400	PPB	DRY	8.06
CHRYSENE	6700	PPB	DRY	4.79
FLUORANTHENE	6300	PPB	DRY	3.71
FLUORENE	640	PPB	DRY	1.19
INDENO(1,2,3-CD)PYRENE	5200	PPB	DRY	8.67
PHENANTHRENE	3200	PPB	DRY	2.13
TOTAL BENZOFLUORANTHENES (B + K)	8000	PPB	DRY	2.50
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	51000	PPB	DRY	4.25
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6200	PPB	DRY	1.19
PYRENE	7300	PPB	DRY	2.81

Oyster larvae toxicity AET.

DIBENZO(A,H)ANTHRACENE	1200	PPB	DRY	5.22
ACENAPHTHYLENE	640	PPB	DRY	1.14 *
ANTHRACENE	1300	PPB	DRY	1.35
BENZO(A)ANTHRACENE	4500	PPB	DRY	2.81
BENZO(A)PYRENE	6800	PPB	DRY	4.25
BENZO(G,H,I)PERYLENE	5400	PPB	DRY	7.50
CHRYSENE	6700	PPB	DRY	2.39

FLUORANTHENE	6300	PPB	DRY	2.52
FLUORENE	640	PPB	DRY	1.19
INDENO(1,2,3-CD)PYRENE	5200	PPB	DRY	7.54
PHENANTHRENE	3200	PPB	DRY	2.13
PYRENE	7300	PPB	DRY	2.21
TOTAL BENZOFLUORANTHENES (B + K)	8000	PPB	DRY	2.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	51000	PPB	DRY	3.00
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	6200	PPB	DRY	1.19
P,P'-DDE	1.0	PPB	DRY	1.19 *

Survey: TPPS3AB Station: WP-12

=====

Date: 03/15/82 Sample ID: 1786

Microtox bioassay AET.

BENZO(A)PYRENE	1900	PPB	DRY	1.19
SILVER	3.7	PPM	DRY	6.61 *
TOTAL BENZOFLUORANTHENES (B + K)	3400	PPB	DRY	1.06

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	6200	PPB	DRY	14.76 *
BENZO(A)PYRENE	1900	PPB	DRY	1.19
SILVER	3.7	PPM	DRY	6.61 *
P,P'-DDE	2.0	PPB	DRY	2.38 *

Date: 07/15/82 Sample ID: 2069

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	310	PPB	DRY	4.92
DIETHYL PHTHALATE	50	PPB	DRY	1.04 *

Survey: TPPS3AB Station: WP-13

=====

Date: 03/15/82 Sample ID: 1784

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	480	PPB	DRY	3.69
SILVER	3.7	PPM	DRY	6.61 *

Oyster larvae toxicity AET.

SILVER	3.7	PPM	DRY	6.61 *
P,P'-DDE	9.0	PPB	DRY	10.71 *

Date: 07/15/82 Sample ID: 2070

Microtox bioassay AET.

DI-N-BUTYL PHTHALATE	4500	PPB	DRY	3.21
----------------------	------	-----	-----	------

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	2600	PPB	DRY	6.19 *
DI-N-BUTYL PHTHALATE	4500	PPB	DRY	3.21

Survey: TPPS3AB Station: WP-14
=====Date: 03/15/82 Sample ID: 1785
-----Microtox bioassay AET.

SILVER	3.7	PPM	DRY	6.61 *
--------	-----	-----	-----	--------

Oyster larvae toxicity AET.

SILVER	3.7	PPM	DRY	6.61 *
--------	-----	-----	-----	--------

Date: 07/15/82 Sample ID: 2085
-----Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	260	PPB	DRY	4.13
FLUORANTHENE	2400	PPB	DRY	1.41
N-NITROSO DIPHENYLAMINE	63	PPB	DRY	1.57
POLYCHLORINATED BIPHENYLS	140	PPB	DRY	1.08
SILVER	0.61	PPM	DRY	1.09 *
MERCURY	0.88	PPM	DRY	2.15

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	69000	PPB	DRY	164.29 *
SILVER	0.61	PPM	DRY	1.09 *
MERCURY	0.88	PPM	DRY	1.49

Survey: TPPS3AB Station: WP-15
=====Date: 03/15/82 Sample ID: 1817
-----Microtox bioassay AET.

BENZO(A)PYRENE	2200	PPB	DRY	1.38
BENZO(G,H,I)PERYLENE	1800	PPB	DRY	2.69
CHRYSENE	2400	PPB	DRY	1.71

INDENO(1,2,3-CD)PYRENE	890	PPB	DRY	1.48
POLYCHLORINATED BIPHENYLS	150	PPB	DRY	1.15
SILVER	3.3	PPM	DRY	5.89 *
TOTAL BENZOFLUORANTHENES (B + K)	3900	PPB	DRY	1.22
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	14000	PPB	DRY	1.17

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	630	PPB	DRY	1.50 *
BENZO(A)PYRENE	2200	PPB	DRY	1.38
BENZO(G,H,I)PERYLENE	1800	PPB	DRY	2.50
INDENO(1,2,3-CD)PYRENE	890	PPB	DRY	1.29
SILVER	3.3	PPM	DRY	5.89 *
TOTAL BENZOFLUORANTHENES (B + K)	3900	PPB	DRY	1.08
P,P'-DDE	1.0	PPB	DRY	1.19 *

Date: 07/15/82 Sample ID: 2094

Microtox bioassay AET.

BUTYL BENZYL PHTHALATE	290	PPB	DRY	4.60
DIETHYL PHTHALATE	57	PPB	DRY	1.19 *
POLYCHLORINATED BIPHENYLS	220	PPB	DRY	1.69
SILVER	0.58	PPM	DRY	1.04 *

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	1300	PPB	DRY	3.10 *
SILVER	0.58	PPM	DRY	1.04 *
P,P'-DDT	11	PPB	DRY	1.90 *
P,P'-DDE	3.0	PPB	DRY	3.57 *

Survey: TPPS3AB Station: WP-16

Date: 03/15/82 Sample ID: 1816

Microtox bioassay AET.

POLYCHLORINATED BIPHENYLS	280	PPB	DRY	2.15
SILVER	5.0	PPM	DRY	8.93 *

Oyster larvae toxicity AET.

DI-N-OCTYL PHTHALATE	1300	PPB	DRY	3.10 *
SILVER	5.0	PPM	DRY	8.93 *
P,P'-DDD	12	PPB	DRY	6.00 *
P,P'-DDE	5.0	PPB	DRY	5.95 *

Date: 07/15/82 Sample ID: 2086

Microtox bioassay AET.

DIETHYL PHTHALATE
SILVER

51	PPB	DRY	1.06 *
0.58	PPM	DRY	1.04 *

Oyster larvae toxicity AET.

SILVER
P,P'-DDE

0.58	PPM	DRY	1.04 *
1.0	PPB	DRY	1.19 *

APPENDIX F

SEDQUAL DATA TABLES FOR COMPARISONS BASED ON 1988 PUGET SOUND AET

TABLES

Number

F-1	1988 Puget Sound AET used in comparisons
F-2	Chemicals exceeding 1988 amphipod bioassay AET for Puget Sound
F-3	Chemicals exceeding 1988 benthic infaunal abundance AET for Puget Sound
F-4	Samples not exceeding 1988 amphipod bioassay AET
F-5	Samples not exceeding 1988 benthic infaunal abundance AET
F-6	Samples exceeding 1988 amphipod bioassay AET
F-7	Samples exceeding 1988 benthic infaunal abundance AET
F-8	Summary of comparisons to 1988 amphipod bioassay AET for 11 Puget Sound surveys
F-9	Summary of comparisons to 1988 benthic infaunal AET for 11 Puget Sound surveys

TABLE F-1. 1988 PUGET SOUND AET USED IN COMPARISONS*

Test types listed are:

- AMPT Amphipod toxicity AET.
- BENA Benthic infauna abundance AET.
- MICB Microtox bioassay AET.
- OYST Oyster larvae toxicity AET.

*NOTE: This listing does not include preliminary AET (i.e., AET defined by "greater than" values; see main report Section 2.0) because these AET are not used in determining sensitivity and efficiency.

== Group 88PSAET ==

=====

Value type: Original values, no modification or transformation.

=====

Chemical	AMPT	BENA	MICB	OYST
1-METHYLPYRENE		85.00	280.00	280.00
1,2-DICHLOROBENZENE		50.00	35.00	50.00
1,2-DICHLOROETHENE	0.80	0.80		
12-CHLORODEHYDROABIETIC ACID	61.00			
1,2,4-TRICHLOROBENZENE	51.00		31.00	64.00
1,4-DICHLOROBENZENE	120.00	110.00	110.00	120.00
HEXADECANOIC ACID	350.00	180.00		
HEXADECANOIC ACID, METHYL ESTER	1100.00	990.00		
HEXADECANOIC ACID METHYL ESTER	2200.00	2200.00		
1-METHYL PHENANTHRENE	1300.00	1300.00	370.00	370.00
2-CHLOROPHENOL	8.00	36.00		
2-METHYLNAPHTHALENE	1900.00	1400.00	670.00	670.00
2-METHYLPHENOL	63.00	72.00		63.00
2-METHYLPYRENE	410.00	510.00	510.00	410.00
2-METHOXYPHENOL	930.00	580.00	930.00	930.00
2,3,5 TRIMETHYL NAPHTHALENE	54.00			
2,4-DICHLOROPHENOL	5.00	9.00		
2,4-DIMETHYL PHENOL	72.00	210.00	29.00	29.00
2,4,5-TRICHLOROPHENOL	29.00	3.00		
2,4,6-TRICHLOROPHENOL	25.00	6.00		
DIBENZO(A,H)ANTHRACENE	540.00	970.00	230.00	230.00
2-METHYL PHENANTHRENE	1500.00	1500.00	490.00	470.00
DI-N-OCTYL PHTHALATE		6200.00	25.00	
TRICHLOROETHENE	0.80			
3-METHYL PHENANTHRENE	1400.00	1400.00		
4-METHYL PHENOL	3600.00	1800.00	670.00	670.00
TETRACHLOROETHYLENE		57.00	140.00	140.00
PENTACHLOROCYCLOPENTANE		11.00	25.00	
PENTACHLOROPHENOL	360.00	690.00		
HEXACHLOROBENZENE	130.00	22.00	70.00	230.00
HEXACHLOROBUTADIENE	180.00	11.00	120.00	270.00
HEXACHLOROETHANE	140.00			140.00
ABIETIC ACID	450.00			
ACENAPHTHENE	2000.00	730.00	500.00	500.00
ACENAPHTHYLENE	1300.00	1300.00		
ALDRIN (PESTICIDE)		0.44		
UNIDENTIFIED ALKANOL	580.00	350.00		

ANTHRACENE	13000.00	4400.00	960.00	960.00
ANTIMONY (SB)	200.00	150.00	26.00	26.00
ARSENIC	93.00	57.00	700.00	700.00
BIS(2-ETHYLHEXYL)PHTHALATE		1300.00	1900.00	1900.00
BENZO(A)ANTHRACENE	5100.00	5100.00	1300.00	1600.00
BENZO(A)PYRENE	3000.00	3600.00	1600.00	1600.00
BARIUM	48.00	50.00		
BENZO(B)FLUORANTHENE	3500.00	4900.00		
BENZOIC ACID	760.00	650.00	650.00	650.00
BENZYL ALCOHOL	870.00	870.00	57.00	73.00
BERYLLIUM			0.36	
BENZO(G,H,I)PERYLENE	1400.00	2600.00	670.00	720.00
BIPHENYL	310.00	300.00	270.00	260.00
BENZO(K)FLUORANTHENE	4300.00	5000.00		
BASE PEAK M/Z 181, ISOMER 1	380.00	160.00		
BASE PEAK M/Z 181, ISOMER 2	200.00	87.00		
BUTYL BENZYL PHTHALATE	900.00	900.00	63.00	
CADMIUM	6.70	5.10	9.60	9.60
CAMPESTEROL	73.00			
CARBAZOLE	3600.00	970.00		
CHOLESTEROL (CHOLEST-5-EN-3[BETA]-OL)	260.00	160.00		
CHROMIUM TOTAL	270.00	260.00	27.00	
CHRYSENE	9200.00	9200.00	1400.00	2800.00
TOTAL CHLORINATED BENZENES	90.00			
COPPER	1300.00	530.00	390.00	390.00
COPROSTANOL		160.00	140.00	
CYMENE (UNSPECIFIED ISOMER)	2800.00	600.00	1100.00	2300.00
DIETHYL PHTHALATE		200.00		
DEHYDROABIETIC ACID	640.00	150.00		
DIBENZOFURAN	1700.00	700.00	540.00	540.00
DIBENZOTHIOPHENE	950.00	570.00	250.00	240.00
DI-N-BUTYL PHTHALATE	1400.00		1400.00	1400.00
DIMETHYL PHTHALATE			71.00	160.00
DITERPENOID HYDRCARB (DEHYDROABIETANE?)	200.00	77.00		
DITERPENOID ALCOHOL (TOTAROL?)	130.00	10.00		
ETHYLBENZENE		10.00	33.00	37.00
FLUORANTHENE	30000.00	24000.00	1700.00	2500.00
FLUORENE	3600.00	1000.00	540.00	540.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	69000.00	69000.00	12000.00	17000.00
INDENO(1,2,3-CD)PYRENE	1800.00	2600.00	600.00	690.00
IRON		50000.00	37000.00	37000.00
ISOPIMARADIENE	1500.00	1500.00	1400.00	1500.00
ISOPIMARIC ACID	170.00			
KAUR-16-ENE	2000.00	2000.00	2000.00	2100.00
LEAD	660.00	450.00	530.00	660.00
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000.00	13000.00	5200.00	5200.00
MANGANESE		1000.00	480.00	480.00
MERCURY	2.10	2.10	0.41	0.59
NAPHTHALENE	2400.00	2700.00	2100.00	2100.00
NICKEL			28.00	39.00
TOTAL NITROGEN (NO3+NO3+NH4)	0.29	0.28	0.28	0.28
N-NITROSO DIPHENYLAMINE	48.00	28.00	40.00	130.00
OIL AND GREASE	4500.00	4600.00	1100.00	4300.00
POLYCHLORINATED BIPHENYLS	3100.00	1000.00	130.00	1100.00
PERCENT CLAY	68.80	38.90	24.01	30.74
PERCENT FINES (CLAY & SILT)		88.60		

PERCENT ROCKS	20.60			
PERCENT SAND	95.50			
PERCENT SILT	83.40		63.81	
PENTACHLOROBUTADIENE	2800.00	95.00	770.00	
PHENANTHRENE	6900.00	5400.00	1500.00	1500.00
PHENOL	1200.00	1200.00	1200.00	420.00
P,P'-DDD	43.00	16.00		
P,P'-DDE	15.00	9.00		
P,P'-DDT		34.00		
PYRENE	16000.00	16000.00	2600.00	3300.00
RETENE	1700.00	2000.00		
SELENIUM	1.00			
SILVER	6.10			
SULFIDES	540.00	630.00	45.00	45.00
TOTAL BENZOFUORANTHENES (B + K)	7800.00	9900.00	3200.00	3600.00
TETRACHLOROBUTADIENE		380.00	3100.00	
TETRACHLOROGUAIACOL		4.00		
THALLIUM	0.40	0.24	0.24	0.24
TOTAL ORGANIC CARBON	15.10	15.10	15.10	15.10
TOTAL PHTHALATES		3300.00		
TRICHLOROBUTADIENE		820.00	5800.00	
1,2,4-TRITHIOLANE	82.00	4.30		
TOTAL VOLATILE SOLIDS	26.93	22.20	22.20	22.20
TOTAL XYLENE		40.00	100.00	120.00
ZINC	960.00	410.00	1600.00	1600.00

TABLE F-2. CHEMICALS EXCEEDING 1988 AMPHIPOD BIOASSAY AET FOR PUGET
SOUND (AET Based on 11 Surveys)

rev 5/27/88

Chemical	Number of exceedances of each type	
	AMPT	Sum
1,2-DICHLOROBENZENE	1	1
TRANS-1,2-DICHLOROETHENE	1	1
12-CHLORODEHYDROABIETIC ACID	5	5
1,2,4-TRICHLOROBENZENE	2	2
1,4-DICHLOROBENZENE	6	6
HEXADECANOIC ACID	2	2
HEXADECANOIC ACID, METHYL ESTER	3	3
HEXADECENOIC ACID METHYL ESTER	2	2
1-METHYL PHENANTHRENE	2	2
2-CHLOROPHENOL	3	3
2-METHYLNAPHTHALENE	6	6
2-METHYLPHENOL	6	6
2-METHYLPYRENE	2	2
2-METHOXYPHENOL	2	2
2,3,5 TRIMETHYL NAPHTHALENE	1	1
2,4-DICHLOROPHENOL	5	5
2,4-DIMETHYL PHENOL	5	5
2,4,5-TRICHLOROPHENOL	2	2
2,4,6-TRICHLOROPHENOL	2	2
DIBENZO(A,H)ANTHRACENE	15	15
2-METHYL PHENANTHRENE	2	2
DI-N-OCTYL PHTHALATE	2	2
TRICHLOROETHENE	4	4
3-METHYL PHENANTHRENE	2	2
4-METHYL PHENOL	6	6
PENTACHLOROPHENOL	3	3
HEXACHLOROBENZENE	2	2
HEXACHLOROBUTADIENE	3	3
HEXACHLOROETHANE	1	1
ABIETIC ACID	5	5
ACENAPHTHENE	10	10
ACENAPHTHYLENE	4	4
UNIDENTIFIED ALKANOL	2	2
ANTHRACENE	2	2
ANTIMONY (SB)	7	7
ARSENIC	10	10
BENZO(A)ANTHRACENE	6	6
BENZO(A)PYRENE	15	15
BARIUM	5	5
BENZO(B)FLUORANTHENE	13	13
BENZOIC ACID	2	2
BENZYL ALCOHOL	2	2
BENZO(G,H,I)PERYLENE	12	12
BIPHENYL	4	4
BENZO(K)FLUORANTHENE	6	6
BASE PEAK M/Z 181, ISOMER 1	5	5
BASE PEAK M/Z 181, ISOMER 2	7	7

BUTYL BENZYL PHTHALATE	5	5
CADMIUM	9	9
CARBAZOLE	1	1
CHOLESTEROL (CHOLEST-5-EN-3[BETA]-OL)	1	1
CHROMIUM TOTAL	3	3
CHRYSENE	5	5
TOTAL CHLORINATED BENZENES	3	3
COPPER	4	4
CYMENE (UNSPECIFIED ISOMER)	2	2
DIETHYL PHTHALATE	1	1
DEHYDROABIETIC ACID	5	5
DIBENZOFURAN	7	7
DIBENZOTHIOPHENE	1	1
DI-N-BUTYL PHTHALATE	4	4
DIMETHYL PHTHALATE	1	1
DITERPENOID HYDROCARBON, BASE PK M/Z 255	5	5
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	4	4
FLUORANTHENE	3	3
FLUORENE	7	7
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	7	7
INDENO(1,2,3-CD)PYRENE	12	12
ISOPIMARADIENE	1	1
ISOPIMARIC ACID	4	4
KAUR-16-ENE	2	2
LEAD	10	10
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	9	9
MERCURY	8	8
NAPHTHALENE	12	12
NICKEL	1	1
TOTAL NITROGEN (NO3+NO3+NH4)	12	12
N-NITROSO DIPHENYLAMINE	4	4
OIL AND GREASE	6	6
POLYCHLORINATED BIPHENYLS	5	5
PERCENT CLAY	2	2
PERCENT FINES (CLAY & SILT)	1	1
PERCENT SILT	2	2
PENTACHLOROBUTADIENE	2	2
PHENANTHRENE	9	9
PHENOL	6	6
P,P'-DDD	5	5
P,P'-DDE	5	5
PYRENE	6	6
RETENE	4	4
SELENIUM	2	2
SILVER	1	1
STEROL, MW 400	4	4
SULFIDES	4	4
TOTAL BENZOFLUORANTHENES (B + K)	10	10
THALLIUM	4	4
TOTAL ORGANIC CARBON	4	4
TOTAL PHTHALATES	0	0
TRITHIOLANE	6	6
TOTAL VOLATILE SOLIDS	3	3
ZINC	12	12

TABLE F-3. CHEMICALS EXCEEDING 1988 BENTHIC INFAUNAL ABUNDANCE AET
FOR PUGET SOUND

Chemical	Number of exceedances of each type	
	BENA	Sum
1-METHYLPYRENE	7	7
1,2-DICHLOROBENZENE	6	6
1,2-DICHLOROETHENE	1	1
1,4-DICHLOROBENZENE	8	8
HEXADECANOIC ACID	6	6
HEXADECANOIC ACID, METHYL ESTER	6	6
HEXADECENOIC ACID METHYL ESTER	2	2
1-METHYL PHENANTHRENE	2	2
2-CHLOROPHENOL	1	1
2-METHYLNAPHTHALENE	7	7
2-METHYLPHENOL	4	4
2-METHYLPYRENE	1	1
2-METHOXYPHENOL	3	3
2,4-DICHLOROPHENOL	5	5
2,4-DIMETHYL PHENOL	1	1
2,4,5-TRICHLOROPHENOL	6	6
2,4,6-TRICHLOROPHENOL	5	5
DIBENZO(A,H)ANTHRACENE	11	11
2-METHYL PHENANTHRENE	2	2
DI-N-OCTYL PHTHALATE	5	5
3-METHYL PHENANTHRENE	2	2
4-METHYL PHENOL	11	11
TETRACHLOROETHYLENE	6	6
PENTACHLOROCYCLOPENTANE	8	8
PENTACHLOROPHENOL	1	1
HEXACHLOROBENZENE	8	8
HEXACHLOROBUTADIENE	12	12
ACENAPHTHENE	17	17
ACENAPHTHYLENE	5	5
ALDRIN (PESTICIDE)	2	2
UNIDENTIFIED ALKANOL	9	9
ANTHRACENE	11	11
ANTIMONY (SB)	14	14
ARSENIC	17	17
BIS(2-ETHYLHEXYL)PHTHALATE	3	3
BENZO(A)ANTHRACENE	8	8
BENZO(A)PYRENE	14	14
BARIUM	3	3
BENZO(B)FLUORANTHENE	6	6
BENZOIC ACID	4	4
BENZYL ALCOHOL	2	2
BERYLLIUM	1	1
BENZO(G,H,I)PERYLENE	11	11
BIPHENYL	6	6
BENZO(K)FLUORANTHENE	4	4
BASE PEAK M/Z 181, ISOMER 1	10	10
BASE PEAK M/Z 181, ISOMER 2	10	10

BUTYL BENZYL PHTHALATE	7	7
CADMIUM	13	13
CARBAZOLE	6	6
CHOLESTEROL (CHOLEST-5-EN-3[BETA]-OL)	2	2
CHROMIUM TOTAL	4	4
CHRYSENE	7	7
COPPER	8	8
COPROSTANOL	3	3
CYMENE (UNSPECIFIED ISOMER)	8	8
DIETHYL PHTHALATE	5	5
DEHYDROABIETIC ACID	6	6
DIBENZOFURAN	9	9
DIBENZOTHIOPHENE	1	1
DIMETHYL PHTHALATE	1	1
DITERPENOID HYDROCARBON (DEHYDROABIETANE?)	8	8
DITERPENOID ALCOHOL (TOTAROL?)	12	12
ETHYLBENZENE	6	6
FLUORANTHENE	6	6
FLUORENE	15	15
HEPTACHLOR (PESTICIDE)	1	1
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	8	8
INDENO(1,2,3-CD)PYRENE	12	12
IRON	1	1
ISOPIMARADIENE	1	1
KAUR-16-ENE	2	2
LEAD	18	18
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	15	15
MERCURY	7	7
NAPHTHALENE	9	9
NICKEL	1	1
TOTAL NITROGEN (NO3+NO3+NH4)	13	13
N-NITROSO DIPHENYLAMINE	10	10
OIL AND GREASE	5	5
POLYCHLORINATED BIPHENYLS	20	20
PERCENT FINES (CLAY & SILT)	5	5
PENTACHLOROBUTADIENE	12	12
PHENANTHRENE	11	11
PHENOL	5	5
P,P'-DDD	8	8
P,P'-DDE	9	9
P,P'-DDT	4	4
PYRENE	7	7
RETENE	3	3
SILVER	1	1
SULFIDES	3	3
TOTAL BENZOFLUORANTHENES (B + K)	9	9
TETRACHLOROBUTADIENE	11	11
TETRACHLOROGUAIACOL	1	1
THALLIUM	3	3
TOTAL ORGANIC CARBON	3	3
TOTAL PHTHALATES	1	1
TRICHLOROBUTADIENE	9	9
1,2,4-TRITHIOLANE	13	13
TOTAL VOLATILE SOLIDS	2	2
TOTAL XYLENE	8	8
ZINC	24	24

TABLE F-4 SAMPLES NOT EXCEEDING 1988 AMPHIPOD BIOASSAY AET
(Comparisons based on 11 surveys)

NOTE: * indicates statistically significant (P<0.05) biological effect.

rev 5/27/88

SURVEY	STN_ID	DATE	SRV_SAMPID	FIELD_REP	SUBSAMPLE	BIO_EFFECT
=====	=====	=====	=====	=====	=====	=====
CBBLAIR	B03	06/01/84	B03		AMPT	BENA
CBBLAIR	B04	06/01/84	B04		AMPT	BENA
CBBLAIR	B09	06/01/84	B09		AMPT	BENA
CBBLAIR	B10	06/01/84	B10		AMPT	BENA
CBBLAIR	B12	06/01/84	B12		AMPT	BENA
CBMSQS	BL-11	01/01/84	BL-11		AMPT	BENA
CBMSQS	BL-13	01/01/84	BL-13		AMPT	BENA
CBMSQS	BL-21	01/01/84	BL-21		AMPT	BENA
CBMSQS	BL-25	01/01/84	BL-25		AMPT*	BENA
CBMSQS	BL-28	01/01/84	BL-28		AMPT	BENA
CBMSQS	BL-31	01/01/84	BL-31		AMPT	BENA
CBMSQS	CI-13	01/01/84	CI-13		AMPT	BENA*
CBMSQS	CI-17	01/01/84	CI-17		AMPT	BENA*
CBMSQS	CI-22	01/01/84	CI-22		AMPT	BENA
CBMSQS	CR-11	01/01/84	CR-11		AMPT	BENA
CBMSQS	CR-12	01/01/84	CR-12		AMPT	BENA
CBMSQS	CR-13	01/01/84	CR-13		AMPT	BENA
CBMSQS	CR-14	01/01/84	CR-14		AMPT	BENA
CBMSQS	HY-14	01/01/84	HY-14		AMPT	BENA*
CBMSQS	HY-17	01/01/84	HY-17		AMPT	BENA*
CBMSQS	HY-23	01/01/84	HY-23		AMPT*	BENA*
CBMSQS	HY-24	01/01/84	HY-24		AMPT	BENA*
CBMSQS	HY-28	01/01/84	HY-28		AMPT	BENA*
CBMSQS	HY-32	01/01/84	HY-32		AMPT	BENA*
CBMSQS	HY-37	01/01/84	HY-37		AMPT	BENA*
CBMSQS	HY-43	01/01/84	HY-43		AMPT	BENA*
CBMSQS	HY-44	01/01/84	HY-44		AMPT	BENA
CBMSQS	HY-50	01/01/84	HY-50		AMPT	BENA
CBMSQS	MD-12	01/01/84	MD-12		AMPT	BENA*
CBMSQS	MI-11	01/01/84	MI-11		AMPT*	BENA
CBMSQS	MI-13	01/01/84	MI-13		AMPT	BENA
CBMSQS	MI-15	01/01/84	MI-15		AMPT*	BENA
CBMSQS	RS-12	01/01/84	RS-12		AMPT	BENA

CBMSQS	RS-14	01/01/84	RS-14	AMPT	BENA	MICB	OYST
CBMSQS	RS-20	01/01/84	RS-20	AMPT	BENA*	MICB*	OYST
CBMSQS	RS-22	01/01/84	RS-22	AMPT		MICB	OYST
CBMSQS	SI-11	01/01/84	SI-11	AMPT	BENA*	MICB*	OYST
CBMSQS	SP-11	01/01/84	SP-11	AMPT	BENA*	MICB*	OYST
CBMSQS	SP-12	01/01/84	SP-12	AMPT	BENA	MICB*	OYST*
DUWRV1	DR-01	04/15/85	DR-01	AMPT			
DUWRV1	DR-02	04/15/85	DR-02	AMPT			
DUWRV1	DR-03	04/15/85	DR-03	AMPT			
DUWRV1	DR-04	04/15/85	DR-04	AMPT			
DUWRV1	DR-05	04/15/85	DR-05	AMPT			
DUWRV1	DR-06	04/15/85	DR-06	AMPT			
DUWRV1	DR-07	04/15/85	DR-07	AMPT*			
DUWRV1	SQ-09	04/19/85	SQ-09	AMPT			
DUWRV2	DR-11	07/01/85	CA2	AMPT*			
DUWRV2	DR-12	07/01/85	CA3	AMPT			
DUWRV2	DR-13	07/01/85	CB1	AMPT			
DUWRV2	DR-14	07/01/85	CB2	AMPT			
DUWRV2	DR-15	07/01/85	CB3	AMPT			
DUWRV2	DR-16	07/01/85	CB4	AMPT*			
DUWRV2	DR-17	07/01/85	CB5	AMPT			
DUWRV2	DR-18	07/01/85	CC1	AMPT			
DUWRV2	DR-19	07/01/85	CC2	AMPT			
DUWRV2	DR-20	07/01/85	CC3	AMPT			
DUWRV2	DR-21	07/01/85	CC4	AMPT			
DUWRV2	DR-22	07/01/85	CC5	AMPT			
DUWRV2	DR-23	07/01/85	CD1	AMPT			
DUWRV2	DR-24	07/01/85	CD2	AMPT			
DUWRV2	DR-25	07/01/85	CE1	AMPT*			
DUWRV2	DR-28	07/01/85	CF1	AMPT			
DUWRV2	DR-29	07/01/85	CF2	AMPT*			
DUWRV2	DR-30	07/01/85	CF3	AMPT			
DUWRV2	DR-31	07/01/85	CF4	AMPT			
DUWRV2	DR-32	07/01/85	CF5	AMPT			
DUWRV2	DR-33	07/01/85	CG1	AMPT			
DUWRV2	DR-34	07/01/85	CG2	AMPT			
DUWRV2	DR-35	07/01/85	CG3	AMPT			
DUWRV2	DR-36	07/01/85	CG4	AMPT			
DUWRV2	DR-37	07/01/85	CG5	AMPT			
DUWRV2	DR-38	07/01/85	CH1	AMPT			
DUWRV2	DR-39	07/01/85	CH/A1	AMPT			

DWRI1V2	SQ-21	07/01/85	SEQUIH	AMPT	
EBCHEM	AB-02	09/26/85	AB-02	AMPT	BENA
EBCHEM	AB-03	09/26/85	AB-03	AMPT	BENA*
EBCHEM	AB-04	09/26/85	AB-04	AMPT	BENA
EBCHEM	DR-01	09/30/85	DR-01	AMPT	
EBCHEM	DR-02	09/30/85	DR-02	AMPT*	
EBCHEM	DR-03	09/30/85	DR-03	AMPT	
EBCHEM	DR-04	09/30/85	DR-04	AMPT	
EBCHEM	DR-06	10/09/85	DR-06	AMPT	
EBCHEM	DR-07	09/30/85	DR-07	AMPT	
EBCHEM	DR-09	09/30/85	DR-09	AMPT	
EBCHEM	DR-11	09/30/85	DR-11	AMPT	
EBCHEM	DR-14	09/30/85	DR-14	AMPT*	
EBCHEM	DR-16	09/30/85	DR-16	AMPT*	
EBCHEM	DR-17	09/30/85	DR-17	AMPT	
EBCHEM	EW-01	10/09/85	EW-01	AMPT	
EBCHEM	EW-03	10/04/85	EW-03		BENA
EBCHEM	EW-10	10/14/85	EW-10	AMPT*	BENA
EBCHEM	EW-12	10/15/85	EW-12	AMPT	BENA
EBCHEM	EW-13	10/15/85	EW-13	AMPT	BENA
EBCHEM	EW-14	10/15/85	EW-14	AMPT	BENA
EBCHEM	EW-15	10/15/85	EW-15	AMPT	BENA
EBCHEM	KG-01	09/25/85	KG-01	AMPT	BENA*
EBCHEM	KG-02	10/09/85	KG-02	AMPT*	
EBCHEM	KG-03	09/25/85	KG-03	AMPT*	BENA
EBCHEM	KG-04	10/09/85	KG-04	AMPT	
EBCHEM	KG-06	09/30/85	KG-06	AMPT	BENA*
EBCHEM	KG-07	09/30/85	KG-07	AMPT	BENA*
EBCHEM	KG-08	10/01/85	KG-08	AMPT	BENA*
EBCHEM	KG-09	10/01/85	KG-09	AMPT*	BENA
EBCHEM	KG-11	10/01/85	KG-11	AMPT*	BENA*
EBCHEM	MG-01	09/26/85	MG-01	AMPT	BENA*
EBCHEM	MG-02	09/26/85	MG-02	AMPT	BENA*
EBCHEM	MG-03	09/26/85	MG-03	AMPT	BENA*
EBCHEM	MG-04	09/26/85	MG-04	AMPT	BENA*
EBCHEM	NH-01	10/15/85	NH-01	AMPT	BENA*
EBCHEM	NH-02	10/15/85	NH-02	AMPT*	BENA*
EBCHEM	NH-07	10/09/85	NH-07	AMPT	
EBCHEM	NH-09	10/16/85	NH-09	AMPT*	BENA
EBCHEM	NH-10	10/08/85	NH-10	AMPT	
EBCHEM	NH-11	10/15/85	NH-11	AMPT*	BENA*

EBCHEM	NS-02	09/27/85	NS-02	AMPT	BENA
EBCHEM	NS-03	10/04/85	NS-03	AMPT	BENA
EBCHEM	NS-05	10/04/85	NS-05	AMPT	BENA
EBCHEM	NS-08	09/26/85	NS-08	AMPT*	BENA*
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA
EBCHEM	PS-02	10/12/85	PS-02	AMPT	BENA
EBCHEM	PS-03	10/12/85	PS-03	AMPT	BENA
EBCHEM	PS-04	10/12/85	PS-04	AMPT	BENA
EBCHEM	SS-01	10/16/85	SS-01	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	AMPT	BENA
EBCHEM	SS-11	09/27/85	SS-11	AMPT	BENA
EBCHEM	SS-12	09/27/85	SS-12	AMPT	BENA
EBCHEM	WJ-01	10/01/85	WJ-01	AMPT	BENA*
EBCHEM	WJ-03	10/01/85	WJ-03	AMPT	BENA*
EBCHEM	WJ-04	10/01/85	WJ-04	AMPT	BENA*
EBCHEM	WJ-05	10/01/85	WJ-05	AMPT	BENA*
EBCHEM	WJ-06	10/01/85	WJ-06	AMPT	BENA*
EBCHEM	WJ-06	10/01/85	WJ-06	AMPT	BENA*
EBCHEM	WJ-08	10/01/85	WJ-08	AMPT*	BENA*
EBCHEM	WJ-10	10/02/85	WJ-10	AMPT	BENA*
EBCHEM	WJ-13	10/02/85	WJ-13	AMPT	BENA
EBCHEM	WJ-15	10/08/85	WJ-15	AMPT	BENA*
EBCHEM	WJ-16	10/02/85	WJ-16	AMPT	BENA*
EBCHEM	WJ-17	10/03/85	WJ-17	AMPT	BENA*
EBCHEM	WJ-18	10/03/85	WJ-18	AMPT	BENA*
EBCHEM	WJ-19	10/03/85	WJ-19	AMPT	BENA*
EBCHEM	WJ-20	10/03/85	WJ-20	AMPT	BENA*
EBCHEM	BH-01	06/01/85	B1	AMPT	BENA
EBCHEM	BH-02	06/01/85	B1	AMPT	BENA
EBCHEM	EH-01	06/01/85	B1	AMPT	BENA
EBCHEM	EH-02	06/01/85	B1	AMPT	BENA*
EBCHEM	EH-03	06/01/85	V6	AMPT	BENA*
EBCHEM	EH-05	06/01/85	V1	AMPT	BENA*
EBCHEM	EH-06	06/01/85	V6	AMPT	BENA*
EBCHEM	EH-15	06/01/85	V1	AMPT	BENA*
EBCHEM	EH-16	06/01/85	B1	AMPT	BENA*
EBCHEM	EH-16	06/01/85	V1	AMPT	BENA*
EIGHTBAY	BH-03	01/01/82	BH-03	AMPT	BENA*
EIGHTBAY	BH-04	01/01/82	BH-04	AMPT	

EIGHTBAY BH-05	01/01/82 BH-05	AMPT*
EIGHTBAY BH-07	01/01/82 BH-07	AMPT
EIGHTBAY BH-11	01/01/82 BH-11	AMPT
EIGHTBAY BH-12	01/01/82 BH-12	AMPT
EIGHTBAY BH-23	01/01/82 BH-23	AMPT*
EIGHTBAY BH-24	01/01/82 BH-24	AMPT
EIGHTBAY CS-01	01/01/82 CS-01	AMPT*
EIGHTBAY CS-11	01/01/82 CS-11	AMPT*
EIGHTBAY CS-15	01/01/82 CS-15	AMPT*
EIGHTBAY CS-17	01/01/82 CS-17	AMPT*
EIGHTBAY DB-01	01/01/82 DB-01	AMPT
EIGHTBAY DB-05	01/01/82 DB-05	AMPT
EIGHTBAY DB-07	01/01/82 DB-07	AMPT*
EIGHTBAY DB-15	01/01/82 DB-15	AMPT*
EIGHTBAY EL-09	01/01/82 EL-09	AMPT
EIGHTBAY EL-10	01/01/82 EL-10	AMPT
EIGHTBAY EL-12	01/01/82 EL-12	AMPT
EIGHTBAY EL-17	01/01/82 EL-17	AMPT
EIGHTBAY EL-20	01/01/82 EL-20	AMPT
EIGHTBAY EL-22	01/01/82 EL-22	AMPT
EIGHTBAY EL-23	01/01/82 EL-23	AMPT
EIGHTBAY EL-24	01/01/82 EL-24	AMPT
EIGHTBAY EV-02	01/01/82 EV-02	AMPT*
EIGHTBAY EV-03	01/01/82 EV-03	AMPT*
EIGHTBAY EV-06	01/01/82 EV-06	AMPT
EIGHTBAY EV-07	01/01/82 EV-07	AMPT
EIGHTBAY EV-11	01/01/82 EV-11	AMPT*
EIGHTBAY SC-06	01/01/82 SC-06	AMPT*
EIGHTBAY SC-07	01/01/82 SC-07	AMPT
EIGHTBAY SC-08	01/01/82 SC-08	AMPT*
EIGHTBAY SC-14	01/01/82 SC-14	AMPT*
EIGHTBAY SC-17	01/01/82 SC-17	AMPT*
EIGHTBAY SC-18	01/01/82 SC-18	AMPT*
EIGHTBAY SC-19	01/01/82 SC-19	AMPT
EIGHTBAY SM-01	01/01/82 SM-01	AMPT*
EIGHTBAY SM-03	01/01/82 SM-03	AMPT*
EIGHTBAY SM-07	01/01/82 SM-07	AMPT*
EIGHTBAY SM-20	01/01/82 SM-20	AMPT*
EIGHTBAY SQ-14	01/01/82 SQ-14	AMPT
EIGHTBAY SQ-17	01/01/82 SQ-17	AMPT
EIGHTBAY SQ-18	01/01/82 SQ-18	AMPT

	AMPT	BENA*
	AMPT	BENA
	AMPT	BENA*
	AMPT	BENA*
	AMPT*	BENA*
	AMPT*	BENA
	AMPT	BENA
	AMPT	
	AMPT	
	AMPT	
	AMPT	BENA
	AMPT	BENA
	AMPT	BENA
	AMPT	BENA*
	AMPT	
	AMPT	
	AMPT	BENA*
	AMPT	
	AMPT	
	AMPT	
	AMPT	
	AMPT	
	AMPT*	
	AMPT	

TABLE F-5. SAMPLES NOT EXCEEDING 1988 BENTHIC INFAUNA AET
(Comparisons based on 11 surveys)

NOTE: * indicates statistically significant ($P < 0.05$) biological effect.

SURVEY	STN_ID	DATE	SRV_SAMPID	FIELD_REP	SUBSAMPLE	BIO_EFFECT	
ALKI	AP-01	05/25/84	AP-01			BENA	
ALKI	AP-02	05/25/84	AP-02			BENA	
ALKI	AP-03	05/25/84	AP-03			BENA	
ALKI	AP-04	05/25/84	AP-04			BENA*	
ALKI	AP-05	05/25/84	AP-05			BENA	
ALKI	AP-06	05/25/84	AP-06			BENA	
ALKI	AP-07	05/25/84	AP-07			BENA	
ALKI	PW-01	05/26/84	PW-01			BENA	
ALKI	PW-02	05/26/84	PW-02			BENA	
ALKI	PW-03	05/26/84	PW-03			BENA	
ALKI	PW-04	05/26/84	PW-04			BENA	
CBBLAIR	B02	06/01/84	B02		AMPT	BENA	OYST
CBBLAIR	B03	06/01/84	B03		AMPT	BENA	OYST
CBBLAIR	B04	06/01/84	B04				
CBBLAIR	B07	06/01/84	B07				
CBBLAIR	B09	06/01/84	B09		AMPT	BENA	OYST
CBBLAIR	B10	06/01/84	B10		AMPT	BENA	OYST*
CBBLAIR	B11	06/01/84	B11				
CBBLAIR	B12	06/01/84	B12		AMPT	BENA	OYST
CBBLAIR	B14	06/01/84	B14				
CBBLAIR	B15	06/01/84	B15		AMPT*	BENA	OYST
CBBLAIR	B17	06/01/84	B17				
CBBLAIR	B18	06/01/84	B18				
CBMSQS	BL-11	01/01/84	BL-11		AMPT	BENA	MICB OYST
CBMSQS	BL-12	01/01/84	BL-12				
CBMSQS	BL-13	01/01/84	BL-13				
CBMSQS	BL-14	01/01/84	BL-14				
CBMSQS	BL-15	01/01/84	BL-15				
CBMSQS	BL-16	01/01/84	BL-16				
CBMSQS	BL-17	01/01/84	BL-17		AMPT	BENA	MICB* OYST
CBMSQS	BL-18	01/01/84	BL-18				
CBMSQS	BL-19	01/01/84	BL-19				
CBMSQS	BL-20	01/01/84	BL-20				

CBMSQS	BL-21	01/01/84	BL-21	AMPT	BENA	MICB	OYST
CBMSQS	BL-22	01/01/84	BL-22				
CBMSQS	BL-23	01/01/84	BL-23				
CBMSQS	BL-24	01/01/84	BL-24				
CBMSQS	BL-25	01/01/84	BL-25	AMPT*	BENA	MICB	OYST
CBMSQS	BL-26	01/01/84	BL-26				
CBMSQS	BL-27	01/01/84	BL-27				
CBMSQS	BL-28	01/01/84	BL-28	AMPT	BENA	MICB	OYST
CBMSQS	BL-29	01/01/84	BL-29				
CBMSQS	BL-30	01/01/84	BL-30				
CBMSQS	BL-31	01/01/84	BL-31	AMPT	BENA	MICB*	OYST
CBMSQS	BL-32	01/01/84	BL-32				
CBMSQS	CB-11	01/01/84	CB-11				
CBMSQS	CB-12	01/01/84	CB-12				
CBMSQS	CB-13	01/01/84	CB-13				
CBMSQS	CB-14	01/01/84	CB-14				
CBMSQS	CI-12	01/01/84	CI-12				
CBMSQS	CI-14	01/01/84	CI-14				
CBMSQS	CI-15	01/01/84	CI-15				
CBMSQS	CI-18	01/01/84	CI-18				
CBMSQS	CI-19	01/01/84	CI-19				
CBMSQS	CI-20	01/01/84	CI-20	AMPT*	BENA	MICB	OYST*
CBMSQS	CI-21	01/01/84	CI-21				
CBMSQS	CI-22	01/01/84	CI-22	AMPT	BENA	MICB	OYST
CBMSQS	CR-11	01/01/84	CR-11	AMPT	BENA	MICB	OYST
CBMSQS	CR-12	01/01/84	CR-12	AMPT	BENA	MICB	OYST
CBMSQS	CR-13	01/01/84	CR-13	AMPT	BENA	MICB	OYST
CBMSQS	CR-14	01/01/84	CR-14	AMPT	BENA	MICB	OYST
CBMSQS	HY-11	01/01/84	HY-11				
CBMSQS	HY-12	01/01/84	HY-12		BENA	MICB*	OYST*
CBMSQS	HY-13	01/01/84	HY-13				
CBMSQS	HY-15	01/01/84	HY-15				
CBMSQS	HY-16	01/01/84	HY-16				
CBMSQS	HY-18	01/01/84	HY-18				
CBMSQS	HY-19	01/01/84	HY-19				
CBMSQS	HY-20	01/01/84	HY-20				
CBMSQS	HY-21	01/01/84	HY-21				
CBMSQS	HY-25	01/01/84	HY-25				
CBMSQS	HY-26	01/01/84	HY-26				
CBMSQS	HY-27	01/01/84	HY-27				
CBMSQS	HY-29	01/01/84	HY-29				

CBMSQS	HY-30	01/01/84	HY-30				
CBMSQS	HY-31	01/01/84	HY-31				
CBMSQS	HY-33	01/01/84	HY-33				
CBMSQS	HY-34	01/01/84	HY-34				
CBMSQS	HY-35	01/01/84	HY-35				
CBMSQS	HY-36	01/01/84	HY-36				
CBMSQS	HY-38	01/01/84	HY-38				
CBMSQS	HY-39	01/01/84	HY-39				
CBMSQS	HY-40	01/01/84	HY-40				
CBMSQS	HY-41	01/01/84	HY-41				
CBMSQS	HY-44	01/01/84	HY-44	AMPT	BENA	MICB	OYST
CBMSQS	HY-45	01/01/84	HY-45				
CBMSQS	HY-46	01/01/84	HY-46				
CBMSQS	HY-48	01/01/84	HY-48				
CBMSQS	HY-49	01/01/84	HY-49				
CBMSQS	HY-50	01/01/84	HY-50				
CBMSQS	HY-51	01/01/84	HY-51				
CBMSQS	MD-11	01/01/84	MD-11	AMPT	BENA	MICB*	OYST
CBMSQS	MD-13	01/01/84	MD-13				
CBMSQS	MI-11	01/01/84	MI-11	AMPT*	BENA	MICB	OYST
CBMSQS	MI-12	01/01/84	MI-12				
CBMSQS	MI-13	01/01/84	MI-13	AMPT	BENA	MICB*	OYST
CBMSQS	MI-14	01/01/84	MI-14				
CBMSQS	MI-15	01/01/84	MI-15	AMPT*	BENA	MICB*	OYST
CBMSQS	RS-11	01/01/84	RS-11				
CBMSQS	RS-12	01/01/84	RS-12	AMPT	BENA	MICB	OYST
CBMSQS	RS-13	01/01/84	RS-13	AMPT*	BENA	MICB	OYST*
CBMSQS	RS-14	01/01/84	RS-14	AMPT	BENA	MICB	OYST
CBMSQS	RS-15	01/01/84	RS-15				
CBMSQS	RS-16	01/01/84	RS-16				
CBMSQS	RS-17	01/01/84	RS-17				
CBMSQS	RS-21	01/01/84	RS-21				
CBMSQS	SI-13	01/01/84	SI-13				
CBMSQS	SI-14	01/01/84	SI-14				
CBMSQS	SI-15	01/01/84	SI-15	AMPT*	BENA	MICB	OYST
CBMSQS	SP-12	01/01/84	SP-12	AMPT	BENA	MICB*	OYST*
CBMSQS	SP-13	01/01/84	SP-13				
DUWRIV1	DR-01	04/15/85	DR-01	AMPT			
DUWRIV1	DR-02	04/15/85	DR-02	AMPT			
DUWRIV1	DR-03	04/15/85	DR-03	AMPT			
DUWRIV1	DR-04	04/15/85	DR-04	AMPT			

DUWRIV1	DR-05	04/15/85	DR-05	AMPT
DUWRIV1	DR-06	04/15/85	DR-06	AMPT
DUWRIV1	DR-07	04/15/85	DR-07	AMPT*
DUWRIV1	DR-08	04/15/85	DR-08	AMPT*
DUWRIV1	SQ-09	04/19/85	SQ-09	AMPT
DUWRIV2	DR-10	07/01/85	CA1	AMPT*
DUWRIV2	DR-11	07/01/85	CA2	AMPT*
DUWRIV2	DR-12	07/01/85	CA3	AMPT
DUWRIV2	DR-13	07/01/85	CB1	AMPT
DUWRIV2	DR-14	07/01/85	CB2	AMPT
DUWRIV2	DR-15	07/01/85	CB3	AMPT
DUWRIV2	DR-16	07/01/85	CB4	AMPT*
DUWRIV2	DR-17	07/01/85	CB5	AMPT
DUWRIV2	DR-18	07/01/85	CC1	AMPT
DUWRIV2	DR-19	07/01/85	CC2	AMPT
DUWRIV2	DR-20	07/01/85	CC3	AMPT
DUWRIV2	DR-21	07/01/85	CC4	AMPT
DUWRIV2	DR-22	07/01/85	CC5	AMPT
DUWRIV2	DR-23	07/01/85	CD1	AMPT
DUWRIV2	DR-24	07/01/85	CD2	AMPT
DUWRIV2	DR-25	07/01/85	CE1	AMPT*
DUWRIV2	DR-26	07/01/85	CE2	AMPT*
DUWRIV2	DR-27	07/01/85	CE3	AMPT*
DUWRIV2	DR-28	07/01/85	CF1	AMPT
DUWRIV2	DR-29	07/01/85	CF2	AMPT*
DUWRIV2	DR-30	07/01/85	CF3	AMPT
DUWRIV2	DR-31	07/01/85	CF4	AMPT
DUWRIV2	DR-32	07/01/85	CF5	AMPT
DUWRIV2	DR-33	07/01/85	CG1	AMPT
DUWRIV2	DR-34	07/01/85	CG2	AMPT
DUWRIV2	DR-35	07/01/85	CG3	AMPT
DUWRIV2	DR-36	07/01/85	CG4	AMPT
DUWRIV2	DR-37	07/01/85	CG5	AMPT
DUWRIV2	DR-38	07/01/85	CH1	AMPT
DUWRIV2	DR-39	07/01/85	CW/A1	AMPT
DUWRIV2	SQ-21	07/01/85	SEQUIM	AMPT
EBCHEM	AB-02	09/26/85	AB-02	BENA
EBCHEM	AB-03	09/26/85	AB-03	BENA*
EBCHEM	AB-04	09/26/85	AB-04	BENA
EBCHEM	DR-01	09/30/85	DR-01	AMPT
EBCHEM	DR-03	09/30/85	DR-03	AMPT

EBCHEM	DR-04	09/30/85	DR-04	AMPT	
EBCHEM	DR-05	09/30/85	DR-05		
EBCHEM	DR-06	10/09/85	DR-06	AMPT	
EBCHEM	DR-07	09/30/85	DR-07	AMPT	
EBCHEM	DR-08	09/30/85	DR-08		
EBCHEM	DR-09	09/30/85	DR-09	AMPT	
EBCHEM	DR-11	09/30/85	DR-11	AMPT	
EBCHEM	DR-13	09/30/85	DR-13	AMPT*	
EBCHEM	DR-14	09/30/85	DR-14	AMPT*	
EBCHEM	DR-15	09/30/85	DR-15	AMPT*	
EBCHEM	DR-17	09/30/85	DR-17	AMPT	
EBCHEM	EW-01	10/09/85	EW-01	AMPT	
EBCHEM	EW-03	10/04/85	EW-03		BENA
EBCHEM	EW-04	10/14/85	EW-04	AMPT*	BENA*
EBCHEM	EW-10	10/14/85	EW-10	AMPT*	BENA
EBCHEM	EW-11	10/14/85	EW-11	AMPT*	BENA*
EBCHEM	EW-12	10/15/85	EW-12	AMPT	BENA
EBCHEM	EW-13	10/15/85	EW-13	AMPT	BENA
EBCHEM	EW-14	10/15/85	EW-14	AMPT	BENA
EBCHEM	EW-15	10/15/85	EW-15	AMPT	BENA
EBCHEM	EW-16	10/15/85	EW-16	AMPT*	BENA
EBCHEM	KG-02	10/09/85	KG-02	AMPT*	
EBCHEM	KG-03	09/25/85	KG-03	AMPT*	BENA
EBCHEM	KG-04	10/09/85	KG-04	AMPT	
EBCHEM	KG-07	09/30/85	KG-07	AMPT	BENA*
EBCHEM	KG-08	10/01/85	KG-08	AMPT	BENA*
EBCHEM	KG-09	10/01/85	KG-09	AMPT*	BENA
EBCHEM	KG-11	10/01/85	KG-11	AMPT*	BENA*
EBCHEM	MG-01	09/26/85	MG-01	AMPT	BENA*
EBCHEM	MG-02	09/26/85	MG-02	AMPT	BENA*
EBCHEM	MG-03	09/26/85	MG-03	AMPT	BENA*
EBCHEM	MG-04	09/26/85	MG-04	AMPT	BENA*
EBCHEM	NH-01	10/15/85	NH-01	AMPT	BENA*
EBCHEM	NH-02	10/15/85	NH-02	AMPT*	BENA*
EBCHEM	NH-07	10/09/85	NH-07	AMPT	
EBCHEM	NH-09	10/16/85	NH-09	AMPT*	BENA
EBCHEM	NH-11	10/15/85	NH-11	AMPT*	BENA*
EBCHEM	NS-01	10/08/85	NS-01	AMPT*	
EBCHEM	NS-02	09/27/85	NS-02	AMPT	BENA
EBCHEM	NS-03	10/04/85	NS-03	AMPT	BENA
EBCHEM	NS-04	10/08/85	NS-04		

EBCHEM	NS-05	10/04/85	NS-05	AMPT	BENA
EBCHEM	NS-07	10/04/85	NS-07	AMPT*	BENA
EBCHEM	NS-08	09/26/85	NS-08	AMPT*	BENA*
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA
EBCHEM	PS-01	10/12/85	PS-01	AMPT	BENA
EBCHEM	PS-02	10/12/85	PS-02	AMPT	BENA
EBCHEM	PS-03	10/12/85	PS-03	AMPT	BENA
EBCHEM	PS-04	10/12/85	PS-04	AMPT	BENA
EBCHEM	PS-05	10/15/85	PS-05	AMPT	BENA
EBCHEM	SS-01	10/16/85	SS-01	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	AMPT	BENA
EBCHEM	SS-05	10/03/85	SS-05	AMPT	BENA
EBCHEM	SS-07	10/03/85	SS-07	AMPT*	BENA
EBCHEM	SS-11	09/27/85	SS-11	AMPT	BENA
EBCHEM	SS-12	09/27/85	SS-12	AMPT	BENA
EBCHEM	WJ-01	10/01/85	WJ-01	AMPT	BENA*
EBCHEM	WJ-03	10/01/85	WJ-03	AMPT	BENA*
EBCHEM	WJ-06	10/01/85	WJ-06	AMPT	BENA*
EBCHEM	WJ-08	10/01/85	WJ-08	AMPT*	BENA*
EBCHEM	WJ-13	10/02/85	WJ-13	AMPT	BENA
EBCHEM	WJ-15	10/08/85	WJ-15	AMPT	BENA
EBCHEM	WJ-17	10/03/85	WJ-17	AMPT	BENA*
EIGHTBAY	SQ-14	01/01/82	SQ-14	AMPT	
EIGHTBAY	SQ-17	01/01/82	SQ-17	AMPT	
EIGHTBAY	SQ-18	01/01/82	SQ-18	AMPT	
EIGHTBAY	SQ-20	01/01/82	SQ-20	AMPT	
EIGHTBAY	SC-06	01/01/82	SC-06	AMPT*	
EIGHTBAY	SC-07	01/01/82	SC-07	AMPT	
EIGHTBAY	SC-08	01/01/82	SC-08	AMPT*	
EIGHTBAY	SC-14	01/01/82	SC-14	AMPT*	
EIGHTBAY	SC-17	01/01/82	SC-17	AMPT*	
EIGHTBAY	SC-18	01/01/82	SC-18	AMPT*	
EIGHTBAY	SC-19	01/01/82	SC-19	AMPT	
EIGHTBAY	SC-20	01/01/82	SC-20	AMPT*	
EIGHTBAY	CS-01	01/01/82	CS-01	AMPT*	
EIGHTBAY	CS-11	01/01/82	CS-11	AMPT*	
EIGHTBAY	CS-15	01/01/82	CS-15	AMPT*	
EIGHTBAY	CS-17	01/01/82	CS-17	AMPT*	
EIGHTBAY	DB-01	01/01/82	DB-01	AMPT	
EIGHTBAY	DB-05	01/01/82	DB-05	AMPT	
EIGHTBAY	DB-07	01/01/82	DB-07	AMPT*	

1

2

SS18

SS19

1

EIGHTBAY DB-15	01/01/82	DB-15	AMPT*
EIGHTBAY EL-09	01/01/82	EL-09	AMPT
EIGHTBAY EL-10	01/01/82	EL-10	AMPT
EIGHTBAY EL-12	01/01/82	EL-12	AMPT
EIGHTBAY EL-17	01/01/82	EL-17	AMPT
EIGHTBAY EL-20	01/01/82	EL-20	AMPT
EIGHTBAY EL-22	01/01/82	EL-22	AMPT
EIGHTBAY EL-23	01/01/82	EL-23	AMPT
EIGHTBAY EL-24	01/01/82	EL-24	AMPT
EIGHTBAY SM-01	01/01/82	SM-01	AMPT*
EIGHTBAY SM-03	01/01/82	SM-03	AMPT*
EIGHTBAY SM-07	01/01/82	SM-07	AMPT*
EIGHTBAY SM-20	01/01/82	SM-20	AMPT*
EIGHTBAY EV-01	01/01/82	EV-01	AMPT*
EIGHTBAY EV-02	01/01/82	EV-02	AMPT*
EIGHTBAY EV-03	01/01/82	EV-03	AMPT*
EIGHTBAY EV-04	01/01/82	EV-04	AMPT*
EIGHTBAY EV-05	01/01/82	EV-05	AMPT*
EIGHTBAY EV-06	01/01/82	EV-06	AMPT
EIGHTBAY EV-07	01/01/82	EV-07	AMPT
EIGHTBAY EV-11	01/01/82	EV-11	AMPT*
EIGHTBAY BH-03	01/01/82	BH-03	AMPT
EIGHTBAY BH-04	01/01/82	BH-04	AMPT
EIGHTBAY BH-05	01/01/82	BH-05	AMPT*
EIGHTBAY BH-07	01/01/82	BH-07	AMPT
EIGHTBAY BH-11	01/01/82	BH-11	AMPT
EIGHTBAY BH-12	01/01/82	BH-12	AMPT
EIGHTBAY BH-23	01/01/82	BH-23	AMPT*
EIGHTBAY BH-24	01/01/82	BH-24	AMPT
ENCHM BH-01	06/01/85	B1	AMPT BENA
ENCHM BH-02	06/01/85	B1	AMPT BENA
ENCHM EH-01	06/01/85	B1	AMPT BENA
ENCHM EH-02	06/01/85	B1	AMPT BENA*
ENCHM EH-03	06/01/85	V6	AMPT BENA*
ENCHM EH-04	06/01/85	V1	AMPT
ENCHM EH-07	06/01/85	V1	
ENCHM EH-09	06/01/85	V1	
ENCHM EH-10	06/01/85	V1	
ENCHM EH-11	06/01/85	V1	
ENCHM EH-12	06/01/85	B1	
ENCHM EH-13	06/01/85	V1	

ENCHEN	EH-14	06/01/85	V1		
ENCHEN	EH-16	06/01/85	B1		
ENCHEN	EH-17	06/01/85	V1		
ENCHEN	EH-18	06/01/85	V1		
ENCHEN	EH-19	06/01/85	V1		
ENCHEN	EH-20	06/01/85	V1		
ENCHEN	EH-21	06/01/85	V1		
ENCHEN	EH-22	06/01/85	B1		
ENCHEN	EH-23	06/01/85	V1		
ENCHEN	EH-24	06/01/85	V1		
ENCHEN	RB-01	06/01/85	V1		
ENCHEN	RB-02	06/01/85	V1		
ENCHEN	RB-03	06/01/85	V1		
ENCHEN	RB-04	06/01/85	V1		
ENCHEN	RB-05	06/01/85	V1		
ENCHEN	RB-06	06/01/85	B1		
ENCHEN	RB-07	06/01/85	V1		
ENCHEN	WP-01	06/01/85	V1		
EVCHEN	EW-02	09/30/86	EW-02G		
EVCHEN	EW-03	09/30/86	EW-03G		
EVCHEN	EW-05	09/30/86	EW-05G		
EVCHEN	EW-06	09/30/86	EW-06G		
EVCHEN	EW-08	09/30/86	EW-08G		
EVCHEN	EW-09	09/30/86	EW-09G		
EVCHEN	EW-11	09/30/86	EW-11G		
EVCHEN	EW-13	10/01/86	EW-13G		
EVCHEN	EW-15	10/01/86	EW-15G		
EVCHEN	NG-01	10/02/86	NG-01G	NG01	AMPT BENA
EVCHEN	NG-05	10/02/86	NG-05G		
EVCHEN	NG-06	10/08/86	NG-06G	NG06	AMPT* BENA
EVCHEN	NG-07	10/02/86	NG-07G		
EVCHEN	NG-08	10/02/86	NG-08G		
EVCHEN	NG-09	10/03/86	NG-09G		
EVCHEN	NG-10	10/03/86	NG-10G	NG10	AMPT BENA
EVCHEN	NG-11	10/03/86	NG-11G		
EVCHEN	NG-12	10/15/86	NG-12G		AMPT
EVCHEN	NG-13	10/15/86	NG-13G		AMPT
EVCHEN	OG-01	10/09/86	OG-01G		
EVCHEN	OG-02	10/09/86	OG-02G		
EVCHEN	OG-04	10/09/86	OG-04G		
EVCHEN	OG-05	10/09/86	OG-05G		

EVCHEM	OG-06	10/09/86	OG-06G						
EVCHEM	OG-07	10/09/86	OG-07G						
EVCHEM	PS-02	10/13/86	PS-02G	PS02	AMPT	BENA			
EVCHEM	PS-03	10/13/86	PS-03G	PS03	AMPT	BENA			
EVCHEM	PS-04	10/10/86	PS-04G	PS04	AMPT	BENA			
EVCHEM	SD-01	10/09/86	SD-01G	SD01	AMPT	BENA*			
EVCHEM	SD-02	10/07/86	SD-02G	SD02		BENA			
EVCHEM	SD-03	10/02/86	SD-03G						
EVCHEM	SR-01	10/06/86	SR-01G		AMPT				
EVCHEM	SR-02	10/06/86	SR-02G		AMPT				
EVCHEM	SR-03	10/06/86	SR-03G						
EVCHEM	SR-05	10/06/86	SR-05G						
EVCHEM	SR-06	10/06/86	SR-06G						
EVCHEM	SS-02	10/06/86	SS-02G						
EVCHEM	SS-03	10/06/86	SS-03G						
EVCHEM	SS-04	10/06/86	SS-04G						
EVCHEM	SS-05	10/06/86	SS-05G						
EVCHEM	SS-06	10/06/86	SS-06G						
EVERETT1	EV-20	01/01/85	EV-20		AMPT				
EVERETT1	EV-21	01/01/85	EV-21		AMPT				
EVERETT1	EV-22	01/01/85	EV-22		AMPT				
EVERETT1	EV-23	01/01/85	EV-23		AMPT				
EVERETT1	EV-24	01/01/85	EV-24		AMPT*				
EVERETT1	EV-25	01/01/85	EV-25		AMPT				
TPPS3AB	EB-30	03/15/82	1824						
TPPS3AB	EB-30	07/15/82	2081						
TPPS3AB	EB-31	03/15/82	1818						
TPPS3AB	EB-31	07/15/82	2078						
TPPS3AB	EB-32	03/15/82	1825						
TPPS3AB	EB-32	07/15/82	2077						
TPPS3AB	EB-34	03/15/82	1780						
TPPS3AB	EB-34	07/15/82	2071						
TPPS3AB	EB-37	03/15/82	1777						
TPPS3AB	EB-37	07/15/82	2073						
TPPS3AB	EB-38	03/15/82	1778			BENA*			
TPPS3AB	EB-38	07/15/82	2074			BENA*			
TPPS3AB	EB-39	03/15/82	1814						
TPPS3AB	EB-39	07/15/82	2075						
TPPS3AB	WP-01	03/15/82	1806						
TPPS3AB	WP-01	07/15/82	2088						
TPPS3AB	WP-02	03/15/82	1807						

TPPS3AB	WP-02	07/15/82	2089	BENA
TPPS3AB	WP-03	03/15/82	1788	BENA*
TPPS3AB	WP-03	07/15/82	2090	
TPPS3AB	WP-04	03/15/82	1809	BENA
TPPS3AB	WP-04	07/15/82	2091	BENA
TPPS3AB	WP-05	07/15/82	2092	
TPPS3AB	WP-06	03/15/82	1811	BENA
TPPS3AB	WP-06	07/15/82	2084	
TPPS3AB	WP-07	03/15/82	1812	BENA
TPPS3AB	WP-07	07/15/82	2093	
TPPS3AB	WP-08	03/15/82	1813	BENA*
TPPS3AB	WP-08	07/15/82	2083	
TPPS3AB	WP-09	03/15/82	1815	BENA
TPPS3AB	WP-09	07/15/82	2082	
TPPS3AB	WP-10	03/15/82	1787	BENA
TPPS3AB	WP-10	07/15/82	2076	
TPPS3AB	WP-12	03/15/82	1786	BENA
TPPS3AB	WP-12	07/15/82	2069	BENA
TPPS3AB	WP-13	03/15/82	1784	BENA
TPPS3AB	WP-13	07/15/82	2070	BENA
TPPS3AB	WP-14	03/15/82	1785	BENA
TPPS3AB	WP-15	03/15/82	1817	BENA
TPPS3AB	WP-15	07/15/82	2094	BENA
TPPS3AB	WP-16	03/15/82	1816	BENA*
TPPS3AB	WP-16	07/15/82	2086	BENA

TABLE F-6. SAMPLES EXCEEDING 1988 AMPHIPOD BIOASSAY AET
(Comparisons based on 11 surveys)

NOTE: * indicates statistically significant ($P < 0.05$) biological effect.
rev 5/27/88

SURVEY	STN_ID	DATE	SRV_SAMPLEID	TEST_TYPE	FIELD_REP	SUBSAMPLE	NUM_CHEMS	BIO_EFFECT
CBBLAIR	B15	06/01/84	B15	AMPT			1	AMPT* BENA OYST
CBMSQS	CI-11	01/01/84	CI-11	AMPT			5	AMPT* BENA* MICB* OYST*
CBMSQS	CI-16	01/01/84	CI-16	AMPT			5	BENA* MICB* OYST*
CBMSQS	CI-20	01/01/84	CI-20	AMPT			3	AMPT* BENA MICB OYST*
CBMSQS	HY-12	01/01/84	HY-12	AMPT			1	BENA MICB* OYST*
CBMSQS	HY-22	01/01/84	HY-22	AMPT			10	AMPT* BENA* MICB* OYST*
CBMSQS	HY-42	01/01/84	HY-42	AMPT			4	AMPT* BENA* MICB* OYST
CBMSQS	HY-47	01/01/84	HY-47	AMPT			4	AMPT* BENA* MICB* OYST*
CBMSQS	RS-13	01/01/84	RS-13	AMPT			1	AMPT* BENA MICB OYST*
CBMSQS	RS-18	01/01/84	RS-18	AMPT			21	AMPT* BENA* MICB* OYST*
CBMSQS	RS-19	01/01/84	RS-19	AMPT			9	AMPT* BENA* MICB* OYST*
CBMSQS	RS-24	01/01/84	RS-24	AMPT			5	AMPT* MICB OYST
CBMSQS	SI-12	01/01/84	SI-12	AMPT			2	AMPT* BENA* MICB* OYST
CBMSQS	SI-15	01/01/84	SI-15	AMPT			1	AMPT* BENA MICB OYST
CBMSQS	SP-14	01/01/84	SP-14	AMPT			11	AMPT* BENA* MICB* OYST*
CBMSQS	SP-15	01/01/84	SP-15	AMPT			1	AMPT* BENA* MICB* OYST*
CBMSQS	SP-16	01/01/84	SP-16	AMPT			1	AMPT* BENA* MICB* OYST*
DUWRIV1	DR-08	04/15/85	DR-08	AMPT			4	AMPT*
DUWRIV2	DR-10	07/01/85	CA1	AMPT			2	AMPT*
DUWRIV2	DR-26	07/01/85	CE2	AMPT			3	AMPT*
DUWRIV2	DR-27	07/01/85	CE3	AMPT			4	AMPT*
EBCHEM	AB-01	09/26/85	AB-01	AMPT			2	AMPT*
EBCHEM	DR-10	09/30/85	DR-10	AMPT			2	
EBCHEM	DR-12	09/30/85	DR-12	AMPT			1	AMPT*
EBCHEM	DR-13	09/30/85	DR-13	AMPT			1	AMPT*
EBCHEM	DR-15	09/30/85	DR-15	AMPT			2	AMPT*
EBCHEM	DR-25	10/10/85	DR-25	AMPT			6	AMPT* BENA*
EBCHEM	EW-02	10/04/85	EW-02	AMPT			1	AMPT* BENA*
EBCHEM	EW-04	10/14/85	EW-04	AMPT			7	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	AMPT	1		6	AMPT* BENA*
EBCHEM	EW-05	10/14/85	EW-05	AMPT	2		6	AMPT* BENA*
EBCHEM	EW-06	10/04/85	EW-06	AMPT			2	AMPT* BENA*
EBCHEM	EW-07	10/14/85	EW-07	AMPT				

EBCHEM	EW-08	10/14/85	EW-08	AMPT	3	AMPT*	BENA*
EBCHEM	EW-09	10/14/85	EW-09	AMPT	3	AMPT*	BENA*
EBCHEM	EW-11	10/14/85	EW-11	AMPT	2	AMPT*	BENA*
EBCHEM	EW-16	10/15/85	EW-16	AMPT	1	AMPT*	BENA
EBCHEM	KG-05	09/30/85	KG-05	AMPT	2	AMPT*	BENA*
EBCHEM	KG-10	10/08/85	KG-10	AMPT	2	AMPT*	
EBCHEM	NH-03	10/16/85	NH-03	AMPT	14	AMPT*	BENA*
EBCHEM	NH-04	10/15/85	NH-04	AMPT	8	AMPT*	BENA*
EBCHEM	NH-05	10/15/85	NH-05	AMPT	2	AMPT*	BENA*
EBCHEM	NH-06	10/16/85	NH-06	AMPT	21	AMPT*	BENA*
EBCHEM	NH-08	10/16/85	NH-08	AMPT	19	AMPT*	BENA*
EBCHEM	NS-01	10/08/85	NS-01	AMPT	1	AMPT*	
EBCHEM	NS-06	09/27/85	NS-06	AMPT	2		BENA*
EBCHEM	NS-07	10/04/85	NS-07	AMPT	3	AMPT*	BENA
EBCHEM	SS-03	10/04/85	SS-03	AMPT	8	AMPT*	BENA*
EBCHEM	SS-04	10/04/85	SS-04	AMPT	8		BENA*
EBCHEM	SS-06	10/03/85	SS-06	AMPT	13	AMPT*	BENA*
EBCHEM	SS-07	10/03/85	SS-07	AMPT	11	AMPT*	BENA
EBCHEM	SS-08	09/27/85	SS-08	AMPT	29	AMPT*	BENA*
EBCHEM	SS-09	09/27/85	SS-09	AMPT	24	AMPT*	BENA*
EBCHEM	SS-10	09/27/85	SS-10	AMPT	4		
EBCHEM	WJ-02	10/09/85	WJ-02	AMPT	1	AMPT*	
EBCHEM	WJ-09	10/02/85	WJ-09	AMPT	3	AMPT*	BENA*
EBCHEM	WJ-11	10/02/85	WJ-11	AMPT	1	AMPT*	BENA*
EBCHEM	WJ-12	10/02/85	WJ-12	AMPT	6	AMPT*	BENA*
EBCHEM	WJ-14	10/02/85	WJ-14	AMPT	5		BENA*
EBCHEM	EH-08	06/01/85	B1	AMPT	9		
EBCHEM	EH-08	06/01/85	V1	AMPT	17	AMPT*	BENA*
EIGHTBAY	SC-20	01/01/82	SC-20	AMPT	1	AMPT*	
EIGHTBAY	EV-01	01/01/82	EV-01	AMPT	1	AMPT*	
EIGHTBAY	EV-04	01/01/82	EV-04	AMPT	6	AMPT*	
EIGHTBAY	EV-05	01/01/82	EV-05	AMPT	1	AMPT*	
EVCHEM	EW-01	10/07/86	EW-01G	AMPT	19	AMPT*	BENA*
EVCHEM	EW-04	09/30/86	EW-04G	AMPT	34	AMPT*	BENA*
EVCHEM	EW-07	09/30/86	EW-07G	AMPT	20	AMPT*	BENA*
EVCHEM	EW-10	10/01/86	EW-10G	AMPT	12	AMPT*	BENA*
EVCHEM	EW-14	10/01/86	EW-14G	AMPT	23		BENA*
EVCHEM	OG-03	10/09/86	OG-03G	AMPT	9	AMPT*	
EVCHEM	SD-02	10/07/86	SD-02G	AMPT	2		BENA
EVCHEM	SR-07	10/03/86	SR-07G	AMPT	3		BENA*

TABLE F-7. SAMPLES EXCEEDING 1988 BENTHIC INFAUNA AET
(Comparisons based on 11 surveys)

NOTE: * indicates statistically significant (P<0.05) biological effect.

SURVEY	STN_ID	DATE	SRV_SAMPID	TEST_TYPE	FIELD_REP	SUBSAMPLE	NUM_CHEMS	BIO_EFFECT
CBMSQS	CI-11	01/01/84	CI-11	BENA			4	AMPT* BENA* MICB* OYST*
CBMSQS	CI-13	01/01/84	CI-13	BENA			4	AMPT BENA* MICB* OYST*
CBMSQS	CI-16	01/01/84	CI-16	BENA			5	BENA* MICB* OYST*
CBMSQS	CI-17	01/01/84	CI-17	BENA			2	AMPT BENA* MICB* OYST
CBMSQS	HY-14	01/01/84	HY-14	BENA			3	AMPT BENA* MICB* OYST
CBMSQS	HY-17	01/01/84	HY-17	BENA			9	AMPT BENA* MICB* OYST*
CBMSQS	HY-22	01/01/84	HY-22	BENA			20	AMPT* BENA* MICB* OYST*
CBMSQS	HY-23	01/01/84	HY-23	BENA			9	AMPT* BENA* MICB* OYST*
CBMSQS	HY-24	01/01/84	HY-24	BENA			7	AMPT BENA* MICB* OYST
CBMSQS	HY-28	01/01/84	HY-28	BENA			11	AMPT BENA* MICB OYST
CBMSQS	HY-32	01/01/84	HY-32	BENA			6	AMPT BENA* MICB OYST
CBMSQS	HY-37	01/01/84	HY-37	BENA			6	AMPT BENA* MICB* OYST
CBMSQS	HY-42	01/01/84	HY-42	BENA			10	AMPT* BENA* MICB* OYST
CBMSQS	HY-43	01/01/84	HY-43	BENA			9	AMPT BENA* MICB* OYST
CBMSQS	HY-47	01/01/84	HY-47	BENA			8	AMPT* BENA* MICB* OYST*
CBMSQS	MD-12	01/01/84	MD-12	BENA			7	AMPT BENA* MICB OYST
CBMSQS	RS-18	01/01/84	RS-18	BENA			22	AMPT* BENA* MICB* OYST*
CBMSQS	RS-19	01/01/84	RS-19	BENA			9	AMPT* BENA* MICB* OYST*
CBMSQS	RS-20	01/01/84	RS-20	BENA			1	AMPT BENA* MICB* OYST
CBMSQS	RS-22	01/01/84	RS-22	BENA			1	AMPT MICB OYST
CBMSQS	RS-24	01/01/84	RS-24	BENA			7	MICB MICB OYST
CBMSQS	SI-11	01/01/84	SI-11	BENA			4	AMPT BENA* MICB* OYST
CBMSQS	SI-12	01/01/84	SI-12	BENA			4	AMPT* BENA* MICB* OYST
CBMSQS	SP-11	01/01/84	SP-11	BENA			1	AMPT BENA* MICB* OYST
CBMSQS	SP-14	01/01/84	SP-14	BENA			11	AMPT* BENA* MICB* OYST*
CBMSQS	SP-15	01/01/84	SP-15	BENA			4	AMPT* BENA* MICB* OYST*
CBMSQS	SP-16	01/01/84	SP-16	BENA			2	AMPT* BENA* MICB* OYST*
EBCHEM	AB-01	09/26/85	AB-01	BENA			2	AMPT*
EBCHEM	DR-02	09/30/85	DR-02	BENA			1	AMPT*
EBCHEM	DR-10	09/30/85	DR-10	BENA			6	
EBCHEM	DR-12	09/30/85	DR-12	BENA			2	
EBCHEM	DR-16	09/30/85	DR-16	BENA			1	AMPT*

EBCHEM	DR-25	10/10/85	DR-25	BENA	1	AMPT*	BENA*
EBCHEM	EW-02	10/04/85	EW-02	BENA	7	AMPT*	BENA*
EBCHEM	EW-05	10/14/85	EW-05	BENA	10	AMPT*	BENA*
EBCHEM	EW-05	10/14/85	EW-05	BENA	8	AMPT*	BENA*
EBCHEM	EW-06	10/04/85	EW-06	BENA	4	AMPT*	BENA*
EBCHEM	EW-07	10/14/85	EW-07	BENA	2	AMPT*	BENA*
EBCHEM	EW-08	10/14/85	EW-08	BENA	2	AMPT*	BENA*
EBCHEM	EW-09	10/14/85	EW-09	BENA	2	AMPT*	BENA*
EBCHEM	KG-01	09/25/85	KG-01	BENA	3	AMPT	BENA*
EBCHEM	KG-05	09/30/85	KG-05	BENA	2	AMPT*	BENA*
EBCHEM	KG-06	09/30/85	KG-06	BENA	5	AMPT	BENA*
EBCHEM	KG-10	10/08/85	KG-10	BENA	2	AMPT*	BENA*
EBCHEM	NH-03	10/16/85	NH-03	BENA	16	AMPT*	BENA*
EBCHEM	NH-04	10/15/85	NH-04	BENA	6	AMPT*	BENA*
EBCHEM	NH-05	10/15/85	NH-05	BENA	1	AMPT*	BENA*
EBCHEM	NH-06	10/16/85	NH-06	BENA	24	AMPT*	BENA*
EBCHEM	NH-08	10/16/85	NH-08	BENA	22	AMPT*	BENA*
EBCHEM	NH-10	10/08/85	NH-10	BENA	1	AMPT	BENA*
EBCHEM	NS-06	09/27/85	NS-06	BENA	2		BENA*
EBCHEM	SS-03	10/04/85	SS-03	BENA	9	AMPT*	BENA*
EBCHEM	SS-04	10/04/85	SS-04	BENA	7		BENA*
EBCHEM	SS-06	10/03/85	SS-06	BENA	18	AMPT*	BENA*
EBCHEM	SS-08	09/27/85	SS-08	BENA	28	AMPT*	BENA*
EBCHEM	SS-09	09/27/85	SS-09	BENA	26	AMPT*	BENA*
EBCHEM	SS-10	09/27/85	SS-10	BENA	2		
EBCHEM	WW-02	10/09/85	WW-02	BENA	1	AMPT*	BENA*
EBCHEM	WW-04	10/01/85	WW-04	BENA	7	AMPT	BENA*
EBCHEM	WW-05	10/01/85	WW-05	BENA	1	AMPT	BENA*
EBCHEM	WW-06	10/01/85	WW-06	BENA	2	AMPT	BENA*
EBCHEM	WW-09	10/02/85	WW-09	BENA	6	AMPT*	BENA*
EBCHEM	WW-10	10/02/85	WW-10	BENA	1	AMPT	BENA*
EBCHEM	WW-11	10/02/85	WW-11	BENA	3	AMPT*	BENA*
EBCHEM	WW-12	10/02/85	WW-12	BENA	6	AMPT*	BENA*
EBCHEM	WW-14	10/02/85	WW-14	BENA	3		BENA*
EBCHEM	WW-16	10/02/85	WW-16	BENA	1	AMPT	BENA*
EBCHEM	WW-18	10/03/85	WW-18	BENA	1	AMPT	BENA*
EBCHEM	WW-19	10/03/85	WW-19	BENA	4	AMPT	BENA*
EBCHEM	WW-20	10/03/85	WW-20	BENA	1	AMPT	BENA*
EBCHEM	EH-05	06/01/85	V1	BENA	1	AMPT	BENA*
EBCHEM	EH-06	06/01/85	V6	BENA	3	AMPT	BENA*
EBCHEM	EH-08	06/01/85	B1	BENA	12		

EHCHEN	EH-08	06/01/85	V1	BENA		13	AMPT*	BENA*
EHCHEN	EH-15	06/01/85	V1	BENA		6	AMPT	BENA*
EHCHEN	EH-16	06/01/85	V1	BENA		4	AMPT	BENA*
EVCHEN	ES-01	10/06/86	ES-01G	BENA		1	AMPT	
EVCHEN	ES-02	10/06/86	ES-02G	BENA		2	AMPT	
EVCHEN	ES-03	10/06/86	ES-03G	BENA		4	AMPT	
EVCHEN	EW-01	10/07/86	EW-01G	BENA	EW01	17	AMPT*	BENA*
EVCHEN	EW-04	09/30/86	EW-04G	BENA	EW04	31	AMPT*	BENA*
EVCHEN	EW-07	09/30/86	EW-07G	BENA	EW07	22	AMPT*	BENA*
EVCHEN	EW-10	10/01/86	EW-10G	BENA	EW10	13	AMPT*	BENA*
EVCHEN	EW-12	10/01/86	EW-12G	BENA	EW12	8	AMPT	BENA*
EVCHEN	EW-14	10/01/86	EW-14G	BENA	EW14	28		BENA*
EVCHEN	NG-02	10/02/86	NG-02G	BENA	NG02	2	AMPT	BENA*
EVCHEN	NG-03	10/02/86	NG-03G	BENA	NG03	1	AMPT	BENA*
EVCHEN	NG-04	10/02/86	NG-04G	BENA	NG04	3	AMPT*	BENA*
EVCHEN	NG-14	10/15/86	NG-14G	BENA		2	AMPT	
EVCHEN	NG-15	10/15/86	NG-15G	BENA		1	AMPT	
EVCHEN	OG-03	10/09/86	OG-03G	BENA	OG03	12	AMPT*	
EVCHEN	SR-04	10/06/86	SR-04G	BENA		7	AMPT	
EVCHEN	SR-07	10/03/86	SR-07G	BENA	SR07	7		BENA*
EVCHEN	SR-08	10/03/86	SR-08G	BENA	SR08	5	AMPT	BENA*
EVCHEN	SS-01	10/06/86	SS-01G	BENA		1	AMPT	
TPPS3AB	EB-33	03/15/82	1779	BENA		8		BENA*
TPPS3AB	EB-33	07/15/82	2080	BENA		3		BENA*
TPPS3AB	EB-35	03/15/82	1775	BENA		8		BENA*
TPPS3AB	EB-35	07/15/82	2079	BENA		8		BENA*
TPPS3AB	EB-36	03/15/82	1776	BENA		4		BENA*
TPPS3AB	EB-36	07/15/82	2072	BENA		3		BENA*
TPPS3AB	WP-05	03/15/82	1810	BENA		1		
TPPS3AB	WP-11	03/15/82	1789	BENA		16		
TPPS3AB	WP-11	07/15/82	2087	BENA		4		
TPPS3AB	WP-14	07/15/82	2085	BENA		2		

TABLE F-8. SUMMARY OF COMPARISONS TO 1988 AMPHIPOD BIOASSAY AET
FOR 11 PUGET SOUND SURVEYS

rev 9/20/88

Data columns in the output identify, in order from left to right:

Chemical name

Concentration

Measurement units

Qualifier code of the chemical measurement

Measurement basis

Factor by which the concentration exceeds the AET

If an asterisk appears, the AET value was qualified with a "G."

Survey: CBBLAIR Station: B15

=====

Date: 06/01/84 Sample ID: B15

Amphipod toxicity AET.

2,3,5 TRIMETHYL NAPHTHALENE	56	PPB E	DRY	1.04
-----------------------------	----	-------	-----	------

Survey: CBMSQS Station: CI-11

=====

Date: 01/01/84 Sample ID: CI-11

Amphipod toxicity AET.

1,4-DICHLOROBENZENE	290	PPB	DRY	2.42
LEAD	730	PPM	DRY	1.11
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.21
OIL AND GREASE	5700	PPM	DRY	1.30

Survey: CBMSQS Station: CI-16

=====

Date: 01/01/84 Sample ID: CI-16

Amphipod toxicity AET.

1,2-DICHLOROBENZENE	350	PPB	DRY	3.18 *
1,4-DICHLOROBENZENE	260	PPB	DRY	2.17
DI-N-BUTYL PHTHALATE	1600	PPB Z	DRY	1.14
TOTAL NITROGEN (NO3+NO3+NH4)	0.49	PCT	DRY	1.69

N-NITROSO DIPHENYLAMINE 220 PPB DRY 4.58

Survey: CBMSQS Station: CI-20
=====

Date: 01/01/84 Sample ID: CI-20

Amphipod toxicity AET.

BARIUM	50	PPM	DRY	1.04
2-METHYLPYRENE	510	PPB E	DRY	1.24

Survey: CBMSQS Station: HY-12
=====

Date: 01/01/84 Sample ID: HY-12

Amphipod toxicity AET.

DI-N-BUTYL PHTHALATE	5100	PPB 2	DRY	3.64
----------------------	------	-------	-----	------

Survey: CBMSQS Station: HY-22
=====

Date: 01/01/84 Sample ID: HY-22

Amphipod toxicity AET.

1,4-DICHLOROBENZENE	180	PPB	DRY	1.50
DIBENZO(A,H)ANTHRACENE	1500	PPB	DRY	2.78
BENZO(A)PYRENE	6100	PPB	DRY	2.03
INDENO(1,2,3-CD)PYRENE	2700	PPB	DRY	1.50
TOTAL BENZOFLUORANTHENES (B + K)	8500	PPB	DRY	1.09
HEXACHLOROBUTADIENE	730	PPB	DRY	4.06
1,2,4-TRICHLOROBENZENE	260	PPB	DRY	5.10
HEXACHLOROBENZENE	730	PPB	DRY	5.62
HEXACHLOROETHANE	2800	PPB	DRY	20.00

Survey: CBMSQS Station: HY-42
=====

Date: 01/01/84 Sample ID: HY-42

Amphipod toxicity AET.

PENTACHLOROBUTADIENE	3300	PPB	DRY	1.18
HEXACHLOROBUTADIENE	270	PPB	DRY	1.50
1,2,4-TRICHLOROBENZENE	64	PPB	DRY	1.25

HEXACHLOROBENZENE	230	PPB	DRY	1.77
-------------------	-----	-----	-----	------

Survey: CBMSQS Station: HY-47
=====

Date: 01/01/84 Sample ID: HY-47

Amphipod toxicity AET.

DI-N-BUTYL PHTHALATE	1500	PPB Z	DRY	1.07
TOTAL NITROGEN (NO3+NO3+NH4)	0.89	PCT	DRY	3.07
PENTACHLOROBUTADIENE	3200	PPB	DRY	1.14
HEXACHLOROBUTADIENE	290	PPB	DRY	1.61

Survey: CBMSQS Station: RS-13
=====

Date: 01/01/84 Sample ID: RS-13

Amphipod toxicity AET.

2-METHYLPHENOL	72	PPB	DRY	1.14
----------------	----	-----	-----	------

Survey: CBMSQS Station: RS-18
=====

Date: 01/01/84 Sample ID: RS-18

Amphipod toxicity AET.

1,4-DICHLOROBENZENE	250	PPB	DRY	2.08
ACENAPHTHENE	2500	PPB	DRY	1.25
ANTIMONY (SB)	420	PPM	DRY	2.10
ARSENIC	9700	PPM	DRY	104.30
BENZO(A)PYRENE	4000	PPB	DRY	1.33
BARIUM	71	PPM	DRY	1.48
CADMIUM	180	PPM	DRY	26.87
COPPER	11000	PPM	DRY	8.46
DIBENZOTHIOPHENE	1100	PPB E	DRY	1.16
LEAD	6300	PPM	DRY	9.55
MERCURY	52	PPM	DRY	24.76
N-NITROSO DIPHENYLAMINE	610	PPB	DRY	12.71
PHENANTHRENE	11000	PPB	DRY	1.59
ZINC	3300	PPM	DRY	3.44
DIBENZOFURAN	2000	PPB	DRY	1.18
2-METHYLPHENOL	71	PPB	DRY	1.13
2-METHYLPYRENE	1300	PPB E	DRY	3.17
2-METHYL PHENANTHRENE	2400	PPB E	DRY	1.60
BIPHENYL	1100	PPB E	DRY	3.55
THALLIUM	3.2	PPM	DRY	8.00

SELENIUM 24 PPM DRY 24.00

Survey: CBMSQS Station: RS-19

=====

Date: 01/01/84 Sample ID: RS-19

Amphipod toxicity AET.

ARSENIC 1600 PPM DRY 17.20
BARIUM 100 PPM DRY 2.08
CADMIUM 16 PPM DRY 2.39
COPPER 2200 PPM DRY 1.69
DI-N-BUTYL PHTHALATE 1600 PPB Z DRY 1.14
LEAD 1000 PPM DRY 1.52
MERCURY 3.2 PPM DRY 1.52
THALLIUM 0.46 PPM DRY 1.15
SELENIUM 1.4 PPM DRY 1.40

Survey: CBMSQS Station: RS-24

=====

Date: 01/01/84 Sample ID: RS-24

Amphipod toxicity AET.

ARSENIC 700 PPM DRY 7.53
BARIUM 100 PPM DRY 2.08
CADMIUM 9.6 PPM DRY 1.43
ZINC 1600 PPM DRY 1.67
HEXADECENOIC ACID METHYL ESTER 2800 PPB E DRY 1.27

Survey: CBMSQS Station: SI-12

=====

Date: 01/01/84 Sample ID: SI-12

Amphipod toxicity AET.

N-NITROSO DIPHENYLAMINE 130 PPB DRY 2.71
KAUR-16-ENE 2100 PPB E DRY 1.05

Survey: CBMSQS Station: SI-15

=====

Date: 01/01/84 Sample ID: SI-15

Amphipod toxicity AET.

RETENE 2000 PPB E DRY 1.18

Survey: CBMSQS Station: SP-14
=====

Date: 01/01/84 Sample ID: SP-14

Amphipod toxicity AET.

BARIUM	50	PPM	DRY	1.04
NAPHTHALENE	4400	PPB	DRY	1.83
TOTAL NITROGEN (NO3+NO3+NH4)	0.79	PCT	DRY	2.72
PHENOL	1700	PPB Z	DRY	1.42
TOTAL ORGANIC CARBON	16	PCT	DRY	1.06
TOTAL VOLATILE SOLIDS	44.7	PCT	DRY	1.66
4-METHYL PHENOL	96000	PPB	DRY	26.67
CYMENE (UNSPECIFIED ISOMER)	6600	PPB E	DRY	2.36
2-METHOXYPHENOL	3900	PPB E	DRY	4.19
ISOPIMARADIENE	5900	PPB E	DRY	3.93
KAUR-16-ENE	5200	PPB E	DRY	2.60

Survey: CBMSQS Station: SP-15
=====

Date: 01/01/84 Sample ID: SP-15

Amphipod toxicity AET.

2-METHOXYPHENOL	1500	PPB E	DRY	1.61
-----------------	------	-------	-----	------

Survey: CBMSQS Station: SP-16
=====

Date: 01/01/84 Sample ID: SP-16

Amphipod toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4)	1.19	PCT	DRY	4.10
------------------------------	------	-----	-----	------

Survey: DUWRIV1 Station: DR-08
=====

Date: 04/15/85 Sample ID: DR-08

Amphipod toxicity AET.

ACENAPHTHYLENE	2400	PPB	DRY	1.85
----------------	------	-----	-----	------

PERCENT CLAY	84.8	PCT	DRY	1.23
P,P'-DDD	71	PPB	DRY	1.65
POLYCHLORINATED BIPHENYLS	3900	PPB	DRY	1.26

Survey: DUWRIV2 Station: DR-10

Date: 07/01/85 Sample ID: CA1

Amphipod toxicity AET.

P,P'-DDE	41	PPB	DRY	2.73
POLYCHLORINATED BIPHENYLS	5400	PPB	DRY	1.74

Survey: DUWRIV2 Station: DR-26

Date: 07/01/85 Sample ID: CE2

Amphipod toxicity AET.

ARSENIC	98	PPM M	DRY	1.05
LEAD	700	PPM M	DRY	1.06
ZINC	1200	PPM M	DRY	1.25

Survey: DUWRIV2 Station: DR-27

Date: 07/01/85 Sample ID: CE3

Amphipod toxicity AET.

CADMIUM	10	PPM M	DRY	1.49
LEAD	2700	PPM M	DRY	4.09
MERCURY	2.3	PPM	DRY	1.10
ZINC	2600	PPM M	DRY	2.71

Survey: EBCHEM Station: AB-01

Date: 09/26/85 Sample ID: AB-01

Amphipod toxicity AET.

DIBENZO(A,H)ANTHRACENE	940	PPB E	DRY	1.74
BENZO(G,H,I)PERYLENE	2300	PPB E	DRY	1.64
INDENO(1,2,3-CD)PYRENE	2400	PPB E	DRY	1.33
MERCURY	29	PPM E	DRY	13.81

Survey: EBCHEM Station: DR-13
=====

Date: 09/30/85 Sample ID: DR-13

Amphipod toxicity AET.

TRICHLOROETHENE	1.3	PPB E	DRY	1.63
-----------------	-----	-------	-----	------

Survey: EBCHEM Station: DR-15
=====

Date: 09/30/85 Sample ID: DR-15

Amphipod toxicity AET.

TOTAL CHLORINATED BENZENES	100	PPB E	DRY	1.11
----------------------------	-----	-------	-----	------

Survey: EBCHEM Station: DR-25
=====

Date: 10/10/85 Sample ID: DR-25

Amphipod toxicity AET.

DI-N-OCTYL PHTHALATE	1300	PPB	DRY	1.18
2-METHYLPHENOL	280	PPB E	DRY	4.44

Survey: EBCHEM Station: EW-02
=====

Date: 10/04/85 Sample ID: EW-02

Amphipod toxicity AET.

ACENAPHTHENE	4400	PPB E	DRY	2.20
FLUORENE	9200	PPB E	DRY	2.56
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	32000	PPB E	DRY	1.33
PHENANTHRENE	11000	PPB E	DRY	1.59
DIBENZOFURAN	3500	PPB E	DRY	2.06
BIPHENYL	430	PPB E	DRY	1.39

Survey: EBCHEM Station: EW-04
=====

Date: 10/14/85 Sample ID: EW-04

Amphipod toxicity AET.

BENZO(B)FLUORANTHENE	4800	PPB	DRY	1.37
----------------------	------	-----	-----	------

Survey: EBCHEM Station: EW-05
=====Date: 10/14/85 Sample ID: EW-05 Field rep: 1
-----Amphipod toxicity AET.

BUTYL BENZYL PHTHALATE	1600	PPB	DRY	1.78
CADMIUM	9.5	PPM	DRY	1.42
MERCURY	4.6	PPM E	DRY	2.19
TOTAL NITROGEN (NO3+NO3+NH4)	0.64	PCT	DRY	2.21
OIL AND GREASE	12000	PPM	DRY	2.67
P,P'-DDE	79	PPB E	DRY	5.27
SULFIDES	1700	PPM	DRY	3.15

Date: 10/14/85 Sample ID: EW-05 Field rep: 2
-----Amphipod toxicity AET.

CADMIUM	15	PPM	DRY	2.24
MERCURY	3.0	PPM E	DRY	1.43
TOTAL NITROGEN (NO3+NO3+NH4)	0.32	PCT	DRY	1.10
P,P'-DDE	16	PPB LM	DRY	1.07
RETENE	2200	PPB E	DRY	1.29
SULFIDES	560	PPM	DRY	1.04

Survey: EBCHEM Station: EW-06
=====Date: 10/04/85 Sample ID: EW-06
-----Amphipod toxicity AET.

DIBENZO(A,H)ANTHRACENE	710	PPB E	DRY	1.31
BENZO(A)PYRENE	3300	PPB E	DRY	1.10
BENZO(G,H,I)PERYLENE	1500	PPB E	DRY	1.07
INDENO(1,2,3-CD)PYRENE	2000	PPB E	DRY	1.11
BENZO(B)FLUORANTHENE	4000	PPB E	DRY	1.14

Survey: EBCHEM Station: EW-07
=====Date: 10/14/85 Sample ID: EW-07

Amphipod toxicity AET.

BUTYL BENZYL PHTHALATE 1800 PPB DRY 2.00

Survey: EBCHEM Station: EW-08
=====

Date: 10/14/85 Sample ID: EW-08

Amphipod toxicity AET.

BUTYL BENZYL PHTHALATE 1800 PPB DRY 2.00
PERCENT SILT 85.2 PCT DRY 1.02

Survey: EBCHEM Station: EW-09
=====

Date: 10/14/85 Sample ID: EW-09

Amphipod toxicity AET.

BUTYL BENZYL PHTHALATE 1800 PPB DRY 2.00
TRICHLOROETHENE 3.4 PPB E DRY 4.25

Survey: EBCHEM Station: EW-11
=====

Date: 10/14/85 Sample ID: EW-11

Amphipod toxicity AET.

BENZO(B)FLUORANTHENE 4900 PPB DRY 1.40

Survey: EBCHEM Station: EW-16
=====

Date: 10/15/85 Sample ID: EW-16

Amphipod toxicity AET.

PENTACHLOROPHENOL 690 PPB E DRY 1.92

Survey: EBCHEM Station: KG-05
=====

Date: 09/30/85 Sample ID: KG-05

Amphipod toxicity AET.

TRICHLOROETHENE	3.3	PPB E	DRY	4.13
TRANS-1,2-DICHLOROETHENE	8.9	PPB E	DRY	11.13

Survey: EBCHEM Station: KG-10
=====Date: 10/08/85 Sample ID: KG-10
-----Amphipod toxicity AET.

RETENE	10000	PPB E	DRY	5.88
BENZOIC ACID	6300	PPB	DRY	8.29

Survey: EBCHEM Station: NH-03
=====Date: 10/16/85 Sample ID: NH-03
-----Amphipod toxicity AET.

DIBENZO(A,H)ANTHRACENE	2900	PPB E	DRY	5.37
ANTIMONY (SB)	250	PPM	DRY	1.25
ARSENIC	120	PPM	DRY	1.29
BENZO(A)PYRENE	3800	PPB E	DRY	1.27
BENZO(G,H,I)PERYLENE	4900	PPB E	DRY	3.50
COPPER	2100	PPM	DRY	1.62
INDENO(1,2,3-CD)PYRENE	5800	PPB E	DRY	3.22
MERCURY	11	PPM E	DRY	5.24
TOTAL BENZOFLUORANTHENES (B + K)	12000	PPB E	DRY	1.54
ZINC	1300	PPM E	DRY	1.35
P,P'-DDD	120	PPB	DRY	2.79
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	1.06
BENZO(B)FLUORANTHENE	7500	PPB E	DRY	2.14

Survey: EBCHEM Station: NH-04
=====Date: 10/15/85 Sample ID: NH-04
-----Amphipod toxicity AET.

DIBENZO(A,H)ANTHRACENE	720	PPB E	DRY	1.33
PENTACHLOROPHENOL	6000	PPB X	DRY	16.67
ANTIMONY (SB)	500	PPM	DRY	2.50
ARSENIC	170	PPM	DRY	1.83
BENZO(G,H,I)PERYLENE	1500	PPB E	DRY	1.07

COPPER	1800	PPM	DRY	1.38
ZINC	990	PPM E	DRY	1.03
2-METHYLPHENOL	240	PPB E	DRY	3.81

Survey: EBCHEM Station: NH-05

=====

Date: 10/15/85 Sample ID: NH-05

Amphipod toxicity AET.

NAPHTHALENE	2600	PPB	DRY	1.08
PERCENT CLAY	88.6	PCT	DRY	1.29

Survey: EBCHEM Station: NH-06

=====

Date: 10/16/85 Sample ID: NH-06

Amphipod toxicity AET.

1-METHYL PHENANTHRENE	1400	PPB E	DRY	1.08
2-METHYLNAPHTHALENE	2900	PPB E	DRY	1.53
DIBENZO(A,H)ANTHRACENE	3600	PPB E	DRY	6.67
ACENAPHTHENE	5100	PPB E	DRY	2.55
BENZO(A)ANTHRACENE	9400	PPB E	DRY	1.84
BENZO(A)PYRENE	7400	PPB E	DRY	2.47
BENZO(G,H,I)PERYLENE	4300	PPB E	DRY	3.07
CHRYSENE	16000	PPB E	DRY	1.74
FLUORENE	6000	PPB E	DRY	1.67
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	130000	PPB E	DRY	1.88
INDENO(1,2,3-CD)PYRENE	6400	PPB E	DRY	3.56
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	57000	PPB E	DRY	2.37
NAPHTHALENE	15000	PPB E	DRY	6.25
PHENANTHRENE	20000	PPB E	DRY	2.90
PYRENE	28000	PPB E	DRY	1.75
TOTAL BENZOFLUORANTHENES (B + K)	26000	PPB E	DRY	3.33
DIBENZOFURAN	3200	PPB E	DRY	1.88
BIPHENYL	1800	PPB E	DRY	5.81
3-METHYL PHENANTHRENE	1600	PPB E	DRY	1.14
BENZO(B)FLUORANTHENE	23000	PPB E	DRY	6.57

Survey: EBCHEM Station: NH-08

=====

Date: 10/16/85 Sample ID: NH-08

Amphipod toxicity AET.

2-METHYLNAPHTHALENE	2400	PPB E	DRY	1.26
---------------------	------	-------	-----	------

DIBENZO(A,H)ANTHRACENE	2500	PPB E	DRY	4.63
ACENAPHTHENE	5300	PPB E	DRY	2.65
BENZO(A)ANTHRACENE	8300	PPB E	DRY	1.63
BENZO(A)PYRENE	5400	PPB E	DRY	1.80
BENZO(G,H,I)PERYLENE	3100	PPB E	DRY	2.21
CHRYSENE	11000	PPB E	DRY	1.20
FLUORENE	4700	PPB E	DRY	1.31
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	79000	PPB E	DRY	1.14
INDENO(1,2,3-CD)PYRENE	4200	PPB E	DRY	2.33
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	37000	PPB E	DRY	1.54
NAPHTHALENE	6600	PPB E	DRY	2.75
PHENANTHRENE	13000	PPB E	DRY	1.88
PYRENE	19000	PPB E	DRY	1.19
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB E	DRY	2.69
DIBENZOFURAN	2600	PPB E	DRY	1.53
BIPHENYL	1600	PPB E	DRY	5.16
BENZO(B)FLUORANTHENE	15000	PPB E	DRY	4.29
BENZO(K)FLUORANTHENE	5500	PPB E	DRY	1.28

Survey: EBCHEM Station: NS-01

=====

Date: 10/08/85 Sample ID: NS-01

Amphipod toxicity AET.

SILVER	8.3	PPM E	DRY	1.36
--------	-----	-------	-----	------

Survey: EBCHEM Station: NS-07

=====

Date: 10/04/85 Sample ID: NS-07

Amphipod toxicity AET.

DIBENZO(A,H)ANTHRACENE	950	PPB E	DRY	1.76
BENZO(G,H,I)PERYLENE	1700	PPB E	DRY	1.21
INDENO(1,2,3-CD)PYRENE	2300	PPB E	DRY	1.28

Survey: EBCHEM Station: SS-03

=====

Date: 10/04/85 Sample ID: SS-03

Amphipod toxicity AET.

1,4-DICHLOROBENZENE	380	PPB X	DRY	3.17
DIBENZO(A,H)ANTHRACENE	650	PPB E	DRY	1.20
ANTIMONY (SB)	690	PPM	DRY	3.45
ARSENIC	580	PPM	DRY	6.24

CADMIUM	7.2	PPM	DRY	1.07
ZINC	4800	PPM E	DRY	5.00
BENZYL ALCOHOL	1300	PPB E	DRY	1.49
TOTAL CHLORINATED BENZENES	380	PPB E	DRY	4.22

Survey: EBCHEM Station: SS-04

=====

Date: 10/04/85 Sample ID: SS-04

Amphipod toxicity AET.

DIBENZO(A,H)ANTHRACENE	1900	PPB E	DRY	3.52
BENZO(A)PYRENE	3400	PPB E	DRY	1.13
BENZO(G,H,I)PERYLENE	3200	PPB E	DRY	2.29
BUTYL BENZYL PHTHALATE	970	PPB X	DRY	1.08
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	2.44
P,P'-DDD	63	PPB	DRY	1.47
BENZO(B)FLUORANTHENE	4600	PPB E	DRY	1.31

Survey: EBCHEM Station: SS-06

=====

Date: 10/03/85 Sample ID: SS-06

Amphipod toxicity AET.

DIBENZO(A,H)ANTHRACENE	1500	PPB E	DRY	2.78
ACENAPHTHYLENE	2000	PPB	DRY	1.54
BENZO(A)PYRENE	5600	PPB E	DRY	1.87
BENZO(G,H,I)PERYLENE	2700	PPB E	DRY	1.93
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	77000	PPB E	DRY	1.12
INDENO(1,2,3-CD)PYRENE	3900	PPB E	DRY	2.17
TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.17
PERCENT SILT	89.8	PCT	DRY	1.08
PYRENE	17000	PPB	DRY	1.06
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB	DRY	2.69
BENZO(K)FLUORANTHENE	18000	PPB	DRY	4.19
TRICHLOROETHENE	1.0	PPB E	DRY	1.25

Survey: EBCHEM Station: SS-07

=====

Date: 10/03/85 Sample ID: SS-07

Amphipod toxicity AET.

2,4-DIMETHYL PHENOL	210	PPB E	DRY	2.92
DIBENZO(A,H)ANTHRACENE	970	PPB E	DRY	1.80
BENZO(A)PYRENE	3200	PPB E	DRY	1.07

BENZO(G,H,I)PERYLENE	1900	PPB E	DRY	1.36
INDENO(1,2,3-CD)PYRENE	2600	PPB E	DRY	1.44
NAPHTHALENE	2700	PPB X	DRY	1.13
OIL AND GREASE	4600	PPM	DRY	1.05
TOTAL BENZOFLUORANTHENES (B + K)	9900	PPB	DRY	1.27
BENZO(B)FLUORANTHENE	4900	PPB	DRY	1.40
BENZO(K)FLUORANTHENE	5000	PPB	DRY	1.16

Survey: EBCHEM Station: SS-08

=====

Date: 09/27/85 Sample ID: SS-08

Amphipod toxicity AET.

1-METHYL PHENANTHRENE	100000	PPB E	DRY	76.92
2-METHYLNAPHTHALENE	3300	PPB	DRY	1.74
DIBENZO(A,H)ANTHRACENE	12000	PPB E	DRY	22.22
ACENAPHTHENE	33000	PPB	DRY	16.50
ACENAPHTHYLENE	37000	PPB X	DRY	28.46
ANTHRACENE	190000	PPB	DRY	14.62
BENZO(A)ANTHRACENE	300000	PPB	DRY	58.82
BENZO(A)PYRENE	100000	PPB E	DRY	33.33
BENZO(G,H,I)PERYLENE	32000	PPB E	DRY	22.86
CHRYSENE	350000	PPB	DRY	38.04
FLUORANTHENE	1300000	PPB	DRY	43.33
FLUORENE	37000	PPB	DRY	10.28
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	3200000	PPB E	DRY	46.38
INDENO(1,2,3-CD)PYRENE	40000	PPB E	DRY	22.22
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	630000	PPB	DRY	26.25
NAPHTHALENE	5300	PPB X	DRY	2.21
TOTAL NITROGEN (NO3+NO3+NH4)	0.47	PCT	DRY	1.62
OIL AND GREASE	5500	PPM	DRY	1.25
PHENANTHRENE	330000	PPB	DRY	47.83
PYRENE	740000	PPB	DRY	46.25
TOTAL BENZOFLUORANTHENES (B + K)	300000	PPB	DRY	38.46
TOTAL ORGANIC CARBON	26.6	PCT E	DRY	1.76
TOTAL VOLATILE SOLIDS	41.1	PCT	DRY	1.53
DIBENZOFURAN	7100	PPB	DRY	4.18
2-METHYL PHENANTHRENE	110000	PPB E	DRY	73.33
3-METHYL PHENANTHRENE	97000	PPB E	DRY	69.29
BENZO(B)FLUORANTHENE	150000	PPB	DRY	42.86
BENZO(K)FLUORANTHENE	150000	PPB	DRY	34.88

Survey: EBCHEM Station: SS-09

=====

Date: 09/27/85 Sample ID: SS-09

Amphipod toxicity AET.

1,4-DICHLOROBENZENE	31000	PPB X	DRY	258.33
---------------------	-------	-------	-----	--------

DIBENZO(A,H)ANTHRACENE	1300	PPB E	DRY	2.41
ACENAPHTHYLENE	2600	PPB	DRY	2.00
ANTIMONY (SB)	680	PPM	DRY	3.40
BENZO(A)ANTHRACENE	7900	PPB	DRY	1.55
BENZO(A)PYRENE	8200	PPB E	DRY	2.73
BENZO(G,H,I)PERYLENE	3800	PPB E	DRY	2.71
CADMIUM	17	PPM	DRY	2.54
CHROMIUM TOTAL	300	PPM E	DRY	1.11
CHRYSENE	20000	PPB	DRY	2.17
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	100000	PPB E	DRY	1.45
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	2.44
LEAD	71000	PPM	DRY	107.58
MERCURY	3.9	PPM E	DRY	1.86
OIL AND GREASE	5200	PPM	DRY	1.18
TOTAL BENZOFLUORANTHENES (B + K)	32000	PPB	DRY	4.10
ZINC	6000	PPM E	DRY	6.25
P,P'-DDD	140	PPB E	DRY	3.26
P,P'-DDE	36	PPB	DRY	2.40
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	1.06
BENZO(B)FLUORANTHENE	6900	PPB	DRY	1.97
BENZO(K)FLUORANTHENE	25000	PPB	DRY	5.81
TOTAL CHLORINATED BENZENES	31000	PPB	DRY	344.44

Survey: EBCHEM Station: SS-10

=====

Date: 09/27/85 Sample ID: SS-10

Amphipod toxicity AET.

BENZO(A)PYRENE	3500	PPB E	DRY	1.17
CHROMIUM TOTAL	1100	PPM E	DRY	4.07
NICKEL	370	PPM	DRY	2.64 *
TOTAL BENZOFLUORANTHENES (B + K)	9100	PPB	DRY	1.17
BENZO(B)FLUORANTHENE	5000	PPB	DRY	1.43

Survey: EBCHEM Station: WW-02

=====

Date: 10/09/85 Sample ID: WW-02

Amphipod toxicity AET.

BENZYL ALCOHOL	8800	PPB E	DRY	10.11
----------------	------	-------	-----	-------

Survey: EBCHEM Station: WW-09

=====

Date: 10/02/85 Sample ID: WW-09

Amphipod toxicity AET.

BENZO(A)PYRENE	3700	PPB E	DRY	1.23
LEAD	710	PPM M	DRY	1.08
P,P'-DDD	80	PPB E	DRY	1.86

Survey: EBCHEM Station: WW-11

=====

Date: 10/02/85 Sample ID: WW-11

Amphipod toxicity AET.

LEAD	720	PPM	DRY	1.09
------	-----	-----	-----	------

Survey: EBCHEM Station: WW-12

=====

Date: 10/02/85 Sample ID: WW-12

Amphipod toxicity AET.

ANTIMONY (SB)	1200	PPM	DRY	6.00
ARSENIC	240	PPM	DRY	2.58
CHROMIUM TOTAL	560	PPM E	DRY	2.07
LEAD	1200	PPM	DRY	1.82
ZINC	1200	PPM E	DRY	1.25

Survey: EBCHEM Station: WW-14

=====

Date: 10/02/85 Sample ID: WW-14

Amphipod toxicity AET.

ANTIMONY (SB)	1400	PPM	DRY	7.00
BENZO(A)PYRENE	3500	PPB E	DRY	1.17
LEAD	8700	PPM	DRY	13.18
TOTAL BENZOFLUORANTHENES (B + K)	7900	PPB	DRY	1.01
BENZO(B)FLUORANTHENE	3600	PPB	DRY	1.03

Survey: EHCHEM Station: EH-08

=====

Date: 06/01/85 Sample ID: B1

Amphipod toxicity AET.

ACENAPHTHENE	9500	PPB	DRY	4.75
BENZO(A)ANTHRACENE	8200	PPB	DRY	1.61
DIETHYL PHTHALATE	2300	PPB	DRY	1.92 *
DIMETHYL PHTHALATE	5900	PPB	DRY	4.21 *
FLUORANTHENE	40000	PPB	DRY	1.33
FLUORENE	7500	PPB	DRY	2.08
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	90000	PPB	DRY	1.30
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	55000	PPB	DRY	2.29
NAPHTHALENE	3000	PPB	DRY	1.25
PHENANTHRENE	23000	PPB	DRY	3.33
PYRENE	30000	PPB	DRY	1.88

Date: 06/01/85 Sample ID: V1

Amphipod toxicity AET.

2,4-DIMETHYL PHENOL	74	PPB	DRY	1.03
DIBENZO(A,H)ANTHRACENE	730	PPB	DRY	1.35
ACENAPHTHENE	23000	PPB	DRY	11.50
ANTHRACENE	76000	PPB	DRY	5.85
BENZO(A)ANTHRACENE	12000	PPB	DRY	2.35
BENZO(A)PYRENE	4700	PPB	DRY	1.57
CHRYSENE	16000	PPB	DRY	1.74
FLUORANTHENE	60000	PPB	DRY	2.00
FLUORENE	32000	PPB	DRY	8.89
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	140000	PPB	DRY	2.03
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	200000	PPB	DRY	8.33
NAPHTHALENE	11000	PPB	DRY	4.58
PHENANTHRENE	58000	PPB	DRY	8.41
PYRENE	50000	PPB	DRY	3.13
BENZO(B)FLUORANTHENE	4500	PPB	DRY	1.29
BENZO(K)FLUORANTHENE	5000	PPB	DRY	1.16
CARBAZOLE	15000	PPB E	DRY	4.17

Survey: EIGHTBAY Station: EV-01

=====

Date: 01/01/82 Sample ID: EV-01

Amphipod toxicity AET.

THALLIUM	0.5	PPM	DRY	1.25
----------	-----	-----	-----	------

Survey: EIGHTBAY Station: EV-04

=====

Date: 01/01/82 Sample ID: EV-04

Amphipod toxicity AET.

ACENAPHTHENE	3300	PPB	DRY	1.65
--------------	------	-----	-----	------

NAPHTHALENE	5900	PPB	DRY	2.46
PHENOL	1400	PPB	DRY	1.17
TOTAL ORGANIC CARBON	15.4	PCT	DRY	1.02
TOTAL VOLATILE SOLIDS	35.1	PCT	DRY	1.30
ZINC	1100	PPM	DRY	1.15

Survey: EIGHTBAY Station: EV-05
=====

Date: 01/01/82 Sample ID: EV-05

Amphipod toxicity AET.

THALLIUM	0.5	PPM	DRY	1.25
----------	-----	-----	-----	------

Survey: EIGHTBAY Station: SC-20
=====

Date: 01/01/82 Sample ID: SC-20

Amphipod toxicity AET.

PHENANTHRENE	8900	PPB	DRY	1.29
--------------	------	-----	-----	------

Survey: EVCHEM Station: EW-01
=====

Date: 10/07/86 Sample ID: EW-01G Field rep: EW01

Amphipod toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4)	0.59	PCT	DRY	2.03
N-NITROSO DIPHENYLAMINE	57	PPB	DRY	1.19
PHENOL	1600	PPB Z	DRY	1.33
4-METHYL PHENOL	6000	PPB	DRY	1.67
2,4,5-TRICHLOROPHENOL	88	PPB	DRY	3.03
2,4,6-TRICHLOROPHENOL	290	PPB	DRY	11.60
HEXADECANOIC ACID, METHYL ESTER	1200	PPB	DRY	1.09
BASE PEAK M/Z 181, ISOMER 1	790	PPB E	DRY	2.08
DITERPENOID HYDROCARBON, BASE PK M/Z 255	600	PPB E	DRY	3.00
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	1300	PPB E	DRY	10.00
BASE PEAK M/Z 181, ISOMER 2	790	PPB E	DRY	3.95
TRITHIOLANE	1400	PPB E	DRY	17.07
12-CHLORODEHYDROABIETIC ACID	2300	PPB	DRY	37.70
2-CHLOROPHENOL	31	PPB	DRY	3.88
2,4-DICHLOROPHENOL	320	PPB	DRY	64.00
ABIETIC ACID	3100	PPB E	DRY	6.89
DEHYDROABIETIC ACID	10000	PPB	DRY	15.63
STEROL, MW 400	81	PPB E	DRY	1.11

Survey: EVCHEM Station: EW-04

=====

Date: 09/30/86 Sample ID: EW-04G Field rep: EW04

Amphipod toxicity AET.

2-METHYLNAPHTHALENE	5000	PPB	DRY	2.63
2,4-DIMETHYL PHENOL	520	PPB	DRY	7.22
PENTACHLOROPHENOL	460	PPB E	DRY	1.28
ACENAPHTHENE	3300	PPB	DRY	1.65
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	25000	PPB	DRY	1.04
NAPHTHALENE	10000	PPB	DRY	4.17
TOTAL NITROGEN (NO3+NO3+NH4)	0.5	PCT	DRY	1.72
PHENANTHRENE	8100	PPB	DRY	1.17
PHENOL	2100	PPB	DRY	1.75
TOTAL ORGANIC CARBON	29.4	PCT	DRY	1.95
4-METHYL PHENOL	35000	PPB	DRY	9.72
DIBENZOFURAN	2200	PPB	DRY	1.29
HEXADECENOIC ACID METHYL ESTER	3200	PPB E	DRY	1.45
2-METHYLPHENOL	1200	PPB	DRY	19.05
POLYCHLORINATED BIPHENYLS	9600	PPB E	DRY	3.10
RETENE	3100	PPB E	DRY	1.82
SULFIDES	2100	PPM	DRY	3.89
2,4,5-TRICHLOROPHENOL	71	PPB	DRY	2.45
2,4,6-TRICHLOROPHENOL	79	PPB	DRY	3.16
HEXADECANOIC ACID, METHYL ESTER	4300	PPB	DRY	3.91
UNIDENTIFIED ALKANOL	2200	PPB E	DRY	3.79
BASE PEAK M/Z 181, ISOMER 1	12000	PPB E	DRY	31.58
CHOLESTEROL (CHOLEST-5-EN-3[BETA]-OL)	630	PPB E	DRY	2.42
CYMENE (UNSPECIFIED ISOMER)	2900	PPB E	DRY	1.04
DITERPENOID HYDROCARBON, BASE PK M/Z 255	23000	PPB E	DRY	115.00
BASE PEAK M/Z 181, ISOMER 2	6500	PPB E	DRY	32.50
TRITHIOLANE	5800	PPB E	DRY	70.73
12-CHLORODEHYDROABIETIC ACID	11000	PPB	DRY	180.33
2-CHLOROPHENOL	160	PPB	DRY	20.00
2,4-DICHLOROPHENOL	91	PPB	DRY	18.20
ABIETIC ACID	52000	PPB	DRY	115.56
DEHYDROABIETIC ACID	83000	PPB	DRY	129.69
STEROL, MW 400	1100	PPB E	DRY	15.07
ISOPIMARIC ACID	5600	PPB E	DRY	32.94

Survey: EVCHEM Station: EW-07

=====

Date: 09/30/86 Sample ID: EW-07G Field rep: EW07

Amphipod toxicity AET.

2-METHYLNAPHTHALENE	9000	PPB XM	DRY	4.74
2,4-DIMETHYL PHENOL	130	PPB M	DRY	1.81
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	28000	PPB	DRY	1.17

AMPTREVB.TXT

NAPHTHALENE	21000	PPB XM	DRY	8.75
4-METHYL PHENOL	140000	PPB XM	DRY	38.89
2-METHYLPHENOL	390	PPB LM	DRY	6.19
HEXADECANOIC ACID	1400	PPB EM	DRY	4.00
BASE PEAK M/Z 181, ISOMER 1	2600	PPB EM	DRY	6.84
DI TERPENOID HYDROCARBON, BASE PK M/Z 255	490	PPB EM	DRY	2.45
DI TERPENOID ALCOHOL, BASE PEAK M/Z 271	900	PPB EM	DRY	6.92
BASE PEAK M/Z 181, ISOMER 2	1800	PPB EM	DRY	9.00
TRITHIOLANE	790	PPB EM	DRY	9.63
12-CHLORODEHYDROABIETIC ACID	3800	PPB	DRY	62.30
2,4-DICHLOROPHENOL	32	PPB	DRY	6.40
ABIETIC ACID	3300	PPB	DRY	7.33
DEHYDROABIETIC ACID	6500	PPB	DRY	10.16
STEROL, MW 400	93	PPB EM	DRY	1.27
ISOPIMARIC ACID	900	PPB	DRY	5.29

Survey: EVCHEM Station: EW-10

=====

Date: 10/01/86 Sample ID: EW-10G Field rep: EW10

Amphipod toxicity AET.

TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.21
PHENOL	2900	PPB	DRY	2.42
4-METHYL PHENOL	26000	PPB X	DRY	7.22
SULFIDES	1100	PPM	DRY	2.04
HEXADECANOIC ACID	2300	PPB E	DRY	6.57
HEXADECANOIC ACID, METHYL ESTER	2200	PPB	DRY	2.00
UNIDENTIFIED ALKANOL	1200	PPB E	DRY	2.07
BASE PEAK M/Z 181, ISOMER 1	1100	PPB E	DRY	2.89
DI TERPENOID HYDROCARBON, BASE PK M/Z 255	490	PPB E	DRY	2.45
DI TERPENOID ALCOHOL, BASE PEAK M/Z 271	1100	PPB E	DRY	8.46
BASE PEAK M/Z 181, ISOMER 2	860	PPB E	DRY	4.30
TRITHIOLANE	1600	PPB E	DRY	19.51

Survey: EVCHEM Station: EW-14

=====

Date: 10/01/86 Sample ID: EW-14G Field rep: EW14

Amphipod toxicity AET.

2-METHYLNAPHTHALENE	6400	PPB	DRY	3.37
ACENAPHTHENE	5200	PPB	DRY	2.60
ARSENIC	690	PPM	DRY	7.42
CADMIUM	7.9	PPM	DRY	1.18
FLUORENE	4300	PPB	DRY	1.19
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	28000	PPB	DRY	1.17
NAPHTHALENE	7000	PPB	DRY	2.92
PHENOL	1300	PPB	DRY	1.08
ZINC	5900	PPM	DRY	6.15

AMPTREVB.TXT

4-METHYL PHENOL	15000	PPB	DRY	4.17
DIBENZOFURAN	5000	PPB	DRY	2.94
BENZOIC ACID	5900	PPB	DRY	7.76
DITERPENOID HYDROCARBON, BASE PK M/Z 255	1700	PPB E	DRY	8.50
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	1200	PPB E	DRY	9.23
BASE PEAK M/Z 181, ISOMER 2	270	PPB E	DRY	1.35
TRITHIOLANE	180	PPB E	DRY	2.20
12-CHLORODEHYDROABIETIC ACID	320	PPB L	DRY	5.25
2,4-DICHLOROPHENOL	24	PPB	DRY	4.80
ABIETIC ACID	1600	PPB L	DRY	3.56
DEHYDROABIETIC ACID	3800	PPB	DRY	5.94
ISOPIMARIC ACID	2300	PPB	DRY	13.53

Survey: EVCHEM Station: OG-03

Date: 10/09/86 Sample ID: OG-03G Field rep: OG03

Amphipod toxicity AET.

BASE PEAK M/Z 181, ISOMER 1	390	PPB E	DRY	1.03
BASE PEAK M/Z 181, ISOMER 2	210	PPB E	DRY	1.05
12-CHLORODEHYDROABIETIC ACID	160	PPB E	DRY	2.62
2,4-DICHLOROPHENOL	12	PPB	DRY	2.40
ABIETIC ACID	1700	PPB	DRY	3.78
DEHYDROABIETIC ACID	1500	PPB	DRY	2.34
STEROL, MW 400	99	PPB E	DRY	1.36
ISOPIMARIC ACID	350	PPB E	DRY	2.06

Survey: EVCHEM Station: SD-02

Date: 10/07/86 Sample ID: SD-02G Field rep: SD02

Amphipod toxicity AET.

2-CHLOROPHENOL	36	PPB	DRY	4.50
2,4-DICHLOROPHENOL	9.0	PPB	DRY	1.80

Survey: EVCHEM Station: SR-07

Date: 10/03/86 Sample ID: SR-07G Field rep: SR07

Amphipod toxicity AET.

PERCENT FINES (CLAY & SILT)	95.5	PCT	DRY	1.01 *
BASE PEAK M/Z 181, ISOMER 2	210	PPB E	DRY	1.05
TRITHIOLANE	86	PPB E	DRY	1.05

Survey: EBCHEM Station: DR-10
=====

Date: 09/30/85 Sample ID: DR-10

Amphipod toxicity AET.

OIL AND GREASE	7600	PPM	DRY	1.73
P,P'-DDE	62	PPB	DRY	4.13

Survey: EBCHEM Station: DR-12
=====

Date: 09/30/85 Sample ID: DR-12

Amphipod toxicity AET.

ARSENIC	450	PPM	DRY	4.84
ZINC	970	PPM E	DRY	1.01

TABLE F-9. SUMMARY OF COMPARISONS TO 1988 BENTHIC INFAUNA AET
FOR 11 PUGET SOUND SURVEYS

rev 09/20/88

The sediment quality criteria used for the test are:

Benthic infauna abundance AET.

The values used are based on:

Dry-weight values, no transformation.

Data columns in the output identify, in order from left to right:

Chemical name

Concentration

Measurement units

Qualifier code of the chemical measurement

Measurement basis

Factor by which the concentration exceeds the AET

If an asterisk appears, the AET value was qualified with a "G."

Survey: CBMSQS Station: CI-11

=====

Date: 01/01/84 Sample ID: CI-11

Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	290	PPB	DRY	2.64
LEAD	730	PPM	DRY	1.62
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
OIL AND GREASE	5700	PPM	DRY	1.24

Survey: CBMSQS Station: CI-13

=====

Date: 01/01/84 Sample ID: CI-13

Benthic infauna abundance AET.

CADMIUM	6.7	PPM	DRY	1.31
BIS(2-ETHYLHEXYL)PHTHALATE	3100	PPB	DRY	2.38
TOTAL NITROGEN (NO3+NO3+NH4)	0.29	PCT	DRY	1.04
BENZOIC ACID	690	PPB	DRY	1.06

Survey: CBMSQS Station: CI-16

=====

Date: 01/01/84 Sample ID: CI-16

Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	260	PPB	DRY	2.36
CADMIUM	5.7	PPM	DRY	1.12
1,2-DICHLOROBENZENE	350	PPB	DRY	7.00
TOTAL NITROGEN (NO3+NO3+NH4)	0.49	PCT	DRY	1.75
N-NITROSO DIPHENYLAMINE	220	PPB	DRY	7.86

Survey: CBMSQS Station: CI-17
=====Date: 01/01/84 Sample ID: CI-17
-----Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	120	PPB	DRY	1.09
CADMIUM	5.8	PPM	DRY	1.14

Survey: CBMSQS Station: HY-14
=====Date: 01/01/84 Sample ID: HY-14
-----Benthic infauna abundance AET.

CYMENE (UNSPECIFIED ISOMER)	970	PPB E	DRY	1.62
PENTACHLOROBUTADIENE	120	PPB	DRY	1.26
HEXACHLOROBUTADIENE	15	PPB E	DRY	1.36

Survey: CBMSQS Station: HY-17
=====Date: 01/01/84 Sample ID: HY-17
-----Benthic infauna abundance AET.

ARSENIC	86	PPM	DRY	1.51
TETRACHLOROETHYLENE	210	PPB	DRY	3.68
ETHYLBENZENE	50	PPB	DRY	5.00
1-METHYLPYRENE	1500	PPB E	DRY	17.65
CYMENE (UNSPECIFIED ISOMER)	2800	PPB E	DRY	4.67
PENTACHLOROBUTADIENE	120	PPB	DRY	1.26
TETRACHLOROBUTADIENE	530	PPB	DRY	1.39
HEXACHLOROBUTADIENE	31	PPB	DRY	2.82
TOTAL XYLENE	160	PPB	DRY	4.00

Survey: CBMSQS Station: HY-22

=====

Date: 01/01/84 Sample ID: HY-22

Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	180	PPB	DRY	1.64
ARSENIC	90	PPM	DRY	1.58
BENZO(A)PYRENE	6100	PPB	DRY	1.69
POLYCHLORINATED BIPHENYLS	2000	PPB	DRY	2.00
TETRACHLOROETHYLENE	67	PPB	DRY	1.18
ETHYLBENZENE	17	PPB	DRY	1.70
DIBENZO(A,H)ANTHRACENE	1500	PPB	DRY	1.55
INDENO(1,2,3-CD)PYRENE	2700	PPB	DRY	1.04
1,2-DICHLOROBENZENE	73	PPB	DRY	1.46
BIS(2-ETHYLHEXYL)PHTHALATE	3000	PPB	DRY	2.31
1-METHYLPYRENE	1200	PPB E	DRY	14.12
CYME (UNSPECIFIED ISOMER)	1000	PPB E	DRY	1.67
PENTACHLOROCYCLOPENTANE	17	PPB E	DRY	1.55
PENTACHLOROBUTADIENE	1200	PPB	DRY	12.63
TETRACHLOROBUTADIENE	2300	PPB	DRY	6.05
TRICHLOROBUTADIENE	3500	PPB	DRY	4.27
HEXACHLOROBENZENE	730	PPB	DRY	33.18
HEXACHLOROBUTADIENE	730	PPB	DRY	66.36
TOTAL XYLENE	70	PPB	DRY	1.75

Survey: CBMSQS Station: HY-23

=====

Date: 01/01/84 Sample ID: HY-23

Benthic infauna abundance AET.

ARSENIC	66	PPM	DRY	1.16
POLYCHLORINATED BIPHENYLS	1500	PPB	DRY	1.50
TETRACHLOROETHYLENE	170	PPB	DRY	2.98
ETHYLBENZENE	31	PPB	DRY	3.10
PENTACHLOROBUTADIENE	360	PPB	DRY	3.79
TETRACHLOROBUTADIENE	1300	PPB	DRY	3.42
TRICHLOROBUTADIENE	990	PPB	DRY	1.21
HEXACHLOROBUTADIENE	170	PPB	DRY	15.45
TOTAL XYLENE	110	PPB	DRY	2.75

Survey: CBMSQS Station: HY-24

=====

Date: 01/01/84 Sample ID: HY-24

Benthic infauna abundance AET.

ARSENIC	85	PPM	DRY	1.49
---------	----	-----	-----	------

PENTACHLOROCYCLOPENTANE	13	PPB E	DRY	1.18
PENTACHLOROBUTADIENE	290	PPB	DRY	3.05
TETRACHLOROBUTADIENE	1500	PPB	DRY	3.95
TRICHLOROBUTADIENE	3100	PPB	DRY	3.78
HEXACHLOROBENZENE	67	PPB	DRY	3.05
HEXACHLOROBUTADIENE	140	PPB	DRY	12.73

Survey: CBMSQS Station: HY-28

=====

Date: 01/01/84 Sample ID: HY-28

Benthic infauna abundance AET.

TETRACHLOROETHYLENE	140	PPB	DRY	2.46
ETHYLBENZENE	33	PPB	DRY	3.30
1-METHYLPYRENE	99	PPB E	DRY	1.16
CYMENE (UNSPECIFIED ISOMER)	1100	PPB E	DRY	1.83
PENTACHLOROCYCLOPENTANE	15	PPB E	DRY	1.36
PENTACHLOROBUTADIENE	770	PPB	DRY	8.11
TETRACHLOROBUTADIENE	3100	PPB	DRY	8.16
TRICHLOROBUTADIENE	5800	PPB	DRY	7.07
HEXACHLOROBENZENE	70	PPB	DRY	3.18
HEXACHLOROBUTADIENE	120	PPB	DRY	10.91
TOTAL XYLENE	100	PPB	DRY	2.50

Survey: CBMSQS Station: HY-32

=====

Date: 01/01/84 Sample ID: HY-32

Benthic infauna abundance AET.

PENTACHLOROCYCLOPENTANE	25	PPB E	DRY	2.27
PENTACHLOROBUTADIENE	360	PPB	DRY	3.79
TETRACHLOROBUTADIENE	2000	PPB	DRY	5.26
TRICHLOROBUTADIENE	2400	PPB	DRY	2.93
HEXACHLOROBENZENE	54	PPB	DRY	2.45
HEXACHLOROBUTADIENE	98	PPB	DRY	8.91

Survey: CBMSQS Station: HY-37

=====

Date: 01/01/84 Sample ID: HY-37

Benthic infauna abundance AET.

PENTACHLOROCYCLOPENTANE	54	PPB E	DRY	4.91
PENTACHLOROBUTADIENE	1100	PPB	DRY	11.58
TETRACHLOROBUTADIENE	4000	PPB	DRY	10.53

TRICHLOROBUTADIENE	5500	PPB	DRY	6.71
HEXACHLOROBENZENE	96	PPB	DRY	4.36
HEXACHLOROBUTADIENE	130	PPB	DRY	11.82

Survey: CBMSQS Station: HY-42

=====

Date: 01/01/84 Sample ID: HY-42

Benthic infauna abundance AET.

POLYCHLORINATED BIPHENYLS	1100	PPB	DRY	1.10
TETRACHLOROETHYLENE	78	PPB	DRY	1.37
ETHYLBENZENE	18	PPB	DRY	1.80
PENTACHLOROCYCLOPENTANE	68	PPB E	DRY	6.18
PENTACHLOROBUTADIENE	3300	PPB	DRY	34.74
TETRACHLOROBUTADIENE	3500	PPB	DRY	9.21
TRICHLOROBUTADIENE	6200	PPB	DRY	7.56
HEXACHLOROBENZENE	230	PPB	DRY	10.45
HEXACHLOROBUTADIENE	270	PPB	DRY	24.55
TOTAL XYLENE	53	PPB	DRY	1.33

Survey: CBMSQS Station: HY-43

=====

Date: 01/01/84 Sample ID: HY-43

Benthic infauna abundance AET.

TETRACHLOROETHYLENE	140	PPB	DRY	2.46
ETHYLBENZENE	37	PPB	DRY	3.70
PENTACHLOROCYCLOPENTANE	72	PPB E	DRY	6.55
PENTACHLOROBUTADIENE	2800	PPB	DRY	29.47
TETRACHLOROBUTADIENE	14000	PPB	DRY	36.84
TRICHLOROBUTADIENE	30000	PPB	DRY	36.59
HEXACHLOROBENZENE	130	PPB	DRY	5.91
HEXACHLOROBUTADIENE	180	PPB	DRY	16.36
TOTAL XYLENE	120	PPB	DRY	3.00

Survey: CBMSQS Station: HY-47

=====

Date: 01/01/84 Sample ID: HY-47

Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	120	PPB	DRY	1.09
TOTAL NITROGEN (NO3+NO3+NH4)	0.89	PCT	DRY	3.18
PENTACHLOROCYCLOPENTANE	58	PPB E	DRY	5.27
PENTACHLOROBUTADIENE	3200	PPB	DRY	33.68

TETRACHLOROBUTADIENE	13000	PPB	DRY	34.21
TRICHLOROBUTADIENE	30000	PPB	DRY	36.59
HEXACHLOROBENZENE	100	PPB	DRY	4.55
HEXACHLOROBUTADIENE	290	PPB	DRY	26.36

Survey: CBMSQS Station: MD-12

=====

Date: 01/01/84 Sample ID: MD-12

Benthic infauna abundance AET.

BIS(2-ETHYLHEXYL)PHthalate	1900	PPB	DRY	1.46
1-METHYLPYRENE	280	PPB E	DRY	3.29
2-METHOXYPHENOL	930	PPB E	DRY	1.60
PENTACHLOROBUTADIENE	250	PPB	DRY	2.63
TETRACHLOROBUTADIENE	440	PPB	DRY	1.16
2,4,5-TRICHLOROPHENOL	29	PPB	DRY	9.67
2,4,6-TRICHLOROPHENOL	25	PPB	DRY	4.17

Survey: CBMSQS Station: RS-18

=====

Date: 01/01/84 Sample ID: RS-18

Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	250	PPB	DRY	2.27
ARSENIC	9700	PPM	DRY	170.18
BENZO(A)PYRENE	4000	PPB	DRY	1.11
COPPER	11000	PPM	DRY	20.75
FLUORENE	3100	PPB	DRY	3.10
LEAD	6300	PPM	DRY	14.00
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	20000	PPB	DRY	1.54
MERCURY	52	PPM	DRY	24.76
PHENANTHRENE	11000	PPB	DRY	2.04
ZINC	3300	PPM	DRY	8.05
ACENAPHTHENE	2500	PPB	DRY	3.42
CADMIUM	180	PPM	DRY	35.29
ANTIMONY (SB)	420	PPM	DRY	2.80
BARIUM	71	PPM	DRY	1.42
DIBENZOTHIOPHENE	1100	PPB E	DRY	1.93
N-NITROSO DIPHENYLAMINE	610	PPB	DRY	21.79
DIBENZOFURAN	2000	PPB	DRY	2.86
1-METHYLPYRENE	860	PPB E	DRY	10.12
2-METHYLPYRENE	1300	PPB E	DRY	2.55
2-METHYL PHENANTHRENE	2400	PPB E	DRY	1.60
BIPHENYL	1100	PPB E	DRY	3.67
THALLIUM	3.2	PPM	DRY	13.33

Survey: CBMSQS Station: RS-19

=====

Date: 01/01/84 Sample ID: RS-19

Benthic infauna abundance AET.

ARSENIC	1600	PPM	DRY	28.07
COPPER	2200	PPM	DRY	4.15
LEAD	1000	PPM	DRY	2.22
MERCURY	3.2	PPM	DRY	1.52
ZINC	910	PPM	DRY	2.22
CADMIUM	16	PPM	DRY	3.14
BARIUM	100	PPM	DRY	2.00
1-METHYLPYRENE	88	PPB E	DRY	1.04
THALLIUM	0.46	PPM	DRY	1.92

Survey: CBMSQS Station: RS-20

=====

Date: 01/01/84 Sample ID: RS-20

Benthic infauna abundance AET.

ARSENIC	90	PPM	DRY	1.58
---------	----	-----	-----	------

Survey: CBMSQS Station: RS-22

=====

Date: 01/01/84 Sample ID: RS-22

Benthic infauna abundance AET.

ARSENIC	85	PPM	DRY	1.49
---------	----	-----	-----	------

Survey: CBMSQS Station: RS-24

=====

Date: 01/01/84 Sample ID: RS-24

Benthic infauna abundance AET.

ARSENIC	700	PPM	DRY	12.28
LEAD	530	PPM	DRY	1.18
ZINC	1600	PPM	DRY	3.90
CADMIUM	9.6	PPM	DRY	1.88
BARIUM	100	PPM	DRY	2.00
N-NITROSO DIPHENYLAMINE	40	PPB	DRY	1.43
HEXADECENOIC ACID METHYL ESTER	2800	PPB E	DRY	1.27

Survey: CBMSQS Station: SI-11

=====

Date: 01/01/84 Sample ID: SI-11

Benthic infauna abundance AET.

ARSENIC	93	PPM	DRY	1.63
CYMENE (UNSPECIFIED ISOMER)	2300	PPB E	DRY	3.83
LEAD	660	PPM	DRY	1.47
ZINC	490	PPM	DRY	1.20

Survey: CBMSQS Station: SI-12

=====

Date: 01/01/84 Sample ID: SI-12

Benthic infauna abundance AET.

LEAD	500	PPM	DRY	1.11
N-NITROSO DIPHENYLAMINE	130	PPB	DRY	4.64
1-METHYLPYRENE	96	PPB E	DRY	1.13
KAUR-16-ENE	2100	PPB E	DRY	1.05

Survey: CBMSQS Station: SP-11

=====

Date: 01/01/84 Sample ID: SP-11

Benthic infauna abundance AET.

COPROSTANOL	2800	PPB E	DRY	17.50
-------------	------	-------	-----	-------

Survey: CBMSQS Station: SP-14

=====

Date: 01/01/84 Sample ID: SP-14

Benthic infauna abundance AET.

NAPHTHALENE	4400	PPB	DRY	1.63
PHENOL	1700	PPB Z	DRY	1.42
TOTAL VOLATILE SOLIDS	44.7	PCT	DRY	2.01
TOTAL NITROGEN (NO3+NO3+NH4)	0.79	PCT	DRY	2.82
TOTAL ORGANIC CARBON	16	PCT	DRY	1.06
4-METHYL PHENOL	96000	PPB	DRY	53.33
CYMENE (UNSPECIFIED ISOMER)	6600	PPB E	DRY	11.00
2-METHOXYPHENOL	3900	PPB E	DRY	6.72

BIPHENYL	310	PPB E	DRY	1.03
ISOPIMARADIENE	5900	PPB E	DRY	3.93
KAUR-16-ENE	5200	PPB E	DRY	2.60

Survey: CBMSQS Station: SP-15

=====

Date: 01/01/84 Sample ID: SP-15

Benthic infauna abundance AET.

4-METHYL PHENOL	2600	PPB	DRY	1.44
CYMENE (UNSPECIFIED ISOMER)	1400	PPB E	DRY	2.33
2-METHOXYPHENOL	1500	PPB E	DRY	2.59
COPROSTANOL	380	PPB E	DRY	2.38

Survey: CBMSQS Station: SP-16

=====

Date: 01/01/84 Sample ID: SP-16

Benthic infauna abundance AET.

TOTAL NITROGEN (NO3+NO3+NH4)	1.19	PCT	DRY	4.25
COPROSTANOL	470	PPB E	DRY	2.94

Survey: EBCHEM Station: AB-01

=====

Date: 09/26/85 Sample ID: AB-01

Benthic infauna abundance AET.

MERCURY	29	PPM E	DRY	13.81
ACENAPHTHENE	1200	PPB E	DRY	1.64

Survey: EBCHEM Station: DR-02

=====

Date: 09/30/85 Sample ID: DR-02

Benthic infauna abundance AET.

PERCENT FINES (CLAY & SILT)	91.3	PCT	DRY	1.03
-----------------------------	------	-----	-----	------

Survey: EBCHEM Station: DR-10

=====

Date: 09/30/85 Sample ID: DR-10

Benthic infauna abundance AET.

POLYCHLORINATED BIPHENYLS	2100	PPB E	DRY	2.10
P,P'-DDE	62	PPB	DRY	6.89
OIL AND GREASE	7600	PPM	DRY	1.65
P,P'-DDT	65	PPB	DRY	1.91
P,P'-DDD	34	PPB	DRY	2.13
PERCENT FINES (CLAY & SILT)	93.7	PCT	DRY	1.06

Survey: EBCHEM Station: DR-12

=====

Date: 09/30/85 Sample ID: DR-12

Benthic infauna abundance AET.

ARSENIC	450	PPM	DRY	7.89
ZINC	970	PPM E	DRY	2.37

Survey: EBCHEM Station: DR-16

=====

Date: 09/30/85 Sample ID: DR-16

Benthic infauna abundance AET.

ZINC	430	PPM E	DRY	1.05
------	-----	-------	-----	------

Survey: EBCHEM Station: DR-25

=====

Date: 10/10/85 Sample ID: DR-25

Benthic infauna abundance AET.

2-METHYLPHENOL	280	PPB E	DRY	3.89
----------------	-----	-------	-----	------

Survey: EBCHEM Station: EW-02

=====

Date: 10/04/85 Sample ID: EW-02

Benthic infauna abundance AET.

ANTHRACENE	6800	PPB E	DRY	1.55
FLUORENE	9200	PPB E	DRY	9.20
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	32000	PPB E	DRY	2.46
PHENANTHRENE	11000	PPB E	DRY	2.04
ACENAPHTHENE	4400	PPB E	DRY	6.03
DIBENZOFURAN	3500	PPB E	DRY	5.00
BIPHENYL	430	PPB E	DRY	1.43

Survey: EBCHEM Station: EW-05

=====

Date: 10/14/85 Sample ID: EW-05 Field rep: 1

Benthic infauna abundance AET.

LEAD	500	PPM	DRY	1.11
MERCURY	4.6	PPM E	DRY	2.19
POLYCHLORINATED BIPHENYLS	2200	PPB E	DRY	2.20
ZINC	600	PPM E	DRY	1.46
P,P'-DDE	79	PPB E	DRY	8.78
CADMIUM	9.5	PPM	DRY	1.86
BUTYL BENZYL PHTHALATE	1600	PPB	DRY	1.78
TOTAL NITROGEN (NO3+NO3+NH4)	0.64	PCT	DRY	2.29
OIL AND GREASE	12000	PPM	DRY	2.61
SULFIDES	1700	PPM	DRY	2.70

Date: 10/14/85 Sample ID: EW-05 Field rep: 2

Benthic infauna abundance AET.

MERCURY	3.0	PPM E	DRY	1.43
POLYCHLORINATED BIPHENYLS	2900	PPB E	DRY	2.90
ZINC	540	PPM E	DRY	1.32
P,P'-DDE	16	PPB LM	DRY	1.78
CADMIUM	15	PPM	DRY	2.94
TOTAL NITROGEN (NO3+NO3+NH4)	0.32	PCT	DRY	1.14
P,P'-DDT	130	PPB LM	DRY	3.82
RETENE	2200	PPB E	DRY	1.10

Survey: EBCHEM Station: EW-06

=====

Date: 10/04/85 Sample ID: EW-06

Benthic infauna abundance AET.

POLYCHLORINATED BIPHENYLS	1500	PPB E	DRY	1.50
ZINC	720	PPM E	DRY	1.76
CADMIUM	6.3	PPM	DRY	1.24

Survey: EBCHEM Station: EW-07
=====

Date: 10/14/85 Sample ID: EW-07

Benthic infauna abundance AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	2.00
------------------------	------	-----	-----	------

Survey: EBCHEM Station: EW-08
=====

Date: 10/14/85 Sample ID: EW-08

Benthic infauna abundance AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	2.00
------------------------	------	-----	-----	------

Survey: EBCHEM Station: EW-09
=====

Date: 10/14/85 Sample ID: EW-09

Benthic infauna abundance AET.

BUTYL BENZYL PHTHALATE	1800	PPB	DRY	2.00
------------------------	------	-----	-----	------

Survey: EBCHEM Station: KG-01
=====

Date: 09/25/85 Sample ID: KG-01

Benthic infauna abundance AET.

ZINC	960	PPM E	DRY	2.34
CADMIUM	5.2	PPM	DRY	1.02
PERCENT FINES (CLAY & SILT)	95	PCT	DRY	1.07

Survey: EBCHEM Station: KG-05
=====

Date: 09/30/85 Sample ID: KG-05

Benthic infauna abundance AET.

LEAD	500	PPM	DRY	1.11
TRANS-1,2-DICHLOROETHENE	8.9	PPB E	DRY	11.13

Survey: EBCHEM Station: KG-06
=====

Date: 09/30/85 Sample ID: KG-06

Benthic infauna abundance AET.

POLYCHLORINATED BIPHENYLS	3100	PPB E	DRY	3.10
ZINC	450	PPM E	DRY	1.10
2-METHYLNAPHTHALENE	1900	PPB	DRY	1.36
ANTIMONY (SB)	190	PPM	DRY	1.27
P,P'-DDT	270	PPB E	DRY	7.94

Survey: EBCHEM Station: KG-10
=====

Date: 10/08/85 Sample ID: KG-10

Benthic infauna abundance AET.

RETENE	10000	PPB E	DRY	5.00
BENZOIC ACID	6300	PPB	DRY	9.69

Survey: EBCHEM Station: NH-03
=====

Date: 10/16/85 Sample ID: NH-03

Benthic infauna abundance AET.

ARSENIC	120	PPM	DRY	2.11
BENZO(A)PYRENE	3800	PPB E	DRY	1.06
BENZO(G,H,I)PERYLENE	4900	PPB E	DRY	1.88
COPPER	2100	PPM	DRY	3.96
LEAD	550	PPM	DRY	1.22
MERCURY	11	PPM E	DRY	5.24
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	3.30
TOTAL BENZOFLUORANTHENES (B + K)	12000	PPB E	DRY	1.21
ZINC	1300	PPM E	DRY	3.17
DIBENZO(A,H)ANTHRACENE	2900	PPB E	DRY	2.99
INDENO(1,2,3-CD)PYRENE	5800	PPB E	DRY	2.23
ANTIMONY (SB)	250	PPM	DRY	1.67
P,P'-DDD	120	PPB	DRY	7.50
TOTAL XYLENE	63	PPB E	DRY	1.57
BENZO(B)FLUORANTHENE	7500	PPB E	DRY	1.53

Survey: EBCHEM Station: NH-04
=====

Date: 10/15/85 Sample ID: NH-04

Benthic infauna abundance AET.

ARSENIC	170	PPM	DRY	2.98
COPPER	1800	PPM	DRY	3.40
ZINC	990	PPM E	DRY	2.41
PENTACHLOROPHENOL	6000	PPB X	DRY	8.70
ANTIMONY (SB)	500	PPM	DRY	3.33
2-METHYLPHENOL	240	PPB E	DRY	3.33

Survey: EBCHEM Station: NH-05

Date: 10/15/85 Sample ID: NH-05

Benthic infauna abundance AET.

ACENAPHTHENE	870	PPB E	DRY	1.19
--------------	-----	-------	-----	------

Survey: EBCHEM Station: NH-06

Date: 10/16/85 Sample ID: NH-06

Benthic infauna abundance AET.

ANTHRACENE	10000	PPB E	DRY	2.27
BENZO(A)ANTHRACENE	9400	PPB E	DRY	1.84
BENZO(A)PYRENE	7400	PPB E	DRY	2.06
BENZO(G,H,I)PERYLENE	4300	PPB E	DRY	1.65
CHRYSENE	16000	PPB E	DRY	1.74
FLUORANTHENE	27000	PPB E	DRY	1.13
FLUORENE	6000	PPB E	DRY	6.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	130000	PPB E	DRY	1.88
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	57000	PPB E	DRY	4.38
NAPHTHALENE	15000	PPB E	DRY	5.56
PHENANTHRENE	20000	PPB E	DRY	3.70
PYRENE	28000	PPB E	DRY	1.75
TOTAL BENZOFUORANTHENES (B + K)	26000	PPB E	DRY	2.63
ZINC	610	PPM E	DRY	1.49
DIBENZO(A,H)ANTHRACENE	3600	PPB E	DRY	3.71
ACENAPHTHENE	5100	PPB E	DRY	6.99
INDENO(1,2,3-CD)PYRENE	6400	PPB E	DRY	2.46
1-METHYL PHENANTHRENE	1400	PPB E	DRY	1.08
2-METHYLNAPHTHALENE	2900	PPB E	DRY	2.07
DIBENZOFURAN	3200	PPB E	DRY	4.57
BIPHENYL	1800	PPB E	DRY	6.00
3-METHYL PHENANTHRENE	1600	PPB E	DRY	1.14
BENZO(B)FLUORANTHENE	23000	PPB E	DRY	4.69

CARBAZOLE 1200 PPB E DRY 1.24

Survey: EBCHEM Station: NH-08

=====

Date: 10/16/85 Sample ID: NH-08

Benthic infauna abundance AET.

ANTHRACENE	7100	PPB E	DRY	1.61
BENZO(A)ANTHRACENE	8300	PPB E	DRY	1.63
BENZO(A)PYRENE	5400	PPB E	DRY	1.50
BENZO(G,H,I)PERYLENE	3100	PPB E	DRY	1.19
CHRYSENE	11000	PPB E	DRY	1.20
FLUORENE	4700	PPB E	DRY	4.70
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	79000	PPB E	DRY	1.14
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	37000	PPB E	DRY	2.85
NAPHTHALENE	6600	PPB E	DRY	2.44
POLYCHLORINATED BIPHENYLS	1300	PPB E	DRY	1.30
PHENANTHRENE	13000	PPB E	DRY	2.41
PYRENE	19000	PPB E	DRY	1.19
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB E	DRY	2.12
ZINC	620	PPM E	DRY	1.51
DIBENZO(A,H)ANTHRACENE	2500	PPB E	DRY	2.58
ACENAPHTHENE	5300	PPB E	DRY	7.26
INDENO(1,2,3-CD)PYRENE	4200	PPB E	DRY	1.62
2-METHYLNAPHTHALENE	2400	PPB E	DRY	1.71
DIBENZOFURAN	2600	PPB E	DRY	3.71
BIPHENYL	1600	PPB E	DRY	5.33
BENZO(B)FLUORANTHENE	15000	PPB E	DRY	3.06
BENZO(K)FLUORANTHENE	5500	PPB E	DRY	1.10

Survey: EBCHEM Station: NH-10

=====

Date: 10/08/85 Sample ID: NH-10

Benthic infauna abundance AET.

HEPTACHLOR (PESTICIDE)	6.0	PPB E	DRY	4.00 *
ALDRIN (PESTICIDE)	90	PPB E	DRY	204.55

Survey: EBCHEM Station: NS-01

=====

Date: 10/08/85 Sample ID: NS-01

Benthic infauna abundance AET.

SILVER	8.3	PPM E	DRY	1.41 *
--------	-----	-------	-----	--------

Survey: EBCHEM Station: NS-06
=====

Date: 09/27/85 Sample ID: NS-06

Benthic infauna abundance AET.

DI-N-OCTYL PHTHALATE	9900	PPB X	DRY	1.60
TOTAL PHTHALATES	10000	PPB E	DRY	3.03

Survey: EBCHEM Station: SS-03
=====

Date: 10/04/85 Sample ID: SS-03

Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	380	PPB X	DRY	3.45
ARSENIC	580	PPM	DRY	10.18
COPPER	1000	PPM	DRY	1.89
LEAD	650	PPM	DRY	1.44
ZINC	4800	PPM E	DRY	11.71
CADMIUM	7.2	PPM	DRY	1.41
ANTIMONY (SB)	690	PPM	DRY	4.60
P,P'-DDD	29	PPB	DRY	1.81
BENZYL ALCOHOL	1300	PPB E	DRY	1.49

Survey: EBCHEM Station: SS-04
=====

Date: 10/04/85 Sample ID: SS-04

Benthic infauna abundance AET.

BENZO(G,H,I)PERYLENE	3200	PPB E	DRY	1.23
POLYCHLORINATED BIPHENYLS	1600	PPB E	DRY	1.60
DIBENZO(A,H)ANTHRACENE	1900	PPB E	DRY	1.96
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	1.69
BUTYL BENZYL PHTHALATE	970	PPB X	DRY	1.08
P,P'-DDT	180	PPB	DRY	5.29
P,P'-DDD	63	PPB	DRY	3.94

Survey: EBCHEM Station: SS-06
=====

Date: 10/03/85 Sample ID: SS-06

Benthic infauna abundance AET.

ANTHRACENE	11000	PPB E	DRY	2.50
BENZO(A)PYRENE	5600	PPB E	DRY	1.56
BENZO(G,H,I)PERYLENE	2700	PPB E	DRY	1.04
FLUORENE	2700	PPB	DRY	2.70
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	77000	PPB E	DRY	1.12
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB E	DRY	1.85
PHENANTHRENE	6000	PPB	DRY	1.11
PYRENE	17000	PPB	DRY	1.06
TOTAL BENZOFLUORANTHENES (B + K)	21000	PPB	DRY	2.12
ZINC	420	PPM E	DRY	1.02
DIBENZO(A,H)ANTHRACENE	1500	PPB E	DRY	1.55
ACENAPHTHENE	1000	PPB E	DRY	1.37
ACENAPHTHYLENE	2000	PPB	DRY	1.54
INDENO(1,2,3-CD)PYRENE	3900	PPB E	DRY	1.50
TOTAL NITROGEN (NO3+NO3+NH4)	0.34	PCT	DRY	1.21
BENZO(K)FLUORANTHENE	18000	PPB	DRY	3.60
PERCENT FINES (CLAY & SILT)	91.8	PCT	DRY	1.04

Survey: EBCHEM Station: SS-08

Date: 09/27/85 Sample ID: SS-08

Benthic infauna abundance AET.

ANTHRACENE	190000	PPB	DRY	43.18
BENZO(A)ANTHRACENE	300000	PPB	DRY	58.82
BENZO(A)PYRENE	100000	PPB E	DRY	27.78
BENZO(G,H,I)PERYLENE	32000	PPB E	DRY	12.31
CHRYSENE	350000	PPB	DRY	38.04
FLUORANTHENE	1300000	PPB	DRY	54.17
FLUORENE	37000	PPB	DRY	37.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	3200000	PPB E	DRY	46.38
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	630000	PPB	DRY	48.46
NAPHTHALENE	5300	PPB X	DRY	1.96
PHENANTHRENE	330000	PPB	DRY	61.11
PYRENE	740000	PPB	DRY	46.25
TOTAL BENZOFLUORANTHENES (B + K)	300000	PPB	DRY	30.30
TOTAL VOLATILE SOLIDS	41.1	PCT	DRY	1.85
DIBENZO(A,H)ANTHRACENE	12000	PPB E	DRY	12.37
ACENAPHTHENE	33000	PPB	DRY	45.21
ACENAPHTHYLENE	37000	PPB X	DRY	28.46
INDENO(1,2,3-CD)PYRENE	40000	PPB E	DRY	15.38
1-METHYL PHENANTHRENE	100000	PPB E	DRY	76.92
2-METHYLNAPHTHALENE	3300	PPB	DRY	2.36
TOTAL NITROGEN (NO3+NO3+NH4)	0.47	PCT	DRY	1.68
OIL AND GREASE	5500	PPM	DRY	1.20
TOTAL ORGANIC CARBON	26.6	PCT E	DRY	1.76
DIBENZOFURAN	7100	PPB	DRY	10.14
2-METHYL PHENANTHRENE	110000	PPB E	DRY	73.33
3-METHYL PHENANTHRENE	97000	PPB E	DRY	69.29
BENZO(B)FLUORANTHENE	150000	PPB	DRY	30.61

BENZO(K)FLUORANTHENE 150000 PPB DRY 30.00

Survey: EBCHEM Station: SS-09

Date: 09/27/85 Sample ID: SS-09

Benthic infauna abundance AET.

1,4-DICHLOROBENZENE	31000	PPB X	DRY	281.82
ANTHRACENE	5100	PPB	DRY	1.16
ARSENIC	81	PPM	DRY	1.42
BENZO(A)ANTHRACENE	7900	PPB	DRY	1.55
BENZO(A)PYRENE	8200	PPB E	DRY	2.28
BENZO(G,H,I)PERYLENE	3800	PPB E	DRY	1.46
CHROMIUM TOTAL	300	PPM E	DRY	1.15
CHRYSENE	20000	PPB	DRY	2.17
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	100000	PPB E	DRY	1.45
LEAD	71000	PPM	DRY	157.78
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	15000	PPB E	DRY	1.15
MERCURY	3.9	PPM E	DRY	1.86
POLYCHLORINATED BIPHENYLS	3300	PPB E	DRY	3.30
TOTAL BENZOFLUORANTHENES (B + K)	32000	PPB	DRY	3.23
ZINC	6000	PPM E	DRY	14.63
DIBENZO(A,H)ANTHRACENE	1300	PPB E	DRY	1.34
ACENAPHTHYLENE	2600	PPB	DRY	2.00
INDENO(1,2,3-CD)PYRENE	4400	PPB E	DRY	1.69
P,P'-DDE	36	PPB	DRY	4.00
CADMIUM	17	PPM	DRY	3.33
ANTIMONY (SB)	680	PPM	DRY	4.53
OIL AND GREASE	5200	PPM	DRY	1.13
P,P'-DDD	140	PPB E	DRY	8.75
ALDRIN (PESTICIDE)	75	PPB	DRY	170.45
BENZO(B)FLUORANTHENE	6900	PPB	DRY	1.41
BENZO(K)FLUORANTHENE	25000	PPB	DRY	5.00

Survey: EBCHEM Station: SS-10

Date: 09/27/85 Sample ID: SS-10

Benthic infauna abundance AET.

CHROMIUM TOTAL	1100	PPM E	DRY	4.23
NICKEL	370	PPM	DRY	2.64 *
BENZO(B)FLUORANTHENE	5000	PPB	DRY	1.02

Survey: EBCHEM Station: WW-02

Date: 10/09/85 Sample ID: WW-02

Benthic infauna abundance AET.

BENZYL ALCOHOL	8800	PPB E	DRY	10.11
----------------	------	-------	-----	-------

Survey: EBCHEM Station: WW-04
=====Date: 10/01/85 Sample ID: WW-04
-----Benthic infauna abundance AET.

FLUORANTHENE	30000	PPB E	DRY	1.25
FLUORENE	3600	PPB E	DRY	3.60
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	15000	PPB E	DRY	1.15
PHENANTHRENE	6900	PPB E	DRY	1.28
ACENAPHTHENE	2000	PPB E	DRY	2.74
DIBENZOFURAN	1700	PPB E	DRY	2.43
BIPHENYL	310	PPB E	DRY	1.03

Survey: EBCHEM Station: WW-05
=====Date: 10/01/85 Sample ID: WW-05
-----Benthic infauna abundance AET.

POLYCHLORINATED BIPHENYLS	1200	PPB E	DRY	1.20
---------------------------	------	-------	-----	------

Survey: EBCHEM Station: WW-06
=====Date: 10/01/85 Sample ID: WW-06 Field rep: 2
-----Benthic infauna abundance AET.

ANTIMONY (SB)	180	PPM	DRY	1.20
IRON	57000	PPM	DRY	1.14

Survey: EBCHEM Station: WW-09
=====Date: 10/02/85 Sample ID: WW-09
-----Benthic infauna abundance AET.

BENZO(A)PYRENE	3700	PPB E	DRY	1.03
----------------	------	-------	-----	------

LEAD	710	PPM	M	DRY	1.58
POLYCHLORINATED BIPHENYLS	1500	PPB	E	DRY	1.50
ZINC	540	PPM	EM	DRY	1.32
ACENAPHTHENE	790	PPB	E	DRY	1.08
P,P'-DDD	80	PPB	E	DRY	5.00

Survey: EBCHEM Station: WW-10

=====

Date: 10/02/85 Sample ID: WW-10

Benthic infauna abundance AET.

LEAD	470	PPM	M	DRY	1.04
------	-----	-----	---	-----	------

Survey: EBCHEM Station: WW-11

=====

Date: 10/02/85 Sample ID: WW-11

Benthic infauna abundance AET.

LEAD	720	PPM		DRY	1.60
ZINC	470	PPM	E	DRY	1.15
TOTAL XYLENE	64	PPB	E	DRY	1.60

Survey: EBCHEM Station: WW-12

=====

Date: 10/02/85 Sample ID: WW-12

Benthic infauna abundance AET.

ARSENIC	240	PPM		DRY	4.21
CHROMIUM TOTAL	560	PPM	E	DRY	2.15
COPPER	620	PPM		DRY	1.17
LEAD	1200	PPM		DRY	2.67
ZINC	1200	PPM	E	DRY	2.93
ANTIMONY (SB)	1200	PPM		DRY	8.00

Survey: EBCHEM Station: WW-14

=====

Date: 10/02/85 Sample ID: WW-14

Benthic infauna abundance AET.

LEAD	8700	PPM		DRY	19.33
------	------	-----	--	-----	-------

ZINC	430	PPM E	DRY	1.05
ANTIMONY (SB)	1400	PPM	DRY	9.33

Survey: EBCHEM Station: WW-16
=====

Date: 10/02/85 Sample ID: WW-16

Benthic infauna abundance AET.

ANTIMONY (SB)	180	PPM M	DRY	1.20
---------------	-----	-------	-----	------

Survey: EBCHEM Station: WW-18
=====

Date: 10/03/85 Sample ID: WW-18

Benthic infauna abundance AET.

ANTIMONY (SB)	200	PPM	DRY	1.33
---------------	-----	-----	-----	------

Survey: EBCHEM Station: WW-19
=====

Date: 10/03/85 Sample ID: WW-19

Benthic infauna abundance AET.

COPPER	1300	PPM	DRY	2.45
ZINC	710	PPM E	DRY	1.73
ANTIMONY (SB)	190	PPM	DRY	1.27
4-METHYL PHENOL	2600	PPB	DRY	1.44

Survey: EBCHEM Station: WW-20
=====

Date: 10/03/85 Sample ID: WW-20

Benthic infauna abundance AET.

ANTIMONY (SB)	160	PPM	DRY	1.07
---------------	-----	-----	-----	------

Survey: EHCHEM Station: EH-05
=====

Date: 06/01/85 Sample ID: V1

Benthic infauna abundance AET.

CARBAZOLE	1300	PPB E	DRY	1.34
-----------	------	-------	-----	------

Survey: EHCHEM Station: EH-06

=====

Date: 06/01/85 Sample ID: V6

Benthic infauna abundance AET.

DIETHYL PHTHALATE	550	PPB	DRY	2.75
1,2-DICHLOROBENZENE	110	PPB	DRY	2.20
CARBAZOLE	3000	PPB E	DRY	3.09

Survey: EHCHEM Station: EH-08

=====

Date: 06/01/85 Sample ID: B1

Benthic infauna abundance AET.

ANTHRACENE	12000	PPB	DRY	2.73
BENZO(A)ANTHRACENE	8200	PPB	DRY	1.61
DIETHYL PHTHALATE	2300	PPB	DRY	11.50
DIMETHYL PHTHALATE	5900	PPB	DRY	4.21 *
FLUORANTHENE	40000	PPB	DRY	1.67
FLUORENE	7500	PPB	DRY	7.50
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	90000	PPB	DRY	1.30
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	55000	PPB	DRY	4.23
NAPHTHALENE	3000	PPB	DRY	1.11
PHENANTHRENE	23000	PPB	DRY	4.26
PYRENE	30000	PPB	DRY	1.88
ACENAPHTHENE	9500	PPB	DRY	13.01
1,2-DICHLOROBENZENE	110	PPB	DRY	2.20

Date: 06/01/85 Sample ID: V1

Benthic infauna abundance AET.

ANTHRACENE	76000	PPB	DRY	17.27
BENZO(A)ANTHRACENE	12000	PPB	DRY	2.35
BENZO(A)PYRENE	4700	PPB	DRY	1.31
CHRYSENE	16000	PPB	DRY	1.74
FLUORANTHENE	60000	PPB	DRY	2.50
FLUORENE	32000	PPB	DRY	32.00
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	140000	PPB	DRY	2.03
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	200000	PPB	DRY	15.38
NAPHTHALENE	11000	PPB	DRY	4.07
PHENANTHRENE	58000	PPB	DRY	10.74

PYRENE	50000	PPB	DRY	3.13
ACENAPHTHENE	23000	PPB	DRY	31.51
CARBAZOLE	15000	PPB E	DRY	15.46

Survey: EHCHEM Station: EH-15

=====

Date: 06/01/85 Sample ID: V1

Benthic infauna abundance AET.

ANTHRACENE	13000	PPB	DRY	2.95
DIETHYL PHTHALATE	1200	PPB	DRY	6.00
FLUORENE	1800	PPB	DRY	1.80
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	24000	PPB	DRY	1.85
ACENAPHTHENE	980	PPB	DRY	1.34
CARBAZOLE	3600	PPB E	DRY	3.71

Survey: EHCHEM Station: EH-16

=====

Date: 06/01/85 Sample ID: V1

Benthic infauna abundance AET.

DIETHYL PHTHALATE	450	PPB L	DRY	2.25
1,2-DICHLOROBENZENE	63	PPB	DRY	1.26
THALLIUM	0.3	PPM	DRY	1.25
CARBAZOLE	1500	PPB E	DRY	1.55

Survey: EVCHEM Station: ES-01

=====

Date: 10/06/86 Sample ID: ES-01G

Benthic infauna abundance AET.

DITERPENOID ALCOHOL, BASE PEAK M/Z 271	12	PPB E	DRY	1.20
--	----	-------	-----	------

Survey: EVCHEM Station: ES-02

=====

Date: 10/06/86 Sample ID: ES-02G

Benthic infauna abundance AET.

DITERPENOID ALCOHOL, BASE PEAK M/Z 271	12	PPB E	DRY	1.20
TRITHIOLANE	8.4	PPB E	DRY	1.95

Survey: EVCHEM Station: ES-03

=====

Date: 10/06/86 Sample ID: ES-03G

Benthic infauna abundance AET.

BENZOIC ACID	760	PPB E	DRY	1.17
DITERPENOID HYDROCARBON, BASE PK M/Z 255	100	PPB E	DRY	1.30
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	130	PPB E	DRY	13.00
TRITHIOLANE	22	PPB E	DRY	5.12

Survey: EVCHEM Station: EW-01

=====

Date: 10/07/86 Sample ID: EW-01G Field rep: EW01

Benthic infauna abundance AET.

PHENOL	1600	PPB Z	DRY	1.33
TOTAL NITROGEN (NO3+NO3+NH4)	0.59	PCT	DRY	2.11
N-NITROSO DIPHENYLAMINE	57	PPB	DRY	2.04
4-METHYL PHENOL	6000	PPB	DRY	3.33
2,4,5-TRICHLOROPHENOL	88	PPB	DRY	29.33
2,4,6-TRICHLOROPHENOL	290	PPB	DRY	48.33
HEXADECANOIC ACID, METHYL ESTER	1200	PPB	DRY	1.21
2,4-DICHLOROPHENOL	320	PPB	DRY	35.56
UNIDENTIFIED ALKANOL	380	PPB E	DRY	1.09
BASE PEAK M/Z 181, ISOMER 1	790	PPB E	DRY	4.94
BASE PEAK M/Z 181, ISOMER 2	790	PPB E	DRY	9.08
DEHYDROABIETIC ACID	10000	PPB	DRY	66.67
DITERPENOID HYDROCARBON, BASE PK M/Z 255	600	PPB E	DRY	7.79
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	1300	PPB E	DRY	130.00
TETRACHLOROGUAIACOL	50	PPB	DRY	12.50
TRITHIOLANE	1400	PPB E	DRY	325.58

Survey: EVCHEM Station: EW-04

=====

Date: 09/30/86 Sample ID: EW-04G Field rep: EW04

Benthic infauna abundance AET.

FLUORENE	2300	PPB	DRY	2.30
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	25000	PPB	DRY	1.92
NAPHTHALENE	10000	PPB	DRY	3.70
POLYCHLORINATED BIPHENYLS	9600	PPB E	DRY	9.60
PHENANTHRENE	8100	PPB	DRY	1.50
PHENOL	2100	PPB	DRY	1.75

ACENAPHTHENE	3300	PPB	DRY	4.52
1,2-DICHLOROBENZENE	96	PPB	DRY	1.92
2-METHYLNAPHTHALENE	5000	PPB	DRY	3.57
2,4-DIMETHYL PHENOL	520	PPB	DRY	2.48
TOTAL NITROGEN (NO3+NO3+NH4)	0.5	PCT	DRY	1.79
TOTAL ORGANIC CARBON	29.4	PCT	DRY	1.95
4-METHYL PHENOL	35000	PPB	DRY	19.44
DIBENZOFURAN	2200	PPB	DRY	3.14
HEXADECANOIC ACID METHYL ESTER	3200	PPB E	DRY	1.45
2-METHYLPHENOL	1200	PPB	DRY	16.67
RETENE	3100	PPB E	DRY	1.55
SULFIDES	2100	PPM	DRY	3.33
2,4,5-TRICHLOROPHENOL	71	PPB	DRY	23.67
2,4,6-TRICHLOROPHENOL	79	PPB	DRY	13.17
HEXADECANOIC ACID, METHYL ESTER	4300	PPB	DRY	4.34
2-CHLOROPHENOL	160	PPB	DRY	4.44
2,4-DICHLOROPHENOL	91	PPB	DRY	10.11
UNIDENTIFIED ALKANOL	2200	PPB E	DRY	6.29
BASE PEAK M/Z 181, ISOMER 1	12000	PPB E	DRY	75.00
BASE PEAK M/Z 181, ISOMER 2	6500	PPB E	DRY	74.71
CHOLESTEROL (CHOLEST-5-EN-3[BETA]-OL)	630	PPB E	DRY	3.94
CYMENE (UNSPECIFIED ISOMER)	2900	PPB E	DRY	4.83
DEHYDROABIETIC ACID	83000	PPB	DRY	553.33
DITERPENOID HYDROCARBON, BASE PK M/Z 255	23000	PPB E	DRY	298.70
TRITHIOLANE	5800	PPB E	DRY	1348.8

Survey: EVCHEM Station: EW-07

=====

Date: 09/30/86 Sample ID: EW-07G Field rep: EW07

Benthic infauna abundance AET.

FLUORENE	1400	PPB M	DRY	1.40
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	28000	PPB	DRY	2.15
NAPHTHALENE	21000	PPB XM	DRY	7.78
ACENAPHTHENE	1900	PPB M	DRY	2.60
2-METHYLNAPHTHALENE	9000	PPB XM	DRY	6.43
4-METHYL PHENOL	140000	PPB XM	DRY	77.78
DIBENZOFURAN	1600	PPB M	DRY	2.29
2-METHYLPHENOL	390	PPB LM	DRY	5.42
2,4,5-TRICHLOROPHENOL	9.0	PPB	DRY	3.00
2,4,6-TRICHLOROPHENOL	18	PPB	DRY	3.00
HEXADECANOIC ACID, METHYL ESTER	1000	PPB M	DRY	1.01
2,4-DICHLOROPHENOL	32	PPB	DRY	3.56
UNIDENTIFIED ALKANOL	470	PPB EM	DRY	1.34
BASE PEAK M/Z 181, ISOMER 1	2600	PPB EM	DRY	16.25
BASE PEAK M/Z 181, ISOMER 2	1800	PPB EM	DRY	20.69
DEHYDROABIETIC ACID	6500	PPB	DRY	43.33
DITERPENOID HYDROCARBON, BASE PK M/Z 255	490	PPB EM	DRY	6.36
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	900	PPB EM	DRY	90.00
TRITHIOLANE	790	PPB EM	DRY	183.72
HEXADECANOIC ACID	1400	PPB EM	DRY	7.78

Survey: EVCHEM Station: EW-10

Date: 10/01/86 Sample ID: EW-10G Field rep: EW10

Benthic infauna abundance AET.

PHENOL	2900	PPB	DRY	2.42
TOTAL NITROGEN (NO3+NO3+NH4)	0.35	PCT	DRY	1.25
4-METHYL PHENOL	26000	PPB X	DRY	14.44
SULFIDES	1100	PPM	DRY	1.75
HEXADECANOIC ACID, METHYL ESTER	2200	PPB	DRY	2.22
UNIDENTIFIED ALKANOL	1200	PPB E	DRY	3.43
BASE PEAK M/Z 181, ISOMER 1	1100	PPB E	DRY	6.88
BASE PEAK M/Z 181, ISOMER 2	860	PPB E	DRY	9.89
DITERPENOID HYDROCARBON, BASE PK M/Z 255	490	PPB E	DRY	6.36
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	1100	PPB E	DRY	110.00
TRITHIOLANE	1600	PPB E	DRY	372.09
HEXADECANOIC ACID	2300	PPB E	DRY	12.78

Survey: EVCHEM Station: EW-12

Date: 10/01/86 Sample ID: EW-12G Field rep: EW12

Benthic infauna abundance AET.

4-METHYL PHENOL	3600	PPB X	DRY	2.00
HEXADECANOIC ACID, METHYL ESTER	1100	PPB	DRY	1.11
UNIDENTIFIED ALKANOL	580	PPB E	DRY	1.66
BASE PEAK M/Z 181, ISOMER 1	380	PPB E	DRY	2.38
BASE PEAK M/Z 181, ISOMER 2	200	PPB E	DRY	2.30
DITERPENOID HYDROCARBON, BASE PK M/Z 255	200	PPB E	DRY	2.60
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	31	PPB E	DRY	3.10
TRITHIOLANE	5.7	PPB E	DRY	1.33

Survey: EVCHEM Station: EW-14

Date: 10/01/86 Sample ID: EW-14G Field rep: EW14

Benthic infauna abundance AET.

ANTHRACENE	6100	PPB	DRY	1.39
ARSENIC	690	PPM	DRY	12.11
COPPER	1000	PPM	DRY	1.89
FLUORENE	4300	PPB	DRY	4.30
LEAD	520	PPM	DRY	1.16
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	28000	PPB	DRY	2.15
NAPHTHALENE	7000	PPB	DRY	2.59
PHENOL	1300	PPB	DRY	1.08
ZINC	5900	PPM	DRY	14.39
ACENAPHTHENE	5200	PPB	DRY	7.12

CADMIUM	7.9	PPM	DRY	1.55
2-METHYLNAPHTHALENE	6400	PPB	DRY	4.57
ANTIMONY (SB)	200	PPM E	DRY	1.33
4-METHYL PHENOL	15000	PPB	DRY	8.33
DIBENZOFURAN	5000	PPB	DRY	7.14
BENZOIC ACID	5900	PPB	DRY	9.08
2,4,5-TRICHLOROPHENOL	4.0	PPB E	DRY	1.33
2,4,6-TRICHLOROPHENOL	9.0	PPB	DRY	1.50
2,4-DICHLOROPHENOL	24	PPB	DRY	2.67
BASE PEAK M/Z 181, ISOMER 1	320	PPB E	DRY	2.00
BASE PEAK M/Z 181, ISOMER 2	270	PPB E	DRY	3.10
DEHYDROABIETIC ACID	3800	PPB	DRY	25.33
DITERPENOID HYDROCARBON, BASE PK M/Z 255	1700	PPB E	DRY	22.08
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	1200	PPB E	DRY	120.00
TRITHIOLANE	180	PPB E	DRY	41.86

Survey: EVCHEM Station: NG-02

=====

Date: 10/02/86 Sample ID: NG-02G Field rep: NG02

Benthic infauna abundance AET.

UNIDENTIFIED ALKANOL	390	PPB E	DRY	1.11
TRITHIOLANE	5.3	PPB E	DRY	1.23

Survey: EVCHEM Station: NG-03

=====

Date: 10/02/86 Sample ID: NG-03G Field rep: NG03

Benthic infauna abundance AET.

UNIDENTIFIED ALKANOL	470	PPB E	DRY	1.34
----------------------	-----	-------	-----	------

Survey: EVCHEM Station: NG-04

=====

Date: 10/02/86 Sample ID: NG-04G Field rep: NG04

Benthic infauna abundance AET.

4-METHYL PHENOL	2400	PPB X	DRY	1.33
HEXADECANOIC ACID, METHYL ESTER	1100	PPB	DRY	1.11
UNIDENTIFIED ALKANOL	390	PPB E	DRY	1.11

Survey: EVCHEM Station: NG-14

=====

Date: 10/15/86 Sample ID: NG-14G

=====

Benthic infauna abundance AET.
.....

4-METHYL PHENOL	2100	PPB	DRY	1.17
CHOLESTEROL (CHOLEST-5-EN-3[BETA]-OL)	260	PPB E	DRY	1.63

Survey: EVCHEM Station: NG-15
=====Date: 10/15/86 Sample ID: NG-15G
.....Benthic infauna abundance AET.
.....

CHROMIUM TOTAL	270	PPM	DRY	1.04
----------------	-----	-----	-----	------

Survey: EVCHEM Station: OG-03
=====Date: 10/09/86 Sample ID: OG-03G Field rep: OG03
.....Benthic infauna abundance AET.
.....

N-NITROSO DIPHENYLAMINE	38	PPB	DRY	1.36
2,4,5-TRICHLOROPHENOL	4.0	PPB	DRY	1.33
2,4-DICHLOROPHENOL	12	PPB	DRY	1.33
UNIDENTIFIED ALKANOL	360	PPB E	DRY	1.03
BASE PEAK M/Z 181, ISOMER 1	390	PPB E	DRY	2.44
BASE PEAK M/Z 181, ISOMER 2	210	PPB E	DRY	2.41
DEHYDROABIETIC ACID	1500	PPB	DRY	10.00
DITERPENOID HYDROCARBON, BASE PK M/Z 255	120	PPB E	DRY	1.56
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	17	PPB E	DRY	1.70
TRITHIOLANE	71	PPB E	DRY	16.51
HEXADECANOIC ACID	320	PPB E	DRY	1.78

Survey: EVCHEM Station: SR-04
=====Date: 10/06/86 Sample ID: SR-04G
.....Benthic infauna abundance AET.
.....

BASE PEAK M/Z 181, ISOMER 1	380	PPB E	DRY	2.38
BASE PEAK M/Z 181, ISOMER 2	190	PPB E	DRY	2.18
DEHYDROABIETIC ACID	640	PPB	DRY	4.27
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	110	PPB E	DRY	11.00
TRITHIOLANE	31	PPB E	DRY	7.21
HEXADECANOIC ACID	250	PPB E	DRY	1.39

Survey: EVCHEM Station: SR-07
=====Date: 10/03/86 Sample ID: SR-07G Field rep: SR07
.....

Benthic infauna abundance AET.

PERCENT FINES (CLAY & SILT)	95.5	PCT	DRY	1.08
BASE PEAK M/Z 181, ISOMER 1	350	PPB E	DRY	2.19
BASE PEAK M/Z 181, ISOMER 2	210	PPB E	DRY	2.41
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	72	PPB E	DRY	7.20
TRITHIOLANE	86	PPB E	DRY	20.00
HEXADECANOIC ACID	200	PPB E	DRY	1.11

Survey: EVCHEM Station: SR-08
=====Date: 10/03/86 Sample ID: SR-08G Field rep: SR08
-----Benthic infauna abundance AET.

BASE PEAK M/Z 181, ISOMER 1	320	PPB E	DRY	2.00
BASE PEAK M/Z 181, ISOMER 2	170	PPB E	DRY	1.95
DITERPENOID ALCOHOL, BASE PEAK M/Z 271	70	PPB E	DRY	7.00
TRITHIOLANE	82	PPB E	DRY	19.07
HEXADECANOIC ACID	350	PPB E	DRY	1.94

Survey: EVCHEM Station: SS-01
=====Date: 10/06/86 Sample ID: SS-01G
-----Benthic infauna abundance AET.

N-NITROSO DIPHENYLAMINE	48	PPB	DRY	1.71
-------------------------	----	-----	-----	------

Survey: TPPS3AB Station: EB-33
=====Date: 03/15/82 Sample ID: 1779
-----Benthic infauna abundance AET.

BENZO(A)PYRENE	9800	PPB	DRY	2.72
BENZO(G,H,I)PERYLENE	8000	PPB	DRY	3.08
POLYCHLORINATED BIPHENYLS	1100	PPB	DRY	1.10
TOTAL BENZOFLUORANTHENES (B + K)	18000	PPB	DRY	1.82
DIBENZO(A,H)ANTHRACENE	4000	PPB	DRY	4.12
INDENO(1,2,3-CD)PYRENE	2900	PPB	DRY	1.12
P,P'-DDE	11	PPB	DRY	1.22
BUTYL BENZYL PHTHALATE	1700	PPB	DRY	1.89

Date: 07/15/82 Sample ID: 2080
-----Benthic infauna abundance AET.

POLYCHLORINATED BIPHENYLS	2300	PPB	DRY	2.30
P,P'-DDE	30	PPB	DRY	3.33
P,P'-DDD	30	PPB	DRY	1.88

Survey: TPPS3AB Station: EB-35

=====

Date: 03/15/82 Sample ID: 1775

Benthic infauna abundance AET.

BENZO(A)ANTHRACENE	9500	PPB	DRY	1.86
CHRYSENE	10000	PPB	DRY	1.09
FLUORENE	2700	PPB	DRY	2.70
LEAD	670	PPM	DRY	1.49
POLYCHLORINATED BIPHENYLS	3900	PPB	DRY	3.90
DI-N-OCTYL PHTHALATE	9500	PPB	DRY	1.53
P,P'-DDE	47	PPB	DRY	5.22
P,P'-DDD	180	PPB	DRY	11.25

Date: 07/15/82 Sample ID: 2079

Benthic infauna abundance AET.

BENZO(A)PYRENE	5900	PPB	DRY	1.64
BENZO(G,H,I)PERYLENE	5100	PPB	DRY	1.96
TOTAL BENZOFLUORANTHENES (B + K)	11000	PPB	DRY	1.11
DI-N-OCTYL PHTHALATE	38000	PPB	DRY	6.13
DIBENZO(A,H)ANTHRACENE	1000	PPB	DRY	1.03
INDENO(1,2,3-CD)PYRENE	4400	PPB	DRY	1.69
BUTYL BENZYL PHTHALATE	1800	PPB	DRY	2.00
N-NITROSO DIPHENYLAMINE	280	PPB	DRY	10.00

Survey: TPPS3AB Station: EB-36

=====

Date: 03/15/82 Sample ID: 1776

Benthic infauna abundance AET.

POLYCHLORINATED BIPHENYLS	4000	PPB	DRY	4.00
DI-N-OCTYL PHTHALATE	28000	PPB	DRY	4.52
ACENAPHTHYLENE	4000	PPB	DRY	3.08
P,P'-DDE	37	PPB	DRY	4.11

Date: 07/15/82 Sample ID: 2072

Benthic infauna abundance AET.

DIETHYL PHTHALATE	320	PPB	DRY	1.60
P,P'-DDE	10	PPB	DRY	1.11
HEXACHLOROBUTADIENE	15	PPB	DRY	1.36

Survey: TPPS3AB Station: WP-02

=====

Date: 03/15/82 Sample ID: 1807

Benthic infauna abundance AET.

BERYLLIUM 0.51 PPM DRY 1.02 *

Survey: TPPS3AB Station: WP-05

=====

Date: 03/15/82 Sample ID: 1810

Benthic infauna abundance AET.

N-NITROSO DIPHENYLAMINE 490 PPB DRY 17.50

Survey: TPPS3AB Station: WP-11

=====

Date: 03/15/82 Sample ID: 1789

Benthic infauna abundance AET.

ANTHRACENE	10000	PPB	DRY	2.27
BENZO(A)ANTHRACENE	15000	PPB	DRY	2.94
BENZO(A)PYRENE	23000	PPB	DRY	6.39
BENZO(G,H,I)PERYLENE	11000	PPB	DRY	4.23
CHRYSENE	35000	PPB	DRY	3.80
FLUORANTHENE	71000	PPB	DRY	2.96
FLUORENE	4800	PPB	DRY	4.80
POLYCYCLIC AROMATIC HYDROCARBON-HEAVY	360000	PPB	DRY	5.22
POLYCYCLIC AROMATIC HYDROCARBON-LIGHT	55000	PPB	DRY	4.23
POLYCHLORINATED BIPHENYLS	1100	PPB	DRY	1.10
PHENANTHRENE	34000	PPB	DRY	6.30
PYRENE	63000	PPB	DRY	3.94
TOTAL BENZOFLUORANTHENES (B + K)	130000	PPB	DRY	13.13
ACENAPHTHENE	1300	PPB	DRY	1.78
ACENAPHTHYLENE	2300	PPB	DRY	1.77
INDENO(1,2,3-CD)PYRENE	9100	PPB	DRY	3.50

Date: 07/15/82 Sample ID: 2087

Benthic infauna abundance AET.

BENZO(A)PYRENE	6800	PPB	DRY	1.89
BENZO(G,H,I)PERYLENE	5400	PPB	DRY	2.08
DIBENZO(A,H)ANTHRACENE	1200	PPB	DRY	1.24
INDENO(1,2,3-CD)PYRENE	5200	PPB	DRY	2.00

Survey: TPPS3AB Station: WP-14

=====

Date: 07/15/82 Sample ID: 2085

Benthic infauna abundance AET.

DI-N-OCTYL PHTHALATE	69000	PPB	DRY	11.13
N-NITROSO DIPHENYLAMINE	63	PPB	DRY	2.25

APPENDIX G

COMPARISON OF 1986 AND 1988 AET USING INDEPENDENT PSDDA DATA

COMPARISON OF 1986 AND 1988 AET USING INDEPENDENT PSDDA DATA

The predictive reliability values for 1986 and 1988 AET described in Sections 3.1 and 3.2 of the main report (Volume I) were compared using independent chemical and amphipod bioassay data collected in four recent PSDDA dredging studies at a total of 46 stations. The PSDDA marine/estuarine surveys were conducted in Oak Harbor, Port Gardner, and Duwamish River. An additional PSDDA study in the Duwamish River (COEDUWAM; 6 amphipod bioassay stations) was not used because only data for conventional variables (e.g., grain size, total organic carbon) were available. The purpose of this test was to further assess how the predictive sensitivity and efficiency of the AET change after doubling the size of the database for amphipod bioassay data (to 287 Puget Sound stations).

After review of the available PSDDA data, two major limitations were identified that restricted the evaluation of AET reliability. First, adverse biological impacts could only be assumed to occur when amphipod mortality exceeded 25 percent; individual replicate data required to make a statistical analysis of the significance of the amphipod bioassays were not available. Second, only a limited range of contaminants (e.g., metals, PAH, some chlorinated compounds) were analyzed in these studies; hence comparisons are based on comparisons to a limited number of AET. The most comprehensive data are from the NOADW86 survey; all available data from this survey were used in the evaluation. However, PAH data for the remaining PSDDA surveys were based on analytical procedures that do not conform with PSEP/PSDDA recommendations or with quality assurance screening criteria established for SEDQUAL data [i.e., the particular analytical procedure used does not remove PAH interferences by fatty acids, fatty acid methyl esters, and other naturally-occurring compounds such as hydrochrysenes and hydropicenes (Barrick et al. 1983), and gas chromatography/mass spectroscopy analyses that could be used to confirm the quantitative results were not reported]. Hence, PAH data from the Oak Harbor and Port Gardner surveys were not used.

Results of the comparisons for both sets of AET and data from the marine PSDDA surveys are presented in Table G-1. Predictions based on either 1986 or 1988 Puget Sound AET for PSDDA chemicals of concern were 100 percent efficient (including the Port Gardner survey in which no amphipod impacts were observed or predicted). The 50 percent sensitivity of amphipod bioassay AET in predicting impacts in the NOADW86 survey of the Duwamish River was comparable to that observed in previous Duwamish River surveys (see Figure 6 in Volume I). The low (0 percent) sensitivity for the Oak Harbor survey may be attributed in part to the small number of chemical classes (only metals and PCBs) used in the evaluation.

**TABLE G-1. RELIABILITY OF 1986 AND 1988 PUGET SOUND AET
IN PREDICTING EFFECTS FOR INDEPENDENT PSDDA SURVEYS**

Survey	<u>1986 Puget Sound AET</u>		<u>1988 Puget Sound AET</u>	
	Sensitivity	Efficiency	Sensitivity	Efficiency
NOADW86 ^a	50% (1/2)	100% (1/1)	50% (1/2)	100% (1/1)
OAKHRBR	0% (0/3)	100% ^b	0% (0/3)	100% ^b
PTGARQC	(no impacts)	100% ^b	(no impacts)	100% ^b

NOTE: Observed adverse effects based on amphipod bioassay results are only qualitative estimates because statistical analyses were not possible).

^a NOADW86 results exclude predictions based on sulfides. The sulfides AET was exceeded for all impacted and nonimpacted stations including a concentration of 18,000 ppm at nonimpacted station CE1 that anomalously exceeded the AET by a factor of 95.

^b No stations were predicted to be impacted at the OAKHARBR and PTGARQC surveys based on available chemical data, resulting in 100 percent efficiency.

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
530 CHICAGO HALL
CHICAGO, ILLINOIS 60637