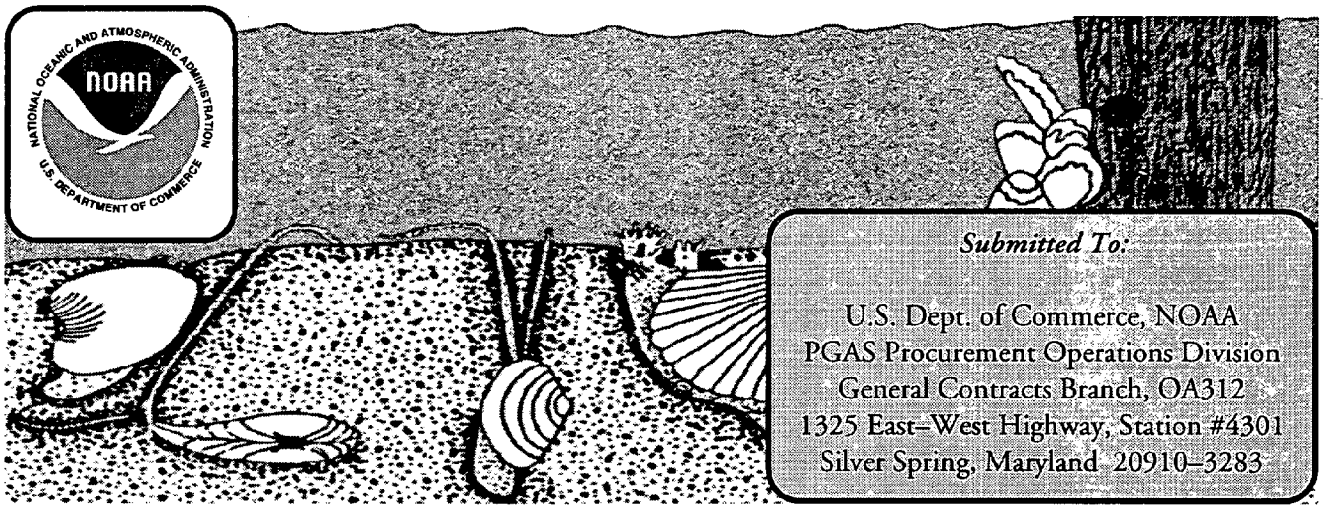
NOAA National Status & Trends
Mussel Watch Program
Analytical Data Report
Year IX

The Geochemical & Environmental Research Group



Submitted To:

U.S. Dept. of Commerce, NOAA
PGAS Procurement Operations Division
General Contracts Branch, OA312
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Silver Spring, Maryland 20910-3283

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SEPTEMBER 1995

NOAA Status and Trends
Mussel Watch Project - Year 9
Analytical Data

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MUSSEL WATCH PROJECT

Field Station Data

Mussel Watch Project Year 9 - Field Station Data

Site	Rep. No.	Location Name	Latitude	Longitude	Type	Date (M/D/Y)	Collect. Method	Bottom Type	Scientist	Species	Depth (m)	Temp (°C)	Salinity (0/00)	High Water (Local	Low Water Time)	Tidal Reference	Tidal Horizon
LMSB	1	South Bay, Lower Laguna Madre	26°02'46"	97°10'29"	B	12/9/93	H	N	Fay	*C. virginica*	0.3	19	31	15:27	6:00	Pt. Isabel	0.34
LMPI	1	Port Isabel, Lower Laguna Madre	26°04'37"	97°12'03"	B	12/8/93	H	N	Fay	*C. virginica*	0.5	21	29	14:09	5:13	Pt. Isabel	0.34
LMAC	1	Arroyo Colorado, Lower Laguna Madre	26°16'48"	97°17'18"	B	12/8/93	H	HNG	Fay	*C. virginica*	0.3	22	30	22:49	4:10	Padre Is.	0.34
CCNB	1	Nueces Bay, Corpus Christi	27°51'10"	97°21'33"	B	12/14/93	H	SM	Wilson	*C. virginica*	0.2	13	32	18:50	10:38	Aransas P.	0.65
ABLR	1	Long Reef, Aransas Bay	28°02'58"	96°56'46"	B	12/16/93	D	MNSG	Jobling	*C. virginica*	0.5	16	23	20:06	12:07	Aransas P.	0.50
MBAR	1	Ayres Reef, Mesquite Bay	28°10'09"	96°49'57"	B	12/15/93	H		Wilson	*C. virginica*	0.1	13	24	19:30	11:23	Aransas P.	0.58
SAPP	1	Panther Point Reef, San Antonio Bay	28°14'00"	96°42'33"	B	12/15/93	D	S	Jobling	*C. virginica*	1.5	15	24	19:30	11:23	Pt. O'Con.	0.20
ESSP	1	South Pass Reef, Espiritu Santo	28°17'54"	96°37'20"	B	12/16/93	HD	R	Wilson	*C. virginica*	0.5	17	24	20:06	12:07	Pt. O'Con.	0.17
ESBD	1	Bill Day's Reef, Espiritu Santo	28°24'51"	96°26'16"	B	12/16/93	H	SNA	Wilson	*C. virginica*	0.3	16	30	20:06	12:07	Pt. O'Con.	0.17
MBGP	1	Gallinipper Point, Matagorda Bay	28°35'15"	96°34'10"	B	12/14/93	D	SMH	Jobling	*C. virginica*	2.0	15	25	18:50	10:38	Pt. Lavaca	0.32
MBCB	1	Carancahua Bay, Matagorda Bay	28°39'24"	96°23'11"	B	12/14/93	H	SR	Jobling	*C. virginica*	0.3	15	25	18:50	10:38	Pt. Lavaca	0.32
BRCL	1	Cedar Lakes, Brazos River	28°51'30"	95°27'50"	B	12/7/93	H	R	Wilson	*C. virginica*	0.3	18	22	22:01	4:06	Freeport	0.34
GBTD	1	Todd's Dump, Galveston Bay	29°30'04"	94°53'49"	B	12/8/93	D	SM	Jobling	*C. virginica*	1.5	16	13	23:46	6:36	Texas City	0.35
GBOB	1	Offats Bayou, Galveston Bay	27°17'05"	94°50'09"	B	12/8/93	H	B	Wilson	*C. virginica*	0.5	17	21	23:13	5.55	Galveston	0.35
GBSC	1	Ship Channel, Galveston Bay	29°42'16"	94°59'35"	B	12/7/93	D	SM	Jobling	*C. virginica*	1.5	16	12	23:16	5:49	Texas City	0.25
SLBB	1	Blue Buck Point, Sabine Lake	29°47'30"	93°54'25"	B	12/9/93	D	SM	Wilson	*C. virginica*	1.5	16	11	13:25	5:27	Sabine	0.64
CLLC	1	Lake Charles, Calcasieu Lake	30°03'25"	93°18'25"	B	12/9/93	H	SM	Wilson	*C. virginica*	0.5	18	12	12:31	5:43	Mermentau	0.85
VBSP	1	Southwest Pass, Vermillion Bay	29°34'36"	92°02'45"	B	1/11/94	D	SMH	Jobling	*C. virginica*	2.0	8	3	17:09	9:09	SW Pass	0.71
CLCL	1	Caillou Lake, Caillou Lake	29°15'15"	90°55'48"	B	1/12/94	D	SM	Jobling	*C. virginica*	2.0	10	10	22:11	9:31	Caillou	0.55
TBLF	1	Lake Felicity, Terrebonne Bay	29°15'48"	90°24'24"	B	1/11/94	H	SM	Wilson	*C. virginica*	0.5	15	15	21:07	8:26	Timbalier	0.55
MRPL	1	Pass a Loutre, Mississippi River	29°04'52"	89°05'32"	B	1/14/94	D	MS	Jobling	*C. virginica*	1.5	8	2	19:40	7:49	P-a-Loutre	0.34
BSSI	1	Sable Island, Breton Sound	29°24'07"	89°29'06"	B	1/13/94	D	MS	Jobling	*C. virginica*	1.0	10	1	23:33	9:50	Breton S.	0.42
LBMP	1	Malheureux Point, Lake Borgne	29°52'01"	89°40'42"	B	1/14/94	H	SM	Wilson	*C. virginica*	0.4	10	6	20:40	9:36	N. Orleans	0.22
LBNO	1	New Orleans, Lake Borgne	29°56'36"	89°50'06"	B	1/14/94	H	SMP	Wilson	*C. virginica*	0.2	9	7	20:40	9:36	N. Orleans	0.22
MSPC	1	Pass Christian, Mississippi Sound	30°18'07"	89°19'40"	B	1/15/94	D	NSH	Jobling	*C. virginica*	2.5	6	18	11:02	22:09	Bay S. Lou	0.46
MSPB	1	Pascagoula Bay, Mississippi Sound	30°20'02"	88°36'06"	B	1/15/94	D	SR	Jobling	*C. virginica*	1.5	11	18	9:29	19:57	Pascagoula	0.42
MBCP	1	Cedar Point Reef, Mobile Bay	30°18'42"	88°08'00"	B	1/15/94	H	NS	Wilson	*C. virginica*	1.2	11	20	1:59	11:28	Mobile	0.30
MBHI	1	Hollingers Is. Channel, Mobile Bay	30°33'48"	88°04'30"	B	1/15/94	D	MSN	Wilson	*C. virginica*	2.0	9	7	1:59	11:28	Mobile	0.30
PBPH	1	Public Harbor, Pensacola Bay	30°24'38"	87°11'25"	B	1/16/94	H	N	Wilson	*C. virginica*	0.5	10	24	0:52	10:07	Pensacola	0.52
PBIB	1	Indian Bayou, Pensacola Bay	30°31'00"	87°06'42"	B	1/16/94	D	SM	Wilson	*C. virginica*	2.0	11	23	0:52	10:07	Pensacola	0.52
CBJB	1	Joe's Bayou, Choctawhatchee Bay	30°24'37"	86°29'27"	B	1/17/94	H	SBRM	Wilson	*C. virginica*	0.5	11	24	16:54	10:26	Destin	0.13
CBBL	1	Ben's Lake, Choctawhatchee Bay	30°27'09"	86°28'44"	B	1/17/94	H	CB	Wilson	*C. virginica*	0.5	13	25	16:54	10:26	Destin	0.13
CBPP	1	Postil Point, Choctawhatchee Bay	30°28'51"	86°28'44"	B	1/16/94	H	B	Jobling	*C. virginica*	0.3	6	24	0:25	11:27	Destin	0.24
CBBB	1	Boggy Bayou, Choctawhatchee Bay	30°30'11"	86°29'39"	B	1/16/94	H	E	Jobling	*C. virginica*	0.5	7	17	0:25	11:27	Destin	0.24
PCLO	1	Little Oyster Bar, Panama City	30°15'11"	85°40'57"	B	1/17/94	H	M	Jobling	*C. virginica*	0.2	12	10	17:15	9:26	Lyn Haven	0.34

Bottom Type: A=Algae, B=Rubble, C=Clay, E=Concrete, G=Grass, H=Hash, K=Kelp, M=Mud, N=Sand, P=Peat, R=Reef, S=Shell, T=Roots
Collection Method: D=Dredge, H=Hand, R=Rake, T=Tongs
Sample Type: B=Bivalve, S=Sediment

Mussel Watch Project Year 9 - Field Station Data

Site	Rep. No.	Location Name	Latitude	Longitude	Type	Date (M/D/Y)	Collect. Method	Bottom Type	Scientist	Species	Depth (m)	Temp (°C)	Salinity (0/00)	High Water (Local	Low Water Time)	Tidal Reference	Tidal Horizon
AESP	1	Spring Creek, Apalachee Bay	30°03'45"	84°19'22"	B	1/18/94	H	SR	Wilson	*C. virginica*	0.5	15	13	17:58	0:15	Bald Pt.	0.57
CKBP	1	Black Point, Cedar Key	29°12'17"	83°04'20"	B	1/19/94	H	MSR	Wilson	*C. virginica*	1.0	4	19	17:47	0:20	Cedar Key	0.69
TBOT	1	Old Tampa Bay, Tampa Bay	28°01'29"	82°37'57"	B	1/20/94	H	NSR	Wilson	*C. virginica*	0.2	13	2	21:33	4:45	Safety H.	0.67
TBPB	1	Papys Bayou, Tampa Bay	27°50'32"	82°36'37"	B	1/20/94	H	SR	Wilson	*C. virginica*	0.5	14	28	19:55	2:50	St. Peters.	0.55
TBHB	1	Hillsborough, Tampa Bay	27°51'17"	82°23'45"	B	1/21/94	H		Wilson	*C. virginica*	0.6	15	15	20:53	4:30	Hillsbrgh.	0.75
TBMK	1	Mullet Key Bayou, Tampa Bay	27°37'17"	82°43'37"	B	1/21/94	H		Wilson	*C. virginica*	0.5	15	33	18:37	3:20	St. Pete B.	0.52
TBKA	1	Knights Airport, Tampa Bay	27°54'31"	82°27'16"	B	1/20/94	H	NBH	Fay	*C. virginica*	0.2	14	30	20:02	3:16	Hillsbrgh.	0.67
TBNP	1	Navarez Park, Tampa Bay	27°47'17"	82°45'17"	B	1/20/94	H	N	Wilson	*C. virginica*	0.3	12	32	18:15	1:32	Madeira B.	0.55
CBBI	1	Bird Island, Charlotte Harbor	26°30'44"	82°02'11"	B	1/21/94	D	SR	Fay	*C. virginica*	0.8	16	26	20:27	4:30	Pineland	0.50
RBHC	1	Henderson Creek, Rookery Bay	26°01'30"	81°44'12"	B	1/21/94	H	SN	Fay	*C. virginica*	0.4	18	34	19:23	2:34	Marco	0.51
FBFO	1	Flamingo, Florida Bay	25°08'16"	80°55'15"	SB	1/25/94	H	N	Wilson	*C. virginica*	1.0	20	35	1:02	9:49	Flamingo	0.88
FBFO	2	Flamingo, Florida Bay	25°08'16"	80°55'15"	SB	1/25/94	H	N	Wilson	*C. virginica*	1.0	20	35	1:02	9:49	Flamingo	0.88
FBFO	3	Flamingo, Florida Bay	25°08'16"	80°55'15"	SB	1/25/94	H	N	Wilson	*C. virginica*	1.0	20	35	1:02	9:49	Flamingo	0.88
FBJB	1	Joe Bay, Florida Bay	25°12'32"	80°32'00"	SB	1/25/94	H	NG	Wilson	*C. virginica*	1.0	23	30	1:02	9:49	Flamingo	0.88
FBJB	2	Joe Bay, Florida Bay	25°12'32"	80°32'00"	SB	1/25/94	H	NG	Wilson	*C. virginica*	1.0	23	30	1:02	9:49	Flamingo	0.88
FBJB	3	Joe Bay, Florida Bay	25°12'32"	80°32'00"	SB	1/25/94	H	NG	Wilson	*C. virginica*	1.0	23	30	1:02	9:49	Flamingo	0.88
BHKF	1	Bahia Honda, Florida	24°39'31"	81°16'26"	B	1/19/94	H	NGP	Fay	*C. virginica*	0.5	20	35	14:00	7:42	B.Honda K	0.29
PRBB	1	Bahia de Boqueron, Puerto Rico	18°00'26"	67°10'43"	B	2/14/94	H	M	Wilson	*C. virginica*	0.3	25	35	10:50	17:16	San Juan	0.33
PRBM	1	Bahia Montalva, Puerto Rico	17°58'14"	66°59'26"	B	2/13/94	H	TB	Wilson	*C. virginica*	0.3	26	36	2:58	6:57	San Juan	0.37
PRBJ	1	Bahia de Jobos, Puerto Rico	17°56'20"	66°10'57"	B	2/15/94	H	TN	Wilson	*C. virginica*	0.3	26	36	0:23	7:56	San Juan	0.30

Bottom Type: A=Algae, B=Rubble, C=Clay, E=Concrete, G=Grass, H=Hash, K=Kelp, M=Mud, N=Sand, P=Peat, R=Reef, S=Shell, T=Roots
Collection Method: D=Dredge, H=Hand, R=Rake, T=Tongs
Sample Type: B=Bivalve, S=Sediment

Hydrocarbon Results

PAH Data
(Tissue)

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	LMSB		LMPI		LMAC		CCNB		ABLR	
ID	L. Laguna Madre		L. Laguna Madre		L. Laguna Madre		Corpus Christi		Aransas Bay	
SITE	South Bay		Port Isabel		Arroyo Colorado		Nueces Bay		Long Reef	
LABSAMNO	K8008		K8016		K8012		K8018		K8032	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/10/93		12/10/93		12/10/93		12/16/93		12/17/93	
QCBATCH	M1410		M1410		M1410		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/21/94		07/21/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/04/94		09/04/94		09/04/94		09/04/94		09/04/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.23		10.02		10.15		10.03		10.05	
DRYWT	1.06		1.32		1.70		2.21		1.65	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	10.3%		13.2%		16.7%		22.0%		16.4%	
Lipid Weight										
% LIPIDS	4.11		3.28		10.92		2.04		18.74	
Surrogate Recoveries										
NAPHD8	50.8		48.7		48.1		54.3		55.4	
ACEND10	54.9		51.3		53.6		60.4		60.2	
PHEND10	59.7		55.4		58.9		65.7		58.0	
CHRYD12	65.5		60.1		66.0		75.7		67.3	
PERYD12	21.9		20.3		12.1	Q	10.6	Q	9.6	Q
NAPHTHALENE *	20.3		18.9		54.4		14.0		14.2	
C1-NAPHTHALENES	15.9	J	15.7		30.4		13.0		10.9	
C2-NAPHTHALENES	18.2		21.1		20.3		16.4		29.0	
C3-NAPHTHALENES	35.9		51.1		48.6		33.7		91.4	
C4-NAPHTHALENES	17.9	J	56.1		51.4		28.9		110.9	
BIPHENYL *	5.9	J	4.9	J	26.8		4.1	J	6.8	J
ACENAPHTHYLENE	1.3	J	2.2	J	2.9	J	2.6	J	2.4	J
ACENAPHTHENE *	1.3	J	13.1		8.9		5.5		1.6	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	LMSB		LMPI		LMAC		CCNB		ABLR	
ID	L. Laguna Madre		L. Laguna Madre		L. Laguna Madre		Corpus Christi		Aransas Bay	
SITE	South Bay		Port Isabel		Arroyo Colorado		Nueces Bay		Long Reef	
LABSAMNO	K8008		K8016		K8012		K8018		K8032	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	2.7	J	13.1		13.8		7.9		4.8	J
C1-FLUORENES	18.2	J	23.9		24.1		20.1		35.2	
C2-FLUORENES		ND		ND	86.7			ND		ND
C3-FLUORENES		ND		ND	136.1			ND		ND
PHENANTHRENE *	14.6		85.8		88.7		52.2		33.3	
ANTHRACENE *	2.3	J	9.8		6.7		6.8		4.4	J
C1-PHEN_ANTHR	16.5		66.8		59.8		29.1		82.1	
C2-PHEN_ANTHR	27.4		87.3		41.4		31.0		114.0	
C3-PHEN_ANTHR	29.2		111.5		55.6		37.6		78.9	
C4-PHEN_ANTHR	12.8	J	39.0		17.5		15.4		31.1	
DIBENZOTHIO	0.9	J	6.1		4.2		3.4		2.8	
C1-DIBEN	4.2	J	13.3		7.6		10.3		18.7	
C2-DIBEN	9.9		33.5		23.6		17.1		41.6	
C3-DIBEN	13.3		42.8		16.4		22.1		28.1	
FLUORANTHENE *	19.8		513.9		249.5		88.9		7.0	
PYRENE *	10.9		207.5		140.7		52.0		8.0	
C1-FLUORAN_PYR	10.2		134.5		74.6		48.8		14.8	
BENaANTHRACENE *	2.7	J	95.2		24.7		13.0		1.2	J
CHRYSENE *	7.8		95.0		52.8		36.5		3.6	J
C1-CHRYSENES	3.1	J	16.6		6.9	J	7.3		3.2	J
C2-CHRYSENES	3.3	J	4.0	J	2.6	J	5.1	J	4.4	J
C3-CHRYSENES		ND		ND	1.2	J		ND		ND
C4-CHRYSENES		ND		ND	2.1	J		ND		ND
BENb/BENkFLUORAN	6.7		42.4		18.9		16.0		2.9	
BENePYRENE *	3.3		17.6		11.3		8.6		1.7	
BENaPYRENE *	1.1	J	2.2	J	2.4	J	1.2	J	0.5	J
PERYLENE *	2.0	J	3.7	J	4.7		3.7		4.0	
I123cdPYRENE	1.4	J	3.3		2.0		1.3		0.6	J
DBahANTHRA *	0.7	J	0.9	J	0.8	J	0.6	J	0.4	J
BghiPERYLENE	1.8	J	4.1		2.2		1.9		0.9	J
TOTAL PAHs	343.3	0.0	1856.7	0.0	1423.1	0.0	655.9	0.0	795.0	0.0
S&T Total PAHs (*)	125.0		1125.6		741.5		326.7		153.7	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	LMSB		LMPI		LMAC		CCNB		ABLR	
ID	L. Laguna Madre		L. Laguna Madre		L. Laguna Madre		Corpus Christi		Aransas Bay	
SITE	South Bay		Port Isabel		Arroyo Colorado		Nueces Bay		Long Reef	
LABSAMNO	K8008		K8016		K8012		K8018		K8032	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	8.8	J	8.7		16.8		8.5		6.5	
1-METHYLNAPH *	7.1		7.0		13.6		4.5		4.5	
2,6-DIMETHNAPH *	10.1		10.9		10.6		9.2		18.0	
1,6,7-TRIMETHNAPH *	1.7	J	4.7	J	4.2	J	3.1	J	16.4	
1-METHYLPHEN *	2.1	J	12.7		10.1		6.6		17.0	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	ABLR		MBAR		SAPP		ESSP		ESBD	
ID	Aransas Bay		Mesquite Bay		San Antonio Bay		Espiritu Santo		Espiritu Santo	
SITE	Long Reef		Ayres Reef		Panther Point Reef		South Pass Reef		Bill Day's Reef	
LABSAMNO	K8032		K8020		K8026		K8030		K8028	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/17/93		12/16/93		12/16/93		12/17/93		12/17/93	
QCBATCH	M1410		M1410		M1410		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/21/94		07/21/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/04/94		09/04/94		09/04/94		09/04/94		09/04/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.05		10.02		10.02		10.02		10.04	
DRYWT	1.65		1.37		1.81		1.90		1.28	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	16.4%		13.7%		18.0%		18.9%		12.8%	
Lipid Weight										
% LIPIDS	18.74		10.87		15.31		14.93		6.24	
Surrogate Recoveries										
NAPHD8	55.4		57.9		51.0		54.9		52.3	
ACEND10	60.2		57.6		54.8		63.7		57.9	
PHEND10	58.0		59.2		55.2		61.4		60.4	
CHRYD12	67.3		59.0		64.6		70.3		72.5	
PERYD12	9.6	Q	16.1	Q	11.2	Q	8.1	Q	22.6	
NAPHTHALENE *	14.2		23.4		16.6		14.7		14.4	
C1-NAPHTHALENES	10.9		15.9		19.7		11.3		11.9	J
C2-NAPHTHALENES	29.0		30.9		15.6		11.6		11.5	J
C3-NAPHTHALENES	91.4		52.4		26.8		24.4		31.6	
C4-NAPHTHALENES	110.9		61.2		9.9	J	21.4		18.3	
BIPHENYL *	6.8	J	9.5	J	7.2	J	4.6	J	4.0	J
ACENAPHTHYLENE	2.4	J	2.9	J	2.4	J	2.3	J	1.5	J
ACENAPHTHENE *	1.6	J	1.4	J	0.9	J	1.5	J	0.8	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	ABLR		MBAR		SAPP		ESSP		ESBD	
ID	Aransas Bay		Mesquite Bay		San Antonio Bay		Espiritu Santo		Espiritu Santo	
SITE	Long Reef		Ayres Reef		Panther Point Reef		South Pass Reef		Bill Day's Reef	
LABSAMNO	K8032		K8020		K8026		K8030		K8028	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	4.8	J	6.1	J	4.6	J	3.6	J	2.1	J
C1-FLUORENES	35.2		32.1		17.1		17.7		17.3	J
C2-FLUORENES	173.4			ND		ND		ND		ND
C3-FLUORENES	216.9			ND		ND		ND		ND
PHENANTHRENE *	33.3		37.9		23.3		16.3		13.7	
ANTHRACENE *	4.4	J	4.1	J	2.3	J	1.7	J	1.8	J
C1-PHEN_ANTHR	82.1		25.5		14.2		11.8		10.1	J
C2-PHEN_ANTHR	114.0		33.4		23.1		25.0		21.6	
C3-PHEN_ANTHR	78.9		43.0		21.8		33.9		17.9	
C4-PHEN_ANTHR	31.1		11.2	J	11.4		11.3			ND
DIBENZOTHIO	2.8		1.8	J	1.2	J	0.9	J	0.9	J
C1-DIBEN	18.7		10.9		3.7	J	3.4	J	4.7	J
C2-DIBEN	41.6		25.0		7.5		8.3		8.5	
C3-DIBEN	28.1		20.3		10.1		10.6		7.4	
FLUORANTHENE *	7.0		42.5		6.2		5.2		5.7	
PYRENE *	8.0		24.6		5.3		4.6		4.3	
C1-FLUORAN_PYR	14.8		21.1		5.2		4.3		4.0	J
BENaANTHRACENE *	1.2	J	8.5		0.7	J	0.6	J	0.9	J
CHRYSENE *	3.6	J	16.3		3.1	J	3.0	J	2.8	J
C1-CHRYSENES	3.2	J	6.1	J	1.6	J	1.5	J	1.9	J
C2-CHRYSENES	4.4	J	9.0	J	3.1	J	2.9	J	3.7	J
C3-CHRYSENES		ND		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND		ND
l BENb/BENkFLUORAN	2.9		16. 6		3.3		2.3		2.7	
BENePYRENE *	1.7		8.4		2.1		1.3	J	1.7	J
BENaPYRENE *	0.5	J	2.9	J	0.6	J	0.4	J	0.5	J
PERYLENE *	4.0		10.9		4.5		4.4		1.6	J
I123cdPYRENE	0.6	J	3.2		0.7	J	0.4	J	0.6	J
DBahANTHRA *	0.4	J	2.6	J	0.4	J	0.3	J	0.4	J
BghiPERYLENE	0.9	J	3.4		1.2	J	0.7	J	1.0	J
TOTAL PAHs	1185.3	0.0	608.0	0.0	277.4	0.0	268.3	0.0	231.9	0.0
S&T Total PAHs (*)	153.7		244.2		109.7		86.0		76.9	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	ABLR		MBAR		SAPP		ESSP		ESBD	
ID	Aransas Bay		Mesquite Bay		San Antonio Bay		Espiritu Santo		Espiritu Santo	
SITE	Long Reef		Ayres Reef		Panther Point Reef		South Pass Reef		Bill Day's Reef	
LABSAMNO	K8032		K8020		K8026		K8030		K8028	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	6.5		9.7		13.0		6.8		6.9	J
1-METHYLNAPH *	4.5		6.1		6.8		4.5		5.0	J
2,6-DIMETHNAPH *	18.0		15.2		8.2		8.3		6.8	
1,6,7-TRIMETHNAPH *	16.4		8.2		1.9	J	2.0	J	1.7	J
1-METHYLPHEN *	17.0		5.9	J	2.1	J	2.2	J	1.7	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	MBGP		MBCB		BRCL		GBTD		GBOB	
ID	Matagorda Bay		Matagorda Bay		Brazos River		Galveston Bay		Galveston Bay	
SITE	Gallinipper Point		Carancahua Bay		Cedar Lakes		Todd's Dump		Offats Bayou	
LABSAMNO	K8024		K8022		K8004		K8000		K8006	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/16/93		12/16/93		12/09/93		12/09/93		12/09/93	
QCBATCH	M1410		M1410		M1410		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/21/94		07/21/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/04/94		09/04/94		09/03/94		09/03/94		09/04/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.04		10.05		10.31		10.38		10.22	
DRYWT	1.65		1.30		1.43		2.06		2.03	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	16.4%		13.0%		13.8%		19.9%		19.9%	
Lipid Weight										
% LIPIDS	14.69		11.50		4.41		13.00		12.13	
Surrogate Recoveries										
NAPHD8	50.1		54.6		47.3		54.9		47.5	
ACEND10	57.9		60.1		58.6		60.5		53.2	
PHEND10	59.1		52.6		58.4		65.6		55.7	
CHRYD12	69.8		67.1		67.6		72.8		66.3	
PERYD12	11.4	Q	17.1	Q	14.9	Q	18.7	Q	16.2	Q
NAPHTHALENE *	13.8		13.9		17.4		12.4		12.5	
C1-NAPHTHALENES	9.7	J	12.2	J	15.8		14.5		10.8	
C2-NAPHTHALENES	10.8		27.2		18.8		22.2		22.5	
C3-NAPHTHALENES	34.8		154.0		60.8		111.9		47.8	
C4-NAPHTHALENES	28.5		252.1		77.8		134.9		59.3	
BIPHENYL *	4.7	J	4.5	J	6.2	J	5.9	J	3.7	J
ACENAPHTHYLENE	1.6	J	10.3		15.9		3.5	J	7.7	
ACENAPHTHENE *	3.1	J	2.2	J	1.4	J	0.7	J	20.8	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	MBGP		MBCB		BRCL		GBTD		GBOB	
ID	Matagorda Bay		Matagorda Bay		Brazos River		Galveston Bay		Galveston Bay	
SITE	Gallinipper Point		Carancahua Bay		Cedar Lakes		Todd's Dump		Offats Bayou	
LABSAMNO	K8024		K8022		K8004		K8000		K8006	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	3.1	J	6.1	J	4.2	J	5.4	J	11.8	
C1-FLUORENES	24.1		42.0		27.0		38.7		37.6	
C2-FLUORENES		ND	124.3		88.8		154.7		117.9	
C3-FLUORENES		ND	216.4		185.4		161.0		144.3	
PHENANTHRENE *	23.2		51.3		20.4		15.5		55.7	
ANTHRACENE *	6.8		7.0		5.9		9.3		18.2	
C1-PHEN_ANTHR	23.0		48.3		37.9		81.9		75.9	
C2-PHEN_ANTHR	53.6		100.6		74.1		144.8		98.6	
C3-PHEN_ANTHR	65.4		93.6		121.2		154.3		115.8	
C4-PHEN_ANTHR	35.9		48.4		64.0		60.7		56.0	
DIBENZOTHIO	1.6	J	5.9		2.3	J	2.6		4.4	
C1-DIBEN	4.0	J	19.1		8.9		16.0		7.7	
C2-DIBEN	24.7		53.1		39.0		49.9		43.7	
C3-DIBEN	25.0		67.7		60.9		62.2		53.5	
FLUORANTHENE *	34.6		78.9		29.7		4.5		165.8	
PYRENE *	18.2		45.2		41.8		5.9		117.0	
C1-FLUORAN_PYR	21.2		41.9		46.8		21.1		115.6	
BENaANTHRACENE *	5.6		10.6		6.6		1.5		47.0	
CHRYSENE *	13.1		28.6		16.0		9.7		74.6	
C1-CHRYSENES	5.4	J	7.7	J	22.9		9.3		26.9	
C2-CHRYSENES	3.0	J	4.4	J	11.5		8.3		16.7	
C3-CHRYSENES		ND		ND	2.8	J		ND	2.0	J
C4-CHRYSENES		ND		ND	3.2	J		ND	7.0	J
1 BENb/BENkFLUORAN	13.9		15.5		15.9		4.3		69.3	
BENePYRENE *	6.3		7.8		11.0		3.7		31.9	
BENaPYRENE *	1.0	J	1.0	J	2.9	J	0.9	J	7.4	
PERYLENE *	23.8		5.2		8.0		2.2	J	5.7	
I123cdPYRENE	2.2		1.5		3.3		0.9		9.1	
DBahANTHRA *	0.6	J	0.8	J	1.3	J	0.6	J	2.9	
BghiPERYLENE	2.8		1.8	J	7.6		1.6		13.0	
TOTAL PAHs	549.0	0.0	1610.8	0.0	1185.3	0.0	1337.4	0.0	1738.2	0.0
S&T Total PAHs (*)	182.7		326.0		213.0		143.4		617.4	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	MBGP		MBCB		BRCL		GBTD		GBOB	
ID	Matagorda Bay		Matagorda Bay		Brazos River		Galveston Bay		Galveston Bay	
SITE	Gallinipper Point		Carancahua Bay		Cedar Lakes		Todd's Dump		Offats Bayou	
LABSAMNO	K8024		K8022		K8004		K8000		K8006	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	5.6	J	7.1	J	9.9		10.8		6.9	
1-METHYLNAPH *	4.1	J	5.1	J	5.9		3.7		3.9	
2,6-DIMETHNAPH *	7.6		12.4		10.4		12.6		12.0	
1,6,7-TRIMETHNAPH *	2.9	J	25.6		6.5	J	21.0		6.1	
1-METHYLPHEN *	4.5	J	12.8		7.6		17.2		13.5	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	GBSC		SLBB		CLLC		VBSP		CLCL	
ID	Galveston Bay		Sabine Lake		Calcasieu Lake		Vermillion Bay		Caillou Lake	
SITE	Ship Channel		Blue Buck Point		Lake Charles		Southwest Pass		Caillou Lake	
LABSAMNO	K8002		K8010		K8014		K8040		K8034	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/09/93		12/10/93		12/10/93		01/13/94		01/13/94	
QCBATCH	M1410		M1410		M1410		M1411		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/25/94		07/21/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/03/94		09/04/94		09/04/94		09/05/94		09/04/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	5.04		10.06		10.01		10.02		10.04	
DRYWT	0.90		1.54		2.06		0.96		1.33	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	17.8%		15.3%		20.6%		9.5%		13.2%	
Lipid Weight										
% LIPIDS	9.44		9.66		12.43		15.05		15.01	
Surrogate Recoveries										
NAPHD8	54.7		47.3		46.5		64.2		54.8	
ACEND10	61.8		57.0		53.6		60.4		62.2	
PHEND10	54.4		54.0		54.8		55.0		61.7	
CHRYD12	69.7		65.5		68.4		61.6		68.4	
PERYD12	12.4	Q	15.7	Q	12.9	Q	25.3		16.5	Q
NAPHTHALENE *	31.1		16.9		12.6		14.9		19.2	
C1-NAPHTHALENES	28.5		18.1		18.5		12.4	J	23.2	
C2-NAPHTHALENES	65.3		25.7		60.6		18.6		32.6	
C3-NAPHTHALENES	381.1		95.7		315.5		47.5		72.9	
C4-NAPHTHALENES	988.2		198.3		626.8		73.4		81.1	
BIPHENYL *	11.6	J	6.7	J	8.6		9.4	J	5.7	J
ACENAPHTHYLENE	27.6		7.5		6.4		1.4	J	1.2	J
ACENAPHTHENE *	8.4	J	3.3	J	10.4		2.3	J	2.9	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	GBSC		SLBB		CLLC		VBSP		CLCL	
ID	Galveston Bay		Sabine Lake		Calcasieu Lake		Vermillion Bay		Caillou Lake	
SITE	Ship Channel		Blue Buck Point		Lake Charles		Southwest Pass		Caillou Lake	
LABSAMNO	K8002		K8010		K8014		K8040		K8034	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	7.6	J	4.4	J	14.9		4.7	J	5.7	J
C1-FLUORENES	121.1		35.1		87.1		33.3		40.5	
C2-FLUORENES	555.7		156.0		450.1		85.5			ND
C3-FLUORENES	1103.1		241.2		555.0		211.2			ND
PHENANTHRENE *	49.6		27.9		43.4		25.2		22.9	
ANTHRACENE *	31.5		16.0		25.4		1.8	J	2.6	J
C1-PHEN_ANTHR	197.1		77.7		191.3		24.4		34.0	
C2-PHEN_ANTHR	700.0		186.7		606.1		54.5		62.9	
C3-PHEN_ANTHR	2296.9		260.0		775.6		55.4		63.6	
C4-PHEN_ANTHR	2063.8		112.8		394.5		34.8		24.7	
DIBENZOTHIO	11.1		2.4	J	13.7		3.7	J	1.9	J
C1-DIBEN	102.4		25.4		65.2		14.5		10.9	
C2-DIBEN	274.2		108.6		277.7		32.5		31.3	
C3-DIBEN	1011.0		152.6		390.1		40.9		26.9	
FLUORANTHENE *	164.3		37.5		201.8		13.6		11.9	
PYRENE *	453.2		44.6		291.8		16.4		14.0	
C1-FLUORAN_PYR	1008.9		67.4		300.0		27.7		14.8	
BENaANTHRACENE *	65.0		5.8		19.6		1.2	J	2.2	J
CHRYSENE *	238.2		17.9		90.1		4.9	J	4.2	J
C1-CHRYSENES	466.8		19.1		83.1		4.2	J	3.7	J
C2-CHRYSENES	394.6		20.7		58.6		10.4	J	5.6	J
C3-CHRYSENES	23.5		3.5	J	3.2	J		ND		ND
C4-CHRYSENES	12.0	J	3.7	J	4.3	J		ND		ND
l BENb/BENkFLUORAN	219.2		9.8		26.1		2.4		3.4	
BENePYRENE *	207.8		10.0		27.2		2.1	J	2.4	
BENaPYRENE *	22.4		1.3	J	5.4		0.4	J	0.7	J
PERYLENE *	66.5		21.8		27.4		6.7		8.4	
I123cdPYRENE	10.1		1.2		4.5		0.3	J	0.6	J
DBahANTHRA *	7.4		1.2	J	3.8		0.1	J	0.4	J
BghiPERYLENE	39.9		2.9		6.2		0.5	J	1.2	J
TOTAL PAHs	13466.4	0.0	2047.2	0.0	6102.7	0.0	892.8	0.0	640.0	0.0
S&T Total PAHs (*)	1477.3		275.1		931.6		145.7		160.3	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	GBSC		SLBB		CLLC		VBSP		CLCL	
ID	Galveston Bay		Sabine Lake		Calcasieu Lake		Vermillion Bay		Caillou Lake	
SITE	Ship Channel		Blue Buck Point		Lake Charles		Southwest Pass		Caillou Lake	
LABSAMNO	K8002		K8010		K8014		K8040		K8034	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	15.5		11.9		10.1		7.5	J	14.9	
1-METHYLNAPH *	13.0		6.2		8.5		4.9	J	8.4	
2,6-DIMETHNAPH *	17.8		10.2		22.1		11.6		16.0	
1,6,7-TRIMETHNAPH *	32.1		14.2		54.6		13.0		10.7	
1-METHYLPHEN *	34.5		17.4		54.0		5.0	J	7.2	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	TBLF		MRPL		BSSI		BSSI		LBMP	
ID	Terrebonne Bay		Mississippi River		Breton Sound		Breton Sound		Lake Borgne	
SITE	Lake Felicity		Pass a Loutre		Sable Island		Sable Island		Malheureux Point	
LABSAMNO	K8036		K8042		K8038		K8038		K8044	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/13/94		01/15/93		01/15/93		01/15/93		01/15/93	
QCBATCH	M1410		M1411		M1411		M1411		M1411	
EXTRACTION DATE	07/21/94		07/25/94		07/25/94		07/25/94		07/25/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/04/94		09/05/94		09/05/94		09/05/94		09/05/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.01		10.05		10.03		10.03		10.03	
DRYWT	1.82		0.46		0.75		0.75		0.87	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	18.2%		4.5%		7.4%		7.4%		8.6%	
Lipid Weight										
% LIPIDS	13.19		11.53		17.40		17.40		15.57	
Surrogate Recoveries										
NAPHD8	62.1		63.8		63.8		63.8		61.4	
ACEND10	65.5		60.5		57.7		57.7		63.5	
PHEND10	63.8		61.5		61.1		61.1		59.8	
CHRYD12	66.5		59.6		56.9		56.9		63.4	
PERYD12	5.4	Q	18.9	Q	19.1	Q	19.1	Q	21.2	
NAPHTHALENE *	12.1		29.3		26.2		26.2		21.6	
C1-NAPHTHALENES	10.3		39.0		27.3		27.3		14.4	J
C2-NAPHTHALENES	9.9		72.9		83.2		83.2		13.7	J
C3-NAPHTHALENES	18.2		192.0		282.3		282.3		44.2	
C4-NAPHTHALENES	21.8		278.7		468.4		468.4		47.6	
BIPHENYL *	4.5	J	9.0	J	15.5	J	15.5	J	8.2	J
ACENAPHTHYLENE	0.9	J	5.6	J	3.6	J	3.6	J	1.0	J
ACENAPHTHENE *	3.0	J	1.1	J	5.0	J	5.0	J	1.6	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	TBLF		MRPL		BSSI		BSSI		LBMP	
ID	Terrebonne Bay		Mississippi River		Breton Sound		Breton Sound		Lake Borgne	
SITE	Lake Felicity		Pass a Loutre		Sable Island		Sable Island		Malheureux Point	
LABSAMNO	K8036		K8042		K8038		K8038		K8044	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	3.5	J	10.5	J	16.5		16.5		6.0	J
C1-FLUORENES	12.7	J	87.1		106.6		106.6			ND
C2-FLUORENES		ND	230.7		251.9		251.9			ND
C3-FLUORENES		ND	551.7		502.0		502.0			ND
PHENANTHRENE *	27.8		30.3		67.6		67.6		11.6	
ANTHRACENE *	2.7	J	4.7	J	6.8	J	6.8	J	1.3	J
C1-PHEN_ANTHR	10.9		97.9		183.9		183.9		28.2	
C2-PHEN_ANTHR	30.9		549.1		627.1		627.1		39.7	
C3-PHEN_ANTHR	25.9		801.4		464.8		464.8		49.8	
C4-PHEN_ANTHR	11.0		612.3		297.7		297.7		31.5	
DIBENZOTHIO	1.3	J	4.6	J	9.5		9.5		5.6	
C1-DIBEN	4.4		53.0		54.6		54.6		6.6	J
C2-DIBEN	12.7		306.4		261.2		261.2		19.5	
C3-DIBEN	13.1		633.0		347.6		347.6		20.8	
FLUORANTHENE *	10.7		58.0		59.9		59.9		7.0	
PYRENE *	7.8		125.9		82.1		82.1		5.8	
C1-FLUORAN_PYR	8.4		168.4		119.3		119.3		16.1	
BENaANTHRACENE *	2.1		23.5		11.5		11.5		1.1	J
CHRYSENE *	6.5		72.0		63.2		63.2		4.5	J
C1-CHRYSENES	2.9	J	82.4		63.0		63.0		2.7	J
C2-CHRYSENES	3.4	J	86.0		36.1		36.1		6.2	J
C3-CHRYSENES		ND		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND		ND
I BENb/BENkFLUORAN	4.5		58.3		19.7		19.7		1.9	
BENePYRENE *	2.3		48.1		20.1		20.1		2.0	J
BENaPYRENE *	0.5	J	4.5	J	2.0	J	2.0	J	0.3	J
PERYLENE *	10.3		191.5		43.0		43.0		4.6	J
I123cdPYRENE	0.5	J	7.2		1.8	J	1.8	J	0.2	J
DBahANTHRA *	0.4	J	2.6	J	0.8	J	0.8	J	0.1	J
BghiPERYLENE	1.0	J	14.5		2.7	J	2.7	J	0.6	J
TOTAL PAHs	299.2	0.0	5543.0	0.0	4634.5	0.0	4634.5	0.0	425.8	0.0
S&T Total PAHs (*)	115.3		747.0		592.3		592.3		104.4	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	TBLF		MRPL		BSSI		BSSI		LBMP	
ID	Terrebonne Bay		Mississippi River		Breton Sound		Breton Sound		Lake Borgne	
SITE	Lake Felicity		Pass a Loutre		Sable Island		Sable Island		Malheureux Point	
LABSAMNO	K8036		K8042		K8038		K8038		K8044	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	5.7		23.5		16.4		16.4		7.8	J
1-METHYLNAPH *	4.7		15.5		10.9		10.9		6.6	J
2,6-DIMETHNAPH *	6.7		34.3		43.3		43.3		5.4	J
1,6,7-TRIMETHNAPH *	1.9	J	36.9		47.0		47.0		5.8	J
1-METHYLPHEN *	2.0	J	26.0		54.5		54.5		3.2	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	LBNO		MSPC		MSPB		MBCP		MBHI	
ID	Lake Borgne		Mississippi Sound		Mississippi Sound		Mobile Bay		Mobile Bay	
SITE	New Orleans		Pass Christian		Pascagoula Bay		Cedar Point Reef		Hollingers Is. Channel	
LABSAMNO	K8046		K8052		K8054		K8048		K8050	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/15/93		01/16/94		01/16/94		01/16/94		01/16/94	
QCBATCH	M1411		M1411		M1411		M1411		M1411	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94		07/25/94		07/25/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/05/94		09/05/94		09/05/94		09/05/94		09/05/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.02		10.01		10.02		10.02		10.03	
DRYWT	0.92		1.29		0.83		1.64		1.26	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	9.2%		12.9%		8.2%		16.4%		12.6%	
Lipid Weight										
% LIPIDS	17.06		12.58		11.65		20.34		14.78	
Surrogate Recoveries										
NAPHD8	46.1		64.2		51.7		59.6		48.2	
ACEND10	49.2		61.1		59.9		56.4		54.6	
PHEND10	44.6		53.4		55.1		54.2		52.0	
CHRYD12	44.7		62.1		66.6		64.8		63.8	
PERYD12	16.4	Q	25.8		22.2		27.6		21.5	
NAPHTHALENE *	28.5		20.4		134.0		28.5		19.1	
C1-NAPHTHALENES	17.0	J	15.7		186.2		36.7		19.9	
C2-NAPHTHALENES	23.7		10.7	J	142.9		39.8		52.7	
C3-NAPHTHALENES	40.1		30.1		210.2		54.8		112.3	
C4-NAPHTHALENES	51.5		28.2		239.9		49.4		122.7	
BIPHENYL *	6.9	J	7.4	J	11.4	J	7.8	J	6.3	J
ACENAPHTHYLENE	0.9	J	3.0	J	8.5	J	2.6	J	2.9	J
ACENAPHTHENE *	4.4	J	7.6		16.9		4.8	J	5.2	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	LBNO		MSPC		MSPB		MBCP		MBHI	
ID	Lake Borgne		Mississippi Sound		Mississippi Sound		Mobile Bay		Mobile Bay	
SITE	New Orleans		Pass Christian		Pascagoula Bay		Cedar Point Reef		Hollingers Is. Channel	
LABSAMNO	K8046		K8052		K8054		K8048		K8050	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	7.1	J	11.4		25.9		12.0		9.2	J
C1-FLUORENES		ND	18.8		56.3		31.9		40.8	
C2-FLUORENES		ND	49.1		159.0		62.0		115.4	
C3-FLUORENES		ND	115.6		381.3		183.9		296.7	
PHENANTHRENE *	21.0		53.7		126.1		41.0		54.9	
ANTHRACENE *	2.7	J	5.7	J	10.3		5.1		8.9	
C1-PHEN_ANTHR	34.7		41.6		186.9		64.3		87.9	
C2-PHEN_ANTHR	69.0		48.9		405.4		91.3		208.2	
C3-PHEN_ANTHR	61.8		52.4		368.2		85.2		141.3	
C4-PHEN_ANTHR	34.2		57.6		255.7		49.4		174.9	
DIBENZOTHIO	5.2		6.9		16.0		4.9		8.6	
C1-DIBEN	9.3		14.0		23.5		12.1		36.1	
C2-DIBEN	22.5		42.4		135.0		56.5		204.6	
C3-DIBEN	20.1		45.8		143.0		51.8		162.4	
FLUORANTHENE *	16.4		47.4		227.3		38.3		170.8	
PYRENE *	19.2		34.4		177.2		24.9		157.1	
C1-FLUORAN_PYR	21.5		37.2		168.1		36.2		123.4	
BENaANTHRACENE *	1.8	J	7.5		31.4		2.4		15.6	
CHRYSENE *	6.3	J	22.7		58.1		11.8		53.4	
C1-CHRYSENES	3.8	J	7.3	J	22.8		4.4	J	17.1	
C2-CHRYSENES	7.9	J	7.4	J	13.8	J	9.1	J	18.2	
C3-CHRYSENES		ND		ND		ND		ND	1.5	J
C4-CHRYSENES		ND		ND		ND		ND	4.0	J
BENb/BENkFLUORAN	3.0		9.3		24.9		3.6		23.3	
BENePYRENE *	2.9		5.7		12.7		3.5		18.4	
BENaPYRENE *	0.2	J	0.9	J	2.1	J	0.2	J	1.5	J
PERYLENE *	2.3	J	2.7	J	9.2		1.8	J	9.1	
I123cdPYRENE	0.9	J	1.0	J	2.3		0.4	J	1.4	J
DBahANTHRA *	0.2	J	0.3	J	0.5	J	0.1	J	0.6	J
BghiPERYLENE	1.1	J	1.6	J	3.3	J	1.0	J	3.2	
TOTAL PAHs	548.0	0.0	872.6	0.0	3996.1	0.0	1113.2	0.0	2509.8	0.0
S&T Total PAHs (*)	155.0		265.4		1175.7		267.8		615.5	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	LBNO		MSPC		MSPB		MBCP		MBHI	
ID	Lake Borgne		Mississippi Sound		Mississippi Sound		Mobile Bay		Mobile Bay	
SITE	New Orleans		Pass Christian		Pascagoula Bay		Cedar Point Reef		Hollingers Is. Channel	
LABSAMNO	K8046		K8052		K8054		K8048		K8050	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	9.7	J	9.6		121.6		24.6		11.7	
1-METHYLNAPH *	7.4	J	6.1		64.6		12.0		8.3	
2,6-DIMETHNAPH *	10.3		6.9		57.5		25.6		21.6	
1,6,7-TRIMETHNAPH *	4.6	J	4.9	J	40.7		10.6		20.0	
1-METHYLPHEN *	3.3	J	10.0		48.3		12.9		23.8	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	PBPH		PBIB		CBJB		CBBL		CBPP	
ID	Pensacola Bay		Pensacola Bay		Choctawhatchee Bay		Choctawhatchee Bay		Choctawhatchee Bay	
SITE	Public Harbor		Indian Bayou		Joe's Bayou		Ben's Lake		Postil Point	
LABSAMNO	K8058		K8056		K8066		K8064		K8060	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/17/94		01/17/94		01/19/94		01/19/94		01/17/94	
QCBATCH	M1411		M1411		M1411		M1411		M1411	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94		07/25/94		07/25/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/06/94		09/05/94		09/06/94		09/06/94		09/06/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.05		10.01		10.04		10.03		10.03	
DRYWT	1.41		0.67		0.84		0.94		1.14	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	14.1%		6.7%		8.4%		9.4%		11.4%	
Lipid Weight										
% LIPIDS	19.29		12.90		9.42		5.87		12.23	
Surrogate Recoveries										
NAPHD8	45.1		56.1		50.3		57.6		45.7	
ACEND10	47.0		60.3		58.7		61.1		56.9	
PHEND10	46.1		61.8		58.1		57.4		56.4	
CHRYD12	53.7		70.1		65.7		61.3		60.2	
PERYD12	22.4		22.9		24.0		27.9		18.1	Q
NAPHTHALENE *	20.6		35.0		55.0		27.4		27.4	
C1-NAPHTHALENES	22.0		40.8		72.9		28.2		36.1	
C2-NAPHTHALENES	26.3		29.2		76.7		29.7		49.5	
C3-NAPHTHALENES	48.2		55.8		118.5		38.5		88.0	
C4-NAPHTHALENES	56.4		41.6		123.0		15.7	J	120.4	
BIPHENYL *	8.5	J	11.1	J	10.7	J	6.8	J	6.1	J
ACENAPHTHYLENE	3.0	J	2.7	J	7.5	J	1.3	J	3.2	J
ACENAPHTHENE *	7.9		4.9	J	62.3		14.9		11.3	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	PBPH		PBIB		CBJB		CBBL		CBPP	
ID	Pensacola Bay		Pensacola Bay		Choctawhatchee Bay		Choctawhatchee Bay		Choctawhatchee Bay	
SITE	Public Harbor		Indian Bayou		Joe's Bayou		Ben's Lake		Postil Point	
LABSAMNO	K8058		K8056		K8066		K8064		K8060	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	12.2		12.0	J	58.1		14.1		13.2	
C1-FLUORENES	26.8			ND	44.3		12.7	J	39.1	
C2-FLUORENES	89.3			ND	104.9		35.9		175.3	
C3-FLUORENES	158.0			ND	263.6			ND	575.9	
PHENANTHRENE *	55.4		35.6		134.8		46.9		61.9	
ANTHRACENE *	7.3		4.6	J	21.1		4.7	J	14.6	
C1-PHEN_ANTHR	44.1		29.5		117.1		31.2		187.5	
C2-PHEN_ANTHR	74.6		49.1		211.3		49.3		746.2	
C3-PHEN_ANTHR	71.8		51.2		231.2		63.2		688.8	
C4-PHEN_ANTHR	75.8		30.8		160.7		123.6		439.8	
DIBENZOTHIO	4.2		3.1	J	15.9		3.9	J	7.6	
C1-DIBEN	10.7		8.0	J	24.6		5.6	J	31.8	
C2-DIBEN	38.9		14.3		118.2		21.3		437.1	
C3-DIBEN	53.9		18.2		159.1		25.9		681.4	
FLUORANTHENE *	99.1		47.0		458.6		98.7		101.2	
PYRENE *	51.7		27.5		382.0		55.6		86.1	
C1-FLUORAN_PYR	62.9		37.3		236.5		41.3		197.4	
BENaANTHRACENE *	13.3		5.4		88.1		11.1		21.5	
CHRYSENE *	44.2		18.0		268.9		34.3		61.0	
C1-CHRYSENES	11.5		7.0	J	65.0		13.3	J	60.0	
C2-CHRYSENES	8.5	J	8.2	J	26.1		8.1	J	44.5	
C3-CHRYSENES		ND		ND	4.4	J		ND	4.0	J
C4-CHRYSENES		ND		ND	12.9	J		ND	5.9	J
BENb/BENkFLUORAN	2.72		16.4		227.9		2.92		24	
BENePYRENE *	11.2		7.9		94.3		11.1		19.1	
BENaPYRENE *	1.0	J	1.9	J	17.8		1.8	J	3.5	J
PERYLENE *	2.8	J	4.0	J	15.9		2.6	J	8.6	
I123cdPYRENE	1.0	J	3.0		30.2		3.0		3.2	
DBahANTHRA *	0.4	J	0.5	J	7.0		0.6	J	1.5	J
BghiPERYLENE	1.8	J	4.1	J	43.1		5.1		7.2	
TOTAL PAHs	1225.2	0.0	665.3	0.0	4170.3	0.0	887.3	0.0	5066.8	0.0
S&T Total PAHs (*)	390.3		283.6		1825.7		382.5		545.2	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	PBPH		PBIB		CBJB		CBBL		CBPP	
ID	Pensacola Bay		Pensacola Bay		Choctawhatchee Bay		Choctawhatchee Bay		Choctawhatchee Bay	
SITE	Public Harbor		Indian Bayou		Joe's Bayou		Ben's Lake		Postil Point	
LABSAMNO	K8058		K8056		K8066		K8064		K8060	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	12.8		21.5		41.8		15.6		20.9	
1-METHYLNAPH *	9.2		19.4		31.1		12.6		15.2	
2,6-DIMETHNAPH *	11.8		13.3		29.4		9.7		15.7	
1,6,7-TRIMETHNAPH *	7.4	J	7.8	J	17.5		6.5	J	10.2	
1-METHYLPHEN *	13.7		6.5	J	31.1		7.6	J	46.3	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	CBBB		PCLO		AESP		CKBP		TBOT	
ID	Choctawhatchee Bay		Panama City		Apalachee Bay		Cedar Key		Tampa Bay	
SITE	Boggy Bayou		Little Oyster Bar		Spring Creek		Black Point		Old Tampa Bay	
LABSAMNO	K8062		K8068		K8070		K8072		K8080	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/17/94		01/19/94		01/20/94		01/20/94		01/21/94	
QCBATCH	M1411		M1411		M1411		M1411		M1412	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94		07/25/94		08/01/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/06/94		09/06/94		09/06/94		09/06/94		09/05/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.02		10.42		10.00		10.00		10.27	
DRYWT	1.11		0.71		0.71		0.79		0.80	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	11.1%		6.8%		7.0%		7.9%		7.8%	
Lipid Weight										
% LIPIDS	14.70		32.15		12.17		9.04		3.77	
Surrogate Recoveries										
NAPHD8	57.6		56.3		43.9		58.4		47.3	
ACEND10	61.8		60.4		52.6		57.7		52.1	
PHEND10	68.3		60.2		49.1		60.5		56.6	
CHRYD12	74.0		73.9		59.9		63.1		62.6	
PERYD12	16.1	Q	27.8		23.3		30.1		22.5	
NAPHTHALENE *	31.6		35.5		71.8		50.9		28.6	
C1-NAPHTHALENES	36.7		32.4		63.7		37.1		31.8	
C2-NAPHTHALENES	42.0		30.4		34.1		28.1		31.6	
C3-NAPHTHALENES	59.3		47.5		46.4		44.7		59.0	
C4-NAPHTHALENES	60.1		56.7		54.1		26.3	J	35.0	
BIPHENYL *	8.0	J	10.5	J	11.5	J	11.8	J	8.2	J
ACENAPHTHYLENE	8.6	J	4.4	J	1.4	J	0.5	J	1.6	J
ACENAPHTHENE *	26.1		4.8	J	1.7	J	2.3	J	3.9	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	CBBB		PCLO		AESP		CKBP		TBOT	
ID	Choctawhatchee Bay		Panama City		Apalachee Bay		Cedar Key		Tampa Bay	
SITE	Boggy Bayou		Little Oyster Bar		Spring Creek		Black Point		Old Tampa Bay	
LABSAMNO	K8062		K8068		K8070		K8072		K8080	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	27.7		17.2		9.4	J	6.6	J	8.1	J
C1-FLUORENES	30.7		32.5	J		ND	13.4	J	23.2	J
C2-FLUORENES	76.0		92.9			ND	46.6			ND
C3-FLUORENES	165.4		264.3			ND	75.7			ND
PHENANTHRENE *	98.7		114.3		21.2		17.9		39.7	
ANTHRACENE *	15.4		11.4	J	2.1	J	1.4	J	4.2	J
C1-PHEN_ANTHR	82.5		78.5			ND	15.9	J	50.3	
C2-PHEN_ANTHR	111.0		87.6			ND	30.4		49.0	
C3-PHEN_ANTHR	94.2		108.4			ND	22.7		80.3	
C4-PHEN_ANTHR	107.3		94.8			ND	14.8	J	31.5	
DIBENZOTHIO	7.9		7.2		2.4	J	1.8	J	2.6	J
C1-DIBEN	15.8		11.5			ND		ND	4.9	J
C2-DIBEN	44.0		60.2			ND		ND	16.8	
C3-DIBEN	54.6		41.5			ND		ND	21.0	
FLUORANTHENE *	194.8		246.8		26.0		12.9		87.6	
PYRENE *	128.3		116.4		11.9		7.3		57.2	
C1-FLUORAN_PYR	105.7		72.1		18.6		12.5		24.4	
BENaANTHRACENE *	32.6		10.9		3.3	J	1.5	J	7.1	
CHRYSENE *	83.2		100.0		8.3	J	5.1	J	28.8	
C1-CHRYSENES	34.6		22.0		9.6	J		ND	7.0	J
C2-CHRYSENES	15.6		11.3	J	11.5	J		ND	6.5	J
C3-CHRYSENES	2.2	J		ND		ND		ND		ND
C4-CHRYSENES	10.7	J		ND		ND		ND		ND
I BENb/BENkFLUORAN	49.4		51.5		8. 2		3.1		19.9	
BENePYRENE *	25.6		24.9		4.5		2.4	J	11.4	
BENaPYRENE *	6.0		2.0	J	1.2	J	0.5	J	1.3	J
PERYLENE *	12.0		2.6	J	2.9	J	2.4	J	2.3	J
I123cdPYRENE	7.4		4.5		1.4	J	0.6	J	1.4	J
DBahANTHRA *	2.5	J	1.0	J	1.0	J	0.2	J	0.4	J
BghiPERYLENE	10.0		5.8		2.1	J	1.4	J	3.3	J
TOTAL PAHs	1923.8	0.0	1915.9	0.0	421.9	0.0	498.6	0.0	789.6	0.0
S&T Total PAHs (*)	772.9		781.1		269.6		177.9		348.5	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	CBBB		PCLO		AESP		CKBP		TBOT	
ID	Choctawhatchee Bay		Panama City		Apalachee Bay		Cedar Key		Tampa Bay	
SITE	Boggy Bayou		Little Oyster Bar		Spring Creek		Black Point		Old Tampa Bay	
LABSAMNO	K8062		K8068		K8070		K8072		K8080	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	23.2		18.0		34.0		20.8		18.2	
1-METHYLNAPH *	13.5		14.3		29.7		16.4		13.6	
2,6-DIMETHNAPH *	18.6		11.2	J	13.8		9.8	J	15.8	
1,6,7-TRIMETHNAPH *	4.6	J	3.3	J	3.9	J	4.4	J	4.0	J
1-METHYLPHEN *	20.9		36.0		11.4	J	3.8	J	8.2	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	TBPB		TBHB		TBMK		TBKA		TBNP	
ID	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Papys Bayou		Hillsborough		Mullet Key Bayou		Knights Airport		Navarez Park	
LABSAMNO	K8078		K8084		K8088		K8074		K8082	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/21/94		01/23/94		01/23/94		01/21/94		01/21/94	
QCBATCH	M1412		M1412		M1412		M1411		M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94		07/25/94		08/01/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/05/94		09/06/94		09/06/94		09/06/94		09/05/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT										
WETWT	10.36		10.34		10.25		10.00		10.20	
DRYWT	1.37		1.66		1.75		1.25		1.64	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	13.2%		16.1%		17.1%		12.5%		16.1%	
Lipid Weight										
% LIPIDS	7.75		8.20		8.99		14.91		6.85	
Surrogate Recoveries										
NAPHD8	54.4		96.7		50.6		43.6		50.0	
ACEND10	58.6		94.5		51.5		50.3		50.4	
PHEND10	55.3		88.3		55.6		53.6		57.8	
CHRYD12	54.8		99.5		55.5		59.7		58.2	
PERYD12	16.0	Q	91.0		22.8		19.5	Q	17.9	Q
NAPHTHALENE *	17.4		14.5		29.2		41.7		28.9	
C1-NAPHTHALENES	15.7		44.5		15.0		36.0		67.0	
C2-NAPHTHALENES	16.5		28.3		14.8		42.5		61.0	
C3-NAPHTHALENES	34.7		97.9		32.6		90.6		106.2	
C4-NAPHTHALENES	36.4		67.7		27.4		155.4		159.5	
BIPHENYL *	4.2	J	7.3	J	3.9	J	7.3	J	7.1	J
ACENAPHTHYLENE	2.8	J	19.7		1.5	J	6.8	J	4.8	J
ACENAPHTHENE *	4.1	J	13.2		3.6	J	11.0		3.7	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	TBPB		TBHB		TBMK		TBKA		TBNP	
ID	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Papys Bayou		Hillsborough		Mullet Key Bayou		Knights Airport		Navarez Park	
LABSAMNO	K8078		K8084		K8088		K8074		K8082	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	5.5	J	19.9		6.2	J	13.4		8.9	
C1-FLUORENES	17.7		23.5		10.3	J	34.5		38.2	
C2-FLUORENES	64.8		67.8		38.3		106.4		204.3	
C3-FLUORENES	101.6		261.3		98.4		242.9		459.7	
PHENANTHRENE *	37.4		258.5		27.5		61.9		41.5	
ANTHRACENE *	7.2		60.4		3.7	J	12.9		11.8	
C1-PHEN_ANTHR	55.5		180.4		29.6		77.8		145.5	
C2-PHEN_ANTHR	62.6		173.7		38.3		208.6		789.1	
C3-PHEN_ANTHR	79.2		136.6		41.8		178.1		1726.0	
C4-PHEN_ANTHR	30.0		76.3		21.9		57.4		1213.3	
DIBENZOTHIO	3.1		15.5		1.8	J	8.4		4.4	
C1-DIBEN	6.4		37.4		4.5		18.2		29.1	
C2-DIBEN	24.9		107.4		12.5		98.9		217.9	
C3-DIBEN	26.5		124.6		11.3		126.8		522.6	
FLUORANTHENE *	210.2		1327.7		44.6		216.1		232.5	
PYRENE *	106.2		953.0		20.4		213.8		187.2	
C1-FLUORAN_PYR	52.0		418.5		14.1		125.5		583.4	
BENaANTHRACENE *	26.2		245.6		3.1		18.0		93.8	
CHRYSENE *	89.6		285.7		20.9		80.1		470.1	
C1-CHRYSENES	14.3		102.0		7.3	J	33.3		1189.9	
C2-CHRYSENES	11.0	J	23.1		11.0		20.1		1112.3	
C3-CHRYSENES		ND		ND		ND	5.5	J	17.0	
C4-CHRYSENES		ND		ND		ND	8.5	J	23.8	
1 BENb/BENkFLUORAN	63.4		153.8		8.4		56.8		175.7	
BENePYRENE *	30.2		73.9		5.3		40.3		192.9	
BENaPYRENE *	3.0	J	13.9		1.0	J	4.3	J	21.9	
PERYLENE *	2.9	J	5.1		1.1	J	4.4	J	40.1	
I123cdPYRENE	5.1		5.3		1.5		6.2		8.5	
DBahANTHRA *	1.3	J	1.7	J	0.3	J	1.8	J	9.7	
BghiPERYLENE	7.2		9.3		2.1		13.0		28.5	
TOTAL PAHs	1277.1	0.0	5455.0	0.0	615.0	0.0	2484.9	0.0	10237.5	0.0
S&T Total PAHs (*)	584.2		3390.1		200.7		804.5		1491.1	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	TBPB		TBHB		TBMK		TBKA		TBNP	
ID	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Papys Bayou		Hillsborough		Mullet Key Bayou		Knights Airport		Navarez Park	
LABSAMNO	K8078		K8084		K8088		K8074		K8082	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	9.3		24.6		8.7		19.9		44.4	
1-METHYLNAPH *	6.4		20.0		6.3		16.1		22.6	
2,6-DIMETHNAPH *	8.7		17.2		6.4		15.3		29.2	
1,6,7-TRIMETHNAPH *	4.7	J	7.5		4.1	J	12.7		16.7	
1-METHYLPHEN *	9.6		40.4		4.4	J	13.7		28.2	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	CBBI		RBHC		FBFO		FBFO		FBFO		FBFO	
ID	Charlotte Harbor		Rookery Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Bird Island		Henderson Creek		Flamingo		Flamingo		Flamingo		Flamingo	
LABSAMNO	K8086		K8090		K8092		K8093		K8094		K8093	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/23/94		01/23/94		01/27/94		01/27/94		01/27/94		01/27/94	
QCBATCH	M1412		M1412		M1412		M1412		M1412		M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94		08/01/94		08/01/94		08/01/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/05/94		09/06/94		09/06/94		09/05/94		09/06/94		09/05/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT												
WETWT	10.31		10.15		10.19		10.03		10.35		10.03	
DRYWT	1.33		1.21		1.60		1.04		1.18		1.04	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	12.9%		11.9%		15.7%		10.4%		11.4%		10.4%	
Lipid Weight												
% LIPIDS	5.92		4.33		9.25		6.25		7.40		6.25	
Surrogate Recoveries												
NAPHD8	47.5		42.8		54.2		58.3		44.2		58.3	
ACEND10	50.1		49.7		57.6		57.5		47.1		57.5	
PHEND10	49.8		55.9		56.1		65.9		55.7		65.9	
CHRYD12	47.1		63.4		65.6		63.8		60.3		63.8	
PERYD12	21.3		28.4		21.3		21.4		30.2		21.4	
NAPHTHALENE *	14.3		22.2		35.5		25.4		26.9		25.4	
C1-NAPHTHALENES	11.6	J	28.0		167.1		56.7		48.9		56.7	
C2-NAPHTHALENES	14.5		25.9		386.7		70.5		559.8		70.5	
C3-NAPHTHALENES	33.8		40.9		966.2		122.0		939.2		122.0	
C4-NAPHTHALENES	23.3		33.7		1512.0		98.9		794.7		98.9	
BIPHENYL *	3.2	J	6.1	J	24.8		9.3	J	7.5	J	9.3	J
ACENAPHTHYLENE	1.2	J	0.9	J	48.7		2.8	J	2.4	J	2.8	J
ACENAPHTHENE *	0.7	J	1.5	J	28.3		1.8	J	0.8	J	1.8	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	CBBI		RBHC		FBFO		FBFO		FBFO		FBFO	
ID	Charlotte Harbor		Rookery Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Bird Island		Henderson Creek		Flamingo		Flamingo		Flamingo		Flamingo	
LABSAMNO	K8086		K8090		K8092		K8093		K8094		K8093	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	2.2	J	4.3	J	59.5		8.4	J	7.4	J	8.4	J
C1-FLUORENES	10.9	J	12.0	J	354.1		36.9		31.8		36.9	
C2-FLUORENES	36.4		41.8		1409.5		114.9		98.5		114.9	
C3-FLUORENES	89.8		101.4		1870.8		135.8		150.6		135.8	
PHENANTHRENE *	8.4		7.0		236.0		20.5		13.9		20.5	
ANTHRACENE *	2.5	J	1.8	J	124.6		3.9	J	3.9	J	3.9	J
C1-PHEN_ANTHR	16.7		11.1	J	933.0		49.7		32.1		49.7	
C2-PHEN_ANTHR	26.1		26.4		2134.1		91.5		73.6		91.5	
C3-PHEN_ANTHR	43.5		27.6		1795.3		80.5		65.3		80.5	
C4-PHEN_ANTHR	15.7		11.1	J	508.2		31.0		18.2		31.0	
DIBENZOTHIO	0.6	J	0.7	J	19.2		2.0	J	1.6	J	2.0	J
C1-DIBEN	2.7	J	2.3	J	120.8		5.7	J	4.9	J	5.7	J
C2-DIBEN	10.1		6.8		477.2		16.9		16.7		16.9	
C3-DIBEN	12.6		8.7		656.3		17.8		13.9		17.8	
FLUORANTHENE *	15.1		9.5		1626.2		39.7		30.7		39.7	
PYRENE *	11.6		8.0		1376.7		38.3		29.4		38.3	
C1-FLUORAN_PYR	10.3		10.7		1868.1		49.7		38.3		49.7	
BENaANTHRACENE *	1.5	J	0.9	J	540.4		9.0		6.4		9.0	
CHRYSENE *	5.8	J	2.6	J	650.5		13.9		10.1		13.9	
C1-CHRYSENES	1.6	J	2.4	J	326.1		13.3		7.2	J	13.3	
C2-CHRYSENES	7.8	J	3.9	J	100.1		9.9		10.3	J	9.9	
C3-CHRYSENES		ND		ND	3.3	J		ND		ND		ND
C4-CHRYSENES		ND		ND	5.9	J		ND		ND		ND
BENb/BENkFLUORAN	3.5		2.6		455.7		11.2		6.7		11.2	
BENePYRENE *	2.5		2.0		222.2		8.4		5.7		8.4	
BENaPYRENE *	0.1	J	0.2	J	33.5		0.8	J	0.6	J	0.8	J
PERYLENE *	0.7	J	0.5	J	32.7		1.7	J	0.7	J	1.7	J
I123cdPYRENE	0.7	J	0.3	J	16.6		2.7		0.6	J	2.7	
DBahANTHRA *	0.2	J	0.2	J	4.1		0.3	J	0.2	J	0.3	J
BghiPERYLENE	1.1	J	1.1	J	60.6		9.1		3.2		9.1	
TOTAL PAHs	443.2	0.0	467.0	0.0	21190.1	0.0	1210.4	0.0	3062.8	0.0	1210.4	0.0
S&T Total PAHs (*)	89.2		109.8		5637.5		298.7		234.0		298.7	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	CBBI		RBHC		FBFO		FBFO		FBFO		FBFO	
ID	Charlotte Harbor		Rookery Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Bird Island		Henderson Creek		Flamingo		Flamingo		Flamingo		Flamingo	
LABSAMNO	K8086		K8090		K8092		K8093		K8094		K8093	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	7.2	J	16.1		112.4		39.6		30.4		39.6	
1-METHYLNAPH *	4.4	J	11.9		54.8		17.1		18.4		17.1	
2,6-DIMETHNAPH *	4.2	J	8.3		147.6		32.3		19.7		32.3	
1,6,7-TRIMETHNAPH *	1.1	J	3.6	J	144.2		18.7		11.8		18.7	
1-METHYLPHEN *	3.5	J	3.1	J	183.8		9.7		9.5		9.7	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	FBJB		FBJB		FBJB		BHKF	
ID	Florida Bay		Florida Bay		Florida Bay		Bahia Honda	
SITE	Joe Bay		Joe Bay		Joe Bay		Key Florida	
LABSAMNO	K8107		K8108		K8109		K8076	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/27/94		01/27/94		01/27/94		01/21/94	
QCBATCH	M1412		M1412		M1412		M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94		08/01/94	
METHOD	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	09/06/94		09/06/94		09/06/94		09/06/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT								
WETWT	5.50		10.41		10.38		10.26	
DRYWT	0.60		1.00		1.09		1.82	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	11.0%		9.6%		10.5%		17.7%	
Lipid Weight								
% LIPIDS	4.46		4.47		7.09		10.88	
Surrogate Recoveries								
NAPHD8	38.0		37.8		44.5		41.9	
ACEND10	43.1		45.7		53.5		48.6	
PHEND10	46.4		53.5		52.1		52.4	
CHRYD12	54.7		64.1		51.3		49.4	
PERYD12	33.9		31.7		33.4		33.5	
NAPHTHALENE *	50.5		40.9		28.9		17.3	
C1-NAPHTHALENES	50.9		40.1		36.3		22.0	
C2-NAPHTHALENES	53.8		37.4		29.1		27.2	
C3-NAPHTHALENES	98.0		69.5		39.7		39.2	
C4-NAPHTHALENES	27.3	J	19.8	J	37.9		27.1	
BIPHENYL *	14.9	J	6.8	J	7.1	J	4.5	J
ACENAPHTHYLENE	2.1	J	1.6	J	0.3	J	0.5	J
ACENAPHTHENE *	3.6	J	3.2	J	1.7	J	0.8	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	FBJB		FBJB		FBJB		BHKF	
ID	Florida Bay		Florida Bay		Florida Bay		Bahia Honda	
SITE	Joe Bay		Joe Bay		Joe Bay		Key Florida	
LABSAMNO	K8107		K8108		K8109		K8076	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	8.5	J	5.2	J	4.4	J	3.6	J
C1-FLUORENES	20.7	J	16.2	J	14.5	J	10.0	J
C2-FLUORENES	51.5		32.8		24.5		30.0	
C3-FLUORENES	102.4		86.1		83.6		81.4	
PHENANTHRENE *	23.9		16.1		13.9		8.6	
ANTHRACENE *	2.8	J	1.3	J	2.5	J	1.5	J
C1-PHEN_ANTHR	21.7	J	17.6		13.7	J	14.0	
C2-PHEN_ANTHR	26.3	J	18.1		14.3	J	24.8	
C3-PHEN_ANTHR	19.1	J	27.5		17.9		20.7	
C4-PHEN_ANTHR	20.1	J	14.9	J	10.5	J	8.6	J
DIBENZOTHIO	2.1	J	1.6	J	1.4	J	1.0	J
C1-DIBEN	4.6	J	3.2	J	3.1	J	2.5	J
C2-DIBEN	10.7	J	7.2	J	7.6		7.0	
C3-DIBEN	5.8	J	6.7	J	6.6	J	11.7	
FLUORANTHENE *	14.8		10.1		8.5		14.6	
PYRENE *	9.5		7.3		5.4		10.0	
C1-FLUORAN_PYR	14.3		10.2		7.8		10.9	
BENaANTHRACENE *	1.4	J	1.3	J	1.4	J	3.4	
CHRYSENE *	5.9	J	3.8	J	3.6	J	7.5	
C1-CHRYSENES	3.6	J	2.3	J	2.8	J	4.0	J
C2-CHRYSENES	3.6	J	3.7	J	3.3	J	7.2	J
C3-CHRYSENES		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND
I BENb/BENkFLUORAN	2.7		2.2		2.0		3.4	
BENePYRENE *	2.9	J	1.8	J	1.9	J	2.8	
BENaPYRENE *	0.7	J	0.4	J	0.5	J	1.1	J
PERYLENE *	1.1	J	0.7	J	0.4	J	0.2	J
I123cdPYRENE	0.9	J	0.5	J	0.6	J	0.6	J
DBahANTHRA *	0.3	J	0.1	J	0.1	J	0.2	J
BghiPERYLENE	1.4	J	1.2	J	1.2	J	1.4	J
TOTAL PAHs	684.4	0.0	519.2	0.0	438.8	0.0	430.9	0.0
S&T Total PAHs (*)	215.3		158.3		135.3		109.4	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	FBJB		FBJB		FBJB		BHKF	
ID	Florida Bay		Florida Bay		Florida Bay		Bahia Honda	
SITE	Joe Bay		Joe Bay		Joe Bay		Key Florida	
LABSAMNO	K8107		K8108		K8109		K8076	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	26.5		21.7		19.5		12.6	
1-METHYLNAPH *	24.3		18.3		16.8		9.4	
2,6-DIMETHNAPH *	10.0	J	9.3		9.2		5.0	
1,6,7-TRIMETHNAPH *	8.2	J	7.0	J	5.9	J	3.5	J
1-METHYLPHEN *	5.5	J	2.9	J	3.7	J	3.0	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	PRBB		PRBM		PRBJ	
ID	Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Bahia De Boqueron		Bahia Montalva		Bahia De Jobos	
LABSAMNO	K8122		K8124		K8126	
SAMPLE TYPE	SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	02/16/94		02/16/94		02/16/94	
QCBATCH	M1412		M1412		M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94	
METHOD	GCMS		GCMS		GCMS	
ANALYSIS DATE	09/06/94		09/06/94		09/06/94	
MATRIX	TISSUE		TISSUE		TISSUE	
SUBMAT						
WETWT	10.02		10.06		10.19	
DRYWT	1.62		1.66		1.65	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	16.2%		16.5%		16.1%	
Lipid Weight						
% LIPIDS	4.98		5.79		6.11	
Surrogate Recoveries						
NAPHD8	36.6		41.6		47.9	
ACEND10	46.3		50.5		51.8	
PHEND10	51.1		55.6		53.3	
CHRYD12	52.7		58.7		64.4	
PERYD12	29.7		18.4	Q	35.2	
NAPHTHALENE *	16.1		15.9		20.7	
C1-NAPHTHALENES	17.9		16.9		15.3	
C2-NAPHTHALENES	20.8		21.9		17.7	
C3-NAPHTHALENES	47.7		48.6		44.5	
C4-NAPHTHALENES	35.1		25.0		31.1	
BIPHENYL *	5.4	J	4.2	J	4.3	J
ACENAPHTHYLENE	0.4	J	0.8	J	0.4	J
ACENAPHTHENE *	1.3	J	0.8	J	1.0	J

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	PRBB		PRBM		PRBJ	
ID	Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Bahia De Boqueron		Bahia Montalva		Bahia De Jobos	
LABSAMNO	K8122		K8124		K8126	
SAMPLE TYPE	SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	3.9	J	3.4	J	3.1	J
C1-FLUORENES	13.0	J	12.6	J	11.6	J
C2-FLUORENES	24.6		30.8		43.2	
C3-FLUORENES	56.2		33.4		51.2	
PHENANTHRENE *	9.9		11.4		6.2	
ANTHRACENE *	1.3	J	2.6	J	0.8	J
C1-PHEN_ANTHR	17.1		19.2		16.3	
C2-PHEN_ANTHR	19.2		30.1		26.1	
C3-PHEN_ANTHR	24.3		27.9		20.4	
C4-PHEN_ANTHR	11.0		7.7	J	8.1	J
DIBENZOTHIO	0.5	J	1.0	J	0.6	J
C1-DIBEN	1.9	J	2.9	J	2.8	J
C2-DIBEN	5.9		5.5		7.6	
C3-DIBEN	5.6		9.9		5.9	
FLUORANTHENE *	39.6		28.7		9.9	
PYRENE *	17.9		17.5		11.4	
C1-FLUORAN_PYR	17.6		17.2		11.8	
BENaANTHRACENE *	3.8		3.0		0.9	J
CHRYSENE *	13.8		2.8	J	3.5	J
C1-CHRYSENES	3.9	J	4.4	J	4.0	J
C2-CHRYSENES	4.1	J	4.7	J	2.9	J
C3-CHRYSENES		ND		ND		ND
C4-CHRYSENES		ND		ND		ND
l BENb/BENkFLUORAN	8.7		6.6		1.7	
BENePYRENE *	5.0		4.3		2.1	
BENaPYRENE *	1.3	J	0.4	J	0.0	ND
PERYLENE *	0.9	J	0.9	J	0.8	J
I123cdPYRENE	1.4		0.5	J	0.2	J
DBahANTHRA *	0.2	J	0.2	J	0.1	J
BghiPERYLENE	2.2		1.5	J	1.0	J
TOTAL PAHs	459.5	0.0	425.2	0.0	389.3	
S&T Total PAHs (*)	150.2		133.1		96.6	

Mussel Watch Project Year 9 - PAH Data (Tissue)

INVEST#	PRBB		PRBM		PRBJ	
ID	Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Bahia De Boqueron		Bahia Montalva		Bahia De Jobos	
LABSAMNO	K8122		K8124		K8126	
SAMPLE TYPE	SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	9.2		9.5		8.1	
1-METHYLNAPH *	8.8		7.5		7.3	
2,6-DIMETHNAPH *	5.2	J	7.2		6.7	
1,6,7-TRIMETHNAPH *	3.3	J	3.8	J	5.5	J
1-METHYLPHEN *	3.4	J	9.1		4.3	J

PAH QC Data
(Tissue)

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		ABLR		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Aransas Bay		ABLR			ABLR	
SITE			Long Reef		Long Reef			Long Reef	
LABSAMNO	Q9490		K8032		Q9492			Q9493	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
RECEIPT DATE			12/17/93		12/17/93			12/17/93	
QCBATCH	M1410		M1410		M1410			M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94			07/21/94	
METHOD	GCMS		GCMS		GCMS			GCMS	
ANALYSIS DATE	09/03/94		09/04/94		09/03/94			09/03/94	
MATRIX	TISSUE		TISSUE		TISSUE			TISSUE	
WETWT			10.05		10.14			10.12	
DRYWT	10.00		1.65		1.67			1.69	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY		GRAMS	DRY
PCTSOLIDS			16.4%		16.5%			16.7%	
% LIPIDS			18.74		15.32			17.54	
Surrogate Recoveries PAHs									
NAPHD8	61.8		55.4		46.7			45.7	
ACEND10	62.5		60.2		54.7			49.4	
PHEND10	60.3		58.0		58.7			58.8	
CHRYD12	63.3		67.3		64.0			60.0	
PERYD12	26.5		9.6	Q	3.6	Q		4.2	Q
NAPHTHALENE *	1.2		14.2		17.0		17.9	97.6	
C1-NAPHTHALENES	0.9	J	10.9		13.3		19.8		NA
C2-NAPHTHALENES		ND	29.0		40.7		33.6		NA
C3-NAPHTHALENES		ND	91.4		104.1		13.0		NA
C4-NAPHTHALENES		ND	110.9		91.4		19.3		NA
BIPHENYL *	0.7	J	6.8	J	8.6	J	24.1	107.1	
ACENAPHTHYLENE	0.1	J	2.4	J	2.7	J	11.6	72.8	
ACENAPHTHENE *	0.1	J	1.6	J	2.0	J	18.9	98.9	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		ABLR		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Aransas Bay		ABLR			ABLR	
SITE			Long Reef		Long Reef			Long Reef	
LABSAMNO	Q9490		K8032		Q9492			Q9493	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
FLUORENE *	0.2	J	4.8	J	5.3	J	8.1	105.5	
C1-FLUORENES		ND	35.2		34.0		3.4		NA
C2-FLUORENES		ND	173.4		173.1		0.1		NA
C3-FLUORENES		ND	216.9		180.6		18.3		NA
PHENANTHRENE *	1.4		33.3		24.1		32.3	84.6	
ANTHRACENE *	0.1	J	4.4	J	3.1	J	33.7	0.0	Q
C1-PHEN_ANTHR		ND	82.1		61.7		28.4		NA
C2-PHEN_ANTHR		ND	114.0		99.7		13.4		NA
C3-PHEN_ANTHR		ND	78.9		70.3		11.5		NA
C4-PHEN_ANTHR		ND	31.1		24.31		24.5		NA
DIBENZOTHIO	0.1	J	2.8		3.6		26.4	82.8	
C1-DIBEN		ND	18.7		14.3		26.5		NA
C2-DIBEN		ND	41.6		29.4		34.3		NA
C3-DIBEN		ND	28.1		29.1		3.4		NA
FLUORANTHENE *	0.2	J	7.0		7.0		0.0	96.0	
PYRENE *	0.3		8.0		8.4		5.0	97.6	
C1-FLUORAN_PYR		ND	14.8		12.43		17.3		NA
BENaANTHRACENE *	0.0	J	1.2	J	1.8	J	39.7	56.4	
CHRYSENE *	0.1	J	3.6	J	3.6	J	1.1	110.7	
C1-CHRYSENES		ND	3.2	J	1.7	J	59.1		NA
C2-CHRYSENES		ND	4.4	J	5.1	J	15.1		NA
C3-CHRYSENES		ND		ND		ND			NA
C4-CHRYSENES		ND		ND		ND			NA
TOTAL BENk/BENbFLUORAN	0.1		2.9		4.8		48.6	105.0	
BENePYRENE *	0.2	J	1.7		2.7		46.5	106.4	
BENaPYRENE *	0.0	J	0.5	J	0.6	J	13.1	20.0	Q

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		ABLR		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Aransas Bay		ABLR			ABLR	
SITE			Long Reef		Long Reef			Long Reef	
LABSAMNO	Q9490		K8032		Q9492			Q9493	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
PERYLENE *	0.3	J	4.0		11.3		95.7	110.0	
I123cdPYRENE	0.0	J	0.6	J	1.8		94.1	103.3	
DBahANTHRA *	0.0	J	0.4	J	1.4	J	114.9	103.7	
BghiPERYLENE	0.07	J	0.9	J	2.29		88.1	98.5	
TOTAL PAHs	5.9		1185.3		1096.9		7.7	1761.9	
S&T Total PAHs (*)	6.29		153.7		158.89		3.3		
2-METHYLNAPH *	0.5	J	6.5		7.6		16.1	101.0	
1-METHYLNAPH *	0.5	J	4.5		5.8		24.8	111.5	
2,6-DIMETHNAPH *	0.4	J	18.0		18.3		1.4	106.7	
1,6,7-TRIMETHNAPH *	0.2	J	16.4		15.8		3.4	98.8	
1-METHYLPHEN *	0.19	J	17.0		14.84		13.5	97.2	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		BSSI		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Breton Sound		BSSI			BSSI	
SITE			Sable Island		Sable Island			Sable Island	
LABSAMNO	Q9495		K8038		Q9497			Q9498	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
RECEIPT DATE			01/15/93		01/15/93			01/15/93	
QCBATCH	M1411		M1411		M1411			M1411	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94			07/25/94	
METHOD	GCMS		GCMS		GCMS			GCMS	
ANALYSIS DATE	09/05/94		09/05/94		09/05/94			09/05/94	
MATRIX	TISSUE		TISSUE		TISSUE			TISSUE	
WETWT			10.03		10.01			10.01	
DRYWT	10.00		0.75		0.77			0.79	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY		GRAMS	DRY
PCTSOLIDS			7.4%		7.7%			7.9%	
% LIPIDS			17.4		21.78			14.38	
Surrogate Recoveries PAHs									
NAPHD8	37.6		63.8		48.3			57.8	
ACEND10	40.4		57.7		56.4			58.7	
PHEND10	41.3		61.1		53.6			69.5	
CHRYD12	42.5		56.9		61.8			73.1	
PERYD12	17.6	Q	19.1	Q	18.1	Q		28.1	
NAPHTHALENE *	1.2		26.2		24.9		4.9	116.9	
C1-NAPHTHALENES	1.1	J	27.3		29.9		9.4		NA
C2-NAPHTHALENES		ND	83.2		89.6		7.5		NA
C3-NAPHTHALENES		ND	282.3		254.2		10.5		NA
C4-NAPHTHALENES		ND	468.4		537.5		13.7		NA
BIPHENYL *	0.6	J	15.5	J	12.7	J	19.7	111.0	
ACENAPHTHYLENE	0.1	J	3.6	J	2.8	J	24.7	112.4	
ACENAPHTHENE *	0.1	J	5.0	J	3.4	J	36.7	116.1	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		BSSI		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Breton Sound		BSSI			BSSI	
SITE			Sable Island		Sable Island			Sable Island	
LABSAMNO	Q9495		K8038		Q9497			Q9498	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
FLUORENE *	0.2	J	16.5		14.4	J	13.9	113.5	
C1-FLUORENES		ND	106.6		79.5		29.1		NA
C2-FLUORENES		ND	251.9		286.7		12.9		NA
C3-FLUORENES		ND	502.0		495.7		1.3		NA
PHENANTHRENE *	0.3	J	67.6		53.9		22.5	88.5	
ANTHRACENE *	0.1	J	6.8	J	4.0	J	52.4	15.9	Q
C1-PHEN_ANTHR		ND	183.9		191.9		4.2		NA
C2-PHEN_ANTHR		ND	627.1		575.9		8.5		NA
C3-PHEN_ANTHR		ND	464.8		560.2		18.6		NA
C4-PHEN_ANTHR		ND	297.7		342.9		14.1		NA
DIBENZOTHIO	0.2	J	9.5		7.1		29.7	133.1	Q
C1-DIBEN		ND	54.6		60.1		9.5		NA
C2-DIBEN		ND	261.2		246.1		6.0		NA
C3-DIBEN		ND	347.6		320.2		8.2		NA
FLUORANTHENE *	0.1	J	59.9		43.9		30.7	94.2	
PYRENE *	0.2	J	82.1		68.1		18.7	134.1	Q
C1-FLUORAN_PYR		ND	119.3		136.8		13.6		NA
BENaANTHRACENE *	0.1	J	11.5		12.6		9.1	88.1	
CHRYSENE *	0.1	J	63.2		48.6		26.1	92.7	
C1-CHRYSENES		ND	63.0		48.8		25.4		NA
C2-CHRYSENES		ND	36.1		31.3		14.4		NA
C3-CHRYSENES		ND		ND		ND			NA
C4-CHRYSENES		ND		ND		ND			NA
TOTAL BENk/BENbFLUORAN	0.1		19.7		17.9		9.8	100.1	
BENePYRENE *	0.0	J	20.1		17.2		15.6	101.5	
BENaPYRENE *	0.0	J	2.0	J	1.9	J	5.6	51.4	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		BSSI		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Breton Sound		BSSI			BSSI	
SITE			Sable Island		Sable Island			Sable Island	
LABSAMNO	Q9495		K8038		Q9497			Q9498	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
PERYLENE *	0.3	J	43.0		36.3		17.1	118.1	
I123cdPYRENE	0.1	J	1.8	J	1.8	J	1.9	87.1	
DBahANTHRA *	0.1	J	0.8	J	1.1	J	28.1	105.2	
BghiPERYLENE	0.07	J	2.7	J	2.8	J	5.3	98.3	
TOTAL PAHs	4.7		4634.5		4662.7				
S&T Total PAHs (*)	4.94		592.3		515.0			1916.0	
2-METHYLNAPH *	0.5	J	16.4		16.6		1.3	109.8	
1-METHYLNAPH *	0.6	J	10.9		13.3		20.4	119.5	
2,6-DIMETHNAPH *	0.3	J	43.3		37.4		14.7	109.0	
1,6,7-TRIMETHNAPH *	0.4	J	47.0		41.4		12.6	111.6	
1-METHYLPHEN *	0.07	J	54.5		63.2		14.8	118.9	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		FBFO		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Florida Bay		FBFO			FBFO	
SITE			Flamingo		Flamingo			Flamingo	
LABSAMNO	Q9500		K8093		Q9502			Q9503	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
RECEIPT DATE			01/27/94		01/27/94			01/27/94	
QCBATCH	M1412		M1412		M1412			M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94			08/01/94	
METHOD	GCMS		GCMS		GCMS			GCMS	
ANALYSIS DATE	09/05/94		09/05/94		09/05/94			09/05/94	
MATRIX			TISSUE		TISSUE			TISSUE	
WETWT			10.03		10.01			10.02	
DRYWT	10.00		1.04		1.02			0.99	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY		GRAMS	DRY
PCTSOLIDS			10.4%		10.2%			9.8%	
% LIPIDS			6.25		7.74			8.34	
Surrogate Recoveries PAHs									
NAPHD8	55.2		58.3		51.2			53.3	
ACEND10	51.8		57.5		50.3			55.5	
PHEND10	53.4		65.9		58.9			63.2	
CHRYD12	47.2		63.8		57.8			50.4	
PERYD12	8.5	Q	21.4		25.6			22.7	
NAPHTHALENE *	2.8		25.4		29.7		15.8	114.8	
C1-NAPHTHALENES	1.3	J	56.7		53.6		5.7		NA
C2-NAPHTHALENES		ND	70.5		64.7		8.6		NA
C3-NAPHTHALENES		ND	122.0		112.2		8.3		NA
C4-NAPHTHALENES		ND	98.9		76.3		25.8		NA
BIPHENYL *	0.4	J	9.3	J	10.6	J	12.7	108.2	
ACENAPHTHYLENE	0.1	J	2.8	J	3.1	J	12.6	103.7	
ACENAPHTHENE *	0.2	J	1.8	J	1.4	J	22.5	109.5	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		FBFO		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Florida Bay		FBFO			FBFO	
SITE			Flamingo		Flamingo			Flamingo	
LABSAMNO	Q9500		K8093		Q9502			Q9503	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
FLUORENE *	0.2	J	8.4	J	7.1	J	17.1	109.3	
C1-FLUORENES		ND	36.9		31.1		16.8		NA
C2-FLUORENES		ND	114.9		141.7		20.9		NA
C3-FLUORENES		ND	135.8		96.9		33.4		NA
PHENANTHRENE *	0.6		20.5		17.9		13.6	94.5	
ANTHRACENE *	0.1	J	3.9	J	4.9	J	22.3	24.6	Q
C1-PHEN_ANTHR		ND	49.7		42.9		14.7		NA
C2-PHEN_ANTHR		ND	91.5		70.3		26.2		NA
C3-PHEN_ANTHR		ND	80.5		59.6		29.7		NA
C4-PHEN_ANTHR		ND	31.0		22.96		29.8		NA
DIBENZOTHIO	0.1	J	2.0	J	1.6	J	22.1	87.8	
C1-DIBEN		ND	5.7	J	5.4	J	5.8		NA
C2-DIBEN		ND	16.9		15.1		10.7		NA
C3-DIBEN		ND	17.8		18.1		1.8		NA
FLUORANTHENE *	0.2	J	39.7		33.9		15.8	95.9	
PYRENE *	0.2	J	38.3		32.2		17.1	96.7	
C1-FLUORAN_PYR		ND	49.7		37.79		27.2		NA
BENaANTHRACENE *	0.0	J	9.0		5.2		53.2	85.5	
CHRYSENE *	0.1	J	13.9		15.1		8.5	109.5	
C1-CHRYSENES		ND	13.3		11.2	J	16.8		NA
C2-CHRYSENES		ND	9.9		7.9	J	22.4		NA
C3-CHRYSENES		ND		ND		ND			NA
C4-CHRYSENES		ND		ND		ND			NA
TOTAL BENk/BENbFLUORAN	0.1		11.2		8.4		27.9	103.1	
BENePYRENE *	0.1	J	8.4		7.7		8.8	115.0	
BENaPYRENE *	0.0	J	0.8	J	0.9	J	11.2	62.9	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		FBFO		Lab QA Sample		RPD	Lab QA Sample	
ID	Proc Blank		Florida Bay		FBFO			FBFO	
SITE			Flamingo		Flamingo			Flamingo	
LABSAMNO	Q9500		K8093		Q9502			Q9503	
SAMPLE TYPE	BLANK		SAMP		DUP			MS	
UNIT	ng/g		ng/g		ng/g			%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL		Recovery	DB QUAL
PERYLENE *	0.5	J	1.7	J	0.8	J	70.9	84.9	
I123cdPYRENE	0.0	J	2.7		1.9		33.8	103.6	
DBahANTHRA *	0.0	J	0.3	J	0.3	J	3.3	102.9	
BghiPERYLENE	0.03	J	9.1		7.4		20.5	108.0	
TOTAL PAHs	6.9		1210.4		1058.0		13.4		
S&T Total PAHs (*)	7.48		298.7		274.85		8.3		
2-METHYLNAPH *	0.6	J	39.6		34.5		13.8	108.5	
1-METHYLNAPH *	0.6	J	17.1		19.1		11.0	118.0	
2,6-DIMETHNAPH *	0.6	J	32.3		28.6		12.4	103.6	
1,6,7-TRIMETHNAPH *	0.1	J	18.7		15.7		17.3	104.2	
1-METHYLPHEN *	0.07	J	9.7		9.23		4.4	100.8	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	NIST SRM 1974a		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Consensus Values		SRM 1974a		SRM 1974a		SRM 1974a	
SITE								
LABSAMNO	SRM		Q9491		Q9501		Q9496	
SAMPLE TYPE			SRM		SRM		SRM	
UNIT	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	Std Dev	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE								
QCBATCH			M1410		M1412		M1411	
EXTRACTION DATE			07/21/94		08/01/94		07/25/94	
METHOD			GCMS		GCMS		GCMS	
ANALYSIS DATE			09/03/94		09/05/94		09/05/94	
MATRIX			TISSUE		TISSUE		TISSUE	
WETWT			5.02		5.01		5.00	
DRYWT			0.49		0.59		0.44	
WTUNITS			GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS			9.8%		11.8%		8.8%	
% LIPIDS			3.9		5.58		4.1	
Surrogate Recoveries PAHs								
NAPHD8			56.8		50.0		37.7	
ACEND10			61.3		48.6		55.5	
PHEND10			69.8		60.0		59.1	
CHRYD12			68.0		52.4		68.1	
PERYD12			14.4	Q	22.5		23.6	
NAPHTHALENE *	14.9	8.5	34.3		31.6		39.1	
C1-NAPHTHALENES			24.6	J	31.9		32.7	J
C2-NAPHTHALENES			44.5		30.8		71.5	
C3-NAPHTHALENES			115.8		114.8		166.1	
C4-NAPHTHALENES			165.8		168.4		322.3	
BIPHENYL *	4.1	1.4	10.3	J	19.0	J	12.0	J
ACENAPHTHYLENE	4.9	2.0	9.1	J	11.5	J	14.2	J
ACENAPHTHENE *	3.1	1.1	5.8	J	7.3	J	7.4	J

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	NIST SRM 1974a		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Consensus Values		SRM 1974a		SRM 1974a		SRM 1974a	
SITE								
LABSAMNO	SRM		Q9491		Q9501		Q9496	
SAMPLE TYPE			SRM		SRM		SRM	
UNIT	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	Std Dev	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	4.2	0.8	6.3	J	9.7	J	6.2	J
C1-FLUORENES			37.4	J	35.6	J	49.2	J
C2-FLUORENES			137.2		125.5		159.1	
C3-FLUORENES			233.0		195.9		362.2	
PHENANTHRENE *	17.9	5.1	39.7		22.2		30.4	
ANTHRACENE *	7.3	2.8	11.7	J	9.5	J	6.6	J
C1-PHEN_ANTHR			71.6		51.9		74.6	
C2-PHEN_ANTHR			227.0		185.9		286.1	
C3-PHEN_ANTHR			550.1		418.5		672.2	
C4-PHEN_ANTHR			252.47		207.08		281.83	
DIBENZOTHIO			4.0	J	2.9	J	6.6	J
C1-DIBEN			25.4		20.1		24.5	
C2-DIBEN			138.8		89.1		169.2	
C3-DIBEN			232.3		145.3		265.5	
FLUORANTHENE *	187.0	55.0	233.5		173.1		305.9	
PYRENE *	178.0	43.0	209.7		162.7		290.7	
C1-FLUORAN_PYR			174.16		144.62		234.38	
BENaANTHRACENE *	37.4	9.2	27.4		34.4		34.1	
CHRYSENE *	89.0	21.9	113.0		81.7		134.6	
C1-CHRYSENES			64.2		58.4		93.0	
C2-CHRYSENES			49.1		42.6		81.4	
C3-CHRYSENES			5.9	J		ND	8.3	J
C4-CHRYSENES			16.84	J		ND	13.71	J
TOTAL BENk/BENbFLUORAN			104.0		71.8		104.7	
BENePYRENE *	91.3	21.0	123.4		85.9		112.9	
BENaPYRENE *	17.5	3.8	13.5		11.2		14.6	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	NIST SRM 1974a		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Consensus Values		SRM 1974a		SRM 1974a		SRM 1974a	
SITE								
LABSAMNO	SRM		Q9491		Q9501		Q9496	
SAMPLE TYPE			SRM		SRM		SRM	
UNIT	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	Std Dev	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
PERYLENE *	7.2	2.2	18.6		9.2	J	19.6	
I123cdPYRENE	16.1	4.6	18.2		10.6		16.9	
DBahANTHRA *	2.6	1.1	4.6	J	2.7	J	4.1	J
BghiPERYLENE	27.5	6.7	32.74		24.22		29.48	
TOTAL PAHs	710.1		3586.1		2847.4		4557.8	
S&T Total PAHs (*)			913.08		739.72		1090.02	
2-METHYLNAPH *	7.3	3.1	13.2	J	18.8		15.9	J
1-METHYLNAPH *	4.4	1.9	11.4	J	13.1		16.8	
2,6-DIMETHNAPH *	5.8	4.2	13.0	J	13.3	J	10.8	J
1,6,7-TRIMETHNAPH *	5.0	2.5	9.5	J	20.5		12.0	J
1-METHYLPHEN *	10.6	3	14.03	J	14.02	J	16.5	J

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	GERG Std Chk III		GERG Std Chk		GERG Std Chk		GERG Std Chk	
SITE	LABORATORY							
LABSAMNO	RUNNING		W1770		W1773		W1775	
SAMPLE TYPE	AVERAGE		REF		REF		REF	
UNIT	ng/amp		ng/amp		ng/amp		ng/amp	
PNA Analyte	Average	Std Dev.	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE								
QCBATCH			M1410		M1410		M1410	
EXTRACTION DATE								
METHOD			GCMS		GCMS		GCMS	
ANALYSIS DATE			09/03/94		09/04/94		09/04/94	
MATRIX			OIL		OIL		OIL	
WETWT								
DRYWT								
WTUNITS								
PCTSOLIDS								
% LIPIDS								
Surrogate Recoveries PAHs								
NAPHD8				NA		NA		NA
ACEND10				NA		NA		NA
PHEND10				NA		NA		NA
CHRYD12				NA		NA		NA
PERYD12				NA		NA		NA
NAPHTHALENE *	576.2	20.2	506.2		519.6		510.3	
C1-NAPHTHALENES	2434.8	125.9	2097.3		2168.2		2094.1	
C2-NAPHTHALENES	1902.8	160.0	2456.7		2547.7		2385.7	
C3-NAPHTHALENES	1440.7	217.6	2281.0		2363.8		2155.1	
C4-NAPHTHALENES	789.3	158.7	1430.3		1518.4		1330.8	
BIPHENYL *	193.9	20.4	189.2		187.6		200.2	
ACENAPHTHYLENE	1.3	0.5	1.1	J	1.1	J	0.5	J
ACENAPHTHENE *	17.4	1.7	17.2	J	14.5	J	16.3	J

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	GERG Std Chk III		GERG Std Chk		GERG Std Chk		GERG Std Chk	
SITE	LABORATORY							
LABSAMNO	RUNNING		W1770		W1773		W1775	
SAMPLE TYPE	AVERAGE		REF		REF		REF	
UNIT	ng/amp		ng/amp		ng/amp		ng/amp	
PNA Analyte	Average	Std Dev.	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	93.2	7.6	89.6		86.3		88.7	
C1-FLUORENES	213.3	31.4	274.9		254.3		254.8	
C2-FLUORENES	343.7	35.0	555.8		525.9		552.8	
C3-FLUORENES	370.1	61.6	698.4		671.2		646.1	
PHENANTHRENE *	266.0	23.0	260.9		261.8		239.4	
ANTHRACENE *	5.9	2.8	6.1	J	6.8	J	10.6	J
C1-PHEN_ANTHR	583.2	91.0	688.4		699.9		693.2	
C2-PHEN_ANTHR	656.2	106.3	852.2		911.9		842.4	
C3-PHEN_ANTHR	481.9	128.7	871.6		913.2		844.4	
C4-PHEN_ANTHR	212.4	75.3	456.1		505.34		463.3	
DIBENZOTHIO	218.9	22.1	192.6		194.7		191.8	
C1-DIBEN	414.9	66.3	479.8		486.9		488.6	
C2-DIBEN	571.6	106.8	805.5		833.1		782.8	
C3-DIBEN	506.5	90.8	792.3		845.6		735.5	
FLUORANTHENE *	5.0	1.1	4.9	J	10.0	J	5.7	J
PYRENE *	13.1	2.3	11.3	J	14.4	J	8.8	J
C1-FLUORAN_PYR	94.0	18.2	102.4		110.63		110.74	
BENaANTHRACENE *	5.6	1.0	5.5	J	7.0	J	4.6	J
CHRYSENE *	52.4	5.4	53.1		46.6		49.3	
C1-CHRYSENES	91.4	63.5	89.6		88.9		90.2	
C2-CHRYSENES	115.5	77.6	143.1		135.8		132.9	
C3-CHRYSENES	30.4	22.2	19.7	J	23.1		26.5	
C4-CHRYSENES	21.5	18.0	21.2		22.03		23.39	
TOTAL BENk/BENbFLUORAN	3.5	0.4	7.8		8.3		7.4	
BENePYRENE *	11.3	1.1	11.5	J	12.9	J	11.2	J
BENaPYRENE *	2.0	0.7	1.7	J	1.7	J	2.4	J

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	GERG Std Chk III		GERG Std Chk		GERG Std Chk		GERG Std Chk	
SITE	LABORATORY							
LABSAMNO	RUNNING		W1770		W1773		W1775	
SAMPLE TYPE	AVERAGE		REF		REF		REF	
UNIT	ng/amp		ng/amp		ng/amp		ng/amp	
PNA Analyte	Average	Std Dev.	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
PERYLENE *	2.0	0.6	1.9	J	2.0	J	2.3	J
I123cdPYRENE	0.9	0.3	0.7	J	1.1	J	0.9	J
DBahANTHRA *	1.8	0.5	1.7	J	2.2	J	1.5	J
BghiPERYLENE	4.2	0.9	3.7	J	4.19	J	4.08	J
TOTAL PAHs	12752.3		16483.0		17008.5		16009.1	
S&T Total PAHs (*)	5072.3		4583.16		4621.27		4569.21	
2-METHYLNAPH *	1347.9	70.7	1153.3		1211.5		1160.1	
1-METHYLNAPH *	1086.9	58.1	944.0		956.7		934.0	
2,6-DIMETHNAPH *	775.3	64.6	743.5		726.9		752.5	
1,6,7-TRIMETHNAPH *	438.9	30.2	421.9		394.9		401.1	
1-METHYLPHEN *	177.6	21.4	159.66		157.88		170.25	

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	GERG Std Chk		GERG Std Chk III		GERG Std Chk		GERG Std Chk	
SITE			LABORATORY					
LABSAMNO	W1789		RUNNING		W1792		W1794	
SAMPLE TYPE	REF		AVERAGE		REF		REF	
UNIT	ng/amp		ng/amp		ng/amp		ng/amp	
PNA Analyte	Conc	DB QUAL	Average	Std Dev.	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE								
QCBATCH	M1412				M1412		M1412	
EXTRACTION DATE								
METHOD	GCMS				GCMS		GCMS	
ANALYSIS DATE	09/05/94				09/05/94		09/06/94	
MATRIX	OIL				OIL		OIL	
WETWT								
DRYWT								
WTUNITS								
PCTSOLIDS								
% LIPIDS								
Surrogate Recoveries PAHs								
NAPHD8		NA				NA		NA
ACEND10		NA				NA		NA
PHEND10		NA				NA		NA
CHRYD12		NA				NA		NA
PERYD12		NA				NA		NA
NAPHTHALENE *	547.4		576.2	20.2	541.2		519.1	
C1-NAPHTHALENES	2199.2		2434.8	125.9	2179.6		2152.4	
C2-NAPHTHALENES	2482.4		1902.8	160.0	2519.0		2472.2	
C3-NAPHTHALENES	2252.0		1440.7	217.6	2319.9		2331.1	
C4-NAPHTHALENES	1428.5		789.3	158.7	1492.4		1485.4	
BIPHENYL *	188.4		193.9	20.4	200.4		181.8	
ACENAPHTHYLENE	0.6	J	1.3	0.5	1.2	J	0.5	J
ACENAPHTHENE *	15.4	J	17.4	1.7	16.7	J	16.2	J

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	GERG Std Chk		GERG Std Chk III		GERG Std Chk		GERG Std Chk	
SITE			LABORATORY					
LABSAMNO	W1789		RUNNING		W1792		W1794	
SAMPLE TYPE	REF		AVERAGE		REF		REF	
UNIT	ng/amp		ng/amp		ng/amp		ng/amp	
PNA Analyte	Conc	DB QUAL	Average	Std Dev.	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	84.0		93.2	7.6	86.2		82.5	
C1-FLUORENES	246.3		213.3	31.4	271.1		254.4	
C2-FLUORENES	526.6		343.7	35.0	570.9		525.2	
C3-FLUORENES	643.9		370.1	61.6	697.8		667.4	
PHENANTHRENE *	245.0		266.0	23.0	252.8		247.0	
ANTHRACENE *	8.9	J	5.9	2.8	9.1	J	10.0	J
C1-PHEN_ANTHR	659.9		583.2	91.0	675.4		683.4	
C2-PHEN_ANTHR	844.6		656.2	106.3	866.3		889.1	
C3-PHEN_ANTHR	825.6		481.9	128.7	869.4		903.4	
C4-PHEN_ANTHR	433.2		212.4	75.3	469.23		510.5	
DIBENZOTHIO	200.7		218.9	22.1	198.4		193.9	
C1-DIBEN	467.6		414.9	66.3	473.7		507.2	
C2-DIBEN	758.1		571.6	106.8	790.9		843.3	
C3-DIBEN	763.4		506.5	90.8	787.3		824.3	
FLUORANTHENE *	3.6	J	5.0	1.1	4.6	J	5.5	J
PYRENE *	10.7	J	13.1	2.3	11.5	J	8.6	J
C1-FLUORAN_PYR	92.85		94.0	18.2	102.68		120.31	
BENaANTHRACENE *	4.2	J	5.6	1.0	5.7	J	5.2	J
CHRYSENE *	47.4		52.4	5.4	44.4		49.6	
C1-CHRYSENES	81.2		91.4	63.5	86.0		92.1	
C2-CHRYSENES	126.3		115.5	77.6	133.1		138.4	
C3-CHRYSENES	25.8		30.4	22.2	22.9		27.1	
C4-CHRYSENES	16.42	J	21.5	18.0	20.36		21.23	
TOTAL BENk/BENbFLUORAN	6.2		3.5	0.4	6.8		7.1	
BENePYRENE *	12.4	J	11.3	1.1	11.8	J	12.2	J
BENaPYRENE *	1.0	J	2.0	0.7	1.3	J	2.7	J

Mussel Watch Project Year 9 - PAH QC Data (Tissue)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	GERG Std Chk		GERG Std Chk III		GERG Std Chk		GERG Std Chk	
SITE			LABORATORY					
LABSAMNO	W1789		RUNNING		W1792		W1794	
SAMPLE TYPE	REF		AVERAGE		REF		REF	
UNIT	ng/amp		ng/amp		ng/amp		ng/amp	
PNA Analyte	Conc	DB QUAL	Average	Std Dev.	Conc	DB QUAL	Conc	DB QUAL
PERYLENE *	2.6	J	2.0	0.6	2.6	J	2.1	J
I123cdPYRENE	1.1	J	0.9	0.3	0.7	J	0.9	J
DBahANTHRA *	1.4	J	1.8	0.5	1.3	J	1.2	J
BghiPERYLENE	3.63	J	4.2	0.9	4.4	J	4.49	J
TOTAL PAHs	16258.2		12752.3		16748.9		16799.3	
S&T Total PAHs (*)	4645.71		5072.3		4778.85		4571.83	
2-METHYLNAPH *	1210.8		1347.9	70.7	1208.1		1178.7	
1-METHYLNAPH *	988.5		1086.9	58.1	971.5		973.7	
2,6-DIMETHNAPH *	707.4		775.3	64.6	747.2		695.0	
1,6,7-TRIMETHNAPH *	390.3		438.9	30.2	424.0		402.3	
1-METHYLPHEN *	176.59		177.6	21.4	238.47		178.41	

PAH Data
(Sediment)

Mussel Watch Project Year 9 - PAH Data (Sediment)

INVEST#	FBFO		FBFO		FBFO		FBJB		FBJB		FBJB	
ID	Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Flamingo		Flamingo		Flamingo		Joe Bay		Joe Bay		Joe Bay	
LABSAMNO	K8098		K8099		K8100		K8113		K8114		K8115	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/27/94		01/27/94		01/27/94		01/27/94		01/27/94		01/27/94	
QCBATCH	M2106		M2106		M2106		M2106		M2106		M2106	
EXTRACTION DATE	07/19/94		07/19/94		07/19/94		07/19/94		07/19/94		07/19/94	
METHOD	GCMS		GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE	08/06/94		08/06/94		08/09/94		08/07/94		08/07/94		08/07/94	
MATRIX	SEDIMENTS		SEDIMENTS		SEDIMENTS		SEDIMENTS		SEDIMENTS		SEDIMENTS	
SUBMAT												
WETWT	30.03		30.07		30.22		30.21		30.16		30.19	
DRYWT	8.95		8.27		8.05		8.73		9.46		8.87	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS	29.8%		27.5%		26.7%		28.9%		31.3%		29.4%	
Surrogate Recoveries PAHs												
NAPHD8	75.0		70.8		61.2		67.0		85.6		81.0	
ACEND10	77.2		76.0		67.4		73.2		91.7		79.8	
PHEND10	68.9		72.7		60.0		65.2		80.7		75.5	
CHRYD12	79.6		71.2		66.3		78.3		94.7		81.7	
PERYD12	73.7		63.4		64.0		60.7		74.3		70.2	
NAPHTHALENE *	4.3	J	2.5	J	3.0	J	2.5	J	1.4	J	1.7	J
C1-NAPHTHALENES	6.6	J	2.3	J	2.8	J	2.5	J	1.3	J	1.5	J
C2-NAPHTHALENES	5.4	J	1.6	J	2.5	J	1.7	J	1.3	J	1.3	J
C3-NAPHTHALENES	6.7	J	2.8	J	3.7	J		ND		ND		ND
C4-NAPHTHALENES	4.9	J		ND		ND		ND		ND		ND
BIPHENYL *	1.0	J	0.5	J	0.7	J	0.4	J	0.3	J	0.4	J
ACENAPHTHYLENE	10.0		0.3	J	0.5	J	0.2	J	0.3	J	0.2	J
ACENAPHTHENE *	0.7	J	0.2	J	0.3	J	0.1	J	0.2	J	0.2	J

Mussel Watch Project Year 9 - PAH Data (Sediment)

INVEST#	FBFO		FBFO		FBFO		FBJB		FBJB		FBJB	
ID	Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Flamingo		Flamingo		Flamingo		Joe Bay		Joe Bay		Joe Bay	
LABSAMNO	K8098		K8099		K8100		K8113		K8114		K8115	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
FLUORENE *	4.4	J	0.3	J	0.4	J	0.4	J	0.3	J	0.4	J
C1-FLUORENES	3.5	J		ND	1.0	J		ND	0.5	J		ND
C2-FLUORENES	10.0	J		ND	1.9	J		ND	1.2	J		ND
C3-FLUORENES	13.6			ND	6.3	J		ND	2.3	J		ND
PHENANTHRENE *	18.0		1.3	J	1.8	J	1.6	J	1.4	J	1.1	J
ANTHRACENE *	56.7		0.3	J	0.9	J	0.3	J	0.6	J	0.3	J
C1-PHEN_ANTHR	22.3			ND	21.3		0.8	J	1.3	J	0.7	J
C2-PHEN_ANTHR	27.5			ND	38.0		1.6	J	2.6	J	1.0	J
C3-PHEN_ANTHR	22.3			ND	22.4		1.2	J	1.1	J	1.6	J
C4-PHEN_ANTHR	10.2	J		ND		ND		ND		ND		ND
DIBENZOTHIO	0.9	J	0.1	J	0.2	J	0.1	J	0.1	J	0.1	J
C1-DIBEN	1.8	J		ND		ND		ND		ND		ND
C2-DIBEN	4.1	J		ND		ND		ND		ND		ND
C3-DIBEN	6.1	J		ND		ND		ND		ND		ND
FLUORANTHENE *	86.1		1.7	J	5.5		2.4	J	3.6		1.4	J
PYRENE *	80.0		1.3	J	5.3	J	1.3	J	3.4	J	1.1	J
C1-FLUORAN_PYR	66.6		1.0	J	3.8	J	1.0	J	2.4	J	0.4	J
BENaANTHRACENE *	49.6		1.3	J	1.6	J	0.4	J	1.2	J	0.9	J
CHRYSENE *	65.1		0.9	J	2.9	J	0.6	J	1.5	J	0.7	J
C1-CHRYSENES	28.5		0.6	J	3.4	J	0.5	J	1.8	J		ND
C2-CHRYSENES	15.0	J	0.9	J	2.1	J	0.5	J	1.4	J		ND
C3-CHRYSENES	1.0	J		ND		ND		ND		ND		ND
C4-CHRYSENES	7.1	J		ND		ND		ND		ND		ND
BENbFLUORAN	50.2		0.8	J	2.5	J	0.7	J	1.6	J	0.6	J
BENkFLUORAN	50.2		0.8	J	2.5	J	0.7	J	1.6	J	0.6	J
BENePYRENE *	35.7		0.6	J	2.1	J	0.5	J	1.2	J	0.5	J
BENaPYRENE *	40.7		0.6	J	2.3	J	0.5	J	1.4	J	0.5	J

Mussel Watch Project Year 9 - PAH Data (Sediment)

INVEST#	FBFO		FBFO		FBFO		FBJB		FBJB		FBJB	
ID	Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Flamingo		Flamingo		Flamingo		Joe Bay		Joe Bay		Joe Bay	
LABSAMNO	K8098		K8099		K8100		K8113		K8114		K8115	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
PERYLENE *	9.5	J	0.1	J	0.6	J	0.2	J	0.4	J	0.1	J
I123cdPYRENE	26.3		0.5	J	1.7	J	0.6	J	1.0	J	0.4	J
DBahANTHRA *	7.0		0.1	J	0.4	J	0.1	J	0.2	J	0.1	J
BghiPERYLENE	27.3		0.6	J	2.2	J	0.6	J	1.4	J	0.6	J
TOTAL PAHs (w/o PERYLENE)	877.6		23.8		145.8		23.6		39.8		18.2	
S&T Total PAHs (*)	479.0		15.4		32.4		14.8		19.5		11.7	
2-METHYLNAPH *	4.4	J	1.2	J	1.8	J	1.4	J	0.8	J	0.8	J
1-METHYLNAPH *	2.2	J	1.1	J	1.0	J	1.1	J	0.5	J	0.7	J
2,6-DIMETHNAPH *	2.8	J	0.4	J	0.9	J	0.5	J	0.3	J	0.5	J
1,6,7-TRIMETHNAPH *	1.4	J	0.3	J	0.5	J	0.5	J	0.2	J	0.2	J
1-METHYLPHEN *	9.4		0.6	J	0.6	J	0.2	J	0.7	J	0.2	J
Surrogate Recoveries												
NAPHD8	75.0		70.8		61.2		67.0		85.6		81.0	
ACEND10	77.2		76.0		67.4		73.2		91.7		79.8	
PHEND10	68.9		72.7		60.0		65.2		80.7		75.5	
CHRYD12	79.6		71.2		66.3		78.3		94.7		81.7	
PERYD12	73.7		63.4		64.0		60.7		74.3		70.2	

PAH QC Data
(Sediment)

Mussel Watch Project Year 9 - PAH QC Data (Sediment)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Proc Blank		FBFO		FBFO	
SITE			Florida Bay		Florida Bay	
LABSAMNO	Q9572		Q9574		Q9575	
SAMPLE TYPE	BLANK		MS		MSD	
UNIT	ng/g		%		%	
PNA Analyte	Conc	DB QUAL	Recovery	DB QUAL	Recovery	DB QUAL
RECEIPT DATE						
QCBATCH	M2106		M2106		M2106	
EXTRACTION DATE	07/19/94		07/19/94		07/19/94	
METHOD	GCMS		GCMS		GCMS	
ANALYSIS DATE	08/06/94		08/06/94		08/06/94	
MATRIX	SEDIMENTS		SEDIMENTS		SEDIMENTS	
SUBMAT						
WETWT			30.12		30.10	
DRYWT	10.00		8.03		8.02	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS			26.7%		26.7%	
Surrogate						
Recoveries PAHs						
NAPHD8	75.0		69.0		73.3	
ACEND10	60.7		75.0		75.6	
PHEND10	50.6		76.2		75.6	
CHRYD12	63.2		69.2		62.4	
PERYD12	26.9	Q	56.2		63.3	
NAPHTHALENE *	0.7	J	86.7		82.7	
C1-NAPHTHALENES	0.4	J		NA		NA
C2-NAPHTHALENES		ND		NA		NA
C3-NAPHTHALENES		ND		NA		NA
C4-NAPHTHALENES		ND		NA		NA
BIPHENYL *	0.2	J	83.8		87.3	
ACENAPHTHYLENE	0.0	J	90.2		90.1	
ACENAPHTHENE *	0.1	J	92.8		92.0	

NC=Non Certified

Mussel Watch Project Year 9 - PAH QC Data (Sediment)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Proc Blank		FBFO		FBFO	
SITE			Florida Bay		Florida Bay	
LABSAMNO	Q9572		Q9574		Q9575	
SAMPLE TYPE	BLANK		MS		MSD	
UNIT	ng/g		%		%	
PNA Analyte	Conc	DB QUAL	Recovery	DB QUAL	Recovery	DB QUAL
FLUORENE *	0.1	J	96.1		92.3	
C1-FLUORENES		ND		NA		NA
C2-FLUORENES		ND		NA		NA
C3-FLUORENES		ND		NA		NA
PHENANTHRENE *	0.6	J	84.2		82.0	
ANTHRACENE *	0.1	J	74.2		77.2	
C1-PHEN_ANTHR		ND		NA		NA
C2-PHEN_ANTHR		ND		NA		NA
C3-PHEN_ANTHR		ND		NA		NA
C4-PHEN_ANTHR		ND		NA		NA
DIBENZOTHIO	0.0	J	75.5		78.5	
C1-DIBEN		ND		NA		NA
C2-DIBEN		ND		NA		NA
C3-DIBEN		ND		NA		NA
FLUORANTHENE *	0.2	J	114.8		69.2	
PYRENE *	0.3	J	81.9		72.1	
C1-FLUORAN_PYR		ND		NA		NA
BENaANTHRACENE *	0.0	J	69.9		107.5	
CHRYSENE *	0.1	J	86.9		95.0	
C1-CHRYSENES		ND		NA		NA
C2-CHRYSENES		ND		NA		NA
C3-CHRYSENES		ND		NA		NA
C4-CHRYSENES		ND		NA		NA
BENbFLUORAN	0.0	J	99.2		95.6	
BENkFLUORAN	0.0	J	88.9		86.5	
BENePYRENE *	0.0	J	88.2		91.0	
BENaPYRENE *	0.0	J	92.0		92.1	

NC=Non Certified

Mussel Watch Project Year 9 - PAH QC Data (Sediment)

INVEST#	Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Proc Blank		FBFO		FBFO	
SITE			Florida Bay		Florida Bay	
LABSAMNO	Q9572		Q9574		Q9575	
SAMPLE TYPE	BLANK		MS		MSD	
UNIT	ng/g		%		%	
PNA Analyte	Conc	DB QUAL	Recovery	DB QUAL	Recovery	DB QUAL
PERYLENE *	0.1	J	88.6		92.2	
I123cdPYRENE	0.0	J	75.2		78.9	
DBahANTHRA *	0.0	J	77.8		84.1	
BghiPERYLENE	0.0	J	78.5		71.2	
TOTAL PAHs	2.9		AVG % RECOV		AVG % RECOV	
(w/o PERYLENE)			86.9		86.3	
S&T Total PAHs (*)	3.2					
2-METHYLNAPH *	0.2	J	83.8		83.3	
1-METHYLNAPH *	0.2	J	93.6		94.2	
2,6-DIMETHNAPH *	0.2	J	82.7		82.5	
1,6,7-TRIMETHNAPH *	0.1	J	97.4		96.3	
1-METHYLPHEN *	0.1	J	88.7		83.6	
Surrogate Recoveries						
NAPHD8	75.0		69.0		73.3	
ACEND10	60.7		75.0		75.6	
PHEND10	50.6		76.2		75.6	
CHRYD12	63.2		69.2		62.4	
PERYD12	26.9	Q	56.2		63.3	

NC=Non Certified

Mussel Watch Project Year 9 - PAH QC Data (Sediment)

INVEST#	NIST SRM 1941a		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Certified Values		SRM 1941a		GERG Std Chk III		GERG Std Chk	
SITE					LABORATORY			
LABSAMNO	SRM		Q9573		RUNNING		W1538	
SAMPLE TYPE			SRM		AVERAGE		REF	
UNIT	ng/g		ng/g		ng/amp		ng/amp	
PNA Analyte	Values	Range	Conc	DB QUAL	Average	Std Dev	Conc	DB QUAL
RECEIPT DATE								
QCBATCH			M2106				M2106	
EXTRACTION DATE			07/19/94					
METHOD			GCMS				GCMS	
ANALYSIS DATE			08/06/94				08/05/94	
MATRIX			SEDIMENTS				OIL	
SUBMAT	SEDIMENT							
WETWT								
DRYWT			1.01					
WTUNITS			GRAMS	DRY				
PCTSOLIDS								
Surrogate								
Recoveries PAHs								
NAPHD8			78.9					NA
ACEND10			83.5					NA
PHEND10			82.8					NA
CHRYD12			77.4					NA
PERYD12			65.2					NA
NAPHTHALENE *	1010	+/-140	792.3		576.2	20.2	549.1	
C1-NAPHTHALENES			368.5		2434.8	125.9	2284.9	
C2-NAPHTHALENES			223.5		1902.8	160.0	2103.2	
C3-NAPHTHALENES			182.9		1440.7	217.6	1605.5	
C4-NAPHTHALENES			67.7	J	789.3	158.7	508.7	
BIPHENYL *	NC 175	+/-18	70.5	J	193.9	20.4	192.5	
ACENAPHTHYLENE	NC 37	+/-14	61.7		1.3	0.5	0.8	J
ACENAPHTHENE *	NC 41	+/-10	40.9	J	17.4	1.7	19.2	J

NC=Non Certified

Mussel Watch Project Year 9 - PAH QC Data (Sediment)

INVEST#	NIST SRM 1941a		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Certified Values		SRM 1941a		GERG Std Chk III		GERG Std Chk	
SITE					LABORATORY			
LABSAMNO	SRM		Q9573		RUNNING		W1538	
SAMPLE TYPE			SRM		AVERAGE		REF	
UNIT	ng/g		ng/g		ng/amp		ng/amp	
PNA Analyte	Values	Range	Conc	DB QUAL	Average	Std Dev	Conc	DB QUAL
FLUORENE *	97	+/-8.6	75.9		93.2	7.6	96.3	
C1-FLUORENES			68.0	J	213.3	31.4	226.7	
C2-FLUORENES			122.4		343.7	35.0	364.2	
C3-FLUORENES			141.3		370.1	61.6	406.8	
PHENANTHRENE *	489	+/-23	434.6		266.0	23.0	279.9	
ANTHRACENE *	184	+/-14	156.6		5.9	2.8	12.0	J
C1-PHEN_ANTHR			269.7		583.2	91.0	600.3	
C2-PHEN_ANTHR			236.9		656.2	106.3	722.3	
C3-PHEN_ANTHR			196.6		481.9	128.7	567.1	
C4-PHEN_ANTHR			105.1	J	212.4	75.3	210.0	
DIBENZOTHIO	NC 70	+/-9.4	45.1	J	218.9	22.1	202.6	
C1-DIBEN			63.2	J	414.9	66.3	412.1	
C2-DIBEN			102.8	J	571.6	106.8	486.8	
C3-DIBEN			99.6	J	506.5	90.8	469.0	
FLUORANTHENE *	981	+/-78	812.9		5.0	1.1	3.8	J
PYRENE *	811	+/-24	650.7		13.1	2.3	10.4	J
C1-FLUORAN_PYR			400.3		94.0	18.2	70.8	
BENaANTHRACENE *	427	+/-25	336.5		5.6	1.0	3.4	J
CHRYSENE *	380	+/-24	498.8		52.4	5.4	57.9	
C1-CHRYSENES			254.9		91.4	63.5	75.2	
C2-CHRYSENES			152.8		115.5	77.6	97.9	
C3-CHRYSENES			12.2	J	30.4	22.2	16.4	J
C4-CHRYSENES			85.4	J	21.5	18.0	13.9	J
BENbFLUORAN	740	+/-110	523.1		3.5	0.4	4.3	J
BENkFLUORAN	361	+/-18	523.1		3.5	0.4	4.3	J
BENePYRENE *	553	+/-59	445.1		11.3	1.1	12.4	J
BENaPYRENE *	628	+/-52	481.4		2.0	0.7	2.2	J

NC=Non Certified

Mussel Watch Project Year 9 - PAH QC Data (Sediment)

INVEST#	NIST SRM 1941a		Lab QA Sample		Lab QA Sample		Lab QA Sample	
ID	Certified Values		SRM 1941a		GERG Std Chk III		GERG Std Chk	
SITE					LABORATORY			
LABSAMNO	SRM		Q9573		RUNNING		W1538	
SAMPLE TYPE			SRM		AVERAGE		REF	
UNIT	ng/g		ng/g		ng/amp		ng/amp	
PNA Analyte	Values	Range	Conc	DB QUAL	Average	Std Dev	Conc	DB QUAL
PERYLENE *	452	+/-58	271.2	J	2.0	0.6	1.0	J
I123cdPYRENE	501	+/-72	371.7		0.9	0.3	0.4	J
DBahANTHRA *	74	+/-6.8	93.3		1.8	0.5	1.4	J
BghiPERYLENE	525	+/-67	388.8		4.2	0.9	4.1	J
TOTAL PAHs			9956.5		12750.2		12698.6	
(w/o PERYLENE)								
S&T Total PAHs (*)			5766.2		5072.3		4962.9	
2-METHYLNAPH *			246.4		1347.9	70.7	1244.3	
1-METHYLNAPH *			122.2		1086.9	58.1	1040.6	
2,6-DIMETHNAPH *			113.1		775.3	64.6	784.6	
1,6,7-TRIMETHNAPH *			52.4		438.9	30.2	482.0	
1-METHYLPHEN *	NC 101	+/-27	71.6		177.6	21.4	170.0	
Surrogate Recoveries								
NAPHD8			78.9					NA
ACEND10			83.5					NA
PHEND10			82.8					NA
CHRYD12			77.4					NA
PERYD12			65.2					NA

NC=Non Certified

Pesticide and PCB Results

Pesticides and PCBs Data (Tissue)

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	LMSB		LMPI		LMAC		CCNB		ABLR	
ID	L. Laguna Madre		L. Laguna Madre		L. Laguna Madre		Corpus Christi		Aransas Bay	
SITE	South Bay		Port Isabel		Arroyo Colorado		Nueces Bay		Long Reef	
LABSAMNO	K8008		K8016		K8012		K8018		K8032	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/10/93		12/10/93		12/10/93		12/16/93		12/17/93	
QCBATCH	M1410		M1410		M1410		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/21/94		07/21/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/27/94		08/27/94		08/27/94		08/27/94		09/27/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.23		10.02		10.15		10.03		10.05	
DRYWT	1.06		1.32		1.70		2.21		1.65	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	10.3		13.2		16.7		22.0		16.4	
% LIPIDS	4.1		3.3		10.9		2.0		18.7	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	66.1		59.4		58.8		57.2		72.4	
PCB#103	68.9		58.5		62.2		55.7		74.3	
PCB#198	71.6		64.4		68.4		63.1		74.2	
TOTAL BHCs	1.7	J	1.5	J	4.6		9.9		1.8	J
TOT CHLORDANES (S&T)	0.0	ND	3.2		1.1	J	6.9		22.3	
TOTAL DDTs	3.8	J	10.6		32.3		29.1		14.5	
TOTAL PCBs (S&T)	14.9	J	70.3		24.7	J	99.1		26.3	J
ALPHA-BHC	1.3		0.9		0.9		1.1		0.6	
HCB	0.0	ND	0.1	J	0.1	J	0.0	ND	0.2	J
BETA-BHC	0.4	J	0.6	J	3.7		1.3		1.1	
GAMMA-BHC	0.0	ND	0.0	ND	0.0	ND	7.5		0.0	ND
DELTA-BHC	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
HEPTACHLOR	0.0	ND	1.0		0.9		0.2	J	0.1	J
HEPTA-EPOXIDE	0.0	ND	0.5	J	0.2	J	0.8		1.1	
OXYCHLORDANE	0.0	ND	0.6	J	2.3		0.5		0.3	J
GAMMA-CHLORDANE	0.0	ND	0.8		0.4	J	2.4		1.0	
ALPHA-CHLORDANE	0.0	ND	0.8		0.0	ND	2.8		19.3	
TRANS-NONACHLOR	0.0	ND	0.9		0.0	ND	3.0		2.0	
CIS-NONACHLOR	0.0	ND	0.7	J	0.7		1.9		0.9	

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	LMSB		LMPI		LMAC		CCNB		ABLR	
ID	L. Laguna Madre		L. Laguna Madre		L. Laguna Madre		Corpus Christi		Aransas Bay	
SITE	South Bay		Port Isabel		Arroyo Colorado		Nueces Bay		Long Reef	
LABSAMNO	K8008		K8016		K8012		K8018		K8032	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	1.2		0.0	ND	0.1	J	1.4		0.7	
DIELDRIN	0.0	ND	0.8		1.8		2.1		2.0	
ENDRIN	0.0	ND	0.0	ND	0.2	J	4.4		0.0	ND
MIREX	0.1	J	0.4	J	0.6		0.1	J	0.0	ND
2,4'DDE (O,P'DDE)	0.0	ND	0.0	ND	0.0	ND	1.1		0.0	ND
4,4'DDE (P,P'DDE)	3.6		5.1		32.3		20.3		11.1	
2,4'DDD (O,P'DDD)	0.0	ND	1.9		0.0	ND	0.5		0.0	ND
4,4'DDD (P,P'DDD)	0.0	ND	2.0		0.0	ND	4.4		1.5	
2,4'DDT (O,P'DDT)	0.0	ND	0.3	J	0.0	ND	1.1		0.2	J
4,4'DDT (P,P'DDT)	0.2	J	1.4		0.0	ND	1.7		1.8	
PCB # (CLORINATION)										
8 (CL2)	0.0	ND	1.3	J	0.0	ND	0.5	J	0.4	J
18 (CL3)	0.0	J	0.7	J	1.1	J	0.6	J	0.0	ND
28 (CL3)	0.0	ND	2.3		0.0	ND	0.0	ND	0.0	ND
44 (CL4)	0.0	ND	1.5	J	0.4	J	2.0		3.6	
52 (CL4)	0.6	J	4.2		0.7	J	3.0		0.5	J
66 (CL4)	0.0	ND	4.5		0.0	ND	1.5		0.0	ND
101 (CL5)	2.2		4.2		2.8		3.9		0.9	J
105 (CL5)	0.0	ND	2.0		0.0	ND	1.5		0.2	J
110/77 (CL5/4)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
118/108/149(CL5/5/6)	0.0	ND	6.3		0.0	ND	6.1		0.3	J
128 (CL6)	0.0	ND	0.3	J	0.3	J	0.9		0.4	J
138 (CL6)	0.0	ND	2.6		1.8		6.6		1.7	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	1.4	J	3.3		0.7	J	9.9		1.0	J
170 (CL7)	0.0	ND	3.4		1.1	J	0.9		0.6	J
180 (CL7)	0.2	J	0.0	ND	0.4	J	5.9		1.0	J
187/182/159(CL7/7/6)	0.0	ND	0.8	J	0.0	ND	5.5		0.7	J
195 (CL8)	1.3	J	0.0	ND	0.9	J	1.0		0.0	ND
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.0	ND	0.0	ND	0.0	ND	0.5	J	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MBAR		SAPP		ESSP		ESBD		MBGP	
ID	Mesquite Bay		San Antonio Bay		Espiritu Santo		Espiritu Santo		Matagorda Bay	
SITE	Ayres Reef		Panther Point Reef		South Pass Reef		Bill Day's Reef		Gallinipper Point	
LABSAMNO	K8020		K8026		K8030		K8028		K8024	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/16/93		12/16/93		12/17/93		12/17/93		12/16/93	
QCBATCH	M1410		M1410		M1410		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/21/94		07/21/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/27/94		08/28/94		08/28/94		08/28/94		08/28/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.02		10.02		10.02		10.04		10.04	
DRYWT	1.37		1.81		1.90		1.28		1.65	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	13.7		18.0		18.9		12.8		16.4	
% LIPIDS	10.9		15.3		14.9		6.2		14.7	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	63.9		59.2		67.3		60.9		62.5	
PCB#103	64.0		53.4		63.0		61.2		60.2	
PCB#198	75.6		69.8		82.3		68.6		74.5	
TOTAL BHCs	12.3		5.0		13.1		3.2		6.4	
TOT CHLORDANES (S&T)	2.7	J	2.3		4.5		2.4	J	5.9	
TOTAL DDTs	13.7		16.6		15.6		11.6		58.9	
TOTAL PCBs (S&T)	38.6	J	45.0		87.9		59.6	J	90.1	
ALPHA-BHC	1.6		1.1		1.1		1.8		1.2	
HCB	0.0	ND	0.0	J	0.1	J	0.0	ND	0.0	J
BETA-BHC	2.5		2.7		3.4		1.5		4.6	
GAMMA-BHC	7.2		0.7		8.0		0.0	ND	0.7	
DELTA-BHC	1.1		0.5	J	0.7		0.0	ND	0.0	ND
HEPTACHLOR	0.0	ND	0.5	J	0.5	J	0.0	ND	0.7	
HEPTA-EPOXIDE	0.5	J	0.0	ND	0.0	ND	0.8	J	0.0	ND
OXYCHLORDANE	0.0	ND	0.5	J	0.5		0.0	ND	0.5	J
GAMMA-CHLORDANE	0.7	J	0.7		0.7		0.3	J	1.7	
ALPHA-CHLORDANE	1.0		0.0	ND	2.7		1.2		3.4	
TRANS-NONACHLOR	1.3		1.8		1.3		0.4	J	1.9	
CIS-NONACHLOR	0.9		1.6		1.8		0.0	ND	2.7	

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MBAR		SAPP		ESSP		ESBD		MBGP	
ID	Mesquite Bay		San Antonio Bay		Espiritu Santo		Espiritu Santo		Matagorda Bay	
SITE	Ayres Reef		Panther Point Reef		South Pass Reef		Bill Day's Reef		Gallinipper Point	
LABSAMNO	K8020		K8026		K8030		K8028		K8024	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.6	J	0.5	J	0.7		0.0	ND	0.0	ND
DIELDRIN	1.3		1.6		2.2		2.2		2.1	
ENDRIN	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
MIREX	0.2	J	0.9		0.8		0.1	J	1.0	
2,4'DDE (O,P'DDE)	0.0	ND	0.0	ND	0.3	J	0.0	ND	0.0	ND
4,4'DDE (P,P'DDE)	12.0		11.2		10.0		11.4		48.4	
2,4'DDD (O,P'DDD)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.2	J
4,4'DDD (P,P'DDD)	0.0	ND	2.9		2.8		0.0	ND	7.0	
2,4'DDT (O,P'DDT)	0.7	J	0.9		1.1		0.0	ND	1.1	
4,4'DDT (P,P'DDT)	1.0		1.7		1.4		0.1	J	2.1	
PCB # (CLORINATION)										
8 (CL2)	0.5	J	0.2	J	0.4	J	0.0	ND	0.7	J
18 (CL3)	0.7	J	0.6	J	1.7		0.6	J	0.9	J
28 (CL3)	0.0	ND	1.4		0.9	J	0.0	ND	3.0	
44 (CL4)	2.5		4.8		5.7		0.4	J	3.9	
52 (CL4)	1.0	J	1.3		1.4		0.4	J	2.9	
66 (CL4)	1.4	J	1.2		0.0	ND	0.0	ND	1.5	
101 (CL5)	0.9	J	0.9	J	0.7	J	1.3	J	4.7	
105 (CL5)	0.0	ND	0.3	J	0.0	ND	0.0	ND	1.3	
110/77 (CL5/4)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
118/108/149(CL5/5/6)	0.0	ND	1.5		1.7		0.0	ND	6.0	
128 (CL6)	0.5	J	0.6	J	0.5	J	0.0	ND	1.7	
138 (CL6)	2.6		3.1		2.8		1.1	J	6.7	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	2.8		1.5		1.7		4.4		5.6	
170 (CL7)	1.4	J	1.2		2.4		2.1		1.1	J
180 (CL7)	0.2	J	0.5	J	3.6		0.1	J	1.9	
187/182/159(CL7/7/6)	1.2	J	1.1		1.1		0.5	J	3.4	
195 (CL8)	1.0	J	0.5	J	15.5		14.3		0.8	J
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.0	ND	0.0	J	0.7	J	1.1	J	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MBCB		BRCL		GBTD		GBOB		GBSC	
ID	Matagorda Bay		Brazos River		Galveston Bay		Galveston Bay		Galveston Bay	
SITE	Carancahua Bay		Cedar Lakes		Todd's Dump		Offats Bayou		Ship Channel	
LABSAMNO	K8022		K8004		K8000		K8006		K8002	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/16/93		12/09/93		12/09/93		12/09/93		12/09/93	
QCBATCH	M1410		M1410		M1410		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/21/94		07/21/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/28/94		08/27/94		08/27/94		08/27/94		08/27/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.05		10.31		10.38		10.22		5.04	
DRYWT	1.30		1.43		2.06		2.03		0.90	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	13.0		13.8		19.9		19.9		17.8	
% LIPIDS	11.5		4.4		13.0		12.1		9.4	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	64.6		62.0		58.4		58.4		66.0	
PCB#103	63.5		67.7		60.0		59.7		64.8	
PCB#198	75.1		70.6		70.7		67.7		77.4	
TOTAL BHCs	7.2		2.4	J	11.2		7.0		21.7	
TOT CHLORDANES (S&T)	5.5		3.2		17.0		60.7		80.6	
TOTAL DDTs	30.4		53.6		15.9		43.5		107.5	
TOTAL PCBs (S&T)	66.2		50.5	J	99.6		142.5		549.3	
ALPHA-BHC	2.0		1.4		1.5		0.9		5.4	
HCB	0.0	ND	0.6	J	0.5	J	0.2	J	0.8	J
BETA-BHC	4.0		1.0		5.7		4.2		8.3	
GAMMA-BHC	1.1		0.0	ND	3.5		1.9		5.3	
DELTA-BHC	0.0	ND	0.0	ND	0.6		0.0	ND	2.7	
HEPTACHLOR	0.0	ND	0.0	ND	0.7		1.4		2.4	
HEPTA-EPOXIDE	1.3		1.2		5.1		4.5		15.3	
OXYCHLORDANE	1.1		0.6	J	1.2		2.4		5.8	
GAMMA-CHLORDANE	2.0		1.3		4.9		29.9		36.9	
ALPHA-CHLORDANE	2.2		0.7		4.6		26.5		28.2	
TRANS-NONACHLOR	2.1		1.3		6.6		28.2		34.6	
CIS-NONACHLOR	1.9		1.2		3.7		13.7		19.6	

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MBCB		BRCL		GBTD		GBOB		GBSC	
ID	Matagorda Bay		Brazos River		Galveston Bay		Galveston Bay		Galveston Bay	
SITE	Carancahua Bay		Cedar Lakes		Todd's Dump		Offats Bayou		Ship Channel	
LABSAMNO	K8022		K8004		K8000		K8006		K8002	
SAMPLE TYPE	*SAMP*		*SAMP*		*SAMP*		*SAMP*		*SAMP*	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.9		2.4		1.7		0.5		0.0	ND
DIELDRIN	2.8		1.5		8.6		10.0		26.2	
ENDRIN	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.8	J
MIREX	1.4		2.9		0.3	J	0.9		0.0	ND
2,4'DDE (O,P'DDE)	0.0	ND	0.5	J	0.0	ND	0.0	ND	5.5	
4,4'DDE (P,P'DDE)	24.0		47.6		5.8		20.0		39.6	
2,4'DDD (O,P'DDD)	0.0	ND	0.2	J	0.4	J	1.5		4.6	
4,4'DDD (P,P'DDD)	3.4		3.7		9.1		12.7		51.1	
2,4'DDT (O,P'DDT)	1.1		0.0	ND	0.0	ND	6.3		0.0	ND
4,4'DDT (P,P'DDT)	*1.8*		*1.5*		*0.6*		*3.0*		*6.6*	
PCB # (CLORINATION)										
8 (CL2)	0.0	ND	1.6		0.8	J	0.0	ND	2.9	
18 (CL3)	0.8	J	0.2	J	0.7	J	0.7	J	2.1	J
28 (CL3)	4.1		0.0	ND	0.2	J	6.0		14.0	
44 (CL4)	8.0		0.7	J	4.1		6.9		18.1	
52 (CL4)	1.1	J	2.4		4.2		6.4		34.9	
66 (CL4)	2.2		1.3	J	2.6		3.6		12.8	
101 (CL5)	2.4		3.5		4.8		7.9		36.3	
105 (CL5)	0.0	ND	0.0	ND	3.3		3.5		17.8	
110/77 (CL5/4)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
118/108/149(CL5/5/6)	3.8		4.2		5.6		12.9		36.6	
128 (CL6)	1.0	J	1.5		0.7	J	1.1		5.3	
138 (CL6)	3.5		4.3		5.5		6.7		31.9	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	1.9		5.3		9.6		10.2		36.2	
170 (CL7)	2.6		0.0	ND	1.1		1.3		2.3	
180 (CL7)	0.1	J	0.0	ND	2.1		5.9		22.5	
187/182/159(CL7/7/6)	0.9	J	1.3	J	4.9		2.9		12.7	
195 (CL8)	0.7	J	0.0	ND	0.0	ND	0.6	J	0.0	ND
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.0	ND	0.0	ND	0.0	ND	0.1	J	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	SLBB		CLLC		VBSP		CLCL		TBLF	
ID	Sabine Lake		Calcasieu Lake		Vermillion Bay		Caillou Lake		Terrebonne Bay	
SITE	Blue Buck Point		Lake Charles		Southwest Pass		Caillou Lake		Lake Felicity	
LABSAMNO	K8010		K8014		K8040		K8034		K8036	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	12/10/93		12/10/93		01/13/94		01/13/94		01/13/94	
QCBATCH	M1410		M1410		M1411		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/25/94		07/21/94		07/21/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/27/94		08/27/94		08/27/94		08/28/94		08/28/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.06		10.01		10.02		10.04		10.01	
DRYWT	1.54		2.06		0.96		1.33		1.82	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	*15.3*		*20.6*		9.5		13.2		18.2	
% LIPIDS	9.7		12.4		15.1		15.0		13.2	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	65.5		46.0		77.8		69.9		67.2	
PCB#103	67.9		44.0		76.1		63.1		63.0	
PCB#198	83.4		54.2		81.8		88.0		84.5	
TOTAL BHCs	7.6		11.5		4.7		2.9	J	4.4	
TOT CHLORDANES (S&T)	7.0		13.7		22.6		8.6		3.4	
TOTAL DDTs	13.1		35.1		44.2		12.7		10.4	
TOTAL PCBs (S&T)	81.6		255.4		99.2		58.5	J	33.1	J
ALPHA-BHC	0.9		1.4		1.5		1.5		1.3	
HCB	0.0	ND	1.9		0.2	J	0.2	J	0.2	J
BETA-BHC	6.3		8.3		1.6		0.8	J	2.0	
GAMMA-BHC	0.4	J	1.3		1.1		0.6	J	0.3	J
DELTA-BHC	0.0	ND	0.5	J	0.5	J	0.0	ND	0.9	
HEPTACHLOR	1.1		0.8		0.6	J	0.9		0.3	J
HEPTA-EPOXIDE	0.8		1.9		3.5		2.5		0.4	J
OXYCHLORDANE	0.0	ND	0.5		0.6	J	1.1		0.0	ND
GAMMA-CHLORDANE	2.1		21.8		1.9		1.9		0.9	
ALPHA-CHLORDANE	2.4		5.1		15.5		3.2		1.6	
TRANS-NONACHLOR	2.7		5.9		3.0		2.0		1.1	
CIS-NONACHLOR	2.4		3.5		3.2		1.1		0.5	J

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	SLBB		CLLC		VBSP		CLCL		TBLF	
ID	Sabine Lake		Calcasieu Lake		Vermillion Bay		Caillou Lake		Terrebonne Bay	
SITE	Blue Buck Point		Lake Charles		Southwest Pass		Caillou Lake		Lake Felicity	
LABSAMNO	K8010		K8014		K8040		K8034		K8036	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.8		0.0	ND	1.0	J	1.2		0.6	
DIELDRIN	3.5		8.3		18.4		4.9		1.2	
ENDRIN	0.6	J	3.3		2.4		0.1	J	0.0	ND
MIREX	1.3		1.7		0.3	J	1.0		0.1	J
2,4'DDE (O,P'DDE)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
4,4'DDE (P,P'DDE)	7.2		27.9		27.0		8.6		8.7	
2,4'DDD (O,P'DDD)	0.1	J	1.6		0.6	J	0.1	J	0.0	ND
4,4'DDD (P,P'DDD)	4.4		5.0		13.3		3.3		1.3	
2,4'DDT (O,P'DDT)	0.4	J	0.0	ND	0.1	J	0.1	J	0.0	J
4,4'DDT (P,P'DDT)	1.0		0.6		3.3		0.7	J	0.3	J
PCB # (CLORINATION)										
8 (CL2)	0.0	ND	0.5	J	1.4	J	0.5	J	0.4	J
18 (CL3)	0.5	J	2.2		3.5		1.0	J	1.5	
28 (CL3)	1.3	J	5.3		0.3	J	2.6		0.9	J
44 (CL4)	1.0	J	4.5		2.8		1.4	J	1.2	
52 (CL4)	1.5		25.1		0.7	J	1.9		0.8	J
66 (CL4)	3.6		6.4		0.7	J	1.6		0.7	J
101 (CL5)	2.7		16.5		3.6		2.7		1.5	
105 (CL5)	5.3		5.4		1.0	J	0.9	J	0.0	ND
110/77 (CL5/4)	0.0	ND	0.0	ND	6.8		0.0	ND	0.0	ND
118/108/149(CL5/5/6)	4.6		19.1		1.7	J	3.1		2.2	
128 (CL6)	0.9	J	2.5		2.4		0.9	J	0.4	J
138 (CL6)	5.3		14.7		9.2		4.3		1.6	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	6.4		20.3		4.1		3.6		1.6	
170 (CL7)	1.5		1.7		1.4	J	1.2	J	1.2	
180 (CL7)	1.4		4.7		1.1	J	0.7	J	1.0	J
187/182/159(CL7/7/6)	4.3		5.2		4.0		1.7		0.7	J
195 (CL8)	0.0	ND	0.8	J	0.2	J	0.3	J	0.6	J
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.7	J	0.0	ND	0.8	J	0.6	J	0.0	J

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MRPL		BSSI		LBMP		LBNO		MSPC	
ID	Mississippi River		Breton Sound		Lake Borgne		Lake Borgne		Mississippi Sound	
SITE	Pass a Loutre		Sable Island		Point		New Orleans		Pass Christian	
LABSAMNO	K8042		K8038		K8044		K8046		K8052	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/15/93		01/15/93		01/15/93		01/15/93		01/16/94	
QCBATCH	M1411		M1411		M1411		M1411		M1411	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94		07/25/94		07/25/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/27/94		08/27/94		08/27/94		08/27/94		08/27/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.05		10.03		10.03		10.02		10.01	
DRYWT	0.46		0.75		0.87		0.92		1.29	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	4.5		7.4		8.6		9.2		12.9	
% LIPIDS	11.5		17.4		15.6		17.1		12.6	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	74.5		76.9		78.3		70.5		74.5	
PCB#103	71.5		75.9		79.1		69.1		73.3	
PCB#198	79.2		82.5		82.2		72.8		77.8	
TOTAL BHCs	4.2	J	4.7	J	2.5	J	4.8		2.8	J
TOT CHLORDANES (S&T)	58.5		56.9		15.1		24.0		18.9	
TOTAL DDTs	125.7		92.6		10.2		12.3		34.2	
TOTAL PCBs (S&T)	620.6		366.5		53.0	J	68.9	J	74.8	
ALPHA-BHC	1.3	J	1.6		0.8	J	1.3		0.9	
HCB	0.4	J	0.0	ND	0.0	J	0.1	J	0.0	J
BETA-BHC	0.5	J	1.6		1.2		2.5		0.7	J
GAMMA-BHC	0.9	J	1.1	J	0.4	J	1.0	J	1.1	
DELTA-BHC	1.4	J	0.4	J	0.1	J	0.1	J	0.1	J
HEPTACHLOR	0.5	J	0.6	J	0.6	J	1.0	J	0.9	
HEPTA-EPOXIDE	4.5		6.0		1.2		1.6		1.8	
OXYCHLORDANE	2.5		2.1		0.7	J	1.1		1.1	
GAMMA-CHLORDANE	17.2		15.2		0.8	J	1.7		5.5	
ALPHA-CHLORDANE	32.0		31.7		11.2		18.8		9.5	
TRANS-NONACHLOR	21.5		18.7		2.1		2.6		6.7	
CIS-NONACHLOR	10.6		10.0		1.5		3.0		3.6	

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MRPL		BSSI		LBMP		LBNO		MSPC	
ID	Mississippi River		Breton Sound		Lake Borgne		Lake Borgne		Mississippi Sound	
SITE	Pass a Loutre		Sable Island		Point		New Orleans		Pass Christian	
LABSAMNO	K8042		K8038		K8044		K8046		K8052	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	2.1	J	2.6		0.6	J	0.5	J	0.2	J
DIELDRIN	26.2		34.4		3.0		4.2		4.9	
ENDRIN	2.9		3.3		1.4		0.6	J	1.0	
MIREX	0.6	J	0.0	ND	0.0	ND	0.1	J	2.2	
2,4'DDE (O,P'DDE)	0.0	ND	0.0	ND	1.3		0.5	J	1.0	
4,4'DDE (P,P'DDE)	65.2		50.9		5.9		7.2		22.7	
2,4'DDD (O,P'DDD)	4.5		3.7		0.0	J	0.0	J	0.7	J
4,4'DDD (P,P'DDD)	38.4		27.2		1.8		2.6		7.1	
2,4'DDT (O,P'DDT)	3.8		1.3		0.0	ND	0.0	ND	0.0	ND
4,4'DDT (P,P'DDT)	13.8		9.4		1.1	J	2.1		2.7	
PCB # (CLORINATION)										
8 (CL2)	2.8	J	0.9	J	1.9	J	3.3		0.3	J
18 (CL3)	7.3		0.0	ND	2.4		5.2		1.5	J
28 (CL3)	3.2	J	1.5	J	0.1	J	1.0	J	0.4	J
44 (CL4)	10.1		7.5		1.9	J	2.3		2.8	
52 (CL4)	14.9		10.8		0.9	J	1.0	J	1.3	J
66 (CL4)	4.8		2.9		0.0	ND	0.3	J	0.8	J
101 (CL5)	27.7		16.1		6.0		4.5		6.5	
105 (CL5)	3.4	J	4.8		0.3	J	0.6	J	0.5	J
110/77 (CL5/4)	53.4		36.1		2.6		5.1		6.2	
118/108/149(CL5/5/6)	13.5		9.9		0.6	J	0.9	J	2.9	
128 (CL6)	9.3		5.3		0.9	J	0.7	J	1.2	J
138 (CL6)	44.4		30.7		2.0	J	3.3		4.4	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	56.8		24.4		0.1	J	0.0	J	1.4	J
170 (CL7)	4.3	J	2.5	J	1.5	J	1.2	J	1.0	J
180 (CL7)	11.0		7.3		0.5	J	0.6	J	2.5	
187/182/159(CL7/7/6)	26.6		14.9		0.4	J	1.0	J	1.5	J
195 (CL8)	0.0	ND	0.0	ND	0.9	J	0.0	ND	0.3	J
206 (CL9)	1.3	J	0.6	J	0.0	ND	0.0	ND	0.2	J
209 (CL10)	1.1	J	0.0	ND	0.7	J	0.3	J	0.3	J

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MSPB		MBCP		MBHI		PBPH		PBIB	
ID	Mississippi Sound		Mobile Bay		Mobile Bay		Pensacola Bay		Pensacola Bay	
SITE	Pascagoula Bay		Reef		Hollingers Is.		Public Harbor		Indian Bayou	
LABSAMNO	K8054		K8048		K8050		K8058		K8056	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/16/94		01/16/94		01/16/94		01/17/94		01/17/94	
QCBATCH	M1411		M1411		M1411		M1411		M1411	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94		07/25/94		07/25/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/27/94		08/27/94		08/27/94		08/27/94		08/27/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.02		10.02		10.03		10.05		10.01	
DRYWT	0.83		1.64		1.26		1.41		0.67	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	8.2		16.4		12.6		14.1		6.7	
% LIPIDS	11.7		20.3		14.8		19.3		12.9	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	70.8		74.5		71.5		62.8		77.4	
PCB#103	69.9		68.8		69.6		64.1		77.6	
PCB#198	75.9		78.4		76.3		64.1		80.6	
TOTAL BHCs	2.8	J	10.5		5.1		5.2		3.4	J
TOT CHLORDANES (S&T)	12.1		20.0		28.1		18.8		21.9	
TOTAL DDTs	28.4		136.8		255.7		27.3		21.4	
TOTAL PCBs (S&T)	328.8		152.2		342.4		308.5		535.3	
ALPHA-BHC	0.7	J	6.2		1.0		1.0		0.6	J
HCB	0.0	J	0.0	J	0.2	J	0.1	J	0.2	J
BETA-BHC	0.5	J	1.8		1.4		1.3		1.0	J
GAMMA-BHC	1.0	J	2.1		2.1		1.8		0.7	J
DELTA-BHC	0.6	J	0.3	J	0.6	J	1.2		1.0	J
HEPTACHLOR	0.4	J	1.5		0.2	J	0.7	J	0.0	ND
HEPTA-EPOXIDE	1.0	J	1.6		2.7		2.5		1.2	J
OXYCHLORDANE	1.0	J	1.0		1.5		0.9		1.0	J
GAMMA-CHLORDANE	2.4		1.8		8.7		3.8		1.5	J
ALPHA-CHLORDANE	7.1		13.9		16.1		11.0		15.8	
TRANS-NONACHLOR	3.6		3.0		9.0		4.7		4.8	
CIS-NONACHLOR	23.2		2.5		7.9		4.4		3.9	

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	MSPB		MBCP		MBHI		PBPH		PBIB	
ID	Mississippi Sound		Mobile Bay		Mobile Bay		Pensacola Bay		Pensacola Bay	
SITE	Pascagoula Bay		Reef		Hollingers Is.		Public Harbor		Indian Bayou	
LABSAMNO	K8054		K8048		K8050		K8058		K8056	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.2	J	0.8		1.0		0.2	J	0.8	J
DIELDRIN	3.8		6.6		9.7		8.4		4.1	
ENDRIN	1.4		2.3		2.3		1.3		1.2	J
MIREX	1.0	J	0.4	J	0.3	J	0.8		1.0	J
2,4'DDE (O,P'DDE)	0.8	J	35.7		70.5		0.0	ND	0.0	ND
4,4'DDE (P,P'DDE)	21.9		75.8		127.5		17.5		16.0	
2,4'DDD (O,P'DDD)	0.2	J	3.4		7.3		0.5	J	0.6	J
4,4'DDD (P,P'DDD)	3.1		18.0		36.8		5.0		3.1	
2,4'DDT (O,P'DDT)	0.1	J	0.4	J	8.5		0.8		0.2	J
4,4'DDT (P,P'DDT)	2.3		3.5		5.1		3.6		1.6	
PCB # (CLORINATION)										
8 (CL2)	0.7	J	0.8	J	1.3	J	3.1		0.5	J
18 (CL3)	2.8		3.3		4.3		2.4		2.5	J
28 (CL3)	0.4	J	0.1	J	1.0	J	2.8		2.4	J
44 (CL4)	1.9	J	2.4		4.4		4.1		4.0	
52 (CL4)	3.6		3.4		5.2		7.5		18.9	
66 (CL4)	1.2	J	0.9	J	1.1	J	2.5		3.8	
101 (CL5)	7.4		8.2		8.8		21.5		42.7	
105 (CL5)	86.9		14.3		60.6		3.2		6.4	
110/77 (CL5/4)	9.4		6.3		15.5		27.3		45.9	
118/108/149(CL5/5/6)	4.1		3.4		6.4		13.6		25.5	
128 (CL6)	1.9	J	2.0		2.8		3.8		7.8	
138 (CL6)	10.4		10.3		20.1		23.0		41.6	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	7.7		5.3		15.7		30.1		56.6	
170 (CL7)	1.8	J	0.9	J	1.2	J	1.0	J	2.0	J
180 (CL7)	6.4		2.0		9.7		3.3		1.3	J
187/182/159(CL7/7/6)	6.3		5.7		2.4		3.8		6.6	
195 (CL8)	0.2	J	2.9		0.0	ND	0.0	ND	0.1	J
206 (CL9)	0.0	ND	0.0	ND	1.0	J	0.4	J	0.5	J
209 (CL10)	0.1	J	0.0	ND	0.2	J	0.0	ND	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	CBJB		CBBL		CBPP		CBBB		PCLO	
ID	Choctawhatchee Bay		Choctawhatchee Bay		Choctawhatchee Bay		Choctawhatchee Bay		Panama City	
SITE	Joe's Bayou		Ben's Lake		Postil Point		Boggy Bayou		Little Oyster Bar	
LABSAMNO	K8066		K8064		K8060		K8062		K8068	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/19/94		01/19/94		01/17/94		01/17/94		01/19/94	
QCBATCH	M1411		M1411		M1411		M1411		M1411	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94		07/25/94		07/25/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/28/94		08/28/94		08/28/94		08/28/94		08/28/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.04		10.03		10.03		10.02		10.42	
DRYWT	0.84		0.94		1.14		1.11		0.71	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	8.4		9.4		11.4		11.1		6.8	
% LIPIDS	9.4		5.9		12.2		14.7		32.2	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	74.2		70.2		69.7		71.3		77.6	
PCB#103	74.2		69.5		67.8		70.0		80.4	
PCB#198	78.3		69.9		75.4		75.5		81.0	
TOTAL BHCs	2.0	J	2.0	J	3.8		3.1	J	6.5	
TOT CHLORDANES (S&T)	12.7		20.8		27.3		35.0		19.7	
TOTAL DDTs	67.2		236.2		332.3		301.7		3381.6	
TOTAL PCBs (S&T)	117.8		41.9	J	168.4		165.6		211.1	
ALPHA-BHC	0.3	J	0.3	J	0.7	J	0.5	J	2.2	
HCB	0.1	J	0.1	J	0.1	J	0.1	J	0.0	ND
BETA-BHC	0.4	J	0.9	J	1.5		1.0		0.9	J
GAMMA-BHC	0.5	J	0.4	J	0.5	J	0.6	J	3.4	
DELTA-BHC	0.8	J	0.3	J	1.1		1.0		0.0	ND
HEPTACHLOR	0.3	J	0.0	J	0.1	J	0.8	J	0.9	J
HEPTA-EPOXIDE	1.9		10.8		1.7		6.0		1.5	
OXYCHLORDANE	0.8	J	0.9	J	1.2		1.5		1.2	J
GAMMA-CHLORDANE	2.8		7.1		8.3		13.0		4.2	
ALPHA-CHLORDANE	5.8		6.3		15.5		15.6		11.3	
TRANS-NONACHLOR	4.7		3.6		10.0		12.5		5.9	
CIS-NONACHLOR	2.3		1.1		5.2		6.0		2.5	

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	CBJB		CBBL		CBPP		CBBB		PCLO	
ID	Choctawhatchee Bay		Choctawhatchee Bay		Choctawhatchee Bay		Choctawhatchee Bay		Panama City	
SITE	Joe's Bayou		Ben's Lake		Postil Point		Boggy Bayou		Little Oyster Bar	
LABSAMNO	K8066		K8064		K8060		K8062		K8068	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.3	J	0.2	J	0.8	J	2.4		1.7	
DIELDRIN	5.6		16.4		7.7		16.1		3.2	
ENDRIN	1.7		0.5	J	1.1		1.7		21.9	
MIREX	0.7	J	0.1	J	0.6	J	0.3	J	0.1	J
2,4'DDE (O,P'DDE)	1.2	J	1.8		1.6		1.1		14.8	
4,4'DDE (P,P'DDE)	24.0		120.0		175.6		158.6		2063.7	
2,4'DDD (O,P'DDD)	4.9		7.5		9.0		8.9		66.4	
4,4'DDD (P,P'DDD)	34.1		101.6		135.3		121.8		1060.1	
2,4'DDT (O,P'DDT)	0.4	J	1.6		1.1		1.7		18.2	
4,4'DDT (P,P'DDT)	2.5		3.6		9.6		9.6		158.5	
PCB # (CLORINATION)										
8 (CL2)	0.4	J	0.5	J	1.6	J	1.0	J	0.0	ND
18 (CL3)	1.1	J	0.4	J	4.1		2.6		2.5	J
28 (CL3)	2.5		0.7	J	1.8		4.1		0.5	J
44 (CL4)	2.9		1.6	J	4.3		3.8		3.1	
52 (CL4)	3.6		0.7	J	3.6		6.0		1.6	J
66 (CL4)	3.3		0.3	J	1.0	J	1.6	J	0.6	J
101 (CL5)	6.1		1.6	J	6.1		7.2		4.9	
105 (CL5)	1.6	J	0.7	J	1.0	J	1.6	J	0.0	ND
110/77 (CL5/4)	15.6		3.1		9.6		16.3		4.3	
118/108/149(CL5/5/6)	6.2		1.5	J	3.0		6.6		3.3	
128 (CL6)	0.6	J	0.1	J	0.9	J	1.3	J	2.5	J
138 (CL6)	4.4		2.7		12.8		10.6		8.0	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	5.0		2.7		15.5		9.3		1.9	J
170 (CL7)	1.8	J	1.1	J	2.4		1.8		1.9	J
180 (CL7)	3.3		1.0	J	2.9		1.9		10.3	
187/182/159(CL7/7/6)	0.8	J	0.8	J	7.7		5.0		2.7	J
195 (CL8)	0.0	ND	0.0	ND	0.4	J	0.2	J	49.0	
206 (CL9)	0.0	ND	0.1	J	0.0	ND	0.3	J	0.0	ND
209 (CL10)	0.0	ND	0.0	ND	0.2	J	0.2	J	1.4	J

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	AESP		CKBP		TBOT		TBPB		TBHB	
ID	Apalachee Bay		Cedar Key		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Spring Creek		Black Point		Old Tampa Bay		Papys Bayou		Hillsborough	
LABSAMNO	K8070		K8072		K8080		K8078		K8084	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/20/94		01/20/94		01/21/94		01/21/94		01/23/94	
QCBATCH	M1411		M1411		M1412		M1412		M1412	
EXTRACTION DATE	07/25/94		07/25/94		08/01/94		08/01/94		08/01/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/28/94		08/28/94		08/31/94		08/30/94		08/31/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.00		10.00		10.27		10.36		10.34	
DRYWT	0.71		0.79		0.80		1.37		1.66	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	7.0		7.9		7.8		13.2		16.1	
% LIPIDS	12.2		9.0		3.8		7.8		8.2	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	70.6		71.0		68.3		67.5		62.3	
PCB#103	68.8		69.6		64.7		64.2		57.2	
PCB#198	70.9		73.9		74.4		72.7		66.2	
TOTAL BHCs	11.9		1.9	J	4.8	J	3.8		4.5	
TOT CHLORDANES (S&T)	90.1		8.0		9.5		23.7		125.0	
TOTAL DDTs	8.4	J	26.2		19.3		20.7		64.5	
TOTAL PCBs (S&T)	168.9		42.6	J	82.1	J	106.5		203.8	
ALPHA-BHC	0.9	J	0.6	J	2.1		1.2		1.1	
HCB	0.3	J	0.1	J	0.0	J	0.0	J	0.0	J
BETA-BHC	3.3		0.7	J	0.6	J	1.3		0.7	
GAMMA-BHC	1.2	J	0.4	J	1.3		1.2		2.6	
DELTA-BHC	6.4		0.2	J	0.8	J	0.2	J	0.1	J
HEPTACHLOR	2.2		0.0	J	0.1	J	0.1	J	2.4	
HEPTA-EPOXIDE	1.4		0.5	J	1.1	J	1.8		4.3	
OXYCHLORDANE	0.5	J	0.5	J	0.5	J	1.6		3.1	
GAMMA-CHLORDANE	0.1	J	1.1	J	3.6		7.7		115.3	
ALPHA-CHLORDANE	76.0		5.6		2.9		7.4		78.7	
TRANS-NONACHLOR	10.4		1.9		5.4		14.4		39.6	
CIS-NONACHLOR	3.2		0.8	J	3.6		9.9		17.4	

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	AESP		CKBP		TBOT		TBPB		TBHB	
ID	Apalachee Bay		Cedar Key		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Spring Creek		Black Point		Old Tampa Bay		Papys Bayou		Hillsborough	
LABSAMNO	K8070		K8072		K8080		K8078		K8084	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	3.7		0.3	J	0.1	J	0.0	ND	1.7	
DIELDRIN	0.7	J	0.6	J	1.1	J	3.9		9.9	
ENDRIN	27.7		2.6		0.0	ND	0.0	ND	0.0	ND
MIREX	0.4	J	0.0	ND	0.3	J	3.5		2.6	
2,4'DDE (O,P'DDE)	0.0	ND	1.3		1.7		0.7	J	4.0	
4,4'DDE (P,P'DDE)	0.0	ND	18.5		13.4		15.9		37.0	
2,4'DDD (O,P'DDD)	0.2	J	0.8	J	0.2	J	0.1	J	2.0	
4,4'DDD (P,P'DDD)	2.2		4.6		3.5		3.7		13.1	
2,4'DDT (O,P'DDT)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	2.8	
4,4'DDT (P,P'DDT)	6.0		0.8	J	0.6	J	0.3	J	5.6	
PCB # (CLORINATION)										
8 (CL2)	0.0	ND	0.7	J	1.8	J	0.0	ND	0.0	ND
18 (CL3)	4.3		1.6	J	1.1	J	1.6		2.4	
28 (CL3)	0.0	ND	0.0	ND	1.2	J	0.4	J	2.2	
44 (CL4)	12.0		1.1	J	2.1	J	1.7		5.0	
52 (CL4)	1.9	J	0.4	J	1.5	J	1.5		5.3	
66 (CL4)	5.0		0.0	ND	2.0	J	0.9	J	3.1	
101 (CL5)	10.2		1.2	J	7.2		6.0		7.7	
105 (CL5)	1.1	J	0.1	J	0.7	J	0.7	J	2.7	
110/77 (CL5/4)	10.5		1.0	J	7.0		7.3		27.6	
118/108/149(CL5/5/6)	3.7		0.5	J	1.8	J	4.3		12.9	
128 (CL6)	0.0	J	0.2	J	0.2	J	0.3	J	0.2	J
138 (CL6)	3.4		1.5	J	2.8		4.1		7.9	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	18.7		0.3	J	1.5	J	4.4		16.0	
170 (CL7)	2.5	J	1.6	J	2.5	J	2.3		2.8	
180 (CL7)	2.7	J	1.8	J	3.0		2.2		2.6	
187/182/159(CL7/7/6)	2.2	J	0.3	J	1.2	J	3.3		5.6	
195 (CL8)	1.3	J	5.8		0.7	J	9.9		1.0	J
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.3	J	0.7	J	0.0	ND	1.1	J	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	TBMK		TBKA		TBNP		CBBI		RBHC	
ID	Tampa Bay		Tampa Bay		Tampa Bay		Charlotte Harbor		Rookery Bay	
SITE	Mullet Key Bayou		Knights Airport		Navarez Park		Bird Island		Henderson Creek	
LABSAMNO	K8088		K8074		K8082		K8086		K8090	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/23/94		01/21/94		01/21/94		01/23/94		01/23/94	
QCBATCH	M1412		M1411		M1412		M1412		M1412	
EXTRACTION DATE	08/01/94		07/25/94		08/01/94		08/01/94		08/01/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/31/94		08/28/94		08/31/94		09/26/94		09/26/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.25		10.00		10.20		10.31		10.15	
DRYWT	1.75		1.25		1.64		1.33		1.21	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	17.1		12.5		16.1		12.9		11.9	
% LIPIDS	9.0		14.9		6.9		5.9		4.3	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	70.0		73.1		65.4		68.5		73.1	
PCB#103	88.1		75.1		76.7		71.5		75.2	
PCB#198	81.2		81.9		83.9		67.8		74.9	
TOTAL BHCs	2.8		5.2		2.5		0.5	J	0.2	J
TOT CHLORDANES (S&T)	6.8		80.8		25.0		14.4		9.3	
TOTAL DDTs	7.9		198.8		25.8		12.2		11.7	
TOTAL PCBs (S&T)	54.8		712.8		140.2		34.3	J	13.6	J
ALPHA-BHC	0.9		0.4	J	2.0		0.0	ND	0.0	ND
HCB	0.0	ND	0.3	J	0.0	ND	0.0	ND	0.0	ND
BETA-BHC	1.3		0.7	J	0.0	ND	0.3	J	0.2	J
GAMMA-BHC	0.5	J	3.4		0.5	J	0.2	J	0.0	ND
DELTA-BHC	0.0	ND	0.7	J	0.0	ND	0.0	ND	0.0	ND
HEPTACHLOR	0.0	ND	0.5	J	0.0	ND	0.0	ND	0.0	ND
HEPTA-EPOXIDE	0.7		1.8		1.1		0.3	J	0.0	ND
OXYCHLORDANE	0.8		4.8		1.2		0.4	J	0.2	J
GAMMA-CHLORDANE	2.2		30.2		10.8		1.4		0.3	J
ALPHA-CHLORDANE	2.6		36.7		9.3		10.8		8.4	
TRANS-NONACHLOR	3.5		41.7		14.6		3.3		0.9	
CIS-NONACHLOR	1.7		19.8		8.3		2.0		0.8	J

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	TBMK		TBKA		TBNP		CBBI		RBHC	
ID	Tampa Bay		Tampa Bay		Tampa Bay		Charlotte Harbor		Rookery Bay	
SITE	Mullet Key Bayou		Knights Airport		Navarez Park		Bird Island		Henderson Creek	
LABSAMNO	K8088		K8074		K8082		K8086		K8090	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.0	ND	0.1	J	0.0	ND	0.0	ND	0.0	ND
DIELDRIN	1.3		11.9		3.9		1.9		0.5	J
ENDRIN	0.0	ND	0.7	J	0.0	ND	0.0	ND	0.0	ND
MIREX	0.4	J	1.3		2.4		0.0	ND	0.0	ND
2,4'DDE (O,P'DDE)	3.7		5.6		1.0		0.5	J	8.7	M
4,4'DDE (P,P'DDE)	4.0		160.7		13.1		11.0		2.3	
2,4'DDD (O,P'DDD)	0.3	J	3.0		0.7		0.1	J	0.0	ND
4,4'DDD (P,P'DDD)	0.0	ND	21.9		3.5		0.0	ND	0.3	J
2,4'DDT (O,P'DDT)	0.0	ND	3.2		7.5		0.0	ND	0.0	ND
4,4'DDT (P,P'DDT)	0.0	ND	4.4		0.0	ND	0.6	J	0.3	J
PCB # (CLORINATION)										
8 (CL2)	0.8	J	1.9		0.0	ND	5.7		2.7	
18 (CL3)	0.6	J	7.3		1.1	J	0.0	ND	0.0	ND
28 (CL3)	0.0	ND	12.9		0.5	J	0.3	J	0.1	J
44 (CL4)	0.7	J	16.9		1.3		0.8	J	0.3	J
52 (CL4)	0.0	ND	27.3		1.8		0.2	J	0.0	J
66 (CL4)	0.7	J	16.8		2.5		0.0	ND	0.0	ND
101 (CL5)	8.9		41.9		8.9		0.6	J	0.1	J
105 (CL5)	0.0	ND	8.4		0.0	ND	0.1	J	0.0	J
110/77 (CL5/4)	3.3		45.6		8.3		0.0	ND	0.0	ND
118/108/149(CL5/5/6)	1.5		40.2		5.4		1.3	J	0.0	ND
128 (CL6)	0.0	ND	2.6		0.1	J	0.1	J	0.0	ND
138 (CL6)	1.1	J	34.2		24.1		1.6		0.6	J
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	0.0	ND	56.0		7.0		1.2	J	0.2	J
170 (CL7)	0.4	J	1.4	J	0.5	J	2.1		0.9	J
180 (CL7)	0.0	ND	15.6		1.1	J	1.2	J	0.1	J
187/182/159(CL7/7/6)	0.6	J	21.8		5.5		0.6	J	0.0	ND
195 (CL8)	6.6		12.4		0.0	ND	0.0	ND	0.0	ND
206 (CL9)	0.0	ND	1.2	J	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.4	J	0.2	J	0.3	J	0.0	ND	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	FBFO		FBFO		FBFO		FBJB		FBJB	
ID	Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Flamingo		Flamingo		Flamingo		Joe Bay		Joe Bay	
LABSAMNO	K8092		K8093		K8094		K8107		K8108	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/27/94		01/27/94		01/27/94		01/27/94		01/27/94	
QCBATCH	M1412		M1412		M1412		M1412		M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94		08/01/94		08/01/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/31/94		08/30/94		09/01/94		09/26/94		09/27/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.19		10.03		10.35		5.50		10.41	
DRYWT	1.60		1.04		1.18		0.60		1.00	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	15.7		10.4		11.4		11.0		9.6	
% LIPIDS	9.3		6.3		7.4		4.5		4.5	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	71.3		71.9		55.8		61.2		66.8	
PCB#103	86.6		74.4		74.5		62.8		69.7	
PCB#198	93.5		78.1		69.8		60.5		68.8	
TOTAL BHCs	2.2	J	4.3		4.1		0.3	J	0.4	J
TOT CHLORDANES (S&T)	4.8		3.5	J	1.4	J	2.4	J	3.9	J
TOTAL DDTs	41.4		30.1		27.7		72.8		51.2	
TOTAL PCBs (S&T)	159.8		43.4	J	106.0		28.2	J	15.1	J
ALPHA-BHC	1.9		2.2		3.7		0.0	ND	0.2	J
HCB	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	J
BETA-BHC	0.1	J	0.5	J	0.0	ND	0.0	ND	0.0	ND
GAMMA-BHC	0.3	J	1.3		0.0	ND	0.3	J	0.2	J
DELTA-BHC	0.0	ND	0.4	J	0.4	J	0.0	ND	0.0	ND
HEPTACHLOR	0.0	ND	0.5	J	0.0	ND	0.0	ND	0.2	J
HEPTA-EPOXIDE	0.1	J	0.5	J	0.0	ND	0.0	J	0.1	J
OXYCHLORDANE	0.3	J	0.2	J	0.0	ND	0.3	J	0.1	J
GAMMA-CHLORDANE	3.7		0.3	J	0.0	ND	0.1	J	0.1	J
ALPHA-CHLORDANE	3.1		2.2		1.4		1.8		3.0	
TRANS-NONACHLOR	1.6		0.3	J	0.0	ND	0.5	J	0.6	J
CIS-NONACHLOR	0.6	J	0.3	J	0.0	ND	0.1	J	0.3	J

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	FBFO		FBFO		FBFO		FBJB		FBJB	
ID	Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE	Flamingo		Flamingo		Flamingo		Joe Bay		Joe Bay	
LABSAMNO	K8092		K8093		K8094		K8107		K8108	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.1	J	0.0	ND	0.0	ND	0.0	ND	0.2	J
DIELDRIN	0.8		1.0		0.0	ND	0.8	J	0.7	J
ENDRIN	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
MIREX	0.2	J	0.0	ND	0.0	ND	0.0	ND	0.0	ND
2,4'DDE (O,P'DDE)	19.9	M	22.1	M	10.6	M	66.4	M	45.7	M
4,4'DDE (P,P'DDE)	14.2		6.1		8.2		6.3		4.8	
2,4'DDD (O,P'DDD)	1.8		0.0	ND	0.0	ND	0.0	ND	0.0	ND
4,4'DDD (P,P'DDD)	5.0		1.5		0.0	ND	0.1	J	0.0	ND
2,4'DDT (O,P'DDT)	0.0	ND	0.0	ND	9.0		0.0	ND	0.0	ND
4,4'DDT (P,P'DDT)	0.6	J	0.4	J	0.0	ND	0.0	ND	0.7	J
PCB # (CLORINATION)										
8 (CL2)	0.0	ND	1.1	J	0.0	ND	4.8		2.3	
18 (CL3)	0.9	J	0.0	ND	0.9	J	0.0	ND	0.0	ND
28 (CL3)	3.1		0.7	J	0.0	ND	2.9	J	0.2	J
44 (CL4)	2.6		0.7	J	0.0	ND	1.1	J	0.9	J
52 (CL4)	4.5		0.5	J	0.0	ND	0.0	ND	0.1	J
66 (CL4)	7.3		3.9		0.0	ND	0.0	ND	0.0	ND
101 (CL5)	6.0		0.8	J	0.0	ND	0.0	ND	0.0	J
105 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	J	0.1	J
110/77 (CL5/4)	17.8		6.6		1.3	J	0.0	ND	0.0	ND
118/108/149(CL5/5/6)	4.8		1.0	J	0.0	ND	0.0	ND	0.0	ND
128 (CL6)	3.2		0.3	J	0.0	ND	0.2	J	0.1	J
138 (CL6)	2.8		1.0	J	34.7		0.9	J	0.7	J
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
153 (CL6)	3.5		0.6	J	0.0	ND	0.1	J	0.1	J
170 (CL7)	17.5		2.3		0.0	ND	1.7	J	1.0	J
180 (CL7)	2.5		0.0	ND	0.0	ND	0.2	J	0.1	J
187/182/159(CL7/7/6)	0.2	J	0.2	J	10.5		0.0	ND	0.1	J
195 (CL8)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.2	J
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	FBJB		BHKF		PRBB		PRBM		PRBJ	
ID	Florida Bay		Bahia Honda		Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Joe Bay		Key Florida		Boqueron		Montalva		Bahia De Jobos	
LABSAMNO	K8109		K8076		K8122		K8124		K8126	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE	01/27/94		01/21/94		02/16/94		02/16/94		02/16/94	
QCBATCH	M1412		M1412		M1412		M1412		M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94		08/01/94		08/01/94	
METHOD	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	09/01/94		08/31/94		09/01/94		09/01/94		09/01/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
WETWT	10.38		10.26		10.02		10.06		10.19	
DRYWT	1.09		1.82		1.62		1.66		1.65	
WTUNITS	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
% SOLIDS	10.5		17.7		16.2		16.5		16.1	
% LIPIDS	7.1		10.9		5.0		5.8		6.1	
Surrogate Recoveries										
Pesticides & PCBs										
DBOFB	60.9		56.9		56.6		62.0		63.8	
PCB#103	57.4		67.3		54.0		58.9		61.1	
PCB#198	58.6		64.9		56.2		62.5		64.4	
TOTAL BHCs	2.3	J	2.5		1.1	J	2.2	J	1.7	J
TOT CHLORDANES (S&T)	2.2	J	1.1	J	0.8	J	2.1	J	0.7	J
TOTAL DDTs	93.0		1.5	J	3.2	J	7.8		3.0	J
TOTAL PCBs (S&T)	51.8	J	23.8	J	60.3		245.5		32.3	J
ALPHA-BHC	1.0		1.0		0.8		1.1		1.0	
HCB	0.1	J	0.1	J	0.1	J	0.0	J	0.1	J
BETA-BHC	0.4	J	1.2		0.2	J	0.6	J	0.1	J
GAMMA-BHC	0.6	J	0.0	ND	0.0	ND	0.3	J	0.2	J
DELTA-BHC	0.3	J	0.3	J	0.0	J	0.2	J	0.3	J
HEPTACHLOR	0.1	J	0.0	ND	0.0	ND	0.1	J	0.1	J
HEPTA-EPOXIDE	0.5	J	0.3	J	0.2	J	0.7		0.3	J
OXYCHLORDANE	0.6	J	0.6		0.3	J	0.5	J	0.1	J
GAMMA-CHLORDANE	0.5	J	0.0	ND	0.1	J	0.6	J	0.1	J
ALPHA-CHLORDANE	1.4		0.7		0.6	J	1.2		0.3	J
TRANS-NONACHLOR	0.3	J	0.1	J	0.0	J	0.1	J	0.0	ND
CIS-NONACHLOR	0.4	J	0.0	ND	0.2	J	0.2	J	0.2	J

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

INVEST#	FBJB		BHKF		PRBB		PRBM		PRBJ	
ID	Florida Bay		Bahia Honda		Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Joe Bay		Key Florida		Boqueron		Montalva		Bahia De Jobos	
LABSAMNO	K8109		K8076		K8122		K8124		K8126	
SAMPLE TYPE	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT	ng/g dry		ng/g dry		ng/g dry		ng/g dry		ng/g dry	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.0	J	0.0	ND	0.0	J	0.2	J	0.0	ND
DIELDRIN	1.0		0.8		0.9		0.8		0.6	J
ENDRIN	0.6	J	0.0	ND	0.2	J	0.0	J	0.2	J
MIREX	0.0	ND	0.0	ND	0.0	ND	0.3	J	0.0	ND
2,4'DDE (O,P'DDE)	87.3	M	0.6		0.0	ND	1.2		0.6	J
4,4'DDE (P,P'DDE)	4.7		0.8		1.3		2.7		1.0	
2,4'DDD (O,P'DDD)	0.1	J	0.0	ND	0.1	J	1.5		0.1	J
4,4'DDD (P,P'DDD)	0.0	ND	0.0	ND	1.1		2.4		1.3	
2,4'DDT (O,P'DDT)	0.0	J	0.0	ND	0.8		0.0	ND	0.0	ND
4,4'DDT (P,P'DDT)	0.9		0.0	ND	0.0	ND	0.0	ND	0.0	ND
PCB # (CLORINATION)										
8 (CL2)	1.0	J	0.5	J	0.5	J	0.3	J	0.9	J
18 (CL3)	0.4	J	0.4	J	0.6	J	0.0	ND	0.0	ND
28 (CL3)	0.7	J	0.0	ND	0.7	J	1.2	J	0.2	J
44 (CL4)	1.5	J	0.5	J	0.6	J	0.7	J	0.5	J
52 (CL4)	2.3		0.7	J	0.3	J	1.2	J	0.3	J
66 (CL4)	0.7	J	2.9		0.3	J	41.7		1.5	
101 (CL5)	1.3	J	0.0	ND	3.0		3.2		0.6	J
105 (CL5)	0.0	ND	0.0	ND	0.0	ND	1.1	J	0.2	J
110/77 (CL5/4)	9.2		0.0	ND	7.8		8.9		4.2	
118/108/149(CL5/5/6)	0.0	ND	0.0	ND	1.0	J	0.8	J	0.2	J
128 (CL6)	0.3	J	0.0	ND	0.2	J	1.4		0.1	J
138 (CL6)	1.3	J	1.0	J	3.2		6.1		1.4	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	5.1		0.0	ND
153 (CL6)	0.0	ND	0.0	ND	5.1		22.3		1.2	J
170 (CL7)	2.5		2.0		1.8		3.0		1.6	
180 (CL7)	0.6	J	0.7	J	0.6	J	2.7		0.4	J
187/182/159(CL7/7/6)	0.2	J	0.7	J	1.1	J	16.1		0.1	J
195 (CL8)	0.1	J	0.0	ND	0.5	J	0.0	ND	0.5	J
206 (CL9)	0.0	ND	0.0	ND	0.0	J	0.0	ND	0.0	ND
209 (CL10)	0.6	J	0.5	J	0.2	J	1.2	J	0.1	J

Pesticides and PCBs QC Data (Tissue)

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		ABLR		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Aransas Bay		ABLR		ABLR	
SITE			Long Reef		Long Reef		Long Reef	
LABSAMNO	Q9490		K8032		Q9492		Q9493	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
RECEIPT DATE			12/17/93		12/17/93		12/17/93	
QCBATCH	M1410		M1410		M1410		M1410	
EXTRACTION DATE	07/21/94		07/21/94		07/21/94		07/21/94	
METHOD	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/26/94		09/27/94		08/26/94		08/27/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT								
WETWT			10.05		10.14		10.12	
DRYWT	10.00		1.65		1.67		1.69	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS			16.4%		16.5%		16.7%	
Lipid Weight								
% LIPIDS			18.74		15.32		17.54	
Surrogate Recoveries								
Pesticides & PCBs								
DBOFB	61.8		72.4		59.2		58.3	
PCB#103	67.0		74.3		65.1		54.8	
PCB#198	60.1		74.2		69.7		66.4	
TOTAL BHCs	0.0	ND	1.8	J	5.1			NA
TOT CHLORDANES (S&T)	0.0	ND	5.0		4.8			NA
TOTAL DDTs	0.0	ND	14.5		9.3			NA
TOTAL PCBs (S&T)	2.2	J	26.3	J	38.6	J		NA
ALPHA-BHC	0.0	ND	0.6		0.3	J	84.3	
HCB	0.0	ND	0.2	J	0.1	J	96.3	
BETA-BHC	0.0	ND	1.1		0.0	ND	91.6	
GAMMA-BHC	0.0	ND	0.0	ND	4.6		98.6	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		ABLR		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Aransas Bay		ABLR		ABLR	
SITE			Long Reef		Long Reef		Long Reef	
LABSAMNO	Q9490		K8032		Q9492		Q9493	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
DELTA-BHC	0.0	ND	0.0	ND	0.2	J	88.0	
HEPTACHLOR	0.0	ND	0.1	J	0.0	ND	76.2	
HEPTA-EPOXIDE	0.0	ND	1.1		0.0	ND	62.1	
OXYCHLORDANE	0.0	ND	0.3	J	0.5	J	88.5	
GAMMA-CHLORDANE	0.0	ND	1.0		1.0		79.2	
ALPHA-CHLORDANE	0.0	ND	1.9		2.8		92.4	
TRANS-NONACHLOR	0.0	ND	2.0		1.9		79.7	
CIS-NONACHLOR	0.0	ND	0.9		1.1		71.6	
ALDRIN	0.0	ND	0.7		1.5		74.4	
DIELDRIN	0.0	ND	2.0		1.7		69.7	
ENDRIN	0.0	ND	0.0	ND	0.0	ND	98.2	
MIREX	0.0	ND	0.0	ND	0.1	J	87.8	
2,4'DDE (O,P'DDE)	0.0	ND	0.0	ND	0.0	ND	67.2	
4,4'DDE (P,P'DDE)	0.0	ND	11.1		9.2		72.1	
2,4'DDD (O,P'DDD)	0.0	ND	0.0	ND	0.0	ND	61.9	
4,4'DDD (P,P'DDD)	0.0	ND	1.5		0.0	ND	118.0	
2,4'DDT (O,P'DDT)	0.0	ND	0.2	J	0.2	J	69.3	
4,4'DDT (P,P'DDT)	0.0	ND	1.8		0.0	ND	90.5	
PCB # (CLORINATION)								
8 (CL2)	0.0	ND	0.4	J	0.6	J	120.2	
18 (CL3)	0.0	ND	0.0	ND	1.1	J	61.2	
28 (CL3)	0.0	ND	0.0	ND	0.0	ND	109.1	
44 (CL4)	0.0	ND	3.6		0.7	J	88.0	
52 (CL4)	0.0	ND	0.5	J	1.0	J	97.8	
66 (CL4)	0.0	ND	0.0	ND	0.0	ND	107.2	
101 (CL5)	0.0	ND	0.9	J	1.3		94.9	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		ABLR		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Aransas Bay		ABLR		ABLR	
SITE			Long Reef		Long Reef		Long Reef	
LABSAMNO	Q9490		K8032		Q9492		Q9493	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
105 (CL5)	0.0	ND	0.2	J	0.0	ND	98.9	
110/77 (CL5/4)	0.0	ND	0.0	ND	0.0	ND		NA
118/108/149(CL5/5/6)	0.0	ND	0.3	J	0.0	ND	115.8	
128 (CL6)	0.0	ND	0.4	J	0.0	ND	114.8	
138 (CL6)	0.0	ND	1.7		2.5		100.6	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND		NA
153 (CL6)	0.0	ND	1.0	J	1.4		68.0	
170 (CL7)	0.0	ND	0.6	J	5.1		105.3	
180 (CL7)	0.0	ND	1.0	J	0.1	J	101.2	
187/182/159(CL7/7/6)	0.0	ND	0.7	J	0.9	J	97.3	
195 (CL8)	0.0	ND	0.0	ND	1.2		108.1	
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	85.8	
209 (CL10)	0.0	ND	0.0	ND	0.8	J	105.7	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		BSSI		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Breton Sound		BSSI		BSSI	
SITE			Sable Island		Sable Island		Sable Island	
LABSAMNO	Q9495		K8038		Q9497		Q9498	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
RECEIPT DATE			01/15/93		01/15/93		01/15/93	
QCBATCH	M1411		M1411		M1411		M1411	
EXTRACTION DATE	07/25/94		07/25/94		07/25/94		07/25/94	
METHOD	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/26/94		08/27/94		08/26/94		08/27/94	
MATRIX	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT								
WETWT			10.03		10.01		10.01	
DRYWT	10.00		0.75		0.77	0.58	0.79	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS			7.4%		7.7%		7.9%	
Lipid Weight								
% LIPIDS			17.40		21.78		14.38	
Surrogate Recoveries								
Pesticides & PCBs								
DBOFB	57.3		76.9		72.4		74.1	
PCB#103	65.8		75.9		72.3		74.1	
PCB#198	63.1		82.5		79.5		80.6	
TOTAL BHCs	0.0	ND	4.7	J	4.0	J		NA
TOT CHLORDANES (S&T)	0.0	ND	56.9		53.5			NA
TOTAL DDTs	0.3	J	92.6		87.8			NA
TOTAL PCBs (S&T)	5.6	J	366.5		347.2			NA
ALPHA-BHC	0.0	ND	1.6		1.2	J	77.1	
HCB	0.0	ND	0.0	ND	0.0	J	86.9	
BETA-BHC	0.0	ND	1.6		1.3		61.0	
GAMMA-BHC	0.0	ND	1.1	J	1.2	J	82.9	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		BSSI		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Breton Sound		BSSI		BSSI	
SITE			Sable Island		Sable Island		Sable Island	
LABSAMNO	Q9495		K8038		Q9497		Q9498	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
DELTA-BHC	0.0	ND	0.4	J	0.2	J	75.4	
HEPTACHLOR	0.0	ND	0.6	J	0.4	J	79.0	
HEPTA-EPOXIDE	0.0	ND	6.0		5.8		71.6	
OXYCHLORDANE	0.0	ND	2.1		2.5		95.8	
GAMMA-CHLORDANE	0.2		15.2		14.8		80.7	
ALPHA-CHLORDANE	0.0	ND	31.7		28.7		75.3	
TRANS-NONACHLOR	0.0	ND	18.7		18.6		77.8	
CIS-NONACHLOR	0.0	ND	10.0		9.3		75.6	
ALDRIN	0.0	ND	2.6		3.0		80.1	
DIELDRIN	0.0	ND	34.4		31.9		64.6	
ENDRIN	0.1	J	3.3		3.2		94.7	
MIREX	0.0	ND	0.0	ND	0.0	ND	92.1	
2,4'DDE (O,P'DDE)	0.0	ND	0.0	ND	0.0	ND	61.7	
4,4'DDE (P,P'DDE)	0.3		50.9		49.3		63.0	
2,4'DDD (O,P'DDD)	0.0	ND	3.7		3.0		72.7	
4,4'DDD (P,P'DDD)	0.0	ND	27.2		24.8		85.0	
2,4'DDT (O,P'DDT)	0.0	ND	1.3		1.2	J	73.0	
4,4'DDT (P,P'DDT)	0.0	ND	9.4		9.5		87.5	
PCB # (CLORINATION)								
8 (CL2)	0.0	ND	0.9	J	0.7	J	99.2	
18 (CL3)	0.0	ND	0.0	ND	0.0	ND	85.5	
28 (CL3)	0.0	ND	1.5	J	1.4	J	89.2	
44 (CL4)	0.2		7.5		6.7		89.6	
52 (CL4)	0.0	ND	10.8		9.0		97.3	
66 (CL4)	0.0	ND	2.9		3.7		73.9	
101 (CL5)	0.0	ND	16.1		17.3		99.1	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		BSSI		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Breton Sound		BSSI		BSSI	
SITE			Sable Island		Sable Island		Sable Island	
LABSAMNO	Q9495		K8038		Q9497		Q9498	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
105 (CL5)	0.0	ND	4.8		4.2		97.8	
110/77 (CL5/4)	0.0	ND	36.1		32.0			NA
118/108/149(CL5/5/6)	0.0	ND	9.9		8.4		93.7	
128 (CL6)	0.0	ND	5.3		5.6		107.4	
138 (CL6)	0.4		30.7		29.3		84.0	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND		NA
153 (CL6)	0.0	ND	24.4		22.0		55.3	
170 (CL7)	0.7		2.5	J	2.5	J	102.8	
180 (CL7)	0.2		7.3		7.6		93.3	
187/182/159(CL7/7/6)	0.0	ND	14.9		14.7		89.1	
195 (CL8)	0.0	ND	0.0	ND	0.0	ND	102.5	
206 (CL9)	0.0	ND	0.6	J	0.8	J	93.4	
209 (CL10)	0.0	ND	0.0	ND	0.0	ND	104.2	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		FBFO		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Florida Bay		FBFO		FBFO	
SITE			Flamingo		Flamingo		Flamingo	
LABSAMNO	Q9500		K8093		Q9502		Q9503	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
RECEIPT DATE			01/27/94		01/27/94		01/27/94	
QCBATCH	M1412		M1412		M1412		M1412	
EXTRACTION DATE	08/01/94		08/01/94		08/01/94		08/01/94	
METHOD	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/30/94		08/30/94		08/30/94		08/30/94	
MATRIX			TISSUE		TISSUE		TISSUE	
SUBMAT								
WETWT			10.03		10.01		10.02	
DRYWT	10.00		1.04		1.02		0.99	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS			10.4%		10.2%		9.8%	
Lipid Weight								
% LIPIDS			6.25		7.74		8.34	
Surrogate Recoveries								
Pesticides & PCBs								
DBOFB	57.9		71.9		67.7		68.7	
PCB#103	66.2		74.4		71.2		66.1	
PCB#198	58.7		78.1		72.9		75.0	
TOTAL BHCs	0.0	ND	4.3		3.4	J		NA
TOT CHLORDANES (S&T)	0.0	ND	3.5	J	2.6	J		NA
TOTAL DDTs	0.0	ND	30.1		19.4			NA
TOTAL PCBs (S&T)	4.9	J	43.4	J	27.6	J		NA
ALPHA-BHC	0.0	ND	2.2		2.0		83.0	
HCB	0.0	ND	0.0	ND	0.1	J	99.8	
BETA-BHC	0.0	ND	0.5	J	0.4	J	70.7	
GAMMA-BHC	0.0	ND	1.3		0.9	J	92.3	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		FBFO		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Florida Bay		FBFO		FBFO	
SITE			Flamingo		Flamingo		Flamingo	
LABSAMNO	Q9500		K8093		Q9502		Q9503	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
DELTA-BHC	0.0	ND	0.4	J	0.0	ND	81.2	
HEPTACHLOR	0.0	ND	0.5	J	0.4	J	82.7	
HEPTA-EPOXIDE	0.0	ND	0.5	J	0.2	J	77.3	
OXYCHLORDANE	0.0	ND	0.2	J	0.0	ND	97.0	
GAMMA-CHLORDANE	0.0	ND	0.3	J	0.0	ND	89.9	
ALPHA-CHLORDANE	0.0	ND	2.2		1.8		82.7	
TRANS-NONACHLOR	0.0	ND	0.3	J	0.2	J	80.4	
CIS-NONACHLOR	0.0	ND	0.3	J	0.2	J	83.8	
ALDRIN	0.0	ND	0.0	ND	0.0	ND	82.4	
DIELDRIN	0.0	ND	1.0		1.0	J	76.6	
ENDRIN	0.0	ND	0.0	ND	0.0	ND	90.3	
MIREX	0.0	ND	0.0	ND	0.0	ND	93.3	
2,4'DDE (O,P'DDE)	0.0	ND	22.1		12.7		52.9	
4,4'DDE (P,P'DDE)	0.0	ND	6.1		5.0		84.6	
2,4'DDD (O,P'DDD)	0.0	ND	0.0	ND	0.0	ND	100.5	
4,4'DDD (P,P'DDD)	0.0	ND	1.5		1.4		101.6	
2,4'DDT (O,P'DDT)	0.0	ND	0.0	ND	0.0	ND	85.5	
4,4'DDT (P,P'DDT)	0.0	ND	0.4	J	0.3	J	92.2	
PCB # (CLORINATION)								
8 (CL2)	0.0	ND	1.1	J	0.6	J	88.7	
18 (CL3)	0.0	ND	0.0	ND	0.0	ND	80.7	
28 (CL3)	0.0	ND	0.7	J	0.1	J	86.9	
44 (CL4)	0.3		0.7	J	0.4	J	91.3	
52 (CL4)	0.0	ND	0.5	J	0.8	J	102.5	
66 (CL4)	0.0	ND	3.9		1.4	J	83.5	
101 (CL5)	0.0	ND	0.8	J	0.8	J	94.6	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	LAB QA SAMPLE		FBFO		LAB QA SAMPLE		LAB QA SAMPLE	
ID	PROC BLANK		Florida Bay		FBFO		FBFO	
SITE			Flamingo		Flamingo		Flamingo	
LABSAMNO	Q9500		K8093		Q9502		Q9503	
SAMPLE TYPE	BLANK		SAMP		DUP		MS	
UNIT	ng/g		ng/g		ng/g		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL
105 (CL5)	0.0	ND	0.0	ND	0.0	ND	93.8	
110/77 (CL5/4)	0.0	ND	6.6		3.7			NA
118/108/149(CL5/5/6)	0.0	ND	1.0	J	0.1	J	104.7	
128 (CL6)	0.0	ND	0.3	J	0.0	ND	106.7	
138 (CL6)	0.3		1.0	J	1.0	J	88.7	
126 (CL5)	0.0	ND	0.0	ND	0.0	ND		NA
153 (CL6)	0.0	ND	0.6	J	0.5	J	80.7	
170 (CL7)	0.5		2.3		2.0		106.5	
180 (CL7)	0.2	J	0.0	ND	0.1	J	105.4	
187/182/159(CL7/7/6)	0.0	ND	0.2	J	0.4	J	102.8	
195 (CL8)	0.0	ND	0.0	ND	0.0	ND	106.9	
206 (CL9)	0.0	ND	0.0	ND	0.0	ND	87.2	
209 (CL10)	0.0	ND	0.0	ND	0.0	ND	99.6	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	NIST SRM 1974a		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID	CONSENSUS VALUES		SRM 1974a		SRM 1974a		SRM 1974a	
SITE								
LABSAMNO	SRM		Q9491		Q9501		Q9496	
SAMPLE TYPE			SRM		SRM		SRM	
UNIT	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE								
QCBATCH			M1410		M1412		M1411	
EXTRACTION DATE			07/21/94		08/01/94		07/25/94	
METHOD			GCECD		GCECD		GCECD	
ANALYSIS DATE			08/26/94		08/30/94		08/26/94	
MATRIX			TISSUE		TISSUE		TISSUE	
SUBMAT								
WETWT			5.02		5.01		5.00	
DRYWT			0.49		0.59		0.44	
WTUNITS			GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS			9.8%		11.8%		8.8%	
Lipid Weight								
% LIPIDS			3.90		5.58		4.10	
Surrogate Recoveries								
Pesticides & PCBs								
DBOFB			67.7		58.2		71.7	
PCB#103			70.8		62.6		75.4	
PCB#198			70.8		63.5		76.5	
TOTAL BHCs			8.2		4.6	J	3.4	J
TOT CHLORDANES (S&T)			49.7		34.0		46.6	
TOTAL DDTs			136.9		90.4		137.8	
TOTAL PCBs (S&T)			2778.5		2740.4		3664.5	
ALPHA-BHC			3.1		3.4		2.2	J
HCB			0.4	J	0.3	J	0.4	J
BETA-BHC			3.1		0.0	ND	0.1	J
GAMMA-BHC	2.7	+/-2.87	1.9	J	1.1	J	1.0	J

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	NIST SRM 1974a		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID	CONSENSUS VALUES		SRM 1974a		SRM 1974a		SRM 1974a	
SITE								
LABSAMNO	SRM		Q9491		Q9501		Q9496	
SAMPLE TYPE			SRM		SRM		SRM	
UNIT	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
DELTA-BHC			0.0	ND	0.0	ND	0.0	ND
HEPTACHLOR	4.5	+/-4.17	13.8		0.0	ND	0.5	J
HEPTA-EPOXIDE			0.0	ND	0.0	ND	0.0	ND
OXYCHLORDANE			6.6		4.9		7.0	
GAMMA-CHLORDANE			16.5		12.1		18.4	
ALPHA-CHLORDANE			17.5		17.8		26.3	
TRANS-NONACHLOR	17.5	+/-6.20	18.4		16.2		19.8	
CIS-NONACHLOR	15.6	+/-2.80	12.6		8.7		12.2	
ALDRIN	7.0	+/-8.24	0.0	ND	0.0	ND	0.5	J
DIELDRIN	6.8	+/-2.48	8.2		7.0		11.8	
ENDRIN			0.0	ND	0.0	ND	2.3	
MIREX	1.4	+/-1.01	0.0	ND	0.8	J	0.6	J
2,4'DDE (O,P'DDE)			0.0	ND	0.0	ND	2.0	J
4,4'DDE (P,P'DDE)	50.5	+/-13.6	48.6		34.2		56.4	
2,4'DDD (O,P'DDD)	14.4	+/-3.80	9.3		7.3		6.9	
4,4'DDD (P,P'DDD)	42.1	+/-12.8	68.1		42.1		61.7	
2,4'DDT (O,P'DDT)	6.0	+/-3.16	8.0		4.8		6.2	
4,4'DDT (P,P'DDT)	3.1	+/-1.10	2.9		2.0		4.7	
PCB # (CLORINATION)								
8 (CL2)	5.7	+/-2.3	7.6		6.5		4.5	J
18 (CL3)	30.7	+/-8.1	33.3		27.7		34.6	
28 (CL3)	65.8	+/-24.7	149.8		80.3		118.3	
44 (CL4)	61.8	+/-27.3	90.7		74.7		103.3	
52 (CL4)	104.0	+/-37.	146.4		124.3		165.7	
66 (CL4)	103.0	+/-31.	124.6		91.5		139.1	
101 (CL5)	129.0	+/-44	176.4		137.5		187.7	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

INVEST#	NIST SRM 1974a		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID	CONSENSUS VALUES		SRM 1974a		SRM 1974a		SRM 1974a	
SITE								
LABSAMNO	SRM		Q9491		Q9501		Q9496	
SAMPLE TYPE			SRM		SRM		SRM	
UNIT	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
105 (CL5)	55.6	+/-18.5	66.2		45.5		65.6	
110/77 (CL5/4)			0.0	ND	274.0		304.3	
118/108/149(CL5/5/6)	133.0	+/-33	162.4		123.2		182.0	
128 (CL6)	21.7	+/-6.3	25.6		19.8		32.6	
138 (CL6)	147.0	+/-36	157.8		116.5		200.0	
126 (CL5)			0.0	ND	0.0	ND	0.0	ND
153 (CL6)	147.0	+/-38	211.3		186.6		226.4	
170 (CL7)	4.4	+/-2.3	8.1		7.4		7.5	
180 (CL7)	13.2	+/-3.3	31.9		25.1		39.5	
187/182/159(CL7/7/6)	32.2	+/-8.9	38.1		31.8		42.7	
195 (CL8)	0.7	+/-.38	0.0	ND	0.0	ND	0.0	ND
206 (CL9)	0.5	+/-.40	0.0	ND	1.3	J	0.3	J
209 (CL10)	1.1	+/-1.4	0.0	ND	0.0	ND	0.2	J

Pesticides and PCBs Data (Sediment)

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Sediment)

INVEST#:	FBFO		FBFO		FBFO		FBJB		FBJB		FBJB	
ID:	Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE:	Flamingo		Flamingo		Flamingo		Joe Bay		Joe Bay		Joe Bay	
LABSAMNO:	K8098		K8099		K8100		K8113		K8114		K8115	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	01/27/94		01/27/94		01/27/94		01/27/94		01/27/94		01/27/94	
QCBATCH:	M2106		M2106		M2106		M2106		M2106		M2106	
EXTRACTION DATE:	07/19/94		07/19/94		07/19/94		07/19/94		07/19/94		07/19/94	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	08/09/94		08/09/94		08/09/94		08/09/94		08/09/94		08/09/94	
MATRIX:	SEDIMENTS		SEDIMENTS		SEDIMENTS		SEDIMENTS		SEDIMENTS		SEDIMENTS	
WETWT:	30.03		30.07		30.22		30.21		30.16		30.19	
DRYWT:	8.95		8.27		8.05		8.73		9.46		8.87	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
% SOLIDS:	29.80		27.49		26.65		28.88		31.35		29.37	
Surrogate Recoveries												
Pesticides & PCBs												
DBOFB:	89.1		91.2		79.4		81.8		95.1		92.6	
PCB#103:	84.9		88.6		79.4		80.7		91.9		93.1	
PCB#198:	89.3		92.9		79.1		82.2		95.4		93.9	
TOTAL BHCs	0.03	J	0.04	J	0.03	J	0.05	J	0.02	J	0.04	J
OT CHLORDANES (S&T)	0.0	ND	0.0	J	0.0	ND	0.0	J	0.0	ND	0.0	ND
TOTAL DDTs	1.2		0.2	J	1.7		0.7	J	0.2	J	0.0	J
TOTAL PCBs (S&T)	4.6	J	11.9		2.4	J	2.3	J	2.3	J	2.3	J
ALPHA-BHC	0.0	J	0.0	J	0.0	J	0.0	J	0.0	J	0.0	J
HCB	0.0	J	0.0	J	0.0	J	0.0	J	0.0	J	0.0	J
BETA-BHC	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
GAMMA-BHC	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
DELTA-BHC	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
HEPTACHLOR	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
HEPTA-EPOXIDE	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
OXYCHLORDANE	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
AMMA-CHLORDANE	0.0	ND	0.0	ND	0.0	J	0.0	ND	0.0	ND	0.0	ND
ALPHA-CHLORDANE	0.0	ND	0.0	J	0.0	ND	0.0	J	0.0	ND	0.0	ND
TRANS-NONACHLOR	0.0	ND	0.0	ND	0.0	ND	0.0	J	0.0	ND	0.0	ND
CIS-NONACHLOR	0.0	ND	0.0	ND	0.0	ND	0.0	J	0.0	ND	0.0	ND

Mussel Watch Project Year 9 - Pesticides and PCBs Data (Sediment)

INVEST#:	FBFO		FBFO		FBFO		FBJB		FBJB		FBJB	
ID:	Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay		Florida Bay	
SITE:	Flamingo		Flamingo		Flamingo		Joe Bay		Joe Bay		Joe Bay	
LABSAMNO:	K8098		K8099		K8100		K8113		K8114		K8115	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
ALDRIN	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
DIELDRIN	0.0	J	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
ENDRIN	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
MIREX	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
2,4'DDE (O,P'DDE)	0.0	J	0.0	ND	0.0	J	0.6		0.0	J	0.0	ND
4,4'DDE (P,P'DDE)	0.7		0.1	J	0.2		0.1	J	0.0	J	0.0	J
2,4'DDD (O,P'DDD)	0.0	J	0.1	J	0.0	ND	0.0	ND	0.0	ND	0.0	ND
4,4'DDD (P,P'DDD)	0.4		0.0	ND	0.1	J	0.0	ND	0.0	ND	0.0	ND
2,4'DDT (O,P'DDT)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
4,4'DDT (P,P'DDT)	0.0	J	0.0	ND	1.4		0.0	ND	0.1	J	0.0	ND
CB # (CLORINATION)												
8 (CL2)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
18 (CL3)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
28 (CL3)	0.2	J	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
44 (CL4)	0.1	J	0.0	J	0.0	ND	0.0	ND	0.0	ND	0.0	ND
52 (CL4)	0.2	J	0.1	J	0.0	J	0.0	ND	0.0	J	0.0	ND
66 (CL4)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
101 (CL5)	0.1	J	0.0	J	0.0	J	0.0	ND	0.0	ND	0.0	J
105 (CL5)	0.0	J	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
110/77 (CL5/4)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
118/108/149(CL5/5/6)	0.1	J	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
128 (CL6)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
138 (CL6)	0.1	J	0.1	J	0.1	J	0.0	J	0.0	J	0.0	J
126 (CL5)	0.0	ND	0.0	ND	0.0	ND	0.0	J	0.0	ND	0.0	J
153 (CL6)	0.1	J	0.1	J	0.0	J	0.0	J	0.0	ND	0.0	ND
170 (CL7)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
180 (CL7)	0.1	J	0.1	J	0.0	J	0.0	J	0.0	ND	0.0	J
187/182/159(CL7/7/6)	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND	0.0	ND
195 (CL8)	0.0	ND	0.5		0.0	ND	0.0	ND	0.0	ND	0.0	ND
206 (CL9)	0.0	J	3.0		0.0	ND	0.0	ND	0.0	ND	0.0	ND
209 (CL10)	0.0	ND	0.4		0.0	ND	0.0	ND	0.0	ND	0.0	ND

Pesticides and PCBs QC Data (Sediment)

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

INVEST#	Lab QA Sample		FBFO		Lab QA Sample		Lab QA Sample	
ID	Proc Blank		Florida Bay		FBFO		FBFO	
SITE			Flamingo		Florida Bay		Florida Bay	
LABSAMNO	Q9572		K8100		Q9574		Q9575	
SAMPLE TYPE	BLANK		SAMP		MS		MSD	
UNIT	ng/g		ng/g		%		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL	Recovery	DB QUAL
RECEIPT DATE								
QCBATCH	M2106		M2106		M2106		M2106	
EXTRACTION DATE	07/19/94		07/19/94		07/19/94		07/19/94	
METHOD	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE	08/08/94		08/09/94		08/09/94		08/09/94	
MATRIX	SEDIMENTS		SEDIMENTS		SEDIMENTS		SEDIMENTS	
WETWT			30.22		30.12		30.10	
DRYWT	10.00		8.05		8.03		8.02	
WTUNITS	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
% SOLIDS			26.7%		26.7%		26.7%	
Surrogate Recoveries								
Pesticides & PCBs								
DBOFB	83.1		79.4		80.5		84.1	
PCB#103	83.1		79.4		82.8		84.5	
PCB#198	85.9		79.1		81.6		84.4	
TOTAL BHCs	0.00	ND	0.03	J		NA		NA
TOT CHLORDANES (S&T)	0.0	ND	0.0	ND		NA		NA
TOTAL DDTs	0.0	ND	1.7			NA		NA
TOTAL PCBs (S&T)	3.1	J	2.4	J				

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

INVEST#	Lab QA Sample		FBFO		Lab QA Sample		Lab QA Sample	
ID	Proc Blank		Florida Bay		FBFO		FBFO	
SITE			Flamingo		Florida Bay		Florida Bay	
LABSAMNO	Q9572		K8100		Q9574		Q9575	
SAMPLE TYPE	BLANK		SAMP		MS		MSD	
UNIT	ng/g		ng/g		%		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL	Recovery	DB QUAL
ALPHA-BHC	0.0	ND	0.0	J	80.6		79.6	
HCB	0.0	J	0.0	J	89.8		89.9	
BETA-BHC	0.0	ND	0.0	ND	70.4		65.3	
GAMMA-BHC	0.0	ND	0.0	ND	90.6		87.3	
DELTA-BHC	0.0	ND	0.0	ND	66.9		73.9	
HEPTACHLOR	0.0	ND	0.0	ND	80.4		79.7	
HEPTA-EPOXIDE	0.0	ND	0.0	ND	83.7		73.5	
OXYCHLORDANE	0.0	ND	0.0	ND	104.5		101.1	
GAMMA-CHLORDANE	0.0	ND	0.0	J	89.3		85.3	
ALPHA-CHLORDANE	0.0	ND	0.0	ND	91.4		88.2	
TRANS-NONACHLOR	0.0	ND	0.0	ND	88.8		86.2	
CIS-NONACHLOR	0.0	ND	0.0	ND	90.8		84.6	
ALDRIN	0.0	ND	0.0	ND	87.3		88.6	
DIELDRIN	0.0	ND	0.0	ND	76.2		71.8	
ENDRIN	0.0	ND	0.0	ND	93.7		82.6	
MIREX	0.0	ND	0.0	ND	92.9		92.7	
2,4'DDE (O,P'DDE)	0.0	ND	0.0	J	77.1		77.3	
4,4'DDE (P,P'DDE)	0.0	ND	0.2		85.2		88.8	
2,4'DDD (O,P'DDD)	0.0	ND	0.0	ND	96.9		91.6	
4,4'DDD (P,P'DDD)	0.0	ND	0.1	J	97.3		89.5	
2,4'DDT (O,P'DDT)	0.0	ND	0.0	ND	88.8		84.6	
4,4'DDT (P,P'DDT)	0.0	ND	1.4		55.3		49.7	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

INVEST#	Lab QA Sample		FBFO		Lab QA Sample		Lab QA Sample	
ID	Proc Blank		Florida Bay		FBFO		FBFO	
SITE			Flamingo		Florida Bay		Florida Bay	
LABSAMNO	Q9572		K8100		Q9574		Q9575	
SAMPLE TYPE	BLANK		SAMP		MS		MSD	
UNIT	ng/g		ng/g		%		%	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Recovery	DB QUAL	Recovery	DB QUAL
PCB # (CLORINATION)								
8 (CL2)	0.0	ND	0.0	ND	89.2		88.7	
18 (CL3)	0.0	ND	0.0	ND	94.2		89.6	
28 (CL3)	0.0	ND	0.0	ND	97.2		96.8	
44 (CL4)	0.0	ND	0.0	ND	98.3		95.0	
52 (CL4)	0.0	ND	0.0	J	102.6		101.5	
66 (CL4)	0.0	ND	0.0	ND	80.8		79.8	
101 (CL5)	0.0	ND	0.0	J	98.0		96.3	
105 (CL5)	0.0	ND	0.0	ND	102.2		96.4	
110/77 (CL5/4)	0.0	ND	0.0	ND	112.6		110.3	
118/108/149(CL5/5/6)	0.0	ND	0.0	ND	99.1		98.5	
128 (CL6)	0.0	ND	0.0	ND	107.8		93.2	
138 (CL6)	0.0	J	0.1	J	98.7		95.7	
126 (CL5)	0.0	ND	0.0	ND	106.8		102.7	
153 (CL6)	0.0	ND	0.0	J	71.7		70.9	
170 (CL7)	0.4		0.0	ND	97.9		98.3	
180 (CL7)	0.0	ND	0.0	J	90.8		92.2	
187/182/159(CL7/7/6)	0.0	ND	0.0	ND	82.8		79.1	
195 (CL8)	0.0	ND	0.0	ND	95.9		96.0	
206 (CL9)	0.0	ND	0.0	ND	78.9		79.6	
209 (CL10)	0.0	ND	0.0	ND	95.4		95.3	
Surrogate Recoveries								
DBOFB%	83.1		79.4		80.5		84.1	
PCB#103%	83.1		79.4		82.8		84.5	
PCB#198%	85.9		79.1		81.6		84.4	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

INVEST#	NIST SRM 1941a		Lab QA Sample	
ID	Certified Values		SRM 1941a	
SITE				
LABSAMNO	SRM		Q9573	
SAMPLE TYPE			SRM	
UNIT	ng/g		ng/g	
Analyte	Values	Range	Conc	DB QUAL
RECEIPT DATE				
QCBATCH			M2106	
EXTRACTION DATE			07/19/94	
METHOD			GCECD	
ANALYSIS DATE			08/08/94	
MATRIX			SEDIMENTS	
WETWT				
DRYWT			1.01	
WTUNITS			GRAMS	DRY
% SOLIDS				
Surrogate Recoveries				
Pesticides & PCBs				
DBOFB			93.9	
PCB#103			88.1	
PCB#198			90.4	
TOTAL BHCs			0.57	J
TOT CHLORDANES (S&T)			1.9	J
TOTAL DDTs			10.7	
TOTAL PCBs (S&T)			271.0	

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

INVEST#	NIST SRM 1941a		Lab QA Sample	
ID	Certified Values		SRM 1941a	
SITE				
LABSAMNO	SRM		Q9573	
SAMPLE TYPE			SRM	
UNIT	ng/g		ng/g	
Analyte	Values	Range	Conc	DB QUAL
ALPHA-BHC			0.4	J
HCB	70.0	+/-25	53.7	
BETA-BHC			0.0	ND
GAMMA-BHC			0.2	J
DELTA-BHC			0.0	ND
HEPTACHLOR			0.0	ND
HEPTA-EPOXIDE			0.0	ND
OXYCHLORDANE	NC 2.6	+/-.19	0.2	J
GAMMA-CHLORDANE			1.1	
ALPHA-CHLORDANE	2.3	+/-.56	1.4	
TRANS-NONACHLOR	1.3	+/-.13	0.5	J
CIS-NONACHLOR			0.6	J
ALDRIN			0.0	ND
DIELDRIN	NC 1.3	+/-.37	2.1	
ENDRIN			0.0	ND
MIREX			0.0	ND
2,4'DDE (O,P'DDE)	0.7	+/-.11	0.0	ND
4,4'DDE (P,P'DDE)	6.6	+/-.56	5.5	
2,4'DDD (O,P'DDD)			0.6	J
4,4'DDD (P,P'DDD)	5.1	+/-.58	4.1	
2,4'DDT (O,P'DDT)			0.0	ND
4,4'DDT (P,P'DDT)	NC 1.3	+/-.10	0.6	J

Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

INVEST#	NIST SRM 1941a		Lab QA Sample	
ID	Certified Values		SRM 1941a	
SITE				
LABSAMNO	SRM		Q9573	
SAMPLE TYPE			SRM	
UNIT	ng/g		ng/g	
Analyte	Values	Range	Conc	DB QUAL
PCB # (CLORINATION)				
8 (CL2)	NC 1.4	+/-.19	1.6	J
18 (CL3)	NC 1.2	+/-.16	2.7	
28 (CL3)	NC 9.8	+/-3.7	7.0	
44 (CL4)	4.8	+/-.62	4.0	
52 (CL4)	6.9	+/-.56	11.4	
66 (CL4)	6.8	+/-1.4	6.0	
101 (CL5)	11.0	+/-1.6	11.6	
105 (CL5)	3.7	+/-.27	1.5	J
110/77 (CL5/4)	9.5	+/-.85	18.1	
118/108/149(CL5/5/6)	10.0	+/-1.1	5.7	
128 (CL6)	1.9	+/-.32	0.0	ND
138 (CL6)	13.4	+/-.97	10.7	
126 (CL5)		+/-	2.6	
153 (CL6)	17.6	+/-1.9	10.9	
170 (CL7)	3.0	+/-.46	23.3	
180 (CL7)	5.8	+/-.58	7.2	
187/182/159(CL7/7/6)	NC 7.0	+/-2.6	3.7	
195 (CL8)		+/-	1.3	J
206 (CL9)	3.7	+/-.87	1.4	J
209 (CL10)	8.3	+/-.49	4.6	
Surrogate Recoveries				
DBOFB%			93.9	
PCB#103%			88.1	
PCB#198%			90.4	

Trace Metal Results

Trace Metal Data
(Tissue)

Mussel Watch Project Year 9 - Trace Metal (Tissue)

SITE	LAB SAMP	REP NO.	OTHDG DATE	ADG DATE	HGDG DATE	WET WT. REC'D	AD WT.	HGDG WT.	NAAD WT.	MOIST (%)	UNIT TM	UNIT QUAL.
LMSB	K8009	1	12/19/94	12/21/94	1/16/95	57.63	0.1982	0.2113	0.3831	89.17	ppm	Dry
LMPI	K8017	1	12/19/94	12/21/94	1/16/95	30.31	0.2054	0.2009	0.3985	87.43	ppm	Dry
LMAC	K8013	1	12/19/94	12/21/94	1/16/95	46.05	0.2110	0.1988	0.4099	83.58	ppm	Dry
CCNB	K8019	1	12/19/94	12/21/94	1/16/95	42.89	0.2036	0.2128	0.3988	82.79	ppm	Dry
ABLR	K8033	1	12/20/94	12/21/94	1/16/95	225.77	0.2019	0.2147	0.3979	85.35	ppm	Dry
MBAR	K8021	1	12/20/94	12/21/94	1/16/95	97.19	0.2177	0.1973	0.4132	86.82	ppm	Dry
SAPP	K8027	1	12/20/94	12/21/94	1/16/95	93.48	0.2108	0.1931	0.3987	86.82	ppm	Dry
ESSP	K8031	1	12/20/94	12/21/94	1/16/95	81.45	0.2191	0.2019	0.4058	82.25	ppm	Dry
ESBD	K8029	1	12/20/94	12/21/94	1/16/95	68.06	0.2082	0.2138	0.4229	89.32	ppm	Dry
MBGP	K8025	1	12/20/94	12/21/94	1/16/95	86.94	0.2182	0.1979	0.4182	84.33	ppm	Dry
MBCB	K8023	1	12/20/94	12/21/94	1/16/95	181.88	0.2103	0.1994	0.4143	90.15	ppm	Dry
BRCL	K8005	1	12/19/94	12/21/94	1/16/95	28.46	0.2155	0.1937	0.3804	86.93	ppm	Dry
GBTD	K8001	1	12/19/94	12/21/94	1/16/95	245.33	0.2179	0.1925	0.4229	83.54	ppm	Dry
GBOB	K8007	1	12/19/94	12/21/94	1/16/95	79.51	0.2183	0.2024	0.3835	80.53	ppm	Dry
GBSC	K8003	1	12/19/94	12/21/94	1/16/95	6.32	0.1979	0.2052	0.3948	79.91	ppm	Dry
SLBB	K8011	1	12/19/94	12/21/94	1/16/95	48.30	0.2075	0.2067	0.4155	85.76	ppm	Dry
CLLC	K8015	1	12/19/94	12/21/94	1/16/95	39.04	0.2048	0.1993	0.3936	82.63	ppm	Dry
VBSP	K8041	1	12/20/94	12/21/94	1/16/95	37.89	0.2169	0.2076	0.3625	83.16	ppm	Dry
CLCL	K8035	1	12/20/94	12/21/94	1/16/95	56.72	0.2109	0.1942	0.4125	83.59	ppm	Dry
TBLF	K8037	1	12/19/94	12/21/94	1/16/95	45.50	0.2165	0.1954	0.4050	82.26	ppm	Dry
MRPL	K8043	1	12/20/94	12/21/94	1/16/95	77.43	0.2083	0.2034	0.3988	90.82	ppm	Dry
BSSI	K8039	1	12/20/94	12/21/94	1/16/95	168.42	0.2092	0.1959	0.4282	89.92	ppm	Dry
LBMP	K8045	1	12/20/94	1/12/95	1/16/95	91.20	0.2054	0.1961	0.3962	88.82	ppm	Dry
LBNO	K8047	1	12/20/94	12/21/94	1/16/95	135.20	0.2162	0.1996	0.4169	88.80	ppm	Dry
MSPC	K8053	1	12/20/94	12/21/94	1/16/95	66.12	0.2066	0.2057	0.4042	86.36	ppm	Dry
MSPB	K8055	1	12/20/94	12/21/94	1/16/95	70.31	0.2027	0.1925	0.4070	88.14	ppm	Dry
MBCP	K8049	1	12/20/94	12/21/94	1/16/95	120.30	0.2089	0.2144	0.4068	81.75	ppm	Dry
MBHI	K8051	1	12/20/94	12/21/94	1/16/95	65.93	0.2105	0.1939	0.4063	84.70	ppm	Dry
PBPH	K8059	1	12/20/94	1/5/95	1/16/95	43.75	0.1988	0.2050	0.4125	82.90	ppm	Dry
PBIB	K8057	1	12/20/94	12/21/94	1/16/95	47.55	0.2090	0.1999	0.4149	89.86	ppm	Dry
CBJB	K8067	1	12/20/94	12/21/94	1/16/95	25.56	0.2235	0.2088	0.3975	87.56	ppm	Dry
CBBL	K8065	1	12/20/94	12/21/94	1/16/95	21.31	0.2074	0.1928	0.3924	90.47	ppm	Dry
CBPP	K8061	1	12/20/94	12/21/94	1/16/95	29.46	0.2112	0.2089	0.3918	85.98	ppm	Dry

Mussel Watch Project Year 9 - Trace Metal (Tissue)

SITE	LAB SAMP	REP NO.	OTHDG DATE	ADG DATE	HGDG DATE	WET WT. REC'D	AD WT.	HGDG WT.	NAAD WT.	MOIST (%)	UNIT TM	UNIT QUAL.
CBBB	K8063	1	12/20/94	12/21/94	1/16/95	46.73	0.2111	0.2125	0.3741	87.85	ppm	Dry
PCLO	K8069	1	12/20/94	12/21/94	1/16/95	29.12	0.2157	0.1957	0.3885	89.18	ppm	Dry
AESP	K8071	1	12/20/94	12/21/94	1/16/95	34.44	0.2041	0.2096	0.4192	90.39	ppm	Dry
CKBP	K8073	1	12/20/94	1/5/95	1/16/95	39.12	0.1937	0.2015	0.4056	87.27	ppm	Dry
TBOT	K8081	1	12/20/94	1/5/95	1/16/95	51.86	1.0000	0.1983	0.4025	91.96	ppm	Dry
TBPB	K8079	1	12/20/94	12/21/94	1/16/95	35.29	0.2184	0.2058	0.3897	84.70	ppm	Dry
TBHB	K8085	1	12/20/94	1/12/95	1/16/95	111.60	0.2159	0.2066	0.4176	85.56	ppm	Dry
TBMK	K8089	1	12/20/94	1/5/95	1/16/95	104.08	0.2075	0.2028	0.3902	87.32	ppm	Dry
TBKA	K8075	1	12/20/94	12/21/94	1/16/95	86.84	0.2065	0.2068	0.4146	84.77	ppm	Dry
TBNP	K8083	1	12/20/94	1/5/95	1/16/95	36.83	0.2107	0.2093	0.4156	83.52	ppm	Dry
CBBI	K8087	1	12/20/94	1/5/95	1/16/95	61.55	0.1941	0.2015	0.4242	86.21	ppm	Dry
RBHC	K8091	1	12/20/94	1/5/95	1/16/95	76.57	0.2089	0.2102	0.4185	89.07	ppm	Dry
FBFO	K8095	1	12/20/94	1/5/95	1/16/95	79.48	0.2090	0.2092	0.4010	84.66	ppm	Dry
FBFO	K8096	2	12/20/94	1/26/95	1/16/95	100.67	0.2026	0.2129	0.4189	87.13	ppm	Dry
FBFO	K8097	3	12/20/94	1/5/95	1/16/95	121.44	0.2114	0.2047	0.4005	89.90	ppm	Dry
FBJB	K8110	1	12/20/94	1/12/95	1/16/95	20.51	0.2096	0.2088	0.3932	91.27	ppm	Dry
FBJB	K8111	2	12/20/94	1/12/95	1/16/95	23.83	0.1998	0.1983	0.4183	90.47	ppm	Dry
FBJB	K8112	3	12/20/94	1/5/95	1/16/95	13.16	0.2035	0.2082	0.3971	90.50	ppm	Dry
BHKF	K8077	1	12/20/94	12/21/94	1/16/95	60.30	0.2030	0.2029	0.4018	82.89	ppm	Dry
PRBB	K8127	1	12/20/94	1/5/95	1/16/95	34.71	0.2064	0.2050	0.4135	87.93	ppm	Dry
PRBM	K8125	1	12/20/94	1/5/95	1/16/95	22.59	0.2028	0.2048	0.3907	88.31	ppm	Dry
PRBJ	K8123	1	12/20/94	1/5/95	1/16/95	26.14	0.2050	0.1927	0.3882	87.45	ppm	Dry

Mussel Watch Project Year 9 - Trace Metal (Tissue)

SITE	LAB SAMP	REP NO.	Ag	Al	As	Cd	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Se	Sn	Zn
LMSB	K8009	1	1.02	693	9.9	1.81	0.54	50.0	470	0.124	15.1	0.81	0.67	2.53	0.00	1023
LMPI	K8017	1	1.28	648	12.1	1.48	0.88	141.6	632	0.059	23.8	0.96	0.96	3.24	0.30	4237
LMAC	K8013	1	0.55	652	19.7	1.49	0.59	29.2	391	0.128	19.2	0.75	0.57	3.16	0.00	422
CCNB	K8019	1	1.28	223	7.0	5.68	0.00	78.5	183	0.108	9.3	0.71	1.05	3.86	0.00	2997
ABLR	K8033	1	1.71	903	4.9	4.25	0.00	82.4	246	0.067	13.4	1.90	0.70	2.82	0.00	931
MBAR	K8021	1	3.58	450	4.5	5.81	0.00	137.8	271	0.073	11.1	1.97	0.73	3.46	0.00	1232
SAPP	K8027	1	3.04	1197	4.2	6.35	0.85	114.1	463	0.058	21.8	2.51	0.83	2.97	0.00	804
ESSP	K8031	1	2.91	251	7.3	3.58	0.50	81.0	222	0.059	12.3	1.59	0.51	3.82	0.00	711
ESBD	K8029	1	1.32	151	9.3	3.13	0.79	79.9	214	0.138	9.1	2.26	0.42	2.29	0.00	930
MBGP	K8025	1	3.16	1541	7.1	3.85	1.38	112.7	667	0.092	17.3	1.93	1.01	3.77	0.00	2028
MBCB	K8023	1	5.84	352	6.9	5.23	2.15	184.0	378	0.132	11.5	2.31	0.50	3.41	0.00	2230
BRCL	K8005	1	1.60	1401	6.3	2.65	2.56	94.1	1310	0.107	27.5	1.94	0.98	3.09	0.00	1733
GBTD	K8001	1	1.29	114	6.7	3.06	0.00	84.7	155	0.041	8.7	1.72	0.38	2.78	0.34	1736
GBOB	K8007	1	0.90	64	7.2	1.89	0.00	98.4	141	0.035	17.3	0.93	0.88	2.20	0.00	4679
GBSC	K8003	1	1.75	627	6.3	4.29	2.36	130.6	512	0.054	69.6	1.95	1.40	5.39	0.89	3946
SLBB	K8011	1	4.03	1131	10.3	5.48	2.52	201.6	1175	0.089	45.3	2.00	0.88	3.75	0.20	3713
CLLC	K8015	1	1.46	538	6.8	2.66	1.25	90.4	411	0.104	21.1	1.90	0.80	3.81	0.32	2963
VBSP	K8041	1	3.58	150	7.3	6.81	0.00	243.8	250	0.034	9.8	1.44	0.50	3.86	0.15	1858
CLCL	K8035	1	1.10	855	7.5	4.43	1.61	116.2	470	0.053	16.6	1.95	0.69	2.02	0.16	1587
TBLF	K8037	1	0.32	306	8.8	1.65	0.34	72.2	296	0.037	10.0	1.64	0.60	2.40	0.00	1213
MRPL	K8043	1	7.68	609	5.5	17.72	1.08	398.1	542	0.098	36.5	3.00	0.68	4.92	0.29	6204
BSSI	K8039	1	3.84	178	6.3	14.39	0.00	279.0	208	0.057	11.6	2.31	0.49	4.00	0.00	4170
LBMP	K8045	1	1.87	129	4.9	9.30	1.16	189.0	199	0.130	15.5	2.38	0.46	3.61	0.00	3650
LBNO	K8047	1	1.31	204	4.2	5.75	0.00	147.9	239	0.104	8.7	2.17	0.50	2.92	0.00	3390
MSPC	K8053	1	4.22	236	8.4	9.09	0.00	131.6	344	0.135	24.9	1.40	0.87	3.54	0.00	5620
MSPB	K8055	1	2.95	1089	19.4	3.01	2.99	176.3	774	0.149	28.4	1.59	1.06	3.39	0.22	4949
MBCP	K8049	1	1.15	315	10.1	2.30	0.00	35.2	169	0.059	16.7	1.26	0.30	2.40	0.00	463
MBHI	K8051	1	4.47	1317	7.1	5.90	1.61	263.5	644	0.074	33.4	2.61	0.84	2.08	0.00	6961
PBPH	K8059	1	1.87	91	11.9	3.21	0.00	36.9	254	0.093	10.8	0.76	0.46	3.44	0.18	1668
PBIB	K8057	1	3.41	1313	9.0	4.11	1.41	58.7	935	0.175	25.7	1.50	0.74	3.27	0.15	1322
CBJB	K8067	1	0.61	705	16.0	2.17	0.95	226.5	1068	0.187	12.1	1.18	1.41	4.31	0.20	3375
CBBL	K8065	1	3.73	451	11.7	1.97	0.71	207.5	545	0.165	14.3	1.15	1.79	5.63	0.26	2890
CBPP	K8061	1	3.06	276	13.3	1.89	0.00	34.1	365	0.152	12.5	0.81	5.03	4.97	0.00	1755

Mussel Watch Project Year 9 - Trace Metal (Tissue)

SITE	LAB SAMP	REP NO.	Ag	Al	As	Cd	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Se	Sn	Zn
CBBB	K8063	1	16.65	933	11.1	2.82	1.14	145.0	596	0.206	14.0	1.24	4.27	5.55	0.24	3194
PCLO	K8069	1	0.57	624	11.1	1.47	0.87	28.4	637	0.366	12.5	1.46	1.20	3.29	0.00	2587
AESP	K8071	1	0.86	490	19.0	3.12	0.91	24.0	396	0.228	15.8	0.97	0.63	3.80	0.00	665
CKBP	K8073	1	0.51	318	16.4	2.67	1.05	18.9	359	0.193	20.7	0.94	0.62	2.92	0.00	619
TBOT	K8081	1	2.68	167	4.1	3.98	0.00	106.7	559	0.329	11.7	1.77	0.91	3.24	0.00	7590
TBPB	K8079	1	1.70	180	7.7	2.14	0.67	71.3	269	0.282	0.0	1.15	1.26	2.65	0.00	2047
TBHB	K8085	1	1.39	86	5.5	2.06	0.74	55.2	138	0.151	10.8	0.74	0.90	2.19	0.27	2324
TBMK	K8089	1	0.47	138	12.4	1.58	0.00	14.7	141	0.163	5.2	0.85	0.41	1.54	0.00	306
TBKA	K8075	1	3.54	81	8.5	1.36	0.55	76.6	177	0.127	11.6	0.84	1.33	2.75	0.33	4328
TBNP	K8083	1	1.57	58	42.6	0.83	0.00	54.6	126	0.121	6.3	0.91	0.70	2.18	0.00	2545
CBBI	K8087	1	2.73	188	12.1	2.15	0.62	110.1	222	0.184	6.9	0.81	0.42	2.25	0.00	2916
RBHC	K8091	1	1.94	173	11.9	1.49	0.75	65.5	231	0.195	5.7	0.74	0.34	2.35	0.00	967
FBFO	K8095	1	1.33	65	15.7	1.05	0.90	521.5	155	0.098	5.4	0.45	0.44	1.76	0.60	4394
FBFO	K8096	2	0.85	53	14.7	0.00	0.00	0.0	127	0.206	4.1	0.60	0.34	1.47	0.00	638
FBFO	K8097	3	1.27	59	13.4	2.47	0.00	77.5	148	0.252	4.7	0.59	0.26	1.39	0.00	1134
FBJB	K8110	1	1.17	325	7.7	1.59	1.28	49.7	442	0.271	10.9	1.07	0.30	4.92	0.00	963
FBJB	K8111	2	0.94	469	5.8	1.38	0.96	51.6	305	0.280	13.3	1.23	0.38	4.10	0.00	705
FBJB	K8112	3	1.07	424	7.6	1.70	1.43	46.7	374	0.318	13.6	1.06	0.34	4.58	0.00	920
BHKF	K8077	1	0.00	39	74.2	2.88	0.91	6.1	107	0.098	5.3	2.95	0.29	2.05	0.00	124
PRBB	K8127	1	0.20	620	9.1	0.44	1.02	53.3	444	0.081	27.3	1.83	0.25	2.31	1.25	907
PRBM	K8125	1	1.37	227	13.4	0.53	0.62	189.3	238	0.100	10.5	0.87	0.23	4.02	0.00	2334
PRBJ	K8123	1	0.56	448	12.3	0.95	0.00	120.5	334	0.096	18.5	0.73	0.28	3.43	0.00	689

Trace Metal QC Data
(Tissue)

Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

SITE	LAB SAMP	ADG DATE	HGDG DATE	OTHDG DATE	SAMP TYPE	WET WT REC'D	ADWT	HGDWT	NAADWT	MOIST (%)	UNIT TM	UNIT QUAL
	DLDRY				DLDRY						PPM	DRY
LMSB	8009	12/21/94	1/16/95	12/19/94	SAMP	57.63	0.1982	0.2113	0.3831	89.17	PPM	DRY
LMPI	8017	12/21/94	1/16/95	12/19/94	SAMP	30.31	0.2054	0.2009	0.3985	87.43	PPM	DRY
LMAC	8013	12/21/94	1/16/95	12/19/94	SAMP	46.05	0.2110	0.1988	0.4099	83.58	PPM	DRY
CCNB	8019	12/21/94	1/16/95	12/19/94	SAMP	42.89	0.2036	0.2128	0.3988	82.79	PPM	DRY
ABLR	8033	12/21/94	1/16/95	12/20/94	SAMP	225.77	0.2019	0.2147	0.3979	85.35	PPM	DRY
MBAR	8021	12/21/94	1/16/95	12/20/94	SAMP	97.19	0.2177	0.1973	0.4132	86.82	PPM	DRY
SAPP	8027	12/21/94	1/16/95	12/20/94	SAMP	93.48	0.2108	0.1931	0.3987	86.82	PPM	DRY
SAPP	8027DUP	12/21/94	1/16/95	12/20/94	LDUP		0.2136	0.2000	0.4202		PPM	DRY
ESSP	8031	12/21/94	1/16/95	12/20/94	SAMP	81.45	0.2191	0.2019	0.4058	82.25	PPM	DRY
ESBD	8029	12/21/94	1/16/95	12/20/94	SAMP	68.06	0.2082	0.2138	0.4229	89.32	PPM	DRY
MBGP	8025	12/21/94	1/16/95	12/20/94	SAMP	86.94	0.2182	0.1979	0.4182	84.33	PPM	DRY
MBCB	8023	12/21/94	1/16/95	12/20/94	SAMP	181.88	0.2103	0.1994	0.4143	90.15	PPM	DRY
BRCL	8005	12/21/94	1/16/95	12/19/94	SAMP	28.46	0.2155	0.1937	0.3804	86.93	PPM	DRY
GBTD	8001	12/21/94	1/16/95	12/19/94	SAMP	245.33	0.2179	0.1925	0.4229	83.54	PPM	DRY
GBTD	8001DUP	12/21/94	1/16/95	12/19/94	LDUP		0.1992	0.1948	0.3859		PPM	DRY
GBOB	8007	12/21/94	1/16/95	12/19/94	SAMP	79.51	0.2183	0.2024	0.3835	80.53	PPM	DRY
GBSC	8003	12/21/94	1/16/95	12/19/94	SAMP	6.32	0.1979	0.2052	0.3948	79.91	PPM	DRY
SLBB	8011	12/21/94	1/16/95	12/19/94	SAMP	48.30	0.2075	0.2067	0.4155	85.76	PPM	DRY
SLBB	8011SPK	12/21/94	1/16/95	12/19/94	MS		0.2155	0.2140	0.4310		PPM	DRY
SLBB	SPIKE				SPIKE						PPM	DRY
CLLC	8015	12/21/94	1/16/95	12/19/94	SAMP	39.04	0.2048	0.1993	0.3936	82.63	PPM	DRY
VBSP	8041	12/21/94	1/16/95	12/20/94	SAMP	37.89	0.2169	0.2076	0.3625	83.16	PPM	DRY
CLCL	8035	12/21/94	1/16/95	12/20/94	SAMP	56.72	0.2109	0.1942	0.4125	83.59	PPM	DRY
TBLF	8037	12/21/94	1/16/95	12/19/94	SAMP	45.50	0.2165	0.1954	0.4050	82.26	PPM	DRY
TBLF	8037SPK	12/21/94	1/16/95	12/19/94	MS		0.2112	0.2093	0.4080		PPM	DRY
TBLF	SPIKE				SPIKE						PPM	DRY
MRPL	8043	12/21/94	1/16/95	12/20/94	SAMP	77.43	0.2083	0.2034	0.3988	90.82	PPM	DRY
BSSI	8039	12/21/94	1/16/95	12/20/94	SAMP	168.42	0.2092	0.1959	0.4282	89.92	PPM	DRY
LBMP	8045	1/12/95	1/16/95	12/20/94	SAMP	91.20	0.2054	0.1961	0.3962	88.82	PPM	DRY
LBNO	8047	12/21/94	1/16/95	12/20/94	SAMP	135.20	0.2162	0.1996	0.4169	88.80	PPM	DRY
LBNO	8047DUP	12/21/94	1/16/95	12/20/94	LDUP		0.2160	0.1999	0.4268		PPM	DRY
MSPC	8053	12/21/94	1/16/95	12/20/94	SAMP	66.12	0.2066	0.2057	0.4042	86.36	PPM	DRY
MSPB	8055	12/21/94	1/16/95	12/20/94	SAMP	70.31	0.2027	0.1925	0.4070	88.14	PPM	DRY

Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

SITE	LAB SAMP	ADG DATE	HGDG DATE	OTHDG DATE	SAMP TYPE	WET WT REC'D	ADWT	HGDWT	NAADWT	MOIST (%)	UNIT TM	UNIT QUAL
MSPB	8055SPK	12/21/94	1/16/95	12/20/94	MS		0.2017	0.1914	0.4357		PPM	DRY
MSPB	SPIKE				SPIKE						PPM	DRY
MBCP	8049	12/21/94	1/16/95	12/20/94	SAMP	120.30	0.2089	0.2144	0.4068	81.75	PPM	DRY
MBHI	8051	12/21/94	1/16/95	12/20/94	SAMP	65.93	0.2105	0.1939	0.4063	84.70	PPM	DRY
PBPH	8059	1/5/95	1/16/95	12/20/94	SAMP	43.75	0.1988	0.2050	0.4125	82.90	PPM	DRY
PBIB	8057	12/21/94	1/16/95	12/20/94	SAMP	47.55	0.2090	0.1999	0.4149	89.86	PPM	DRY
CBJB	8067	12/21/94	1/16/95	12/20/94	SAMP	25.56	0.2235	0.2088	0.3975	87.56	PPM	DRY
CBBL	8065	12/21/94	1/16/95	12/20/94	SAMP	21.31	0.2074	0.1928	0.3924	90.47	PPM	DRY
CBBL	8065DUP	12/21/94	1/16/95	12/20/94	LDUP		0.1999	0.1981	0.3995		PPM	DRY
CBPP	8061	12/21/94	1/16/95	12/20/94	SAMP	29.46	0.2112	0.2089	0.3918	85.98	PPM	DRY
CBBB	8063	12/21/94	1/16/95	12/20/94	SAMP	46.73	0.2111	0.2125	0.3741	87.85	PPM	DRY
PCLO	8069	12/21/94	1/16/95	12/20/94	SAMP	29.12	0.2157	0.1957	0.3885	89.18	PPM	DRY
AESP	8071	12/21/94	1/16/95	12/20/94	SAMP	34.44	0.2041	0.2096	0.4192	90.39	PPM	DRY
BBPR	8127	1/5/95	1/16/95	12/20/94	SAMP	34.71	0.2064	0.2050	0.4135	87.93	PPM	DRY
CKBP	8073	1/5/95	1/16/95	12/20/94	SAMP	39.12	0.1937	0.2015	0.4056	87.27	PPM	DRY
TBOT	8081	1/5/95	1/16/95	12/20/94	SAMP	51.86	1.0000	0.1983	0.4025	91.96	PPM	DRY
TBPB	8079	12/21/94	1/16/95	12/20/94	SAMP	35.29	0.2184	0.2058	0.3897	84.70	PPM	DRY
TBPB	8079SPK	12/21/94	1/16/95	12/20/94	MS		0.2075	0.2124	0.4214		PPM	DRY
TBPB	SPIKE				SPIKE						PPM	DRY
TBHB	8085	1/12/95	1/16/95	12/20/94	SAMP	111.60	0.2159	0.2066	0.4176	85.56	PPM	DRY
TBMK	8089	1/5/95	1/16/95	12/20/94	SAMP	104.08	0.2075	0.2028	0.3902	87.32	PPM	DRY
TBKA	8075	12/21/94	1/16/95	12/20/94	SAMP	86.84	0.2065	0.2068	0.4146	84.77	PPM	DRY
TBNP	8083	1/5/95	1/16/95	12/20/94	SAMP	36.83	0.2107	0.2093	0.4156	83.52	PPM	DRY
CBBI	8087	1/5/95	1/16/95	12/20/94	SAMP	61.55	0.1941	0.2015	0.4242	86.21	PPM	DRY
RBHC	8091	1/5/95	1/16/95	12/20/94	SAMP	76.57	0.2089	0.2102	0.4185	89.07	PPM	DRY
FBFO 1	8095	1/5/95	1/16/95	12/20/94	SAMP	79.48	0.2090	0.2092	0.4010	84.66	PPM	DRY
FBFO 2	8096	1/26/95	1/16/95	12/20/94	SAMP	100.67	0.2026	0.2129	0.4189	87.13	PPM	DRY
FBFO 3	8097	1/5/95	1/16/95	12/20/94	SAMP	121.44	0.2114	0.2047	0.4005	89.90	PPM	DRY
FBJB 1	8110	1/12/95	1/16/95	12/20/94	SAMP	20.51	0.2096	0.2088	0.3932	91.27	PPM	DRY
FBLB 2	8111	1/12/95	1/16/95	12/20/94	SAMP	23.83	0.1998	0.1983	0.4183	90.47	PPM	DRY
FBJB 3	8112	1/5/95	1/16/95	12/20/94	SAMP	13.16	0.2035	0.2082	0.3971	90.50	PPM	DRY
BHKF	8077	12/21/94	1/16/95	12/20/94	SAMP	60.30	0.2030	0.2029	0.4018	82.89	PPM	DRY
BJPR	8123	1/5/95	1/16/95	12/20/94	SAMP	26.14	0.2050	0.1927	0.3882	87.45	PPM	DRY
BMPR	8125	1/5/95	1/16/95	12/20/94	SAMP	22.59	0.2028	0.2048	0.3907	88.31	PPM	DRY

Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

SITE	LAB SAMP	Ag	Al	As	Cd	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Se	Sn	Zn
	DLDRY	0.10	121	0.41	0.003	0.50	0.16	493	0.012	3.8	0.15	0.11	0.60	0.14	2.3
LMSB	8009	1.02	693	9.9	1.81	0.54	50.0	470	0.124	15.1	0.81	0.67	2.53	0.00	1023
LMPI	8017	1.28	648	12.1	1.48	0.88	141.6	632	0.059	23.8	0.96	0.96	3.24	0.30	4237
LMAC	8013	0.55	652	19.7	1.49	0.59	29.2	391	0.128	19.2	0.75	0.57	3.16	0.00	422
CCNB	8019	1.28	223	7.0	5.68	0.00	78.5	183	0.108	9.3	0.71	1.05	3.86	0.00	2997
ABLR	8033	1.71	903	4.9	4.25	0.00	82.4	246	0.067	13.4	1.90	0.70	2.82	0.00	931
MBAR	8021	3.58	450	4.5	5.81	0.00	137.8	271	0.073	11.1	1.97	0.73	3.46	0.00	1232
SAPP	8027	3.04	1197	4.2	6.35	0.85	114.1	463	0.058	21.8	2.51	0.83	2.97	0.00	804
SAPP	8027DUP	3.36	1289	5.1	6.33	1.25	114.9	609	0.064	25.2	2.51	0.83	3.54	0.00	845
ESSP	8031	2.91	251	7.3	3.58	0.50	81.0	222	0.059	12.3	1.59	0.51	3.82	0.00	711
ESBD	8029	1.32	151	9.3	3.13	0.79	79.9	214	0.138	9.1	2.26	0.42	2.29	0.00	930
MBGP	8025	3.16	1541	7.1	3.85	1.38	112.7	667	0.092	17.3	1.93	1.01	3.77	0.00	2028
MBCB	8023	5.84	352	6.9	5.23	2.15	184.0	378	0.132	11.5	2.31	0.50	3.41	0.00	2230
BRCL	8005	1.60	1401	6.3	2.65	2.56	94.1	1310	0.107	27.5	1.94	0.98	3.09	0.00	1733
GBTD	8001	1.29	114	6.7	3.06	0.00	84.7	155	0.041	8.7	1.72	0.38	2.78	0.34	1736
GBTD	8001DUP	1.37	99	7.1	2.89	0.00	83.1	154	0.037	8.1	1.94	0.41	2.72	0.31	1720
GBOB	8007	0.90	64	7.2	1.89	0.00	98.4	141	0.035	17.3	0.93	0.88	2.20	0.00	4679
GBSC	8003	1.75	627	6.3	4.29	2.36	130.6	512	0.054	69.6	1.95	1.40	5.39	0.89	3946
SLBB	8011	4.03	1131	10.3	5.48	2.52	201.6	1175	0.089	45.3	2.00	0.88	3.75	0.20	3713
SLBB	8011SPK	13.87	1206	18.5	7.88	11.16	223.6	2184	0.558	86.8	18.39	5.00	17.0	3.84	3914
SLBB	SPIKE	11.60	93	9.3	2.32	9.28	18.6	1160	0.467	46.4	18.6	4.6	15.5	4.6	185.6
CLLC	8015	1.46	538	6.8	2.66	1.25	90.4	411	0.104	21.1	1.90	0.80	3.81	0.32	2963
VBSP	8041	3.58	150	7.3	6.81	0.00	243.8	250	0.034	9.8	1.44	0.50	3.86	0.15	1858
CLCL	8035	1.10	855	7.5	4.43	1.61	116.2	470	0.053	16.6	1.95	0.69	2.02	0.16	1587
TBLF	8037	0.32	306	8.8	1.65	0.34	72.2	296	0.037	10.0	1.64	0.60	2.4	0.00	1213
TBLF	8037SPK	13.41	383	19.0	3.81	7.65	88.7	1283	0.456	49.5	18.06	4.69	16.7	4.14	1567
TBLF	SPIKE	12.25	95	9.8	2.37	9.80	18.9	1225	0.478	47.3	18.9	4.7	16.3	4.7	473.5
MRPL	8043	7.68	609	5.5	17.72	1.08	398.1	542	0.098	36.5	3.00	0.68	4.92	0.29	6204
BSSI	8039	3.84	178	6.3	14.39	0.00	279.0	208	0.057	11.6	2.31	0.49	4.0	0.00	4170
LBMP	8045	1.87	129	4.9	9.30	1.16	189.0	199	0.130	15.5	2.38	0.46	3.61	0.00	3650
LBNO	8047	1.31	204	4.2	5.75	0.00	147.9	239	0.104	8.7	2.17	0.50	2.92	0.00	3390
LBNO	8047DUP	1.27	222	4.8	5.53	0.00	150.7	277	0.088	8.7	2.09	0.47	3.15	0.00	3496
MSPC	8053	4.22	236	8.4	9.09	0.00	131.6	344	0.135	24.9	1.40	0.87	3.54	0.00	5620
MSPB	8055	2.95	1089	19.4	3.01	2.99	176.3	774	0.149	28.4	1.59	1.06	3.39	0.22	4949

Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

SITE	LAB SAMP	Ag	Al	As	Cd	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Se	Sn	Zn
MSPB	8055SPK	16.70	1183	29.5	5.27	13.24	198.0	2291	0.723	89.4	19.43	5.32	22.3	3.49	5315
MSPB	SPIKE	11.48	99	9.2	2.48	9.18	19.8	1148	0.522	49.6	19.8	5.0	15.3	5.0	495.8
MBCP	8049	1.15	315	10.1	2.30	0.00	35.2	169	0.059	16.7	1.26	0.30	2.40	0.00	463
MBHI	8051	4.47	1317	7.1	5.90	1.61	263.5	644	0.074	33.4	2.61	0.84	2.08	0.00	6961
PBPH	8059	1.87	91	11.9	3.21	0.00	36.9	254	0.093	10.8	0.76	0.46	3.44	0.18	1668
PBIB	8057	3.41	1313	9.0	4.11	1.41	58.7	935	0.175	25.7	1.50	0.74	3.27	0.15	1322
CBJB	8067	0.61	705	16.0	2.17	0.95	226.5	1068	0.187	12.1	1.18	1.41	4.31	0.20	3375
CBBL	8065	3.73	451	11.7	1.97	0.71	207.5	545	0.165	14.3	1.15	1.79	5.63	0.26	2890
CBBL	8065DUP	3.84	445	14.3	2.03	0.64	212.7	570	0.181	12.2	1.28	2.04	5.48	0.29	2955
CBPP	8061	3.06	276	13.3	1.89	0.00	34.1	365	0.152	12.5	0.81	5.03	4.97	0.00	1755
CBBB	8063	16.65	933	11.1	2.82	1.14	145.0	596	0.206	14.0	1.24	4.27	5.55	0.24	3194
PCLO	8069	0.57	624	11.1	1.47	0.87	28.4	637	0.366	12.5	1.46	1.20	3.29	0.00	2587
AESP	8071	0.86	490	19.0	3.12	0.91	24.0	396	0.228	15.8	0.97	0.63	3.80	0.00	665
BBPR	8127	0.20	620	9.1	0.44	1.02	53.3	444	0.081	27.3	1.83	0.25	2.306	1.25	907
CKBP	8073	0.51	318	16.4	2.67	1.05	18.9	359	0.193	20.7	0.94	0.62	2.92	0.00	619
TBOT	8081	2.68	167	4.1	3.98	0.00	106.7	559	0.329	11.7	1.77	0.91	3.24	0.00	7590
TBPB	8079	1.70	180	7.7	2.14	0.67	71.3	269	0.282	0.0	1.15	1.26	2.65	0.00	2047
TBPB	8079SPK	15.29	280	20.2	4.74	10.41	90.5	1558	0.779	49.3	19.75	5.64	19.1	4.34	2480
TBPB	SPIKE	11.87	96	10.7	2.41	9.49	19.3	1187	0.471	48.2	19.3	4.8	15.8	4.8	481.9
TBHB	8085	1.39	86	5.5	2.06	0.74	55.2	138	0.151	10.8	0.74	0.90	2.19	0.27	2324
TBMK	8089	0.47	138	12.4	1.58	0.00	14.7	141	0.163	5.2	0.85	0.41	1.543	0.00	306
TBKA	8075	3.54	81	8.5	1.36	0.55	76.6	177	0.127	11.6	0.84	1.33	2.75	0.33	4328
TBNP	8083	1.57	58	42.6	0.83	0.00	54.6	126	0.121	6.3	0.91	0.70	2.18	0.00	2545
CBBI	8087	2.73	188	12.1	2.15	0.62	110.1	222	0.184	6.9	0.81	0.42	2.25	0.00	2916
RBHC	8091	1.94	173	11.9	1.49	0.75	65.5	231	0.195	5.7	0.74	0.34	2.351	0.00	967
FBFO 1	8095	1.33	65	15.7	1.05	0.90	521.5	155	0.098	5.4	0.45	0.44	1.758	0.60	4394
FBFO 2	8096	0.85	53	14.7	0.00	0.00	0.0	127	0.206	4.1	0.60	0.34	1.467	0.00	638
FBFO 3	8097	1.27	59	13.4	2.47	0.00	77.5	148	0.252	4.7	0.59	0.26	1.394	0.00	1134
FBJB 1	8110	1.17	325	7.7	1.59	1.28	49.7	442	0.271	10.9	1.07	0.30	4.921	0.00	963
FBLB 2	8111	0.94	469	5.8	1.38	0.96	51.6	305	0.280	13.3	1.23	0.38	4.102	0.00	705
FBJB 3	8112	1.07	424	7.6	1.70	1.43	46.7	374	0.318	13.6	1.06	0.34	4.579	0.00	920
BHKF	8077	0.00	39	74.2	2.88	0.91	6.1	107	0.098	5.3	2.95	0.29	2.05	0.00	124
BJPR	8123	0.56	448	12.3	0.95	0.00	120.5	334	0.096	18.5	0.73	0.28	3.428	0.00	689
BMPR	8125	1.37	227	13.4	0.53	0.62	189.3	238	0.100	10.5	0.87	0.23	4.019	0.00	2334

Trace Metal Data
(Sediment)

Mussel Watch Project Year 9 - Trace Metal Data (Sediment)

Site	Lab Samp	Rep. No.	ADG Date	HGDG Date	OTHDG Date	Wet Wt. Rec'd	AD Wt.	HGD Wt.	OTHDG Wt.	Moist. (%)	Unit (tm)	Unit Qual.	Al	Ag	As	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Sb	Se	Sn	Zn	Hg
FBFO	K8098	1	10/26/94	10/26/94	11/7/94	19.94	0.208	0.207	0.5128	57.92	ppm	dry	16600	0.033	9.33	0.257	51.2	44.20	9260	68	9.1	8.71	0.15	0.56	0.19	42.10	0.042
FBFO	K8099	2	10/26/94	10/26/94	11/7/94	24.88	0.21	0.195	0.5201	58.16	ppm	dry	11700	0.000	4.84	0.061	33.5	2.14	12200	109	9.3	4.07	<0.1	0.43	0.00	8.73	0.032
FBFO	K8100	3	10/26/94	10/26/94	11/7/94	20.39	0.209	0.204	0.5183	60.57	ppm	dry	17100	0.029	11.30	0.156	52.8	3.70	9580	66	8.7	6.46	0.19	0.49	0.12	15.20	0.030
FBJB	K8113	1	10/26/94	10/26/94	11/7/94	26.00	0.214	0.199	0.4996	59.42	ppm	dry	12300	0.000	4.54	0.062	33.4	1.75	12400	116	7.3	5.12	0.16	0.33	0.00	8.37	0.050
FBJB	K8114	2	10/26/94	10/26/94	11/7/94	24.93	0.203	0.193	0.4993	57.80	ppm	dry	18200	0.000	11.70	0.131	40.9	3.94	10100	71	8.6	6.04	0.23	0.52	0.14	14.70	0.019
FBJB	K8115	3	10/26/94	10/26/94	11/7/94	25.86	0.202	0.199	0.5177	54.02	ppm	dry	11700	0.000	4.64	0.035	29.1	1.49	11400	109	6.6	3.06	0.10	0.46	0.21	9.25	0.037

Trace Metal QC Data
(Sediment)

Mussel Watch Project Year 9 - Trace Metal QC Data (Sediment)

Site	Lab Samp	Samp ID	ADG Date	HGDG Date	OTHDG Date	Samp Type	Wet Wt. Rec'd	Ad Wt.	HGD Wt.	OTHD Wt.	Moist. (%)	Unit (tm)	Unit Qual.	Al	Ag	As	Cd	Cr	Cu
	DLDRY					DLDRY						ppm	dry	200	0.013	0.25	0.018	0.1	0.44
FBFO	8098	K8098	10/26/94	10/26/94	11/7/94	SAMP	19.94	0.208	0.2066	0.5128	57.92	ppm	dry	16600	0.033	9.33	0.257	51.2	44.20
FBFO	8098-DUP	K8098	10/26/94	10/26/94	11/7/94	LDUP		0.2033	0.2078	0.5056		ppm	dry	16900	0.045	10.60	0.322	51.4	30.30
FBFO	8099	K8099	10/26/94	10/26/94	11/7/94	SAMP	24.88	0.2102	0.1954	0.5201	58.16	ppm	dry	11700	0.000	4.84	0.061	33.5	2.14
FBFO	SPIKE	K8099	10/26/94	10/26/94	11/7/94	SPKLEV						ppm	dry	*	0.997	20.40	4.990	102.0	49.90
FBFO	8099-SPK	K8099	10/26/94	10/26/94	11/7/94	MS		0.2006	0.1959	0.4892		ppm	dry	11300	1.030	26.40	5.080	137.0	50.80
FBFO	8100	K8100	10/26/94	10/26/94	11/7/94	SAMP	20.39	0.2085	0.2039	0.5183	60.57	ppm	dry	17100	0.029	11.30	0.156	52.8	3.70
FBJB	8113	K8113	10/26/94	10/26/94	11/7/94	SAMP	26.00	0.2135	0.1989	0.4996	59.42	ppm	dry	12300	0.000	4.54	0.062	33.4	1.75
FBJB	8113-DUP	K8113	10/26/94	10/26/94	11/7/94	LDUP		0.2111	0.2023	0.4997		ppm	dry	12500	0.000	5.26	0.073	32.2	1.69
FBJB	8114	K8114	10/26/94	10/26/94	11/7/94	SAMP	24.93	0.2033	0.1927	0.4993	57.80	ppm	dry	18200	0.000	11.70	0.131	40.9	3.94
FBJB	SPIKE	K8114	10/26/94	10/26/94	11/7/94	SPKLEV						ppm	dry	*	0.973	19.50	4.870	100.0	48.70
FBJB	8114-SPK	K8114	10/26/94	10/26/94	11/7/94	MS		0.2055	0.1956	0.5124		ppm	dry	18500	1.030	31.40	4.950	152.0	47.70
FBJB	8115	K8115	10/26/94	10/26/94	11/7/94	SAMP	25.86	0.2023	0.1989	0.5177	54.02	ppm	dry	11700	0.000	4.64	0.035	29.1	1.49

Mussel Watch Project Year 9 - Trace Metal QC Data (Sediment)

Site	Lab Samp	Samp ID	Fe	Mn	Ni	Pb	Sb	Se	Sn	Zn	Hg	Comments
	DLDRY		100.0	3.5	0.4	0.15	0.10	0.10	0.10	1.50	0.01	
FBFO	8098	K8098	9260	68	9.1	8.71	0.15	0.56	0.19	42.10	0.042	
FBFO	8098-DUP	K8098	9320	68	10.2	8.16	0.19	0.46	0.21	44.00	0.048	
FBFO	8099	K8099	12200	109	9.3	4.07	<0.1	0.43	0.00	8.73	0.032	
FBFO	SPIKE	K8099	*	499	199.0	12.50	4.09	49.90	4.24	249.00	0.510	Not spiked Al, Fe
FBFO	8099-SPK	K8099	12100	587	202.0	15.80	3.96	42.70	3.24	290.00	0.497	
FBFO	8100	K8100	9580	66	8.7	6.46	0.19	0.49	0.12	15.20	0.030	
FBJB	8113	K8113	12400	116	7.3	5.12	0.16	0.33	0.00	8.37	0.050	
FBJB	8113-DUP	K8113	12200	112	7.3	4.88	0.00	0.44	0.00	8.42	0.049	
FBJB	8114	K8114	10100	71	8.6	6.04	0.23	0.52	0.14	14.70	0.019	
FBJB	SPIKE	K8114	*	487	195.0	12.20	3.90	48.70	4.14	243.00	0.511	Not spiked Al, Fe
FBJB	8114-SPK	K8114	9990	596	203.0	17.50	4.13	42.70	3.45	287.00	0.497	
FBJB	8115	K8115	11400	109	6.6	3.06	0.10	0.46	0.21	9.25	0.037	

Butyltin Results

Butyltin Data
(Tissue)

Mussel Watch Project Year 9 - Butyltin Data (Tissue)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Dry Weight (g)	Wet Weight (g)	Concentration Basis	% solid	% Moisture	% Lipid	Organism	Page Number
LMSB	K8008	K8008	TISSUE	SAMP	1.04	10.08	Dry	10.32	89.68	4.11	Mussel	TBT 199
LMPI	K8016	K8016	TISSUE	SAMP	1.32	10.01	Dry	13.19	86.81	3.28	Mussel	TBT 199
LMAC	K8012	K8012	TISSUE	SAMP	1.69	10.12	Dry	16.70	83.30	10.92	Mussel	TBT 199
CCNB	K8018	K8018	TISSUE	SAMP	2.21	10.05	Dry	21.98	78.02	2.04	Mussel	TBT 199
ABLR	K8032	K8032	TISSUE	SAMP	1.67	10.16	Dry	16.43	83.57	18.74	Mussel	TBT 199
MBAR	K8020	K8020	TISSUE	SAMP	1.41	10.30	Dry	13.69	86.31	10.87	Mussel	TBT 199
SAPP	K8026	K8026	TISSUE	SAMP	1.81	10.03	Dry	18.04	81.96	15.31	Mussel	TBT 199
ESSP	K8030	K8030	TISSUE	SAMP	1.90	10.04	Dry	18.93	81.07	14.93	Mussel	TBT 199
ESBD	K8028	K8028	TISSUE	SAMP	1.27	10.12	Dry	12.55	87.45	6.24	Mussel	TBT 199
MBGP	K8024	K8024	TISSUE	SAMP	1.65	10.06	Dry	16.40	83.60	14.69	Mussel	TBT 199
MBCB	K8022	K8022	TISSUE	SAMP	1.32	10.18	Dry	12.97	87.03	11.50	Mussel	TBT 199
BRCL	K8004	K8004	TISSUE	SAMP	1.39	10.05	Dry	13.83	86.17	4.41	Mussel	TBT 199
GBTD	K8000	K8000	TISSUE	SAMP	2.00	10.07	Dry	19.86	80.14	13.00	Mussel	TBT 199
GBOB	K8006	K8006	TISSUE	SAMP	2.02	10.16	Dry	19.88	80.12	12.13	Mussel	TBT 199
GBSC	K8002	K8002	TISSUE	SAMP	0.36	2.02	Dry	17.78	82.22	9.44	Mussel	TBT 199
SLBB	K8010	K8010	TISSUE	SAMP	1.54	10.08	Dry	15.28	84.72	9.66	Mussel	TBT 199
CLLC	K8014	K8014	TISSUE	SAMP	2.09	10.16	Dry	20.58	79.52	12.43	Mussel	TBT 199
VBSP	K8040	K8040F	TISSUE	SAMP	0.97	10.18	Dry	9.53	90.47	15.05	Mussel	TBT 201
CLCL	K8034	K8034F	TISSUE	SAMP	1.33	10.06	Dry	13.22	86.78	15.01	Mussel	TBT 201
TBLF	K8036	K8036F	TISSUE	SAMP	1.83	10.07	Dry	18.18	81.82	13.19	Mussel	TBT 201
MRPL	K8042	K8042F	TISSUE	SAMP	0.46	10.15	Dry	4.53	95.47	11.53	Mussel	TBT 201
BSSI	K8038	K8038F	TISSUE	SAMP	1.12	15.09	Dry	7.43	92.57	17.40	Mussel	TBT 288
LBMP	K8044	K8044F	TISSUE	SAMP	1.31	15.12	Dry	8.63	91.37	15.57	Mussel	TBT 288
LBNO	K8046	K8046F	TISSUE	SAMP	1.40	15.27	Dry	9.19	90.81	17.06	Mussel	TBT 288
MSPC	K8052	K8052F	TISSUE	SAMP	1.29	10.03	Dry	12.86	87.14	12.58	Mussel	TBT 201
MSPB	K8054	K054RF	TISSUE	SAMP	1.24	15.05	Dry	8.25	91.75	11.65	Mussel	TBT 299
MBCP	K8048	K8048F	TISSUE	SAMP	2.52	15.37	Dry	16.40	83.60	20.34	Mussel	TBT 288
MBHI	K8050	K8050F	TISSUE	SAMP	1.28	10.19	Dry	12.56	87.44	14.78	Mussel	TBT 201
PBPH	K8058	K8058F	TISSUE	SAMP	2.13	15.11	Dry	14.07	85.93	19.29	Mussel	TBT 288
PBIB	K8056	K056RF	TISSUE	SAMP	1.00	14.99	Dry	6.67	93.33	12.90	Mussel	TBT 299
CBJB	K8066	K066RF	TISSUE	SAMP	1.28	15.26	Dry	8.39	91.61	9.42	Mussel	TBT 299
CBBL	K8064	K064RF	TISSUE	SAMP	1.41	14.98	Dry	9.41	90.59	5.87	Mussel	TBT 299
CBPP	K8060	K8060F	TISSUE	SAMP	1.73	15.14	Dry	11.39	88.61	12.23	Mussel	TBT 288
CBBB	K8062	K8062F	TISSUE	SAMP	1.11	10.05	Dry	11.05	88.95	14.70	Mussel	TBT 201

Mussel Watch Project Year 9 - Butyltin Data (Tissue)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Dry Weight (g)	Wet Weight (g)	Concentration Basis	% solid	% Moisture	% Lipid	Organism	Page Number
PCLO	K8068	K8068F	TISSUE	SAMP	0.71	10.00	Dry	7.10	92.90	32.15	Mussel	TBT 201
AESP	K8070	K8070F	TISSUE	SAMP	1.06	15.08	Dry	7.05	92.95	12.17	Mussel	TBT 288
CKBP	K8072	K8072F	TISSUE	SAMP	1.19	15.17	Dry	7.85	92.15	9.04	Mussel	TBT 288
TBOT	K8080	K8080F	TISSUE	SAMP	1.18	15.07	Dry	7.83	92.17	3.77	Mussel	TBT 288
TBPB	K8078	K8078F	TISSUE	SAMP	1.98	15.03	Dry	13.17	86.83	7.75	Mussel	TBT 288
TBHB	K8084	K084RF	TISSUE	SAMP	2.43	15.12	Dry	16.07	83.93	8.20	Mussel	TBT 299
TBMK	K8088	K088RF	TISSUE	SAMP	2.57	15.06	Dry	17.06	82.94	8.99	Mussel	TBT 299
TBKA	K8074	K8074F	TISSUE	SAMP	1.90	15.19	Dry	12.52	87.48	14.91	Mussel	TBT 288
TBNP	K8082	K8082F	TISSUE	SAMP	2.42	15.01	Dry	16.12	83.88	6.85	Mussel	TBT 288
CBBI	K8086	K086RF	TISSUE	SAMP	1.94	15.09	Dry	12.86	87.14	5.92	Mussel	TBT 299
RBHC	K8090	K090RF	TISSUE	SAMP	1.26	10.55	Dry	11.94	88.06	4.33	Mussel	TBT 299
FBFO	K8092	K92FR	TISSUE	SAMP	2.37	15.11	Dry	15.69	84.31	9.25	Mussel	TBT 299
FBFO	K8093	K93FR	TISSUE	SAMP	1.58	15.24	Dry	10.37	89.63	10.88	Mussel	TBT 299
FBFO	K8094	K94FR	TISSUE	SAMP	1.70	14.98	Dry	11.35	88.65	7.40	Mussel	TBT 299
FBJB	K8110	K110RF	TISSUE	SAMP	0.40	3.64	Dry	10.98	89.02	4.46	Mussel	TBT 298
FBJB	K8111	K111RF	TISSUE	SAMP	0.42	4.38	Dry	9.58	90.42	4.47	Mussel	TBT 298
FBJB	K8112	K112RF	TISSUE	SAMP	0.15	1.43	Dry	10.47	89.53	7.09	Mussel	TBT 298
BHKF	K8076	K076RF	TISSUE	SAMP	2.69	15.17	Dry	17.73	82.27	6.25	Mussel	TBT 299
PRBB	K8126	K8126R	TISSUE	SAMP	0.94	5.82	Dry	16.16	83.84	6.11	Mussel	TBT 287
PRBM	K8124	K8124R	TISSUE	SAMP	0.39	2.36	Dry	16.53	83.47	5.79	Mussel	TBT 287
PRBJ	K8122	K8122F	TISSUE	SAMP	0.59	3.65	Dry	16.15	83.85	4.98	Mussel	TBT 287

Mussel Watch Project Year 9 - Butyltin Data (Tissue)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Receive Date	Extraction Date	Analysis Date	Units	Tripropyltin % recovery	Tetrabutyltin	TetrabutyltinQ
LMSB	K8008	K8008	TISSUE	SAMP	12/10/93	9/21/94	6/9/95	ng Sn/g	37	0.08	J
LMPI	K8016	K8016	TISSUE	SAMP	12/10/93	9/21/94	6/10/95	ng Sn/g	54	0.04	J
LMAC	K8012	K8012	TISSUE	SAMP	12/10/93	9/21/94	6/9/95	ng Sn/g	54	0.06	J
CCNB	K8018	K8018	TISSUE	SAMP	12/16/93	9/21/94	6/10/95	ng Sn/g	50	0.09	J
ABLR	K8032	K8032	TISSUE	SAMP	12/17/93	9/21/94	6/10/95	ng Sn/g	35	0.12	J
MBAR	K8020	K8020	TISSUE	SAMP	12/16/93	9/21/94	6/10/95	ng Sn/g	91	0.04	J
SAPP	K8026	K8026	TISSUE	SAMP	12/16/93	9/21/94	6/10/95	ng Sn/g	41	0.10	J
ESSP	K8030	K8030	TISSUE	SAMP	12/17/93	9/21/94	6/10/95	ng Sn/g	48	0.08	J
ESBD	K8028	K8028	TISSUE	SAMP	12/17/93	9/21/94	6/10/95	ng Sn/g	36	0.52	J
MBGP	K8024	K8024	TISSUE	SAMP	12/16/93	9/21/94	6/10/95	ng Sn/g	37	0.20	J
MBCB	K8022	K8022	TISSUE	SAMP	12/16/93	9/21/94	6/10/95	ng Sn/g	38	0.32	J
BRCL	K8004	K8004	TISSUE	SAMP	12/9/93	9/21/94	6/9/95	ng Sn/g	56	0.11	J
GBTD	K8000	K8000	TISSUE	SAMP	12/9/93	9/21/94	6/9/95	ng Sn/g	42	0.19	J
GBOB	K8006	K8006	TISSUE	SAMP	12/9/93	9/21/94	6/9/95	ng Sn/g	56	0.09	J
GBSC	K8002	K8002	TISSUE	SAMP	12/9/93	9/21/94	6/9/95	ng Sn/g	30	0.52	J
SLBB	K8010	K8010	TISSUE	SAMP	12/10/93	9/21/94	6/9/95	ng Sn/g	50	0.24	J
CLLC	K8014	K8014	TISSUE	SAMP	12/10/93	9/21/94	6/9/95	ng Sn/g	45	0.11	J
VBSP	K8040	K8040F	TISSUE	SAMP	1/13/94	10/4/94	6/21/95	ng Sn/g	67		ND
CLCL	K8034	K8034F	TISSUE	SAMP	1/13/94	10/4/94	6/21/95	ng Sn/g	117	0.19	
TBLF	K8036	K8036F	TISSUE	SAMP	1/13/94	10/4/94	6/21/95	ng Sn/g	118	0.20	J
MRPL	K8042	K8042F	TISSUE	SAMP	1/15/94	10/4/94	6/21/95	ng Sn/g	39	0.69	J
BSSI	K8038	K8038F	TISSUE	SAMP	1/15/94	6/20/95	6/26/95	ng Sn/g	50	0.24	J
LBMP	K8044	K8044F	TISSUE	SAMP	1/15/94	6/20/95	6/26/95	ng Sn/g	68	1.15	J
LBNO	K8046	K8046F	TISSUE	SAMP	1/15/94	6/20/95	6/26/95	ng Sn/g	48	0.35	J
MSPC	K8052	K8052F	TISSUE	SAMP	1/16/94	10/4/94	6/22/95	ng Sn/g	73	9.40	J
MSPB	K8054	K054RF	TISSUE	SAMP	1/16/94	7/17/95	7/20/95	ng Sn/g	61	0.41	J
MBCP	K8048	K8048F	TISSUE	SAMP	12/10/93	6/20/95	6/27/95	ng Sn/g	53	0.10	J
MBHI	K8050	K8050F	TISSUE	SAMP	1/16/94	10/4/94	6/21/95	ng Sn/g	120	1.39	J
PBPH	K8058	K8058F	TISSUE	SAMP	1/17/94	6/20/95	6/27/95	ng Sn/g	38	0.25	J
PBIB	K8056	K056RF	TISSUE	SAMP	1/17/94	7/17/95	7/20/95	ng Sn/g	87	0.58	J
CBJB	K8066	K066RF	TISSUE	SAMP	1/19/94	7/17/95	7/20/95	ng Sn/g	79	2.06	J
CBBL	K8064	K064RF	TISSUE	SAMP	1/19/94	7/17/95	7/20/95	ng Sn/g	59	3.09	J
CBPP	K8060	K8060F	TISSUE	SAMP	1/17/94	6/20/95	6/26/95	ng Sn/g	50	0.07	J
CBBB	K8062	K8062F	TISSUE	SAMP	1/17/94	10/4/94	6/22/95	ng Sn/g	85	0.89	J

Mussel Watch Project Year 9 - Butyltin Data (Tissue)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Receive Date	Extraction Date	Analysis Date	Units	Tripropyltin % recovery	Tetrabutyltin	TetrabutyltinQ
PCLO	K8068	K8068F	TISSUE	SAMP	1/19/94	10/4/94	6/22/95	ng Sn/g	41	6.50	J
AESP	K8070	K8070F	TISSUE	SAMP	1/20/94	6/20/95	6/26/95	ng Sn/g	62	0.43	J
CKBP	K8072	K8072F	TISSUE	SAMP	1/20/94	6/20/95	6/26/95	ng Sn/g	39	0.43	J
TBOT	K8080	K8080F	TISSUE	SAMP	1/21/94	6/20/95	6/26/95	ng Sn/g	59	0.59	J
TBPB	K8078	K8078F	TISSUE	SAMP	1/21/94	6/20/95	6/26/95	ng Sn/g	46	1.07	J
TBHB	K8084	K084RF	TISSUE	SAMP	1/23/94	7/17/95	7/20/95	ng Sn/g	110	2.99	J
TBMK	K8088	K088RF	TISSUE	SAMP	1/23/94	7/17/95	7/20/95	ng Sn/g	89	0.26	J
TBKA	K8074	K8074F	TISSUE	SAMP	1/21/94	6/20/95	6/26/95	ng Sn/g	67	0.13	J
TBNP	K8082	K8082F	TISSUE	SAMP	1/21/94	6/20/95	6/26/95	ng Sn/g	42	0.46	J
CBBI	K8086	K086RF	TISSUE	SAMP	1/23/94	7/17/95	7/20/95	ng Sn/g	84	0.24	J
RBHC	K8090	K090RF	TISSUE	SAMP	1/23/94	7/17/95	7/20/95	ng Sn/g	48	4.04	J
FBFO	K8092	K92FR	TISSUE	SAMP	1/27/94	7/17/95	8/7/95	ng Sn/g	60	0.75	J
FBFO	K8093	K93FR	TISSUE	SAMP	1/27/94	7/17/95	8/7/95	ng Sn/g	51	2.59	J
FBFO	K8094	K94FR	TISSUE	SAMP	1/27/94	7/17/95	8/7/95	ng Sn/g	93	2.57	J
FBJB	K8110	K110RF	TISSUE	SAMP	1/27/94	7/14/95	7/19/95	ng Sn/g	66	12.25	J
FBJB	K8111	K111RF	TISSUE	SAMP	1/27/94	7/14/95	7/19/95	ng Sn/g	105	6.97	J
FBJB	K8112	K112RF	TISSUE	SAMP	1/27/94	7/14/95	7/19/95	ng Sn/g	106	*	
BHKF	K8076	K076RF	TISSUE	SAMP	1/21/94	7/17/95	7/20/95	ng Sn/g	56	0.22	J
PRBB	K8126	K8126R	TISSUE	SAMP	2/16/94	6/19/95	6/25/95	ng Sn/g	65	0.76	J
PRBM	K8124	K8124R	TISSUE	SAMP	2/16/94	6/19/95	6/25/95	ng Sn/g	47	1.75	J
PRBJ	K8122	K8122F	TISSUE	SAMP	2/16/94	6/19/95	6/24/95	ng Sn/g	47	1.95	J

Mussel Watch Project Year 9 - Butyltin Data (Tissue)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Tributyltin	TributyltinQ	Dibutyltin	DibutyltinQ	Monobutyltin	MonobutyltinQ
LMSB	K8008	K8008	TISSUE	SAMP	12.67	J	2.43	J	0.28	J
LMPI	K8016	K8016	TISSUE	SAMP	269.50		32.57		1.84	J
LMAC	K8012	K8012	TISSUE	SAMP	1.00	J	0.17	J	0.42	J
CCNB	K8018	K8018	TISSUE	SAMP	20.53		6.33	J	0.57	J
ABLR	K8032	K8032	TISSUE	SAMP	0.67	J	0.07	J	0.31	J
MBAR	K8020	K8020	TISSUE	SAMP	0.25	J	0.88	J	0.95	J
SAPP	K8026	K8026	TISSUE	SAMP	1.00	J	0.45	J	0.75	J
ESSP	K8030	K8030	TISSUE	SAMP	3.41	J	0.05	J	0.48	J
ESBD	K8028	K8028	TISSUE	SAMP	19.69		3.91	J	0.64	J
MBGP	K8024	K8024	TISSUE	SAMP	33.46		3.78	J	0.09	J
MBCB	K8022	K8022	TISSUE	SAMP	6.27	J	0.37	J	0.52	J
BRCL	K8004	K8004	TISSUE	SAMP	13.91	J	1.04	J	0.10	J
GBTD	K8000	K8000	TISSUE	SAMP	220.30		24.50		2.17	J
GBOB	K8006	K8006	TISSUE	SAMP	48.72		8.91	J	0.93	J
GBSC	K8002	K8002	TISSUE	SAMP	285.02		31.60	J	0.83	J
SLBB	K8010	K8010	TISSUE	SAMP	105.11		10.73	J	0.74	J
CLLC	K8014	K8014	TISSUE	SAMP	207.55		16.91		1.44	J
VBSP	K8040	K8040F	TISSUE	SAMP	0.69	J	0.30	J	10.39	J
CLCL	K8034	K8034F	TISSUE	SAMP	1.94		0.91		0.84	
TBLF	K8036	K8036F	TISSUE	SAMP	0.82	J	1.36	J	0.04	J
MRPL	K8042	K8042F	TISSUE	SAMP	142.50		7.45	J	1.13	J
BSSI	K8038	K8038F	TISSUE	SAMP	14.18	J	0.69	J	0.14	J
LBMP	K8044	K8044F	TISSUE	SAMP	0.00	ND	0.25	J	1.11	J
LBNO	K8046	K8046F	TISSUE	SAMP	2.18	J	0.00	ND	0.00	ND
MSPC	K8052	K8052F	TISSUE	SAMP	12.64	J	1.26	J	0.11	J
MSPB	K8054	K054RF	TISSUE	SAMP	95.17		32.76		12.89	J
MBCP	K8048	K8048F	TISSUE	SAMP	0.00	ND	0.27	J	0.13	J
MBHI	K8050	K8050F	TISSUE	SAMP	117.03		7.24	J	0.55	J
PBPH	K8058	K8058F	TISSUE	SAMP	75.79		0.40	J	0.27	J
PBIB	K8056	K056RF	TISSUE	SAMP	32.38		3.43	J	2.58	J
CBJB	K8066	K066RF	TISSUE	SAMP	284.25		190.98		38.31	
CBBL	K8064	K064RF	TISSUE	SAMP	44.46		19.70		1.99	J
CBPP	K8060	K8060F	TISSUE	SAMP	0.00	ND	0.00	ND	0.33	J
CBBB	K8062	K8062F	TISSUE	SAMP	40.89		4.19	J	1.55	J

Mussel Watch Project Year 9 - Butyltin Data (Tissue)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Tributyltin	TributyltinQ	Dibutyltin	DibutyltinQ	Monobutyltin	MonobutyltinQ
PCLO	K8068	K8068F	TISSUE	SAMP		ND	5.08	J	6.02	J
AESP	K8070	K8070F	TISSUE	SAMP	0.00	ND	0.00	ND	0.07	J
CKBP	K8072	K8072F	TISSUE	SAMP	3.94	J	0.00	ND	0.05	J
TBOT	K8080	K8080F	TISSUE	SAMP	1.91	J	0.00	ND	0.42	J
TBPB	K8078	K8078F	TISSUE	SAMP	3.96	J	0.00	ND	0.64	J
TBHB	K8084	K084RF	TISSUE	SAMP	171.29		106.08		29.14	
TBMK	K8088	K088RF	TISSUE	SAMP	2.50	J	0.65	J	0.22	J
TBKA	K8074	K8074F	TISSUE	SAMP	55.63		20.69		0.00	ND
TBNP	K8082	K8082F	TISSUE	SAMP	0.00	ND	0.61	J	0.08	J
CBBI	K8086	K086RF	TISSUE	SAMP	14.60		4.51	J	3.46	J
RBHC	K8090	K090RF	TISSUE	SAMP	6.13	J	7.60	J	2.40	J
FBFO	K8092	K92FR	TISSUE	SAMP	378.10		184.48		60.72	
FBFO	K8093	K93FR	TISSUE	SAMP	6.77	J	4.87	J	0.52	J
FBFO	K8094	K94FR	TISSUE	SAMP	3.77	J	1.95	J	1.72	J
FBJB	K8110	K110RF	TISSUE	SAMP	1.63	J	1.77	J	8.47	J
FBJB	K8111	K111RF	TISSUE	SAMP	6.55	J	2.80	J	3.41	J
FBJB	K8112	K112RF	TISSUE	SAMP					*insufficient sample	
BHKF	K8076	K076RF	TISSUE	SAMP	5.70	J	0.35	J	0.21	J
PRBB	K8126	K8126R	TISSUE	SAMP	160.18		24.45		6.15	J
PRBM	K8124	K8124R	TISSUE	SAMP	48.21	J	6.68	J	4.43	J
PRBJ	K8122	K8122F	TISSUE	SAMP	158.41		3.91	J	2.25	J

Butyltin QC Data
(Tissue)

Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

Site	CCNB		CCNB		CCNB				PBPH		PBPH	
Lab Sample ID	K8018		Q9895		Q9896	Q9898	Q9897		K8058		Q9910	
File No.	K8018		Q9895		Q9896	Q9898	Q9897		K8058F		Q9910F	
Matrix	TISSUE		TISSUE		TISSUE	TISSUE	TISSUE		TISSUE		TISSUE	
Sample Type	SAMP		DUP/MS*		DUP/MS*	LBS	BLANK		SAMP		DUP	
Dry Weight (g)	2.21		1.39		1.39	1.00	1.56		1.42		1.41	
Wet Weight (g)	10.05		10.16		10.12	NA	NA		10.09		10.02	
Concentration Basis	Dry		Dry		Dry	Dry	Dry		Dry		Dry	
% solid	21.98		13.69		13.69	NA	NA		14.07		14.07	
% Moisture	78.02		86.31		86.31	NA	NA		85.93		85.93	
% Lipid	2.04		2.04		2.04	NA	NA		19.29		19.29	
Organism	Mussel		Mussel		Mussel	Mussel	Mussel		Mussel		Mussel	
Page Number	TBT 199		TBT 199		TBT 199	TBT 199	TBT 199		TBT 201		TBT 201	
Receive Date	12/16/93		12/16/93		12/16/93	NA	NA		1/17/94		1/17/94	
Extraction Date	9/21/94		9/21/94		9/21/94	9/21/94	9/21/94		10/4/94		10/4/94	
Analysis Date	6/10/95		6/10/95		6/10/95	6/10/95	6/10/95		6/22/95		6/22/95	
Units	ng Sn/g		ng Sn/g	%	%	%	ng Sn/g		ng Sn/g		ng Sn/g	
Tripropyltin % recovery	91		31		35	43	31		38		108	
Tetrabutyltin	0.04	J	206.97	57.1	46	128	0.39	J	2.97	J	0.74	J
Tributyltin	0.25	J	181.75	53	33	118	0.86	J	53.58		60.62	
Dibutyltin	0.88	J	160.92	43.4	60	90	0.24	J	0.88	J	3.89	J
Monobutyltin	0.95	J	26.44	13.1	18	40	0.25	J	1.16	J	0.31	J

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
* Samples mixed, see case narrative

Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

Site	PBPH				FBFO STATION 3		FBFO STATION 3		FBFO STATION 3	
Lab Sample ID	Q9911	Q9913	Q9912		K8094		Q12532		Q12533	Q12531
File No.	Q9911F	Q9913F	Q9912F		K94FR		Q12532		Q12533	Q12531
Matrix	TISSUE	TISSUE	TISSUE		TISSUE		TISSUE		TISSUE	TISSUE
Sample Type	MS	LBS	BLANK		SAMP		DUP		MS	LBS
Dry Weight (g)	1.41	1.00	1.06		1.70		1.72		1.71	1.00
Wet Weight (g)	10.02	NA	NA		14.98		11.48		15.07	NA
Concentration Basis	Dry	Dry	Dry		Dry		Dry		Dry	Dry
% solid	14.07	NA	NA		11.35		11.35		11.35	NA
% Moisture	85.93	NA	NA		88.65		88.65		88.65	NA
% Lipid	19.29	NA	NA		7.40		7.40		7.40	NA
Organism	Mussel	Mussel	Mussel		Mussel		Mussel		Mussel	Mussel
Page Number	TBT 201	TBT 201	TBT 201		TBT 299		TBT 299		TBT 299	TBT 299
Receive Date	1/17/94	NA	NA		1/24/94		1/24/94		1/24/94	NA
Extraction Date	10/4/94	10/4/94	10/4/94		7/17/95		7/17/95		7/17/95	7/17/95
Analysis Date	6/22/95	6/22/95	6/22/95		8/7/95		7/20/95		7/20/95	7/20/95
Units	%	%	ng Sn/g		ng Sn/g		ng Sn/g		%	%
Tripropyltin % recovery	78	39	100		93		79		51	90
Tetrabutyltin	93	112	0.39	J	2.57	J	2.1	J	113	118
Tributyltin	126	108	0.41	J	3.77	J	3.18	J	78	108
Dibutyltin	77	60	0.23	J	1.95	J	2.46	J	69	88
Monobutyltin	25	12	0.49	J	1.72	J	0.66	J	43	71

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
* Samples mixed, see case narrative

Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

Site			PBPH		PBPH		PBPH			FBFO STATION 3		FBFO STATION 3	
Lab Sample ID	Q12530		K8058		Q12276		Q12277	Q12278		K8094		K8094	
File No.	Q12530		K8058F		Q12276		Q2277R	Q12278		K8094F		Q12273	
Matrix	TISSUE		TISSUE		TISSUE		TISSUE	TISSUE		TISSUE		TISSUE	
Sample Type	BLANK		SAMP		DUP		MS	BLANK		SAMP		DUP	
Dry Weight (g)	1.79		2.13		2.12		2.12	1.49		1.71		1.73	
Wet Weight (g)	NA		15.14		15.07		15.07	NA		15.14		15.24	
Concentration Basis	Dry		Dry		Dry		Dry	Dry		Dry		Dry	
% solid	NA		14.07		14.07		14.07	NA		11.35		11.35	
% Moisture	NA		85.93		85.93		85.93	NA		88.65		88.65	
% Lipid	NA		19.29		19.29		19.29	NA		7.40		7.40	
Organism	Mussel		Mussel		Mussel		Mussel	Mussel		Mussel		Mussel	
Page Number	TBT 299		TBT 288		TBT 288		TBT 288	TBT 288		TBT 287		TBT 287	
Receive Date	NA		1/17/94		1/17/94		1/17/94	NA		1/27/94		1/17/94	
Extraction Date	7/17/95		6/20/95		6/20/95		6/20/95	6/20/95		6/19/95		6/19/95	
Analysis Date	7/20/95		6/26/95		6/26/95		6/27/95	6/26/95		6/24/95		6/24/95	
Units	ng Sn/g		ng Sn/g		ng Sn/g		%	ng Sn/g		ng Sn/g		%	
Tripropyltin % recovery	89		38		39		61	101		29		20	
Tetrabutyltin	1.49	J	0.25	J	2.14	J	118	2.97	J	0.6	J	0.41	
Tributyltin	0.89	J	75.79		91.77		84		ND	1.56	J	1.60	
Dibutyltin	0.18	J	0.40	J	1.78	J	50		ND	0.77	J		ND
Monobutyltin	0.33	J	0.27	J	1.57	J	17	0.37	J	1.81	J	0.46	

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
• Samples mixed, see case narrative

Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

Site				RBHC		RBHC		RBHC				
Lab Sample ID	Q12274	Q12275		K8091		K8091		K8091		Q12527	Q12526	
File No.	Q12274	Q12275		K091RR		Q2528R		Q2529R		Q2527R	Q12526	
Matrix	TISSUE	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	TISSUE	
Sample Type	LBS	BLANK		SAMP		DUP		MS		LBS	BLANK	
Dry Weight (g)	1.00	1.45		1.01		1.02		1.01		1.00	0.49	
Wet Weight (g)	NA	NA		15.14		15.24		NA		NA	NA	
Concentration Basis	Dry	Dry		Dry		Dry		Dry		Dry	Dry	
% solid	NA	NA		11.94		11.94		11.94		NA	NA	
% Moisture	NA	NA		88.06		88.06		88.06		NA	NA	
% Lipid	NA	NA		4.33		4.33		4.33		NA	NA	
Organism	Mussel	Mussel		Mussel		Mussel		Mussel		Mussel	Mussel	
Page Number	TBT 287	TBT 287		TBT 298		TBT 298		TBT 298		TBT 298	TBT 298	
Receive Date	NA	NA		1/23/94		1/23/94		1/23/94		NA	NA	
Extraction Date	6/20/95	6/20/95		7/14/95		7/14/95		7/14/95		7/14/95	7/14/95	
Analysis Date	6/26/95	6/26/95		7/21/95		7/21/95		7/21/95		7/19/95	7/19/95	
Units	%	ng Sn/g		ng Sn/g		%		%		%	ng Sn/g	
Tripropyltin % recovery	51	25		38		60		37		44	87	
Tetrabutyltin	NA	1.65	J	0.63	J	1.59	J	119		85	4.92	J
Tributyltin	75.10	2.15	J	2.09	J	5.47	J	115		118	0.49	J
Dibutyltin	53.50		ND	3.51	J	3.44	J	79		98	5.1	J
Monobutyltin	25.71	1.39	J	1.23	J	2.68	J	41		74	3.85	J

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
* Samples mixed, see case narrative

Butyltin Data
(Sediment)

Mussel Watch Project Year 9 - Butyltin Data (Sediment)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Dry Weight (g)	Wet Weight (g)	Concentration Basis	% solid	% Moisture	% Lipid	Organism	Page Number	Receive Date
FBFO	K8098	F8098F	SEDIMENT	SAMP	15.28	51.28	Dry	29.80	70.20	NA	NA	TBT 207	1/27/94
FBFO	K8099	K8099F	SEDIMENT	SAMP	15.01	54.58	Dry	27.50	72.50	NA	NA	TBT 207	1/27/94
FBFO	K8100	K8100F	SEDIMENT	SAMP	10.03	37.64	Dry	26.65	73.35	NA	NA	TBT 207	1/27/94
FBJB	K8113	K8113F	SEDIMENT	SAMP	15.00	51.94	Dry	28.88	71.12	NA	NA	TBT 207	1/27/94
FBJB	K8114	K8114F	SEDIMENT	SAMP	7.51	23.96	Dry	31.35	68.65	NA	NA	TBT 207	1/27/94
FBJB	K8115	K8115F	SEDIMENT	SAMP	15.00	51.07	Dry	29.37	70.63	NA	NA	TBT 207	1/27/94

Mussel Watch Project Year 9 - Butyltin Data (Sediment)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Extraction Date	Analysis Date	Units	Tripropyltin % recovery	Tetrabutyltin	TetrabutyltinQ	Tributyltin	TributyltinQ
FBFO	K8098	F8098F	SEDIMENT	SAMP	10/11/94	10/17/94	ng Sn/g	90		ND	49.50	
FBFO	K8099	K8099F	SEDIMENT	SAMP	10/11/94	10/17/94	ng Sn/g	82		ND	52.50	
FBFO	K8100	K8100F	SEDIMENT	SAMP	10/11/94	10/17/94	ng Sn/g	86		ND	54.30	
FBJB	K8113	K8113F	SEDIMENT	SAMP	10/11/94	10/17/94	ng Sn/g	87		ND	53.80	
FBJB	K8114	K8114F	SEDIMENT	SAMP	10/11/94	10/17/94	ng Sn/g	78		ND	51.40	
FBJB	K8115	K8115F	SEDIMENT	SAMP	10/11/94	10/17/94	ng Sn/g	89		ND	59.30	

Mussel Watch Project Year 9 - Butyltin Data (Sediment)

Site	Lab Sample ID	File No.	Matrix	Sample Type	Dibutyltin	DibutyltinQ	Monobutyltin	MonobutyltinQ
FBFO	K8098	F8098F	SEDIMENT	SAMP	5.30	J	0.40	J
FBFO	K8099	K8099F	SEDIMENT	SAMP	3.70	J	0.20	J
FBFO	K8100	K8100F	SEDIMENT	SAMP	4.70	J	0.60	J
FBJB	K8113	K8113F	SEDIMENT	SAMP	2.80	J	0.40	J
FBJB	K8114	K8114F	SEDIMENT	SAMP	1.90	J		ND
FBJB	K8115	K8115F	SEDIMENT	SAMP	2.50	J	0.10	J

Butyltin QC Data
(Sediment)

Mussel Watch Project Year 9 - Butyltin QC Data (Sediment)

Site	FBJB		FBJB		FBJB	Q11006	Q11005		NRCC PACS-1		RANGE
Lab Sample ID	K8114		Q11002		Q11004	Q11006	Q11005		Q11003		
File No.	K8144F		Q11002		Q11004	Q11006	Q11005		Q11003		
Matrix	SEDIMENT		SEDIMENT		SEDIMENT	SEDIMENT	SEDIMENT		SEDIMENT		
Sample Type	SAMP		DUP		MS	LBS	BLANK		SRM		
Dry Weight (g)	7.51		7.50		7.50	1.00	12.19		0.30		
Wet Weight (g)	23.96		23.92		23.92	NA	NA		0.30		
Concentration Basis	Dry		Dry		Dry	Dry	Dry		Dry		
% solid	31.35		31.35		31.35	NA	NA		100.00		
% Moisture	68.65		68.65		68.65	NA	NA		0.00		
% Lipid	NA		NA		NA	NA	NA		NA		
Organism	NA		NA		NA	NA	NA		NA		
Page Number	TBT 207		TBT 207		TBT 207	TBT 207	TBT 207		TBT 207		
Receive Date	1/27/94		1/27/94		1/27/94	NA	NA		NA		
Extraction Date	10/11/94		10/11/94		10/11/94	10/11/94	10/11/94		10/11/94		
Analysis Date	10/17/94		10/17/94		10/17/94	10/17/94	10/17/94		10/17/94		
Units	ng Sn/g		ng Sn/g		%	%	ng Sn/g		ng Sn/g		
Tripropyltin % recovery	78		81		92	82	85		89		
Tetrabutyltin		ND		ND	109	101		ND		ND	NA
Tributyltin	51.4		49.3		88	99		ND	1234		1050-1490
Dibutyltin	1.9		1.8		94	96		ND	1028.6		980-1340
Monobutyltin		ND		ND	56	84		ND	240.1		110-450

Method Detection Limits

PAH
Method Detection Limits

Mussel Watch Project Year 9 - Method Detection Limits PAH

	Sediments	Tissues
Sample Weight (g)	15.0	1.0
Final Volume (ml)	1.00	1.00
Units	ng/g Dry	ng/g Dry
Compound		
NAPHTHALENE	1.1	6.2
C1-NAPHTHALENES	2.3	19.6
C2-NAPHTHALENES	1.2	17.3
C3- & C4-NAPHTHALENES	1.3	24.8
BIPHENYL	0.4	9.2
ACENAPHTHYLENE	0.5	7.3
ACENAPHTHENE	0.6	8.5
FLUORENE	0.6	9.3
C1- to C3-FLUORENES	1.2	18.6
PHENANTHRENE	0.6	3.5
ANTHRACENE	0.5	2.3
C1- to C4-PHENANTHRENES & ANTHRACENES	1.1	29.9
DIBENZOTHIOPHENE	0.5	2.2
C1- tO C3-DIBENZOTHIOPH	1.0	4.4
FLUORANTHENE	0.3	4.2
PYRENE	0.4	4.4
C1-FLUORANTHENES & & PYRENES	0.7	8.7
BENaANTHRACENE	0.4	5.1
CHRYSENE	0.3	11.1
C1- to C4-CHRYSENES	0.7	22.1
BENbFLUORANTHENE	0.3	4.0
BENkFLUORANTHENE	0.3	4.0
BENePYRENE	0.2	2.5
BENaPYRENE	0.3	4.9
PERYLENE	2.7	4.8
I123cdPYRENE	0.3	5.6
DBahANTHRACENE	0.4	2.8
BghiPERYLENE	0.3	3.0
2-METHYLNAPHTHALENE	1.2	10.5
1-METHYLNAPHTHALENE	1.1	9.0
2,6-DIMETHNAPHTHALENE	0.6	8.7
1,6,7-TRIMETHNAPH	0.7	12.4
1-METHYLPHENANTHREN	0.5	14.9

Pesticides and PCBs
Method Detection Limits

Mussel Watch Project Year 9 - Method Detection Limits Pesticide and PCBs

	SEDIMENTS		TISSUES	
	MDL	MDL	MDL	MDL
Dry Weight (g)	14.58		1.37	
Wet Weight (g)		29.35		15.20
Concentration Basis	Dry	Wet	Dry	Wet
Units	ng/g	ng/g	ng/g	ng/g
Alpha BHC	0.09	0.05	0.34	0.03
HCB	0.05	0.03	0.40	0.04
Beta BHC	0.03	0.02	0.17	0.02
Gamma BHC	0.04	0.02	0.25	0.02
Delta BHC	0.17	0.09	0.89	0.08
Hepta Chlor	0.19	0.09	0.53	0.05
Hepta Epoxide	0.32	0.16	0.09	0.01
Oxychlordane	0.18	0.09	0.85	0.08
Gamma Chlordane	0.05	0.02	0.29	0.03
Alpha Chlordane	0.04	0.02	0.49	0.04
Trans-Nonachlor	0.04	0.02	0.25	0.02
Cis-Nonachlor	0.03	0.01	0.29	0.03
Aldrin	0.04	0.02	0.41	0.04
Dieldrin	0.42	0.21	1.02	0.09
Endrin	NA	NA	1.01	0.09
Mirex	0.04	0.02	0.28	0.02
2,4' DDE	0.05	0.02	0.44	0.04
4,4' DDE	0.06	0.03	0.92	0.08
2,4' DDD	0.04	0.02	0.17	0.02
4,4' DDD	0.11	0.05	0.28	0.03
2,4' DDT	0.33	0.16	0.31	0.03
4,4' DDT	0.08	0.04	0.83	0.07
Endosulfan II	0.08	0.04	0.83	0.08
PCB8	0.14	0.07	1.40	0.13
PCB18	0.07	0.04	1.08	0.10
PCB28	0.06	0.03	0.75	0.07
PCB52	0.07	0.04	1.00	0.09
PCB44	0.08	0.04	0.62	0.06
PCB66	0.10	0.05	0.65	0.06
PCB101	0.09	0.05	0.47	0.04
PCB118/108	0.32	0.16	1.31	0.12
PCB153	0.15	0.08	2.61	0.24
PCB105	0.17	0.09	1.18	0.11
PCB138	0.17	0.08	1.02	0.09
PCB187/182/159	0.11	0.05	0.38	0.03
PCB128	0.22	0.11	0.62	0.06
PCB180	0.09	0.05	0.76	0.07
PCB170	0.12	0.06	2.35	0.21
PCB195	0.11	0.06	0.82	0.07
PCB206	0.13	0.06	0.48	0.04
PCB209	0.22	0.11	1.10	0.10

Trace Metal
Method Detection Limits

Mussel Watch Project Year 9
Method Detection Limits - Trace Metals (ppm)

	Ag	Al	As	Ba	Cd	Cr	Cu	Hg	Fe	Ni	Pb	Sb	Se	Sn	V	Zn
Sediment:	0.026	444	0.29	5	0.008	0.11	0.44	0.0075	40.5	0.72	0.35	0.4	0.17	0.11	2	2.2
Tissue:	0.035		0.17	5	0.008	0.12	0.25	0.034	12.8	0.17	0.12		0.49	0.19	2	1.9

Butyltin
Method Detection Limits

Mussel Watch Project Year 9 - Method Detection Limits Butyltin

Matrix	Dry Weight (g)	Units	Tetrabutyltin	Tributyltin	Dibutyltin	Monobutyltin
SEDIMENT	15.00	ng/g	1.00	1.00	1.00	1.00
TISSUE	3.63	ng/g	4.69	5.53	5.56	6.45

DATE DUE

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