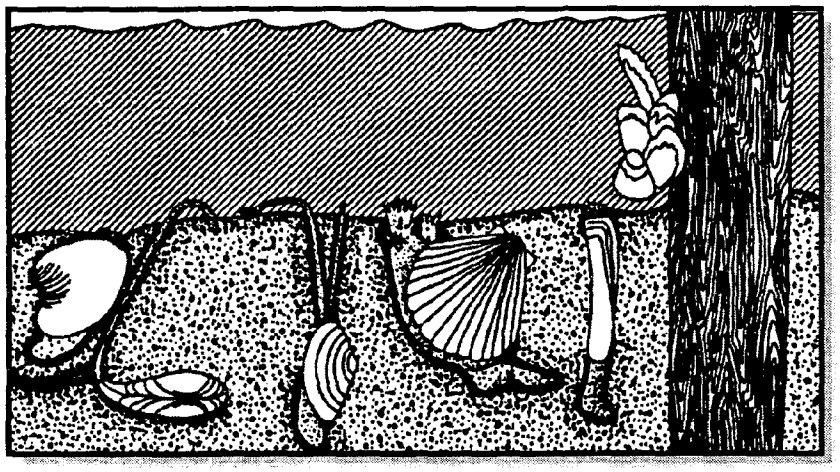
NOAA STATUS AND TRENDS
Mussel Watch Project
Analytical Data
Year VIII

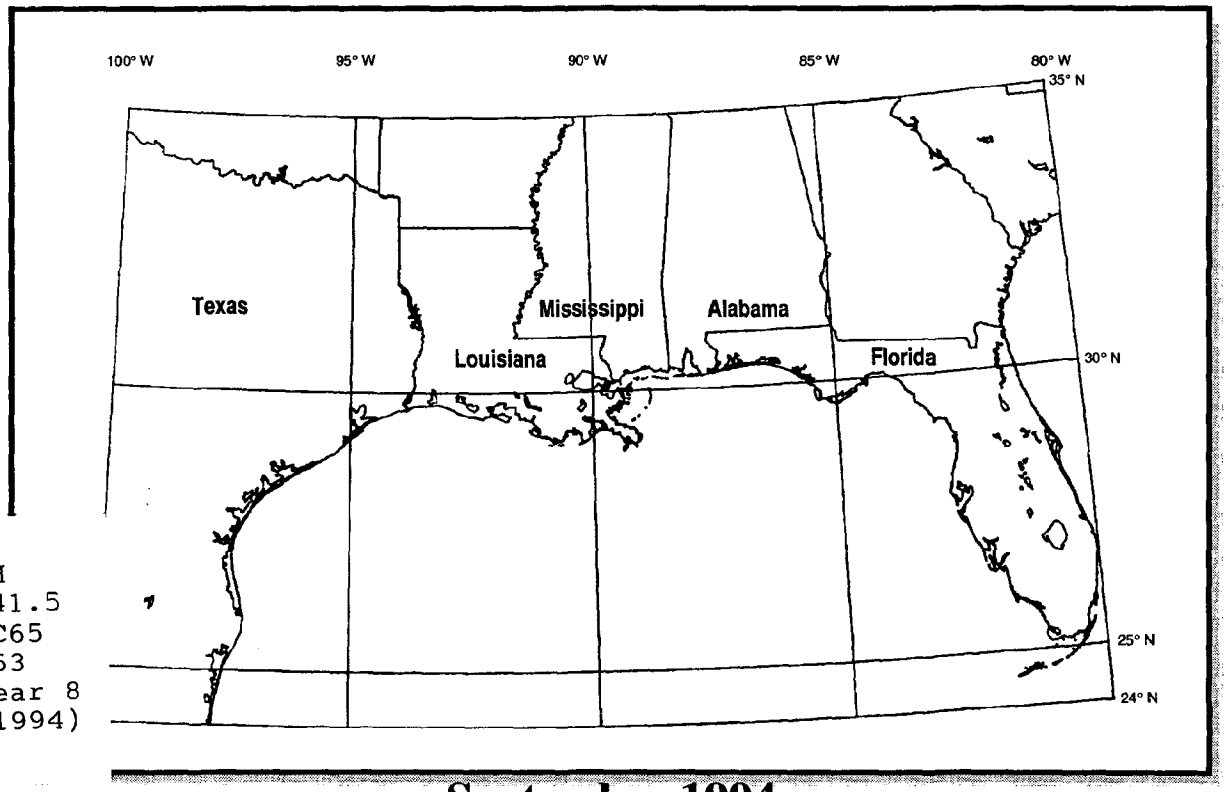
The Geochemical and Environmental Research Group

Texas A&M Research Foundation



Submitted to:

U.S. Department of Commerce
National Oceanic & Atmospheric Adm.
Ocean Assessment Division
6001 Executive Blvd., Rm. 323
Rockville, Maryland 20852



QH
541.5
.C65
A63
year 8
(1994)

September 1994

Property of CSC Library

NOAA Status and Trends
Mussel Watch Project - Year 8
Analytical Data

Table of Contents

Page

MUSSEL WATCH PROJECT 1

- Field Station Data 2
- Hydrocarbon Results 7
- Aromatic Data 8
- Aromatic QC Data 57
- Pesticides and PCBs Data 82
- Pesticide QC Data 131
- Trace Metal 142
- Trace Metal QC Data 147

ST. JOHN'S CORE DATA 152

- Hydrocarbon Results 153
- Pesticide and PCB Results 175

ANTARCTIC STUDIES 184

- Limpet Aromatic Hydrocarbon Data 185
- Limpet Pesticides and PCBs 213
- Limpet Metal Data 253

- McMurdo Sediment Aromatic Hydrocarbon Data 262
- McMurdo Sediment Pesticides and PCB Data 271
- McMurdo Sediment Metal Data 284

- Palmer Fish Aromatic Hydrocarbon Data 288
- Palmer Fish Pesticides and PCB Data 316
- Palmer Fish Metal Data 353

METHOD DETECTION LIMITS 358

- Aromatic Method Detection Limits 359
- Pesticides and PCBs Method Detection Limits 363
- Trace Metals Method Detection Limits 369

U.S. DEPARTMENT OF COMMERCE NOAA
COASTAL SERVICES CENTER
2234 SOUTH HOBSON AVENUE
CHARLESTON, SC 29405-2413

MUSSEL WATCH PROJECT

Field Station Data

Mussel Watch Project Year 8 - Site Data

Site	Name	Deg Min Latitude	Deg Min Longitude	Type	M/D/Y Date	Collection Method	Bottom Type	Scientist	Species	(m) Depth	°C Temp	0/00 Salinity	Local Time High Water	Local Time Low Water	Tidal Reference	Tidal Horizon (m)
LMSB	SOUTH BAY LOWER LAGUNA MADRE	26°02.42'	97°10.49'	B	12/16/92	H	N	Roger Fay	*C. virginica*	0.1	15	34	21:48	15:20	Galveston	0.25
		26°02.42'	97°10.49'	B	12/16/92	H	N	Roger Fay	*C. virginica*	0.1	15	34	21:48	15:20	Galveston	0.25
		26°02.42'	97°10.49'	B	12/16/92	H	N	Roger Fay	*C. virginica*	0.1	15	34	21:48	15:20	Galveston	0.25
CCNB	NEUCES BAY CORPUS CHRISTI	27°51.24'	97°21.47'	B	12/15/92	H	SM	Wilson	*C. virginica*	0 - 0.5	11	28	21:21	14:14	Galveston	0.31
		27°51.24'	97°21.47'	B	12/15/92	H	SM	Wilson	*C. virginica*	0 - 0.5	11	25	21:21	14:14	Galveston	0.31
		27°51.24'	97°21.47'	B	12/15/92	H	SM	Wilson	*C. virginica*	0 - 0.5	11	30	21:21	14:14	Galveston	0.31
ABLR	LONG REEF ARANSAS BAY	28°03.96'	96°57.79'	B	12/16/92	H	MNSG	Wilson	*C. virginica*	0 - 0.5	15	20	21:48	15:20	Galveston	0.25
		28°03.96'	96°57.79'	B	12/16/92	H	MNSG	Wilson	*C. virginica*	0 - 0.5	15	20	21:48	15:20	Galveston	0.25
		28°03.96'	96°57.79'	B	12/16/92	H	MNSG	Wilson	*C. virginica*	0 - 0.5	15	20	21:48	15:20	Galveston	0.25
MBAR	AYRES REEF MESQUITE BAY	28°09.82'	96°49.96'	B	12/16/92	H		Wilson	*C. virginica*	0 - 0.3	15	20	21:48	15:20	Galveston	0.25
		28°09.82'	96°49.96'	B	12/16/92	H		Wilson	*C. virginica*	0 - 0.3	15	20	21:48	15:20	Galveston	0.25
		28°09.82'	96°49.96'	B	12/16/92	H		Wilson	*C. virginica*	0 - 0.3	15	20	21:48	15:20	Galveston	0.25
SAPP	PANTHER PT. REEF SAN ANTONIO BAY	28°13.87'	96°42.41'	B	12/16/92	D	S	Wilkinson	*C. virginica*	1.0 - 2.0	14	20	21:48	15:20	Galveston	0.25
		28°13.87'	96°42.41'	B	12/16/92	D	S	Wilkinson	*C. virginica*	1.0 - 2.0	14	20	21:48	15:20	Galveston	0.25
		28°13.87'	96°42.41'	B	12/16/92	D	S	Wilkinson	*C. virginica*	1.0 - 2.0	14	20	21:48	15:20	Galveston	0.25
ESBD	BILL DAYS REEF ESPIRITU SANTO	28°25.02'	96°25.86'	B	12/17/92	H	SNA	Wilson	*C. virginica*	0 - 0.4	16	30	22:10	04:45	Galveston	0.27
		28°25.02'	96°25.86'	B	12/17/92	H	SNA	Wilson	*C. virginica*	0 - 0.4	16	30	22:10	04:45	Galveston	0.27
		28°25.02'	96°25.86'	B	12/17/92	H	SNA	Wilson	*C. virginica*	0 - 0.4	16	30	22:10	04:45	Galveston	0.27
MBGP	GALLINIPPER PT., MATAGORDA BAY	28°35.13'	96°34.25'	B	12/17/92	H	SR	Wilkinson	*C. virginica*	1.5	13	20	22:10	04:45	Galveston	0.27
		28°35.17'	96°34.22'	B	12/17/92	D	S	Wilkinson	*C. virginica*	2.0	13	20	22:10	04:45	Galveston	0.27
		28°35.29'	96°34.17'	B	12/17/92	D	SR	Wilkinson	*C. virginica*	2.0	13	20	22:10	04:45	Galveston	0.27
MBLR	LAVACA RIVER MOUTH MATAGORDA BAY	28°39.63'	96°35.04'	B	12/16/92	H	S	Wilkinson	*C. virginica*	0.1	16	15	15:20	21:48	Galveston	0.25
		28°39.76'	96°34.91'	B	12/16/92	H	SHM	Wilkinson	*C. virginica*	0.1	16	15	15:20	21:48	Galveston	0.25
		28°39.76'	96°34.91'	B	12/16/92	H	SHM	Wilkinson	*C. virginica*	0.1	16	15	15:20	21:48	Galveston	0.25
MBCB	MATAGORDA BAY CARANCAHUA BAY	walk up site		B	12/17/92	H	SR	Wilkinson	*C. virginica*	0.1	16	20	22:10	04:45	Galveston	0.27
		walk up site		B	12/17/92	H	SR	Wilkinson	*C. virginica*	0.1	16	20	22:10	04:45	Galveston	0.27
		walk up site		B	12/17/92	H	SR	Wilkinson	*C. virginica*	0.1	16	20	22:10	04:45	Galveston	0.27
MBTP	TRES PALACIOS BAY MATAGORDA BAY	28°39.72'	96°13.17'	B	12/15/92	H	SMN	Wilkinson	*C. virginica*	0.2	14	23	21:21	14:14	Galveston	0.31
		29°39.55'	96°13.41'	B	12/15/92	H	MN	Wilkinson	*C. virginica*	0.2	15	23	21:21	14:14	Galveston	0.31
		28°39.29'	96°13.66'	B	12/15/92	H	SMN	Wilkinson	*C. virginica*	0.2	15	20	21:21	14:14	Galveston	0.31
MBEM	EAST MATAGORDA MATAGORDA BAY	28°42.77'	95°33.07'	B	12/15/92	H	R	Wilkinson	*C. virginica*	0.2	13	22	21:21	14:14	Galveston	0.31
		28°42.68'	95°53.07'	B	12/15/92	H	R	Wilkinson	*C. virginica*	0.2	13	22	21:21	14:14	Galveston	0.31
		28°42.80'	95°53.35'	B	12/15/92	H	R	Wilkinson	*C. virginica*	0.2	12	24	21:21	14:14	Galveston	0.31
BRCL	BRAZOS RIVER CEDAR LAKE	28°51.46'	95°27.91'	B	12/8/92	H	R	Wilkinson	*C. virginica*	0.1	13	24	16:54	08:39	Galveston	0.58
		28°51.00'	95°27.00'	B	12/8/92	H	R	Wilkinson	*C. virginica*	0.1	13	24	16:54	08:39	Galveston	0.58
		28°51.58'	95°27.70'	B	12/8/92	H	C	Wilkinson	*C. virginica*	0.1	13	24	16:54	08:39	Galveston	0.58
BRFS	FREEPORT SURFSIDE BRAZOS RIVER	28°55.25'	95°20.35'	B	12/8/92	H	BC	Wilkinson	*C. virginica*	0.2	13	24	16:54	08:39	Galveston	0.58
		28°55.25'	95°20.35'	B	12/8/92	H	BC	Wilkinson	*C. virginica*	0.2	14	24	16:54	08:39	Galveston	0.58
		28°55.25'	95°20.35'	B	12/8/92	H	BC	Wilkinson	*C. virginica*	0.2	13	24	16:54	08:39	Galveston	0.58
GBCR	CONFEDERATE REEF GALVESTON BAY	29°15.80'	94°54.85'	B	12/9/92	H	SR	Wilkinson	*C. virginica*	0.1	13	20	17:40	09:22	Galveston	0.61
		29°15.80'	94°54.85'	B	12/9/92	H	SR	Wilkinson	*C. virginica*	0.1	13	25	17:40	09:22	Galveston	0.61
		29°15.80'	94°54.85'	B	12/9/92	H	SR	Wilkinson	*C. virginica*	0.1	13	26	17:40	09:22	Galveston	0.61
GBOB	OFFATS BAYOU GALVESTON BAY	27°17.10'	94°50.16'	B	12/9/92	H	B	Wilkinson	*C. virginica*	0.2	15	25	17:40	09:22	Galveston	0.61
		27°17.10'	94°50.16'	B	12/9/92	H	B	Wilkinson	*C. virginica*	0.2	14	25	17:40	09:22	Galveston	0.61
		27°17.10'	94°50.16'	B	12/9/92	H	B	Wilkinson	*C. virginica*	0.2	16	25	17:40	09:22	Galveston	0.61
GBTD	TODD'S DUMP GALVESTON BAY	29°30.13'	94°53.71'	B	12/10/92	D	SM	Wilkinson	*C. virginica*	1.5	14	18	18:30	10:05	Galveston	0.64
		29°30.27'	94°53.45'	B	12/10/92	D	SM	Wilkinson	*C. virginica*	3.0	13	18	18:30	10:05	Galveston	0.64
		29°30.03'	94°53.18'	B	12/10/92	D	SM	Wilkinson	*C. virginica*	3.0	13	18	18:30	10:05	Galveston	0.64
GBYC	YACHT CLUB GALVESTON BAY	29°37.36'	94°59.73'	B	12/9/92	D	S	Wilkinson	*C. virginica*	3.0	13	16	17:40	09:22	Galveston	0.61
		29°37.36'	94°59.73'	B	12/9/92	D	S	Wilkinson	*C. virginica*	3.0	13	16	17:40	09:22	Galveston	0.61
		29°37.36'	94°59.73'	B	12/9/92	D	S	Wilkinson	*C. virginica*	3.0	13	20	17:40	09:22	Galveston	0.61
GBSC	SHIP CHANNEL GALVESTON BAY	29°42.42'	94°59.60'	B	12/9/92	T	SM	Wilson	*C. virginica*	1.0	14	15	17:40	09:22	Galveston	0.61
		29°41.39'	94°59.23'	B	12/9/92	T	SM	Wilson	*C. virginica*	1.0	14	15	17:40	09:22	Galveston	0.61
		29°41.39'	94°59.23'	B	12/9/92	T	SM	Wilson	*C. virginica*	1.0	14	15	17:40	09:22	Galveston	0.61

BOTTOM: S=SHELL,M=MUD,E=CONCRETE,N=SAND,G=GRASS,H=HASH,C=CLAY,R=REEF,B=RUBBLE,K=KELP,A=ALGAE,T=ROOTS,P=PEAT COLLECTION METHOD: H=HAND,T=TONGS,D=DREDGE,R=RAKE SAMPLE TYPE: B=BIVALVE,S=SEDIMENT

Mussel Watch Project Year 8 - Site Data

Site	Name	Deg Min Latitude	Deg Min Longitude	Type	M/D/Y Date	Collection Method	Bottom Type	Scientist	Species	(m) Depth	°C Temp	0/00 Salinity	Local Time High Water	Local Time Low Water	Tidal Reference	Tidal Horizon (m)
GBHR	HANNA REEF GALVESTON BAY	29°28.73'	94°43.57'	B	12/10/92	D	SMR	Wilkinson	*C. virginica*	2.0	13	18	18:30	10:05	Galveston	0.64
		29°28.73'	94°43.57'	B	12/10/92	D	SMR	Wilkinson	*C. virginica*	2.0	13	18	18:30	10:05	Galveston	0.64
		29°28.73'	94°43.57'	B	12/10/92	D	SMR	Wilkinson	*C. virginica*	2.0	13	18	18:30	10:05	Galveston	0.64
SLBB	BLUE BUCK POINT SABINE LAKE	29°47.09'	93°54.36'	B	12/10/92	T	SM	Wilson	*C. virginica*	2.2	12	16	18:30	10:05	Galveston	0.64
		29°47.09'	93°54.36'	B	12/10/92	T	SM	Wilson	*C. virginica*	2.2	12	16	18:30	10:05	Galveston	0.64
		29°47.09'	93°54.36'	B	12/10/92	T	SM	Wilson	*C. virginica*	2.2	12	16	18:30	10:05	Galveston	0.64
CLSJ	ST. JOHNS ISLAND CALCASIEU LAKE	29°49.65'	93°23.04'	B	12/11/92	H/T	S	Wilson	*C. virginica*	0 - 2.5	17	17	19:12	10:49	Galveston	0.61
		29°49.65'	93°23.04'	B	12/11/92	H/T	S	Wilson	*C. virginica*	0 - 2.5	17	17	19:12	10:49	Galveston	0.61
		29°49.65'	93°23.04'	B	12/11/92	H/T	S	Wilson	*C. virginica*	0 - 2.5	17	17	19:12	10:49	Galveston	0.61
CLLC	LAKE CHARLES CALCASIEU LAKE	30°03.51'	93°18.43'	B	12/10/92	H	SM	Wilson	*C. virginica*	0 - 0.3	13	15	18:30	10:05	Galveston	0.64
		30°03.51'	93°18.43'	B	12/10/92	H	SM	Wilson	*C. virginica*	0 - 0.3	13	14	18:30	10:05	Galveston	0.64
		30°03.51'	93°18.43'	B	12/10/92	H	SM	Wilson	*C. virginica*	0 - 0.3	13	13	18:30	10:05	Galveston	0.64
JHJH	JOSEPH HARBOR BAYOU J. HARBOR BAYOU	29°37.96'	92°45.78'	B	12/11/92	H	R	Wilson	*C. virginica*		13	10	19:12	10:49	Galveston	0.61
VBSP	SOUTHWEST PASS VERMILLION BAY	29°34.45'	92°09.91'	B	1/5/93	D	SMH	Wilkinson	*C. virginica*	2.0	18	5	16:07	07:37	Galveston	0.55
		29°34.45'	92°09.91'	B	1/5/93	D	SMH	Wilkinson	*C. virginica*	2.0	18	5	16:07	07:37	Galveston	0.55
		29°34.45'	92°09.91'	B	1/5/93	D	SMH	Wilkinson	*C. virginica*	2.0	18	5	16:07	07:37	Galveston	0.55
ABOB	OYSTER BAYOU ATCHAFALAYA BAY	29°14.51'	91°08.13'	B	1/6/93	D	SM	Wilkinson	*C. virginica*	1.5	17	5	16:45	08:22	Galveston	0.61
		29°14.51'	91°08.13'	B	1/6/93	H	SM	Wilkinson	*C. virginica*			5	16:45	08:22	Galveston	0.61
		29°14.51'	91°08.13'	B	1/6/93	H	SM	Wilkinson	*C. virginica*	0.2	17	5	16:45	08:22	Galveston	0.61
CLCL	CAILLOU LAKE CAILLOU LAKE	29°15.30'	90°56.02'	B	1/6/93	D	SM	Wilkinson	*C. virginica*	2.0	18	8	16:45	08:22	Galveston	0.61
		29°15.30'	90°56.02'	B	1/6/93	D	SM	Wilkinson	*C. virginica*	2.0	18	8	16:45	08:22	Galveston	0.61
		29°15.30'	90°56.02'	B	1/6/93	D	SM	Wilkinson	*C. virginica*	2.0	18	8	16:45	08:22	Galveston	0.61
TBLB	LAKE BARRE TERREBONNE BAY	29°15.60'	90°35.76'	B	1/6/93	H	SM	Wilson	*C. virginica*	0 - 0.4	18	10	16:45	08:22	Galveston	0.61
		29°15.60'	90°35.76'	B	1/6/93	H	SM	Wilson	*C. virginica*	0 - 0.4	18	10	16:45	08:22	Galveston	0.61
		29°15.60'	90°35.76'	B	1/6/93	H	SM	Wilson	*C. virginica*	0 - 0.4	18	10	16:45	08:22	Galveston	0.61
TBLF	LAKE FELICITY TERREBONNE BAY	29°15.84'	90°23.88'	B	1/6/93	H	SM	Wilson	*C. virginica*	0 - 0.4	16	20	16:45	08:22	Galveston	0.61
		29°15.84'	90°23.88'	B	1/6/93	H	M	Wilson	*C. virginica*	0 - 0.4	16	20	16:45	08:22	Galveston	0.61
		29°15.84'	90°23.88'	B	1/6/93	H	MG	Wilson	*C. virginica*	0 - 0.4	16	20	16:45	08:22	Galveston	0.61
BBSD	BAYOU ST. DENIS BARATARIA BAY	29°24.05'	89°59.82'	B	1/5/93	T	M	Wilson	*C. virginica*	2.0	19	10	16:07	07:37	Galveston	0.55
		29°24.05'	89°59.82'	B	1/5/93	T	M	Wilson	*C. virginica*	2.0	19	10	16:07	07:37	Galveston	0.55
		29°24.05'	89°59.82'	B	1/5/93	T	M	Wilson	*C. virginica*	2.0	19	10	16:07	07:37	Galveston	0.55
BBMB	MIDDLE BANK BARATARIA BAY	29°16.55'	89°56.49'	B	1/5/93	H	MG	Wilson	*C. virginica*	0 - 0.3	19	20	16:07	07:37	Galveston	0.55
		29°16.55'	89°56.49'	B	1/5/93	H	MG	Wilson	*C. virginica*	0 - 0.3	19	20	16:07	07:37	Galveston	0.55
		29°16.55'	89°56.49'	B	1/5/93	H	MG	Wilson	*C. virginica*	0 - 0.3	19	20	16:07	07:37	Galveston	0.55
MRTP	TIGER PASS MISSISSIPPI RIVER	29°08.64'	89°25.66'	B	1/7/93	H	G	Wilkinson	*C. virginica*	0.0	13	2	22:59	09:57	Mobile	0.76
		29°08.64'	89°25.66'	B	1/7/93	H	G	Wilkinson	*C. virginica*	0.0	13	2	22:59	09:57	Mobile	0.76
		29°08.64'	89°25.66'	B	1/7/93	H	G	Wilkinson	*C. virginica*	0.0	13	2	22:59	09:57	Mobile	0.76
MRPL	PASS A LOUTRE MISSISSIPPI RIVER, LA	29°04.90'	89°05.48'	B	1/7/93	D	MS	Wilkinson	*C. virginica*	2.0	13	5	22:59	09:57	Mobile	0.76
		29°04.90'	89°05.48'	B	1/7/93	D	MS	Wilkinson	*C. virginica*	2.0	13	5	22:59	09:57	Mobile	0.76
		29°04.90'	89°05.48'	B	1/7/93	D	MS	Wilkinson	*C. virginica*	2.0	13	5	22:59	09:57	Mobile	0.76
BSSI	SABLE ISLAND BRETON SOUND	29°24.12'	89°29.21'	B	1/8/93	D	MS	Wilkinson	*C. virginica*	1.0	10	2	23:48	10:33	Mobile	0.73
		29°24.12'	89°29.21'	B	1/8/93	D	MS	Wilkinson	*C. virginica*	1.0	10	2	23:48	10:33	Mobile	0.73
		29°24.12'	89°29.21'	B	1/8/93	D	MS	Wilkinson	*C. virginica*	1.0	10	2	23:48	10:33	Mobile	0.73
BSBG	BAY GARDERNE BRETON SOUND	29°35.90'	89°37.27'	B	1/7/93	H	SM	Wilson	*C. virginica*	0 - 0.4	16	10	22:59	09:57	Mobile	0.76
		29°35.90'	89°37.27'	B	1/7/93	H	SM	Wilson	*C. virginica*	0 - 0.4	16	10	22:59	09:57	Mobile	0.76
		29°35.90'	89°37.27'	B	1/7/93	H	SM	Wilson	*C. virginica*	0 - 0.4	16	10	22:59	09:57	Mobile	0.76
LBMP	MALHEUREUX POINT LAKE BORGNE	29°51.99'	89°40.71'	B	1/7/93	H	SM	Wilson	*C. virginica*	0 - 0.4	16	8	22:59	09:57	Mobile	0.76
		29°51.99'	89°40.71'	B	1/7/93	H	SM	Wilson	*C. virginica*	0 - 0.4	16	8	22:59	09:57	Mobile	0.76
		29°51.99'	89°40.71'	B	1/7/93	H	SM	Wilson	*C. virginica*	0 - 0.4	16	8	22:59	09:57	Mobile	0.76
MSPC	MISSISSIPPI SOUND PASS CHRISTIAN	30°18.13'	89°19.70'	B	1/8/93	D	NSH	Wilkinson	*C. virginica*	2.5	15	10	23:48	10:33	Mobile	0.73
		30°18.13'	89°19.70'	B	1/8/93	D	NSH	Wilkinson	*C. virginica*	2.5	15	10	23:48	10:33	Mobile	0.73
		30°18.13'	89°19.70'	B	1/8/93	D	NSH	Wilkinson	*C. virginica*	2.5	15	10	23:48	10:33	Mobile	0.73
MSBB	MISSISSIPPI SOUND BILOXI BAY	30°23.55'	88°51.46'	B	1/8/93	H		Wilson	*C. virginica*	0 - 0.3	16	10	23:48	10:33	Mobile	0.73
		30°23.55'	88°51.46'	B	1/8/93	H		Wilson	*C. virginica*	0 - 0.3	16	10	23:48	10:33	Mobile	0.73

BOTTOM: S=SHELL,M=MUD,E=CONCRETE,N=SAND,G=GRASS,H=HASH,C=CLAY,R=REEF,B=RUBBLE,K=KELP,A=ALGAE,T=ROOTS,P=PEAT COLLECTION METHOD: H=HAND,T=TONGS,D=DREDGE,R=RAKE SAMPLE TYPE: B=BIVALVE,S=SEDIMENT

Mussel Watch Project Year 8 - Site Data

Site	Name	Deg Min Latitude	Deg Min Longitude	Type	M/D/Y Date	Collection Method	Bottom Type	Scientist	Species	(m) Depth	°C Temp	0/00 Salinity	Local Time High Water	Local Time Low Water	Tidal Reference	Tidal Horizon (m)
		30°23.55'	88°51.46'	B	1/8/93	H		Wilson	*C. virginica*	0 - 0.3	16	10	23:48	10:33	Mobile	0.73
MSPB	PASCAGOULA BAY MISSISSIPPI SOUND	30°20.44'	88°35.55'	B	1/9/93	D	SR	Wilkinson	*C. virginica*	1.0	12	6	24:00	11:05	Mobile	0.70
		30°20.44'	88°35.55'	B	1/9/93	D	MS	Wilkinson	*C. virginica*	1.0	13	6	24:00	11:05	Mobile	0.70
		30°20.44'	88°35.55'	B	1/9/93	D	SR	Wilkinson	*C. virginica*	2.0	15	6	24:00	11:05	Mobile	0.70
MBCP	CEDAR POINT REEF MOBILE BAY	30°18.64'	88°08.15'	B	1/9/93	H	NS	Wilson	*C. virginica*	0 0.5	14	7	24:00	11:05	Mobile	0.70
		30°18.64'	88°08.15'	B	1/9/93	H	NS	Wilson	*C. virginica*	0 0.5	14	7	24:00	11:05	Mobile	0.70
		30°18.64'	88°08.15'	B	1/9/93	H	NS	Wilson	*C. virginica*	0 0.5	14	7	24:00	11:05	Mobile	0.70
MBHI	HOLLINGERS ISLE CHA MOBILE BAY	30°33.93'	88°04.59'	B	1/9/93	T	MSN	Wilson	*C. virginica*	2.0	14	5	24:00	11:05	Mobile	0.70
		30°33.93'	88°04.59'	B	1/9/93	T	MSN	Wilson	*C. virginica*	2.0	14	5	24:00	11:05	Mobile	0.70
		30°33.93'	88°04.59'	B	1/9/93	T	MSN	Wilson	*C. virginica*	2.0	14	5	24:00	11:05	Mobile	0.70
PBPH	PUBLIC HARBOR PENSACOLA BAY	30°24.62'	87°11.43'	B	1/11/93	R	N	Wilson	*C. virginica*	5.0	16	18	00:18	10:30	Pensacola	0.36
		30°24.62'	87°11.43'	B	1/11/93	R	N	Wilson	*C. virginica*	5.0	16	18	00:18	10:30	Pensacola	0.36
		30°24.62'	87°11.43'	B	1/11/93	R	N	Wilson	*C. virginica*	5.0	16	18	00:18	10:30	Pensacola	0.36
PBIB	INDIAN BAYOU, PENSACOLA BAY, FLORIDA	30°31.02'	87°06.66'	B	1/11/93	D	SM	Wilkinson	*C. virginica*	2.0	15	20	00:18	10:30	Pensacola	0.36
		30°31.02'	87°06.66'	B	1/11/93	D	SM	Wilkinson	*C. virginica*	2.0	15	20	00:18	10:30	Pensacola	0.36
		30°31.02'	87°06.66'	B	1/11/93	D	SM	Wilkinson	*C. virginica*	2.0	15	20	00:18	10:30	Pensacola	0.36
PBSP	PENSACOLA BAY SABINE POINT	30°20.67'	87°09.03'	B	1/11/93	H	E	Wilkinson	*C. virginica*	0.5	15	25	00:18	10:30	Pensacola	0.36
		30°20.60'	87°09.08'	B	1/11/93	H	E	Wilkinson	*C. virginica*	0.5	16	25	00:18	10:30	Pensacola	0.36
		30°20.80'	87°09.17'	B	1/11/93	H	PIER	Wilkinson	*C. virginica*	0.5	16	25	00:18	10:30	Pensacola	0.36
CBJB	CHOCTAWATCHEE BAY JOES BAYOU	30°24.63'	86°29.46'	B	1/12/93	H	SBRMN	Wilson	*C. virginica*	0.1 - 0.5	17	12	00:53	10:12	Pensacola	0.21
		30°24.63'	86°29.46'	B	1/12/93	H	SBRMN	Wilson	*C. virginica*	0.1 - 0.5	17	12	00:53	10:12	Pensacola	0.21
		30°24.63'	86°29.46'	B	1/12/93	H	SBRMN	Wilson	*C. virginica*	0.1 - 0.5	17	12	00:53	10:12	Pensacola	0.21
CBSR	OFF SANTA ROSA CHOCTAWHATCHEE BAY	30°24.73'	86°12.38'	B	1/11/93	D	SM	Wilkinson	*C. virginica*	3.0	16	10	00:18	10:30	Pensacola	0.36
		30°24.70'	86°12.26'	B	1/11/93	D	SM	Wilkinson	*C. virginica*	3.0	17	10	00:18	10:30	Pensacola	0.36
		30°24.73'	86°12.19'	B	1/11/93	D	SMR	Wilkinson	*C. virginica*	3.0	17	10	00:18	10:30	Pensacola	0.36
CBPP	SHIRK POINT CHOCTAWHATCHEE BAY	30°28.74'	86°28.75'	B	1/11/93	H	B	Wilson	*C. virginica*	0 - 0.3	17	10	00:18	10:30	Pensacola	0.36
		30°28.74'	86°28.75'	B	1/11/93	H	B	Wilson	*C. virginica*	0 - 0.3	17	10	00:18	10:30	Pensacola	0.36
		30°28.74'	86°28.75'	B	1/11/93	H	B	Wilson	*C. virginica*	0 - 0.3	17	10	00:18	10:30	Pensacola	0.36
PCLO	PANAMA CITY LITTLE OYSTER	30°15.65'	85°41.17'	B	1/12/93	H	PIER	Wilkinson	*C. virginica*	0.2	19	18	00:53	10:12	Pensacola	0.21
		30°15.06'	85°40.87'	B	1/12/93	HR	PIER	Wilkinson	*C. virginica*	0.3	19	20	00:53	10:12	Pensacola	0.21
		30°15.21'	85°40.93'	B	1/12/93	H	PIER	Wilkinson	*C. virginica*			20	00:53	10:12	Pensacola	0.21
PCMP	PANAMA CITY MUNICIPAL PIER	30°09.02'	85°39.85'	B	1/12/93	HR	E	Wilkinson	*C. virginica*	0.2	18	20	00:53	10:12	Pensacola	0.21
		30°09.05'	85°39.80'	B	1/12/93	HR	E	Wilkinson	*C. virginica*	0.2	20	20	00:53	10:12	Pensacola	0.21
		30°09.03'	85°39.79'	B	1/12/93	HR	E	Wilkinson	*C. virginica*	0.2	20	20	00:53	10:12	Pensacola	0.21
SAWB	WATSON BAYOU ST. ANDREW BAY	30°08.53'	85°37.90'	B	1/12/93	H	NB	Wilkinson	*C. virginica*	0.2	18	20	00:53	10:12	Pensacola	0.21
		30°08.53'	85°37.90'	B	1/12/93	H	NB	Wilkinson	*C. virginica*	0.2	18	20	00:53	10:12	Pensacola	0.21
		30°08.53'	85°37.90'	B	1/12/93	H	NB	Wilkinson	*C. virginica*	0.2	18	20	00:53	10:12	Pensacola	0.21
APDB	DRY BAR APALACHICOLA BAY	29°40.44'	85°04.51'	B	1/13/93	H	SNK	Wilson	*C. virginica*	0.1 - 0.5	20	5	16:51	08:53	Pensacola	0.12
		29°40.44'	85°04.51'	B	1/13/93	H	SNK	Wilson	*C. virginica*	0.1 - 0.5	20	5	16:51	08:53	Pensacola	0.12
		29°40.44'	85°04.51'	B	1/13/93	H	SNK	Wilson	*C. virginica*	0.1 - 0.5	20	5	16:51	08:53	Pensacola	0.12
APCP	CAT PT. BAR APALACHICOLA BAY	29°43.46'	84°53.22'	B	1/13/93	H	SNK	Wilson	*C. virginica*	0.1 - 0.4	19	20	16:51	08:53	Pensacola	0.12
		29°43.46'	84°53.22'	B	1/13/93	H	SNK	Wilson	*C. virginica*	0.1 - 0.4	19	20	16:51	08:53	Pensacola	0.12
		29°43.46'	84°53.22'	B	1/13/93	H	SNK	Wilson	*C. virginica*	0.1 - 0.4	19	20	16:51	08:53	Pensacola	0.12
AESP	APPALACHEE BAY SPRING CREEK	30°03.93'	84°19.28'	B	1/13/93	H	SR	Wilkinson	*C. virginica*	0.2	20	5	16:51	08:53	Pensacola	0.12
		30°03.89'	84°19.28'	B	1/13/93	H	SR	Wilkinson	*C. virginica*	0.2	20	5	16:51	08:53	Pensacola	0.12
		30°03.84'	84°19.27'	B	1/13/93	H	SR	Wilkinson	*C. virginica*	0.2	20	5	16:51	08:53	Pensacola	0.12
CKBP	BLACK POINT CEDAR KEY	29°12.42'	83°04.14'	B	1/13/93	H	MSR	Wilkinson	*C. virginica*	0.2	22	27	16:51	08:53	Pensacola	0.12
		29°12.42'	83°04.14'	B	1/13/93	H	MSR	Wilkinson	*C. virginica*	0.2	22	27	16:51	08:53	Pensacola	0.12
		29°12.42'	83°04.14'	B	1/13/93	H	MSR	Wilkinson	*C. virginica*	0.2	22	27	16:51	08:53	Pensacola	0.12
TBNP	TAMPA BAY NAVAREZ PARK	27°47.28	82°45.28	B	1/14/93	H	B	Wilkinson	*C. virginica*	0.2	22	34	18:41	00:47	St. Petrsbg	0.49
		27°47.28	82°45.28	B	1/14/93	H	B	Wilkinson	*C. virginica*	0.2	22	34	18:41	00:47	St. Petrsbg	0.49
		27°47.28	82°45.28	B	1/14/93	H	B	Wilkinson	*C. virginica*	0.2	22	34	18:41	00:47	St. Petrsbg	0.49
TBMK	MULLET KEY BAYOU TAMPA BAY	27°37.25'	82°43.65'	B	1/14/93	H	S	Wilson	*C. virginica*	0.5	22	33	18:41	00:47	St. Petrsbg	0.49
		27°37.25'	82°43.65'	B	1/14/93	H	S	Wilson	*C. virginica*	0.5	22	33	18:41	00:47	St. Petrsbg	0.49

BOTTOM: S=SHELL,M=MUD,E=CONCRETE,N=SAND,G=GRASS,H=HASH,C=CLAY,R=REEF,B=RUBBLE,K=KELP,A=ALGAE,T=ROOTS,P=PEAT COLLECTION METHOD: H=HAND,T=TONGS,D=DREDGE,R=RAKE SAMPLE TYPE: B=BIVALVE,S=SEDIMENT

Mussel Watch Project Year 8 - Site Data

Site	Name	Deg Min Latitude	Deg Min Longitude	Type	M/D/Y Date	Collection Method	Bottom Type	Scientist	Species	(m) Depth	°C Temp	0/00 Salinity	Local Time High Water	Local Time Low Water	Tidal Reference	Tidal Horizon (m)
		27°37.25'	82°43.65'	B	1/14/93	H	S	Wilson	*C. virginica*	0.5	22	33	18:41	00:47	St. Petrsbg	0.49
TBPB	PAPYS BAYOU TAMPA BAY	27°50.46'	82°36.74'	B	1/15/93	H	SR	Wilkinson	*C. virginica*	0.2	21	15	19:24	02:13	St. Petrsbg	0.61
		27°50.46'	82°36.74'	B	1/15/93	H	SR	Wilkinson	*C. virginica*	0.2	21	15	19:24	02:13	St. Petrsbg	0.61
		27°50.46'	82°36.74'	B	1/15/93	H	SR	Wilkinson	*C. virginica*	0.2	21	15	19:24	02:13	St. Petrsbg	0.61
TBOT	TAMPA BAY OLD TAMPA BAY	28°01.48'	82°37.95'	B	1/14/93	H	NSR	Wilkinson	*C. virginica*	0.2	22	14	18:41	00:47	St. Petrsbg	0.49
		28°01.48'	82°37.95'	B	1/14/93	H	SR	Wilkinson	*C. virginica*	0.2	22	15	18:41	00:47	St. Petrsbg	0.49
		28°01.48'	82°37.95'	B	1/14/93	H	SR	Wilkinson	*C. virginica*	0.2	22	15	18:41	00:47	St. Petrsbg	0.49
TBKA	TAMPA BAY PETER O. KNIGHT AIRPORT	27°54.52'	82°27.27'	B	1/14/93	H	NBH	Wilson	*C. virginica*	0 - 0.4	22	27	18:41	00:47	St. Petrsbg	0.49
		27°54.52'	82°27.27'	B	1/14/93	H	NBH	Wilson	*C. virginica*	0 - 0.4	22	27	18:41	00:47	St. Petrsbg	0.49
		27°54.52'	82°27.27'	B	1/14/93	H	NBH	Wilson	*C. virginica*	0 - 0.4	22	27	18:41	00:47	St. Petrsbg	0.49
TBHB	TAMPA BAY HILLSBOROUGH	27°51.31'	82°23.70'	B	1/15/93	H		Wilson	*C. virginica*	0 - 0.3	20	15	19:24	02:13	St. Petrsbg	0.61
		27°51.31'	82°23.70'	B	1/15/93	H		Wilson	*C. virginica*	0 - 0.3	20	15	19:24	02:13	St. Petrsbg	0.61
		27°51.31'	82°23.70'	B	1/15/93	H		Wilson	*C. virginica*	0 - 0.3	20	15	19:24	02:13	St. Petrsbg	0.61
TBCB	COCKROACH BAY TAMPA BAY	27°40.52'	82°30.62'	B	1/15/93	H	SN	Wilson	*C. virginica*	0 - 0.4	22	14	19:24	02:13	St. Petrsbg	0.61
		27°40.52'	82°30.62'	B	1/15/93	H	SN	Wilson	*C. virginica*	0 - 0.4	22	14	19:24	02:13	St. Petrsbg	0.61
		27°40.52'	82°30.62'	B	1/15/93	H	SN	Wilson	*C. virginica*	0 - 0.4	22	14	19:24	02:13	St. Petrsbg	0.61
CBBI	BIRD ISLAND CHARLOTTE HARBOR	26°30.74'	82°02.19'	B	1/18/93	H	SR	Wilkinson	*C. virginica*	0.2	20	24	22:13	05:57	St. Petrsbg	0.79
		26°30.74'	82°02.19'	B	1/18/93	H	SR	Wilkinson	*C. virginica*	0.2	20.5	24	22:13	05:57	St. Petrsbg	0.79
		26°30.74'	82°02.19'	B	1/18/93	H	SR	Wilkinson	*C. virginica*	0.2	20.5	24	22:13	05:57	St. Petrsbg	0.79
CBFM	FORT MEYERS CHARLOTTE HARBOR	26°33.19'	81°55.75'	B	1/18/93	H	BN	Wilkinson	*C. virginica*	0.1	20	14	22:13	05:57	St. Petrsbg	0.79
		26°33.19'	81°55.75'	B	1/18/93	H	B	Wilkinson	*C. virginica*	0.2	20	14	22:13	05:57	St. Petrsbg	0.79
		26°33.19'	81°55.75'	B	1/18/93	H	B	Wilkinson	*C. virginica*	0.2	20	14	22:13	05:57	St. Petrsbg	0.79
NBNB	NAPLES BAY NAPLES BAY	26°06.73'	81°47.13'	B	1/18/93	H	CHMK	Wilson	*C. virginica*	0 - 0.4	23	30	22:13	05:57	St. Petrsbg	0.79
		26°06.73'	81°47.13'	B	1/18/93	H	SRNM	Wilson	*C. virginica*	0 - 0.4	23	30	22:13	05:57	St. Petrsbg	0.79
		26°06.73'	81°47.13'	B	1/18/93	H	SRNM	Wilson	*C. virginica*	0 - 0.4	23	30	22:13	05:57	St. Petrsbg	0.79
RBHC	HENDERSON CREEK ROOKERY BAY	26°01.53'	81°44.23'	B	1/18/93	H	SN	Wilson	*C. virginica*	0 - 0.4	21	35	22:13	05:57	St. Petrsbg	0.79
		26°01.53'	81°44.23'	B	1/18/93	H	SN	Wilson	*C. virginica*	0 - 0.4	21	35	22:13	05:57	St. Petrsbg	0.79
		26°01.53'	81°44.23'	B	1/18/93	H	SN	Wilson	*C. virginica*	0 - 0.4	21	35	22:13	05:57	St. Petrsbg	0.79
EVFU	FAKA UNION BAY EVERGLADES	25°54.12'	81°30.87'	B	1/18/93	H	S	Wilson	*C. virginica*	0 - 0.3	22	13	22:13	05:57	St. Petrsbg	0.79
		25°54.12'	81°30.87'	B	1/18/93	H	S	Wilson	*C. virginica*	0 - 0.3	22	13	22:13	05:57	St. Petrsbg	0.79
		25°54.12'	81°30.87'	B	1/18/93	H	S	Wilson	*C. virginica*	0 - 0.3	22	13	22:13	05:57	St. Petrsbg	0.79
PRBB	BAHIA DE BOQUERON PUERTO RICO	18°00.44'	67°10.72'	B	2/19/93	H	M	Wilson	*C. virginica*	0 - 0.3	29	36	08:18	01:14	San Juan	0.49
		18°00.44'	67°10.72'	B	2/19/93	H	M	Wilson	*C. virginica*	0 - 0.3	28	36	08:18	01:14	San Juan	0.49
		18°00.44'	67°10.72'	B	2/19/93	H	M	Wilson	*C. virginica*	0 - 0.3	29	36	08:18	01:14	San Juan	0.49
PRBM	BAHIA MONTALVA PUERTO RICO	17°58.23'	66°59.43'	B	2/20/93	H	TB	Wilson	*C. virginica*	0 - 0.3	28	37	08:51	01:59	San Juan	0.43
		17°58.23'	66°59.43'	B	2/20/93	H	TB	Wilson	*C. virginica*	0 - 0.3	28	37	08:51	01:59	San Juan	0.43
		17°58.23'	66°59.43'	B	2/20/93	H	TB	Wilson	*C. virginica*	0 - 0.3	28	37	08:51	01:59	San Juan	0.43
PRBJ	BAHIA DE JOBOS PUERTO RICO	17°56.33'	66°10.95'	B	2/22/93	H	TN	Wilson	*C. virginica*	0 - 0.3	27	38	09:49	03:19	San Juan	0.37
		17°56.33'	66°10.95'	B	2/22/93	H	TN	Wilson	*C. virginica*	0 - 0.3	26	38	09:49	03:19	San Juan	0.37
		17°56.33'	66°10.95'	B	2/22/93	H	TN	Wilson	*C. virginica*	0 - 0.3	27	38	09:49	03:19	San Juan	0.37

BOTTOM: S=SHELL,M=MUD,E=CONCRETE,N=SAND,G=GRASS,H=HASH,C=CLAY,R=REEF,B=RUBBLE,K=KELP,A=ALGAE,T=ROOTS,P=PEAT COLLECTION METHOD: H=HAND,T=TONGS,D=DREDGE,R=RAKE SAMPLE TYPE: B=BIVALVE,S=SEDIMENT

Hydrocarbon Results

Aromatics Data

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	LMSB		CCNB		ABLR		MBAR		SAPP	
ID:	L. Laguna Madre		Corpus Christi		Aransas Bay		Mesquite Bay		San Antonio Bay	
SITE	South Bay		Ingleside Cove		Long Reef		Ayres Reef		Mosquito Point	
LABSAMNO:	K7030		K7024		K7034		K7032		K7042	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/18/96		12/17/96		12/18/96		12/18/96		12/18/96	
QCBATCH:	M1232		M1232		M1233		M1232		M1233	
EXTRACTION DATE:	9/15/97		9/15/97		11/12/97		9/15/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/21/97		10/21/97		12/24/97		10/21/97		10/25/97	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/31/98		7/31/98		8/24/98		7/31/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15.48		15		15.17		15.51		4.65	
DRYWT:	2		2.66		2.52		3.31		0.96	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	12.90%		17.80%		16.60%		21.40%		20.70%	
Lipid Weight:										
TOTAL LIPID:	3.04		7.56		9.26		9.52		12.66	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries										
PAH's:										
NAPHD8:	64.6		68.6		59.2		61.7		66.3	
ACEND10:	67.1		73.4		59.5		64.4		74.3	
PHEND10:	66.6		81.2		67.9		72.6		64.4	
CHRYD12:	69.1		72.8		71.6		66.6		55	
PERYD12:	65.5		68.1		52.7		70		50.2	
NAPHTHALENE *	5.7		4.5		11.2		4.6		19.5	
C1-NAPHTHALENES	7	J	6.1	J	8.7		6.5		16.9	J
C2-NAPHTHALENES		ND	9.4		5.1	J	6.4			ND
C3-NAPHTHALENES		ND	19.3		17.9			ND		ND
C4-NAPHTHALENES		ND	16.6		14.5			ND		ND
BIPHENYL *	1.9	J	2.8	J	6.4		2.6	J	7.8	J
ACENAPHTHYLENE	0.5	J	1.3	J	0.3	J	0.8	J	4.1	J
ACENAPHTHENE *	2.9	J	3.2	J	1.4	J	0.2	J	2.7	J
FLUORENE *	2.6	J	5.8		4.1	J	1.8	J	3.9	J
C1-FLUORENES		ND	5.9	J	8.4	J		ND		ND

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	LMSB		CCNB		ABLR		MBAR		SAPP	
ID:	L. Laguna Madre		Corpus Christi		Aransas Bay		Mesquite Bay		San Antonio Bay	
SITE	South Bay		Ingleside Cove		Long Reef		Ayres Reef		Mosquito Point	
LABSAMNO:	K7030		K7024		K7034		K7032		K7042	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND	28.5		34.4			ND		ND
C3-FLUORENES		ND	80.6		56.1			ND		ND
PHENANTHRENE *	7.3		30.4		13.5		3.8		15.1	
ANTHRACENE *	1.1	J	7.3		2.7	J	1.9	J	2.1	J
C1-PHEN_ANTHR	12		27		18.2			ND		ND
C2-PHEN_ANTHR	16.3		35.4		24.7			ND		ND
C3-PHEN_ANTHR		ND		ND		ND		ND		ND
C4-PHEN_ANTHR		ND		ND		ND		ND		ND
DIBENZOTHIO	1.2	J	2.4		1.2	J	0.5	J	1.4	J
C1-DIBEN	2.8	J	4		3.9			ND		ND
C2-DIBEN	5.6		9.1		9.9			ND		ND
C3-DIBEN	6.7		7		7.2			ND		ND
FLUORANTHENE *	16		42.5		3.4		0.7	J	2	J
PYRENE *	7.9		26.3		2.3		0.6	J	1.5	J
C1-FLUORAN_PYR	8.3		27.1		10.2			ND		ND
BENaANTHRACENE *	1.1	J	11.4		0.8	J	0.2	J	1.1	J
CHRYSENE *	4		18.7		1.6	J	1.3	J	1.8	J
C1-CHRYSENES		ND	5	J	9.9			ND		ND
C2-CHRYSENES		ND	11.6		3.4	J		ND		ND
C3-CHRYSENES		ND		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND		ND
BENbFLUORAN	0.7	J	4.2		0.3	J	0.4	J	1	J
BENkFLUORAN	1	J	5.4		0.3	J	0.5	J	1	J
BENePYRENE *	0.8	J	3.9		0.6	J	0.9		1.3	J
BENaPYRENE *	0.7	J	2	J	0.6	J	0.8	J	0.6	J
PERYLENE *	1.2	J	2	J	2.1	J	1.7	J	4.8	J
I123cdPYRENE	0.3	J	1.5		0.5	J	0.3	J	0.4	J
DBahANTHRA *	0.8	J	0.5	J	1.1	J	0.2	J	0.2	J
BghiPERYLENE	0.5	J	1.6		0.6	J	0.4	J	0.4	J
TOTAL PAH's (w/o PERYLENE)	115.7		468.3		285.3		35.3		84.6	
S&T Total PAHs (*)	66.3		184.8		71		31.4		96.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	LMSB		CCNB		ABLR		MBAR		SAPP	
ID:	L. Laguna Madre		Corpus Christi		Aransas Bay		Mesquite Bay		San Antonio Bay	
SITE	South Bay		Ingleside Cove		Long Reef		Ayres Reef		Mosquito Point	
LABSAMNO:	K7030		K7024		K7034		K7032		K7042	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	4	J	3.6	J	5.1		3.5		9.8	J
1-METHYLNAPH *	3.1	J	2.5	J	3.7		3		7.1	J
2,6-DIMETHNAPH *	1.4	J	3.3		3.7		2.4	J	6.8	J
2,3,5-TRIMETHNAPH *	1.9	J	4.5		3.2	J	0.8	J	6.3	J
1-METHYLPHEN *	2	J	9.6		3.6		0.5	J	2.1	J
Surrogate Recoveries										
NAPHD8:	64.6		68.6		59.2		61.7		66.3	
ACEND10:	67.1		73.4		59.5		64.4		74.3	
PHEND10:	66.6		81.2		67.9		72.6		64.4	
CHRYD12:	69.1		72.8		71.6		66.6		55	
PERYD12:	65.5		68.1		52.7		70		50.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	ESBD		MBGP		MBLR		MBCB	
ID:	Espiritu Santo		Matagorda Bay		Matagorda Bay		Matagorda Bay	
SITE	Bill Day's Reef		Gallinipper Point		Lavaca River Mouth		Carancahua Bay	
LABSAMNO:	K7044		K7036		K7038		K7040	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/19/96		12/19/96		12/18/96		12/19/96	
QCBATCH:	M1233		M1233		M1233		M1233	
EXTRACTION DATE:	9/15/97		9/15/97		9/15/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/25/97		10/25/97		10/25/97		10/25/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/98		8/24/98		8/24/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.14		15.28		15.3		15.06	
DRYWT:	2.07		2.2		2.26		2.19	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	13.60%		14.40%		14.80%		14.50%	
Lipid Weight:								
TOTAL LIPID:	4.99		5.53		5.02		9.78	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	64.6		81.1		66.5		60.8	
ACEND10:	65.4		77.1		72		70.3	
PHEND10:	57.3		67		56.1		57.8	
CHRYD12:	52		53		52.2		48	
PERYD12:	47.1		52.8		45.3		52.4	
NAPHTHALENE *	10.8		5.2		4.5		5.6	
C1-NAPHTHALENES	7.5	J	6	J	8.1		10.1	
C2-NAPHTHALENES		ND		ND		ND	15.6	
C3-NAPHTHALENES		ND	18.9			ND	59.8	
C4-NAPHTHALENES		ND	18			ND	78.6	
BIPHENYL *	3.4	J	2.8	J	3.4	J	2.4	J
ACENAPHTHYLENE	2.3	J	2.3	J	1.1	J	0.9	J
ACENAPHTHENE *	4.6		1.4	J	2.5	J	2.8	J
FLUORENE *	2	J	2.8	J	2.4	J	4.5	J
C1-FLUORENES		ND		ND		ND	9.9	J

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	ESBD		MBGP		MBLR		MBCB	
ID:	Espiritu Santo		Matagorda Bay		Matagorda Bay		Matagorda Bay	
SITE	Bill Day's Reef		Gallinipper Point		Lavaca River Mouth		Carancahua Bay	
LABSAMNO:	K7044		K7036		K7038		K7040	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND		ND		ND	48.6	
C3-FLUORENES		ND		ND		ND	92.5	
PHENANTHRENE *	8.5		10.3		11.4		18.6	
ANTHRACENE *	1.2	J	3.3	J	3.8		3.5	J
C1-PHEN_ANTHR	19		28.9		17.7		27.8	
C2-PHEN_ANTHR	23.4		40.1		24.4		40.3	
C3-PHEN_ANTHR		ND		ND		ND		ND
C4-PHEN_ANTHR		ND		ND		ND		ND
DIBENZOTHIO	1.7	J	1.2	J	1	J	1.7	
C1-DIBEN	4.4		4.6		4.5		5.8	
C2-DIBEN	10.9		13		9.2		16.4	
C3-DIBEN	5.5		12.9		3.9		9.6	
FLUORANTHENE *	8.4		16.5		23.5		29.5	
PYRENE *	5.3		12.6		16.7		19.7	
C1-FLUORAN_PYR		ND	20.9		16.9		17.1	
BENaANTHRACENE *	1.4	J	4.7		8.6		5.6	
CHRYSENE *	2.6	J	9		11.4		11	
C1-CHRYSENES		ND		ND		ND		ND
C2-CHRYSENES		ND		ND		ND		ND
C3-CHRYSENES		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND
BENbFLUORAN	1	J	5.4		7.5		3	J
BENkFLUORAN	0.9	J	5.1		7		2.8	J
BENePYRENE *	1.1	J	5.8		7.7		4.6	
BENaPYRENE *	0.4	J	1.7	J	3.3		1.2	J
PERYLENE *	2.2	J	24.4		3.8		3.1	
I123cdPYRENE	0.4	J	1.9		3.1		0.7	J
DBahANTHRA *	0.3	J	0.7	J	0.8	J	0.3	J
BghiPERYLENE	0.7	J	1.9		3.2		1.1	J
TOTAL PAH's (w/o PERYLENE)	127.5		257.8		207.3		551.4	
S&T Total PAHs (*)	68.7		117		118		142.5	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	ESBD		MBGP		MBLR		MBCB	
ID:	Espiritu Santo		Matagorda Bay		Matagorda Bay		Matagorda Bay	
SITE	Bill Day's Reef		Gallinipper Point		Lavaca River Mouth		Carancahua Bay	
LABSAMNO:	K7044		K7036		K7038		K7040	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	4.4	J	4.1	J	4.5	J	6.1	
1-METHYLNAPH *	3.1	J	1.9	J	3.6		4	
2,6-DIMETHNAPH *	3.1	J	4.1		2.3	J	5.8	
2,3,5-TRIMETHNAPH *	3.3	J	2.5	J	2	J	8.4	
1-METHYLPHEN *	2.7	J	3.3	J	1.9	J	5.9	
Surrogate Recoveries								
NAPHD8:	64.6		81.1		66.5		60.8	
ACEND10:	65.4		77.1		72		70.3	
PHEND10:	57.3		67		56.1		57.8	
CHRYD12:	52		53		52.2		48	
PERYD12:	47.1		52.8		45.3		52.4	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MBTP		MBEM		BRCL		BRFS	
ID:	Matagorda Bay		Matagorda Bay		Brazos River		Brazos River	
SITE	Tres Palacios Bay		East Matagorda		Cedar Lakes		Freeport Surfside	
LABSAMNO:	K7026		K7028		K7002		K7000	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/17/96		12/17/96		12/10/96		12/10/96	
QCBATCH:	M1232		M1232		M1232		M1232	
EXTRACTION DATE:	9/15/97		9/15/97		9/15/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/21/97		10/21/97		10/20/97		10/20/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/31/98		7/31/98		7/30/98		7/30/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.36		15.24		15.13		15.28	
DRYWT:	2.57		2.73		1.79		2.69	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	16.70%		17.90%		11.80%		17.60%	
Lipid Weight:								
TOTAL LIPID:	8.2		7.34		3.85		6.69	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	68.9		58.9		53.7		56.9	
ACEND10:	73.4		67.3		62.8		62.7	
PHEND10:	72.7		69.5		68.8		68	
CHRYD12:	75.1		62.2		66.8		70.2	
PERYD12:	60.6		62.4		58.4		56.8	
NAPHTHALENE *	4.6		7.7		7.4		6.5	
C1-NAPHTHALENES	4.5	J	7.9		10.6		8.6	
C2-NAPHTHALENES		ND	8.6		20.3		24.9	
C3-NAPHTHALENES		ND	34.7		63.4		57.3	
C4-NAPHTHALENES		ND	67.8		83.2		71.7	
BIPHENYL *	2.6	J	2.9	J	4.5	J	3.7	J
ACENAPHTHYLENE	0.6	J	0.7	J	10.8		26.1	
ACENAPHTHENE *	0.9	J	2	J	2.6	J	10	
FLUORENE *	1.5	J	2.8	J	4	J	12.1	
C1-FLUORENES		ND	9.9		15.9		20	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MBTP		MBEM		BRCL		BRFS	
ID:	Matagorda Bay		Matagorda Bay		Brazos River		Brazos River	
SITE	Tres Palacios Bay		East Matagorda		Cedar Lakes		Freeport Surfside	
LABSAMNO:	K7026		K7028		K7002		K7000	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND	72.9		54.2		85.3	
C3-FLUORENES		ND	172.9		126		158.6	
PHENANTHRENE *	6.7		8.3		22.7		49	
ANTHRACENE *	4.2		4.2		7.2		23	
C1-PHEN_ANTHR	20.6		46.2		62.4		74.2	
C2-PHEN_ANTHR	27.7		124.7		137.3		123.9	
C3-PHEN_ANTHR		ND	126.7		146.8		171.6	
C4-PHEN_ANTHR		ND	42.2		63.9		127.4	
DIBENZOTHIO	0.8	J	1.4		2.7		4.4	
C1-DIBEN	2.9		20.3		11.6		16.5	
C2-DIBEN	9.5		108.7		48.6		50.7	
C3-DIBEN	9		100.2		47.1		50.4	
FLUORANTHENE *	4.2		45.8		36.9		189.6	
PYRENE *	3.5		34.2		38.6		141.7	
C1-FLUORAN_PYR		ND	21.3		36.3		104.1	
BENaANTHRACENE *	0.9	J	5		9		49.4	
CHRYSENE *	3		7.4		20.6		75.6	
C1-CHRYSENES		ND	4.1	J	12.1		16.6	
C2-CHRYSENES		ND	12.5		10.9		8.9	
C3-CHRYSENES		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND
BENbFLUORAN	0.7	J	1.4	J	4.2		14.2	
BENkFLUORAN	1	J	1.8	J	5.5		18.5	
BENePYRENE *	1.4		1.8		4.9		15.1	
BENaPYRENE *	1	J	1.2	J	1.5	J	2.9	
PERYLENE *	4.1		2.6		4.9		6.5	
I123cdPYRENE	0.3	J	0.2	J	0.9	J	1.6	
DBahANTHRA *	0.4	J	0.1	J	0.4	J	1.1	J
BghiPERYLENE	0.5	J	0.9	J	1.7		2.5	
TOTAL PAH's (w/o PERYLENE)	112.9		1111.3		1136.6		1817.2	
S&T Total PAHs (*)	51.2		150.2		204.4		627.7	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MBTP		MBEM		BRCL		BRFS	
ID:	Matagorda Bay		Matagorda Bay		Brazos River		Brazos River	
SITE	Tres Palacios Bay		East Matagorda		Cedar Lakes		Freeport Surfside	
LABSAMNO:	K7026		K7028		K7002		K7000	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	2.5	J	5		5.7	J	4	
1-METHYLNAPH *	2	J	3		4.9		4.6	
2,6-DIMETHNAPH *	2.3	J	2.8	J	4.7	J	7.3	
2,3,5-TRIMETHNAPH *	1	J	4.3		10.7		11.5	
1-METHYLPHEN *	4.5		9.3		13.2		14.3	
Surrogate Recoveries								
NAPHD8:	68.9		58.9		53.7		56.9	
ACEND10:	73.4		67.3		62.8		62.7	
PHEND10:	72.7		69.5		68.8		68	
CHRYD12:	75.1		62.2		66.8		70.2	
PERYD12:	60.6		62.4		58.4		56.8	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	GBCR		GBOB		GBTD		GBYC		GBSC	
ID:	Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay	
SITE	Confederate Reef		Offats Bayo		Todd's Dump		Yacht Club		Ship Channel	
LABSAMNO:	K7006		K7010		K7012		K7004		K7008	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/11/96		12/11/96		12/12/96		12/11/96		12/11/96	
QCBATCH:	M1232		M1232		M1232		M1232		M1232	
EXTRACTION DATE:	9/15/97		9/15/97		9/15/97		9/15/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/20/97		10/20/97		10/21/97		10/20/97		10/20/97	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/30/98		7/31/98		7/31/98		7/30/98		7/31/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15.02		15.1		15.46		15.69		15	
DRYWT:	1.97		2.77		2.59		2.85		3.13	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	13.10%		18.40%		16.70%		18.10%		20.80%	
Lipid Weight:										
TOTAL LIPID:	5.39		8.38		8.82		8.38		11.56	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries										
PAH's:										
NAPHD8:	57.5		57.1		54.6		52.6		51.7	
ACEND10:	62.4		65.4		69.9		58.2		41.1	
PHEND10:	68.5		70.8		70.6		69.6		49.7	
CHRYD12:	68.3		73.3		65.1		70.3		51.2	
PERYD12:	49		62.5		59.1		54.9		49.3	
NAPHTHALENE *	4.4		6.2		8.6		6.4		7.8	
C1-NAPHTHALENES	6	J	9.2		17.4		6.6		11.3	
C2-NAPHTHALENES	11.1		9.4		51		11.8		32.4	
C3-NAPHTHALENES	31.7		24.1		143.8		47.5		150.1	
C4-NAPHTHALENES	35.6		29.7		153.3		94.8		337.6	
BIPHENYL *	3.1	J	3	J	3.8	J	3.1	J	3.7	J
ACENAPHTHYLENE	6.3		3.4	J	3.7	J	3.7		7.6	
ACENAPHTHENE *	10.8		7.8		3.1	J	2.8	J	5.7	
FLUORENE *	5.6	J	7.3		6.2		3.7	J	8.9	
C1-FLUORENES	11.7	J	8.5		22.1		25		102.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	GBCR		GBOB		GBTD		GBYC		GBSC	
ID:	Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay	
SITE	Confederate Reef		Offats Bayo		Todd's Dump		Yacht Club		Ship Channel	
LABSAMNO:	K7006		K7010		K7012		K7004		K7008	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	47.4		68.1		104.3		101.5		344.9	
C3-FLUORENES	103.4		132.7		159.8		202.3		644.9	
PHENANTHRENE *	22.7		37.4		22.6		12		35.7	
ANTHRACENE *	15.6		15		9.6		10.6		23.3	
C1-PHEN_ANTHR	38.7		43.6		94.6		42.7		156.8	
C2-PHEN_ANTHR	78.9		86.1		156.2		127.3		487.8	
C3-PHEN_ANTHR	114.7		162.2		139.9		224		1000.3	
C4-PHEN_ANTHR	42.6		142		86.5		173		1063.7	
DIBENZOTHIO	2.5		2.9		3.4		2.5		9.4	
C1-DIBEN	8		8.3		19.6		12.6		56.3	
C2-DIBEN	30.5		38.1		56.7		46.1		176.4	
C3-DIBEN	24.8		59.3		47.3		60.8		366.2	
FLUORANTHENE *	244.2		164.8		29.6		43.7		186.1	
PYRENE *	123		105.8		25.3		61.3		448.8	
C1-FLUORAN_PYR	67.6		84.4		25.6		62.4		931	
BENaANTHRACENE *	24.4		37.6		4.8		13.3		54.3	
CHRYSENE *	37.8		81.4		10.9		31.2		238.5	
C1-CHRYSENES	10.9		32.2		6.6		24.8		437.6	
C2-CHRYSENES	10.9		23		10.4		29.8		477.7	
C3-CHRYSENES		ND	3.3	J		ND		ND	87.7	
C4-CHRYSENES		ND	4.5	J		ND		ND	13.2	
BENbFLUORAN	7.1		26.4		3		5		54.7	
BENkFLUORAN	9.3		34.5		3.8		6.5		71.5	
BENePYRENE *	7.3		30.2		4.1		10.8		138.4	
BENaPYRENE *	2.4	J	7.4		1	J	1.6	J	26.3	
PERYLENE *	2.9		3.7		2.3		2.8		47	
I123cdPYRENE	1.6		7.2		0.6	J	0.9		7.3	
DBahANTHRA *	0.5	J	2.2		0.6	J	0.9	J	9.4	
BghiPERYLENE	2.9		9.6		1.6		2.1		20.4	
TOTAL PAH's (w/o PERYLENE)	1205.8		1558.6		1441.2		1514.8		8235.9	
S&T Total PAHs (*)	528.6		534.4		214		234.5		1344.3	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	GBCR		GBOB		GBTD		GBYC		GBSC	
ID:	Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay	
SITE	Confederate Reef		Offats Bayo		Todd's Dump		Yacht Club		Ship Channel	
LABSAMNO:	K7006		K7010		K7012		K7004		K7008	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	3.2	J	5.4		11.1		3.7		7.3	
1-METHYLNAPH *	2.8	J	3.8		6.3		2.9		4	
2,6-DIMETHNAPH *	3.2	J	4.8		22.5		4.7		16.4	
2,3,5-TRIMETHNAPH *	5.5		3.4	J	26.2		10.1		47.2	
1-METHYLPHEN *	9.3		7.4		15.6		9.2		35.5	
Surrogate Recoveries										
NAPHD8:	57.5		57.1		54.6		52.6		51.7	
ACEND10:	62.4		65.4		69.9		58.2		41.1	
PHEND10:	68.5		70.8		70.6		69.6		49.7	
CHRYD12:	68.3		73.3		65.1		70.3		51.2	
PERYD12:	49		62.5		59.1		54.9		49.3	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	GBHR		SLBB		CLSJ		CLLC	
ID:	Galveston Bay		Sabine Lake		Calcasieu Lake		Calcasieu Lake	
SITE	Hanna Reef		Blue Buck Point		St. Johns Island		Lake Charles	
LABSAMNO:	K7014		K7016		K7020		K7018	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/12/96		12/12/96		12/13/96		12/12/96	
QCBATCH:	M1232		M1232		M1232		M1232	
EXTRACTION DATE:	9/15/97		9/15/97		9/15/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/21/97		10/21/97		10/21/97		10/21/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/31/98		7/31/98		7/31/98		7/31/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.39		15.27		15.06		15.09	
DRYWT:	2.4		2.68		1.93		3.07	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.60%		17.60%		12.80%		20.40%	
Lipid Weight:								
TOTAL LIPID:	6.64		8.03		5.65		10.56	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	54.9		52.8		58.9		37.9	
ACEND10:	63.1		60.6		65.1		41.8	
PHEND10:	70.1		64.4		69.2		44.3	
CHRYD12:	65.2		65.5		70		49.9	
PERYD12:	63.1		62.1		54.5		41.8	
NAPHTHALENE *	8.6		8.3		9.2		8.7	
C1-NAPHTHALENES	7.5		10.4		9.2		27.6	
C2-NAPHTHALENES	11.7		21.8		17.9		105	
C3-NAPHTHALENES	40.9		82.4		45.5		314.9	
C4-NAPHTHALENES	53.2		98.5		47.5		398.7	
BIPHENYL *	2.6	J	3.4	J	3.7	J	19.2	
ACENAPHTHYLENE	1.7	J	6.4		0.7	J	8.9	
ACENAPHTHENE *	3.1	J	2.1	J	1.9	J	15.4	
FLUORENE *	4.4	J	5.4		3.6	J	27.7	
C1-FLUORENES	12.6		15.6		8.7	J	73.9	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	GBHR		SLBB		CLSJ		CLLC	
ID:	Galveston Bay		Sabine Lake		Calcasieu Lake		Calcasieu Lake	
SITE	Hanna Reef		Blue Buck Point		St. Johns Island		Lake Charles	
LABSAMNO:	K7014		K7016		K7020		K7018	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	51.3		96.4		39.6		318.3	
C3-FLUORENES	116.8		174.3		100.6		554.1	
PHENANTHRENE *	14.6		18.8		19.3		121.6	
ANTHRACENE *	7.2		10.2		1.2	J	36.7	
C1-PHEN_ANTHR	38.6		74.1		34.2		294.5	
C2-PHEN_ANTHR	61.9		132.9		52.3		550.8	
C3-PHEN_ANTHR	93.7		206.2			ND	674.8	
C4-PHEN_ANTHR	37.1		173			ND	507.9	
DIBENZOTHIO	1.7		3.3		1.4	J	11.8	
C1-DIBEN	8.2		16.7		7.1		65	
C2-DIBEN	25.8		55.9		20.1		214.4	
C3-DIBEN	19.4		52.7		18.1		262	
FLUORANTHENE *	65.5		31.2		13.1		297	
PYRENE *	46.1		38.6		10.6		362.5	
C1-FLUORAN_PYR	28		47.8		16		305.5	
BENaANTHRACENE *	10.8		8.9		165.6		48.4	
CHRYSENE *	9.4		15.4		423.9		103.1	
C1-CHRYSENES	5.7	J	17.5		342		85.6	
C2-CHRYSENES	13.4		20.6		463.1		64.1	
C3-CHRYSENES		ND		ND		ND	12.6	
C4-CHRYSENES		ND		ND		ND	5	J
BENbFLUORAN	2.3	J	3.2		113.7		13.3	
BENkFLUORAN	3		4.2		148.4		17.4	
BENePYRENE *	2.9		7		155.8		28.1	
BENaPYRENE *	0.7	J	1.1	J	166.7		6.2	
PERYLENE *	3.1		6.7		2.5	J	19.6	
I123cdPYRENE	1		0.8		31.1		1.8	
DBahANTHRA *	0.6	J	0.6	J	30.3		1.8	
BghiPERYLENE	0.8	J	1.5		54.6		3.6	
TOTAL PAH's (w/o PERYLENE)	812.9		1466.7		2576.7		5967.5	
S&T Total PAHs (*)	207.6		205		1038.3		1370.1	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	GBHR		SLBB		CLSJ		CLLC	
ID:	Galveston Bay		Sabine Lake		Calcasieu Lake		Calcasieu Lake	
SITE	Hanna Reef		Blue Buck Point		St. Johns Island		Lake Charles	
LABSAMNO:	K7014		K7016		K7020		K7018	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	4.6		6.1		5.6		16.5	
1-METHYLNAPH *	2.9	J	4.3		3.6	J	11.2	
2,6-DIMETHNAPH *	5.6		8.6		5.7		44.8	
2,3,5-TRIMETHNAPH *	7.8		17.2		9.3		69.9	
1-METHYLPHEN *	7.2		11.5		6.8		131.8	
Surrogate Recoveries								
NAPHD8:	54.9		52.8		58.9		37.9	Q
ACEND10:	63.1		60.6		65.1		41.8	
PHEND10:	70.1		64.4		69.2		44.3	
CHRYD12:	65.2		65.5		70		49.9	
PERYD12:	63.1		62.1		54.5		41.8	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	JHJH		VBSP		ABOB		CLCL	
ID:	Joseph Harbor Bayou		Vermillion Bay		Atchafalaya Bay		Caillou Lake	
SITE	Joseph Harbor Bay		Southwest Pass		Oyster Bayou		Caillou Lake	
LABSAMNO:	K7022		K7046		K7056		K7058	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/13/96		1/7/97		1/8/97		1/8/97	
QCBATCH:	M1232		M1233		M1233		M1233	
EXTRACTION DATE:	9/15/97		11/12/97		9/15/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/21/97		12/24/97		10/26/97		10/26/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/31/98		8/24/98		8/25/98		8/25/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.02		15.08		15.04		15.24	
DRYWT:	2.01		1.78		2.3		2.46	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	13.40%		11.80%		15.30%		16.20%	
Lipid Weight:								
TOTAL LIPID:	7.58		11.01		12.22		10.66	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	55.7		58.4		62.4		67.8	
ACEND10:	62.3		57		69.4		82.5	
PHEND10:	62.2		70.7		60.7		72	
CHRYD12:	60.5		69.1		51.9		59	
PERYD12:	46.7		60.6		45.9		103.8	
NAPHTHALENE *	10.4		15.6		10.5		11	
C1-NAPHTHALENES	11.3		17.2		8.4		7.9	
C2-NAPHTHALENES	16		20			ND		ND
C3-NAPHTHALENES	39.1		23.3			ND		ND
C4-NAPHTHALENES	33.4		37.3			ND		ND
BIPHENYL *	3.7	J	6.3	J	2.6	J	7.2	
ACENAPHTHYLENE	3.1	J	2	J	1.2	J	4.7	
ACENAPHTHENE *	3.5	J	3	J	2.1	J	31.9	
FLUORENE *	7.4		7.2		3.5	J	9.8	
C1-FLUORENES	9.1	J	13.9			ND		ND

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	JHJH		VBSP		ABOB		CLCL	
ID:	Joseph Harbor Bayou		Vermillion Bay		Atchafalaya Bay		Caillou Lake	
SITE	Joseph Harbor Bay		Southwest Pass		Oyster Bayou		Caillou Lake	
LABSAMNO:	K7022		K7046		K7056		K7058	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	34.6		56.4			ND		ND
C3-FLUORENES	83.8		67			ND		ND
PHENANTHRENE *	25		19.8		8.3		4.8	
ANTHRACENE *	5.5		3	J	3.2	J	5.3	
C1-PHEN_ANTHR	24.5		21.3		26.2		19.9	
C2-PHEN_ANTHR	32		44		44.7		46	
C3-PHEN_ANTHR		ND	82.6			ND		ND
C4-PHEN_ANTHR		ND	71			ND		ND
DIBENZOTHIO	1.3	J	1.5	J	0.8	J	0.2	J
C1-DIBEN	3.8		6.4		4.7			ND
C2-DIBEN	11.1		13.9		13.6		10.2	
C3-DIBEN	8.2		14.5		13.5		9.4	
FLUORANTHENE *	23.8		15.5		9.8		0.5	J
PYRENE *	18		20.8		8.4		0.8	J
C1-FLUORAN_PYR	15.6		22.9		16.1			ND
BENaANTHRACENE *	2.3		1.8		2.6		1.5	
CHRYSENE *	3.2	J	8.1		4.2		2.4	J
C1-CHRYSENES		ND	4.7	J		ND		ND
C2-CHRYSENES		ND	9.1			ND		ND
C3-CHRYSENES		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND
BENbFLUORAN	0.7	J	1.1	J	1.2	J	1	J
BENkFLUORAN	0.9	J	1.1	J	1.1	J	0.9	J
BENePYRENE *	1.2	J	2.3		1.7		1.4	
BENaPYRENE *	0.6	J	1.2	J	0.8	J	0.4	J
PERYLENE *	5.5		6.4		10.6		3.8	
I123cdPYRENE	0.4	J	0.7	J	0.8	J	0.4	J
DBahANTHRA *	0.2	J	2.1	J	0.4	J	0.1	J
BghiPERYLENE	0.4	J	1.1	J	0.7	J	0.7	J
TOTAL PAH's (w/o PERYLENE)	433.9		639.6		191.1		178.3	
S&T Total PAHs (*)	140		146.2		88.6		107.9	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	JHJH		VBSP		ABOB		CLCL	
ID:	Joseph Harbor Bayou		Vermillion Bay		Atchafalaya Bay		Caillou Lake	
SITE	Joseph Harbor Bay		Southwest Pass		Oyster Bayou		Caillou Lake	
LABSAMNO:	K7022		K7046		K7056		K7058	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	7		8.9		4.8		4.5	
1-METHYLNAPH *	4.3		8.3		3.7		3.5	
2,6-DIMETHNAPH *	6.4		6.4		4		5.5	
2,3,5-TRIMETHNAPH *	8.3		4.2	J	2.3	J	11.8	
1-METHYLPHEN *	3.8	J	5.3		5.1		1.7	J
Surrogate Recoveries								
NAPHD8:	55.7		58.4		62.4		67.8	
ACEND10:	62.3		57		69.4		82.5	
PHEND10:	62.2		70.7		60.7		72	
CHRYD12:	60.5		69.1		51.9		59	
PERYD12:	46.7		60.6		45.9		103.8	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	TBLB		TBLF		BBSD		BBMB	
ID:	Terrebonne Bay		Terrebonne Bay		Barataria Bay		Barataria Bay	
SITE	Lake Barre		Lake Felicity		Bayou Saint Denis		Middle Bank	
LABSAMNO:	K7052		K7054		K7048		K7050	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/8/97		1/8/97		1/7/97		1/7/97	
QCBATCH:	M1233		M1233		M1233		M1233	
EXTRACTION DATE:	9/15/97		9/15/97		9/15/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/25/97		10/26/97		10/25/97		10/25/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/25/98		8/25/98		8/25/98		8/25/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.1		15.09		15.2		15.47	
DRYWT:	2.2		3.16		2.66		2.71	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	14.50%		20.90%		17.50%		17.50%	
Lipid Weight:								
TOTAL LIPID:	8.14		8.8		11.77		8.65	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	69.7		59.7		64.6		66.6	
ACEND10:	77.2		74.7		59.8		73.6	
PHEND10:	64.9		61.1		59.8		60.9	
CHRYD12:	58.3		60.2		52.6		59.6	
PERYD12:	46.7		48.8		43.5		41.9	
NAPHTHALENE *	11.2		13.9		6.1		12.1	
C1-NAPHTHALENES	9.3		17		5.2	J	32.4	
C2-NAPHTHALENES		ND	23.8			ND	23.6	
C3-NAPHTHALENES		ND	38.4		17.9		38.9	
C4-NAPHTHALENES		ND	27.1		16.9		45.6	
BIPHENYL *	2.5	J	6		3.4	J	0.9	J
ACENAPHTHYLENE	1.6	J	3.2	J	0.6	J	0.7	J
ACENAPHTHENE *	0.6	J	34.9		1.8	J	40.3	
FLUORENE *	1.7	J	37.6		2.6	J	1	J
C1-FLUORENES		ND	19		9.9		25.7	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	TBLB		TBLF		BBSD		BBMB	
ID:	Terrebonne Bay		Terrebonne Bay		Barataria Bay		Barataria Bay	
SITE	Lake Barre		Lake Felicity		Bayou Saint Denis		Middle Bank	
LABSAMNO:	K7052		K7054		K7048		K7050	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND	37.5			ND	53.1	
C3-FLUORENES		ND	64.5			ND	83.5	
PHENANTHRENE *	5		208.6		5.3		157.7	
ANTHRACENE *	2.5	J	61.5		2.2	J	68	
C1-PHEN_ANTHR	17		84.9		22.3		78.6	
C2-PHEN_ANTHR	22.7		69.7		25.1		98.4	
C3-PHEN_ANTHR		ND		ND		ND	100.8	
C4-PHEN_ANTHR		ND		ND		ND	61.2	
DIBENZOTHIO	1	J	9.2		1	J	9.2	
C1-DIBEN		ND	9.4		3.8		12.7	
C2-DIBEN	8.4		13.9		9		40	
C3-DIBEN	9.6		8.6			ND	40.6	
FLUORANTHENE *	5		294.5		2.7		285	
PYRENE *	4.5		170.7		3.3		150.5	
C1-FLUORAN_PYR	10		148.6			ND	165.9	
BENaANTHRACENE *	1.2	J	105.8		0.9	J	78.3	
CHRYSENE *	2.5	J	79.2		1.7	J	91.7	
C1-CHRYSENES		ND	25			ND	18.3	
C2-CHRYSENES		ND	11.3			ND	8.7	
C3-CHRYSENES		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND
BENbFLUORAN	0.8	J	22.1		0.5	J	15.7	
BENkFLUORAN	0.8	J	22.6		0.4	J	14.7	
BENePYRENE *	1.2		15.7		1		16.7	
BENaPYRENE *	0.2	J	6.8		0.1	J	3	
PERYLENE *	8.9		10.1		2.1	J	3.4	
I123cdPYRENE	0.5	J	1.4		0.2	J	0.8	
DBahANTHRA *	0.1	J	0.5	J	0	J	0.4	J
BghiPERYLENE	0.6	J	1.6		0.3	J	1.3	
TOTAL PAH's (w/o PERYLENE)	120.3		1694.3		144.2		1876	
S&T Total PAHs (*)	63.8		1105.9		46.2		968.6	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	TBLB		TBLF		BBSD		BBMB	
ID:	Terrebonne Bay		Terrebonne Bay		Barataria Bay		Barataria Bay	
SITE	Lake Barre		Lake Felicity		Bayou Saint Denis		Middle Bank	
LABSAMNO:	K7052		K7054		K7048		K7050	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	5.1		9.7		2.5	J	21.7	
1-METHYLNAPH *	4.3		7.3		2.7		10.7	
2,6-DIMETHNAPH *	3.4	J	8.4		4.6		2.5	J
2,3,5-TRIMETHNAPH *	1.1	J	5		1.7	J	8.2	
1-METHYLPHEN *	3.1	J	29.9		1.5	J	16.5	
Surrogate Recoveries								
NAPHD8:	69.7		59.7		64.6		66.6	
ACEND10:	77.2		74.7		59.8		73.6	
PHEND10:	64.9		61.1		59.8		60.9	
CHRYD12:	58.3		60.2		52.6		59.6	
PERYD12:	46.7		48.8		43.5		41.9	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MRTP		MRPL		BSSI		BSBG	
ID:	Mississippi River		Mississippi River		Breton Sound		Breton Sound	
SITE	Tiger Pass		Pass a Loutre		Sable Island		Bay Garderne	
LABSAMNO:	K7062		K7060		K7072		K7064	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/9/97		1/9/97		1/10/97		1/9/97	
QCBATCH:	M1233		M1233		M1234		M1233	
EXTRACTION DATE:	9/15/97		9/15/97		9/17/97		9/15/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/26/97		10/26/97		10/29/97		10/26/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/25/98		8/25/98		8/23/98		8/25/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.32		15.02		15.01		15.03	
DRYWT:	2.23		1.69		1.69		2.48	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	14.50%		11.30%		11.30%		16.50%	
Lipid Weight:								
TOTAL LIPID:	11.41		7.01		9.11		8.69	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	60.4		50.6		50.9		69.5	
ACEND10:	73.2		65.1		66.3		83.2	
PHEND10:	86.2		52.5		67.2		70	
CHRYD12:	53.4		54.7		66.5		61.4	
PERYD12:	49.5		49.3		66.2		47.6	
NAPHTHALENE *	16.2		10.4		18.6		10.6	
C1-NAPHTHALENES	31.2		16.3		45.9		12.4	
C2-NAPHTHALENES	54.2		34.6		100.6		30.4	
C3-NAPHTHALENES	126.3		112.1		251.1		194.4	
C4-NAPHTHALENES	151.5		143.3		347.4		390.3	
BIPHENYL *	4.7	J	3.5	J	10.9		1.9	J
ACENAPHTHYLENE	3.2	J	6.6		3.9	J	2.1	J
ACENAPHTHENE *	7		1	J	4.1	J	2.3	J
FLUORENE *	9.5		5.8	J	17.4		5.1	
C1-FLUORENES	42.4		19.1		58.1		38.3	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MRTP		MRPL		BSSI		BSBG	
ID:	Mississippi River		Mississippi River		Breton Sound		Breton Sound	
SITE	Tiger Pass		Pass a Loutre		Sable Island		Bay Garderne	
LABSAMNO:	K7062		K7060		K7072		K7064	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	117.5		78.2		190.8		189.5	
C3-FLUORENES	175.2		190.3		336.3		358.7	
PHENANTHRENE *	15.8		20.5		37.6		26.1	
ANTHRACENE *	6.4		8.2		12.1		13.2	
C1-PHEN_ANTHR	71.7		83.6		176.3		230.7	
C2-PHEN_ANTHR	133.6		236		336.1		599.9	
C3-PHEN_ANTHR	197.5		382.4		538.4		528.5	
C4-PHEN_ANTHR	153.9		373.4		350.3		279.5	
DIBENZOTHIO	5.8		3.6		6		5.3	
C1-DIBEN	17.5		25.7		41.3		43.4	
C2-DIBEN	60.7		109.5		150.5		189	
C3-DIBEN	70.8		168.6		170.3		188.3	
FLUORANTHENE *	16		30.1		39		23.1	
PYRENE *	28.9		59		64.9		27.6	
C1-FLUORAN_PYR	37.3		81.3		90.6		58.1	
BENaANTHRACENE *	11.5		14.4		13.9		7	
CHRYSENE *	19.2		30.1		29.2		15.8	
C1-CHRYSENES	22		37.3		43.9		12.9	
C2-CHRYSENES	23.5		35		35.9		13.6	
C3-CHRYSENES		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND
BENbFLUORAN	6		13.1		7.2		3.4	
BENkFLUORAN	5.6		12.2		7.7		3.2	
BENePYRENE *	11.2		21.4		11.9		4.4	
BENaPYRENE *	1.4	J	6.7		2.8	J	1.1	J
PERYLENE *	30.7		65.4		26.5		3.4	
I123cdPYRENE	1		4		2		0.5	J
DBahANTHRA *	0.4	J	1.6	J	0.8	J	0.3	J
BghiPERYLENE	2		6		3		0.9	J
TOTAL PAH's (w/o PERYLENE)	1658.4		2384.7		3556.4		3511.8	
S&T Total PAHs (*)	273.2		339.8		475.8		260.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MRTP		MRPL		BSSI		BSBG	
ID:	Mississippi River		Mississippi River		Breton Sound		Breton Sound	
SITE	Tiger Pass		Pass a Loutre		Sable Island		Bay Garderne	
LABSAMNO:	K7062		K7060		K7072		K7064	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	19.2		10		27.8		8.7	
1-METHYLNAPH *	11.9		6.2		18.1		3.7	
2,6-DIMETHNAPH *	22.7		9.2		42.8		11.8	
2,3,5-TRIMETHNAPH *	26.6		18.4		49.9		39.7	
1-METHYLPHEN *	13.8		17.8		47.9		54.4	
Surrogate Recoveries								
NAPHD8:	60.4		50.6		50.9		69.5	
ACEND10:	73.2		65.1		66.3		83.2	
PHEND10:	86.2		52.5		67.2		70	
CHRYD12:	53.4		54.7		66.5		61.4	
PERYD12:	49.5		49.3		66.2		47.6	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	LBMP		MSPC		MSBB		MSPB	
ID:	Lake Borgne		Mississippi Sound		Mississippi Sound		Mississippi Sound	
SITE	Malheureux Point		Pass Christian		Biloxi Bay		Pascagoula Bay	
LABSAMNO:	K7066		K7070		K7068		K7078	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/9/97		1/10/97		1/10/97		1/11/97	
QCBATCH:	M1233		M1234		M1234		M1234	
EXTRACTION DATE:	9/15/97		9/17/97		9/17/97		9/17/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	5/12/98		10/29/97		10/29/97		10/29/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/25/98		8/23/98		8/23/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.17		15.22		15.32		15.34	
DRYWT:	2.32		2.94		2.32		1.93	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.30%		19.30%		15.20%		12.60%	
Lipid Weight:								
TOTAL LIPID:	9.48		9.85		13.16		9.62	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	71.6		49.6		50.1		49	
ACEND10:	74.1		78.7		67.6		70.1	
PHEND10:	58.8		75.3		66.3		69.5	
CHRYD12:	73		63.7		60.4		64	
PERYD12:	73.2		65.2		59.9		66.1	
NAPHTHALENE *	6.3		12		13.8		13.9	
C1-NAPHTHALENES	5.5	J	13.1		20.7		15.7	
C2-NAPHTHALENES		ND		ND	109		11	
C3-NAPHTHALENES		ND		ND	233		23.3	
C4-NAPHTHALENES		ND		ND	236.2		55.2	
BIPHENYL *	3.1	J	2.4	J	6.5		4.7	J
ACENAPHTHYLENE	1.3	J	2.8	J	4.6		3.4	J
ACENAPHTHENE *	1.5	J	2.1	J	16.2		5.7	
FLUORENE *	2.5	J	7.6		29.9		10.5	
C1-FLUORENES		ND		ND	64.1		60.8	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	LBMP		MSPC		MSBB		MSPB	
ID:	Lake Borgne		Mississippi Sound		Mississippi Sound		Mississippi Sound	
SITE	Malheureux Point		Pass Christian		Biloxi Bay		Pascagoula Bay	
LABSAMNO:	K7066		K7070		K7068		K7078	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND		ND	194.5		16.5	
C3-FLUORENES		ND		ND	325.6		60.3	
PHENANTHRENE *	7		11.1		79.8		25.5	
ANTHRACENE *	3.5	J	15.5		20.7		12	
C1-PHEN_ANTHR		ND		ND	182.3		128.8	
C2-PHEN_ANTHR		ND		ND	285.6		53.5	
C3-PHEN_ANTHR		ND		ND	348.4		78.4	
C4-PHEN_ANTHR		ND		ND	199.9			ND
DIBENZOTHIO	1.8		1.2	J	14.3		2.8	
C1-DIBEN		ND		ND	84.2		0	ND
C2-DIBEN		ND		ND	264.5		20.2	
C3-DIBEN		ND		ND	225.6		60.4	
FLUORANTHENE *	10.9		17.9		116.4		92.1	
PYRENE *	6.6		10.9		114.6		55.9	
C1-FLUORAN_PYR		ND		ND	100.4		65.4	
BENaANTHRACENE *	1.4		5.9		26.8		19.4	
CHRYSENE *	3.5		8.1		50.3		21	
C1-CHRYSENES		ND		ND	27.3		62.7	
C2-CHRYSENES		ND		ND	22.2		17.2	
C3-CHRYSENES		ND		ND		ND	10.2	
C4-CHRYSENES		ND		ND		ND		ND
BENbFLUORAN	1.2	J	2.4		13.3		6.7	
BENkFLUORAN	1.2	J	2.5		14.2		7.1	
BENePYRENE *	1.3		2.8		16.1		6.6	
BENaPYRENE *	0.9	J	0.6	J	3.5		2	J
PERYLENE *	2.9		1.4	J	4.8		11.8	
I123cdPYRENE	0.7	J	0.6		2.5		1.3	
DBahANTHRA *	0.5	J	0.4	J	1.3	J	0.7	J
BghiPERYLENE	0.9	J	0.5	J	3.9		1.6	
TOTAL PAH's (w/o PERYLENE)	61.5		120.2		3472.1		1032.2	
S&T Total PAHs (*)	63.9		122.1		664.4		327	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	LBMP		MSPC		MSBB		MSPB	
ID:	Lake Borgne		Mississippi Sound		Mississippi Sound		Mississippi Sound	
SITE	Malheureux Point		Pass Christian		Biloxi Bay		Pascagoula Bay	
LABSAMNO:	K7066		K7070		K7068		K7078	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	2.9	J	6.2		13.1		9.4	
1-METHYLNAPH *	2.6	J	7		7.6		6.3	
2,6-DIMETHNAPH *	2.4	J	3.7		39.1		9	
2,3,5-TRIMETHNAPH *	2.3	J	4.2		51.9		9.4	
1-METHYLPHEN *	1.8	J	2.7	J	52		11.2	
Surrogate Recoveries								
NAPHD8:	71.6		49.6		50.1		49	
ACEND10:	74.1		78.7		67.6		70.1	
PHEND10:	58.8		75.3		66.3		69.5	
CHRYD12:	73		63.7		60.4		64	
PERYD12:	73.2		65.2		59.9		66.1	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MBCP		MBHI		PBPH		PBIB		PBSP	
ID:	Mobile Bay Cedar		Mobile Bay Cedar		Pensacola Bay		Pensacola Bay		Pensacola Bay	
SITE	Cedar Point Reef		Hollingers Island		Public Harbor		Indian Bayou		Sabine Point	
LABSAMNO:	K7076		K7074		K7088		K7086		K7090	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/11/97		1/11/97		1/13/97		1/13/97		1/13/97	
QCBATCH:	M1234		M1234		M1234		M1234		M1234	
EXTRACTION DATE:	9/17/97		9/17/97		9/17/97		9/17/97		9/17/97	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/29/97		10/29/97		10/29/97		10/29/97		10/29/97	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/98		8/24/98		8/24/98		8/25/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15.17		15.22		15.16		15.37		15.4	
DRYWT:	2.39		2.37		2.52		1.72		2.43	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.70%		15.60%		16.60%		11.20%		15.80%	
Lipid Weight:										
TOTAL LIPID:	9.93		9.72		10.44		7.12		9.24	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries										
PAH's:										
NAPHD8:	55.9		63.9		57.8		58.4		56.9	
ACEND10:	88.3		75.2		77.1		66.2		77.2	
PHEND10:	72.9		69.5		70.7		63.5		75.8	
CHRYD12:	68.9		67.3		61.4		65		64.9	
PERYD12:	70.4		62.4		66.9		53.1		66.2	
NAPHTHALENE *	8.4		8.4		8		10.7		9.9	
C1-NAPHTHALENES	9		11.5		10.1		11.2		8.9	
C2-NAPHTHALENES	18.4		11.8		16.1			ND	15.8	
C3-NAPHTHALENES	31.7		23.5		32.4			ND	24.7	
C4-NAPHTHALENES	26.1		37.6		36.8			ND	17.2	
BIPHENYL *	4	J	2.9	J	4	J	4.4	J	3.1	J
ACENAPHTHYLENE	2.6	J	3.8	J	3.9	J	2.7	J	2.3	J
ACENAPHTHENE *	0.8	J	3.3	J	5.6		4.8	J	2.9	J
FLUORENE *	5.7		3.1	J	8.5		3.6	J	5.2	
C1-FLUORENES	8.1	J	11.1		10.7			ND	9.9	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MBCP		MBHI		PBPH		PBIB		PBSP	
ID:	Mobile Bay Cedar		Mobile Bay Cedar		Pensacola Bay		Pensacola Bay		Pensacola Bay	
SITE	Cedar Point Reef		Hollingers Island		Public Harbor		Indian Bayou		Sabine Point	
LABSAMNO:	K7076		K7074		K7088		K7086		K7090	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	33.8		57.7		40.4			ND	36.5	
C3-FLUORENES	78.3		153.2		77.5			ND		ND
PHENANTHRENE *	12.9		13.2		26.4		7.8		17.8	
ANTHRACENE *	7.8		10.8		13.9		7.5		6.7	
C1-PHEN_ANTHR	24.5		42.1		45.3		11.1		22	
C2-PHEN_ANTHR	34.9		69.8		69.1		16.7		25	
C3-PHEN_ANTHR		ND		ND		ND		ND		ND
C4-PHEN_ANTHR		ND		ND		ND		ND		ND
DIBENZOTHIO	1.5	J	1.6		2		1.1	J	1.1	J
C1-DIBEN	6.6		12.2		10.7		4.7		5.2	
C2-DIBEN	23		43.5		37.6		7.1		16.4	
C3-DIBEN	20.8		45.4		36.4		5.6		11.9	
FLUORANTHENE *	20.4		42		90		14.5		32.2	
PYRENE *	33.8		65.9		60.7		11.2		17.1	
C1-FLUORAN_PYR	23.2		49.7		60.7		14.4		20.4	
BENaANTHRACENE *	8.3		12.8		38.5		5		8.3	
CHRYSENE *	9.6		20.7		60.7		7.8		14.5	
C1-CHRYSENES	8.3		13.9		23.3		12		7	
C2-CHRYSENES	6.3	J	9.8		12.5		6.5	J	6.3	J
C3-CHRYSENES		ND		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND		ND
BENbFLUORAN	2.8	J	4.6		16.8		6.3		4.2	
BENkFLUORAN	3		4.8		17.9		6.7		4.5	
BENePYRENE *	4.4		8.3		17.1		5.4		5.2	
BENaPYRENE *	0.7	J	1.2	J	2.7		2.7	J	1.8	J
PERYLENE *	5.4		8.2		5.2		5.5		1.9	J
I123cdPYRENE	0.2	J	1.1		1.5		1.8		1.1	
DBahANTHRA *	0.4	J	0.2	J	0.6	J	0.5	J	0.5	J
BghiPERYLENE	0.8	J	2		2.6		3.4		1	J
TOTAL PAH's (w/o PERYLENE)	481		803.5		900.9		196.9		366.4	
S&T Total PAHs (*)	144.2		232		375.9		114.2		148.6	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	MBCP		MBHI		PBPH		PBIB		PBSP	
ID:	Mobile Bay Cedar		Mobile Bay Cedar		Pensacola Bay		Pensacola Bay		Pensacola Bay	
SITE	Cedar Point Reef		Hollingers Island		Public Harbor		Indian Bayou		Sabine Point	
LABSAMNO:	K7076		K7074		K7088		K7086		K7090	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	5.1		4.7		5.6		5.6	J	5.7	
1-METHYLNAPH *	4		6.9		4.5		5.6		3.2	
2,6-DIMETHNAPH *	3.7		1.7	J	5.3		6.4		4.3	
2,3,5-TRIMETHNAPH *	3.2	J	6.4		6.1		3	J	3.3	J
1-METHYLPHEN *	5.7		11.3		12.5		2.3	J	5.3	
Surrogate Recoveries										
NAPHD8:	55.9		63.9		57.8		58.4		56.9	
ACEND10:	88.3		75.2		77.1		66.2		77.2	
PHEND10:	72.9		69.5		70.7		63.5		75.8	
CHRYD12:	68.9		67.3		61.4		65		64.9	
PERYD12:	70.4		62.4		66.9		53.1		66.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	CBJB		CBSR		CBPP		PCLO	
ID:	Choctawhatchee		Choctawhatchee		Choctawhatchee		Panama City	
SITE	Joe's Bayou		Off Santa Rosa		Postil Point		Little Oyster Bar	
LABSAMNO:	K7082		K7084		K7080		K7092	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/14/97		1/13/97		1/13/97		1/14/97	
QCBATCH:	M1234		M1234		M1234		M1234	
EXTRACTION DATE:	9/17/97		9/17/97		9/17/97		9/17/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/29/97		10/29/97		10/29/97		10/29/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/98		8/24/98		8/24/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.16		15.09		15.17		15.31	
DRYWT:	2.73		1.89		2.16		2.83	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	18.00%		12.50%		14.20%		18.50%	
Lipid Weight:								
TOTAL LIPID:	10.56		7.66		10.5		9.09	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	57.3		67		58.5		54	
ACEND10:	103.1		73.1		77		67.4	
PHEND10:	89.9		73.8		72.7		68.2	
CHRYD12:	73.7		68.8		67		57.4	
PERYD12:	73.7		62.7		59.1		61.9	
NAPHTHALENE *	14.8		9.2		10		7.8	
C1-NAPHTHALENES	55.1		6.6	J	14.8		12.2	
C2-NAPHTHALENES	150.7		17.3		20.6		14.5	
C3-NAPHTHALENES	315.2		27.1		39.2		27.1	
C4-NAPHTHALENES	393.2		29		35.5		22.3	
BIPHENYL *	5.8		3	J	4.8	J	2.7	J
ACENAPHTHYLENE	33.8		1.3	J	2.8	J	1.5	J
ACENAPHTHENE *	60.7		2.4	J	4.5		2.3	J
FLUORENE *	77.2		3.4	J	8.8		4.7	
C1-FLUORENES	63.3		11.5	J	15.8		8.7	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	CBJB		CBSR		CBPP		PCLO	
ID:	Choctawhatchee		Choctawhatchee		Choctawhatchee		Panama City	
SITE	Joe's Bayou		Off Santa Rosa		Postil Point		Little Oyster Bar	
LABSAMNO:	K7082		K7084		K7080		K7092	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	241.8		40.6		58.8		33.3	
C3-FLUORENES	527.2		73		97.8		50.6	
PHENANTHRENE *	387.4		6.1		23.9		16.9	
ANTHRACENE *	154.2		4	J	11.2		5.1	
C1-PHEN_ANTHR	518.8		16.8		81.9		20.1	
C2-PHEN_ANTHR	1016.9		33.1		127.8		34.2	
C3-PHEN_ANTHR	1177.5			ND		M		ND
C4-PHEN_ANTHR	628.8			ND		M		ND
DIBENZOTHIO	19.5		1.3	J	2.8		1.4	
C1-DIBEN	95.4		4.8		15.4		3.3	
C2-DIBEN	448.7		16.3		53.8		16	
C3-DIBEN	568.7		19.1		52.7		12.2	
FLUORANTHENE *	1486.5		14.1		79		32.9	
PYRENE *	1132.9		8.4		80.4		19.1	
C1-FLUORAN_PYR	908.9		14.3		105.2		16.4	
BENaANTHRACENE *	919.7		2.5		53.5		5.3	
CHRYSENE *	858.8		4.5		94.7		10.3	
C1-CHRYSENES	525.3			ND	145.9		6.1	
C2-CHRYSENES	117.3			ND	104.5		6.4	
C3-CHRYSENES	10.7			ND	27.6			ND
C4-CHRYSENES	17.3			ND	13.7			ND
BENbFLUORAN	513.9		2.1	J	27.4		1.9	J
BENkFLUORAN	545.6		2.2	J	29.1		2	J
BENePYRENE *	476.5		2.5		54.3		3.2	
BENaPYRENE *	127.4		0.9	J	29.5		1	J
PERYLENE *	77.5		5.1		12.6		2.2	
I123cdPYRENE	35.7		1.1		14.4		0.4	J
DBahANTHRA *	15.7		0.2	J	4.6		0.1	J
BghiPERYLENE	69.8		0.6	J	25.5		0.5	J
TOTAL PAH's (w/o PERYLENE)	14716.4		379.1		1572.3		402.3	
S&T Total PAHs (*)	6041.3		83.9		519.8		141.1	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	CBJB		CBSR		CBPP		PCLO	
ID:	Choctawhatchee		Choctawhatchee		Choctawhatchee		Panama City	
SITE	Joe's Bayou		Off Santa Rosa		Postil Point		Little Oyster Bar	
LABSAMNO:	K7082		K7084		K7080		K7092	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	35.5		4.2	J	8.8		7.4	
1-METHYLNAPH *	19.7		2.5	J	6.1		4.8	
2,6-DIMETHNAPH *	40.4		5.8		6.7		5.3	
2,3,5-TRIMETHNAPH *	43.1		1.8	J	9		5.1	
1-METHYLPHEN *	107.7		3.5	J	17.4		5.1	
Surrogate Recoveries								
NAPHD8:	57.3		67		58.5		54	
ACEND10:	103.1		73.1		77		67.4	
PHEND10:	89.9		73.8		72.7		68.2	
CHRYD12:	73.7		68.8		67		57.4	
PERYD12:	73.7		62.7		59.1		61.9	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	PCMP		SAWB		APDB		APCP	
ID:	Panama City		St. Andrew		Apalachicola Bay		Apalachicola Bay	
SITE	Municipal Pier		Watson Bayou		Dry Bar		Cat Point Bar	
LABSAMNO:	K7096		K7094		K7098		K7104	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/14/97		1/14/97		1/15/97		1/15/97	
QCBATCH:	M1234		M1234		M1234		M1235	
EXTRACTION DATE:	9/17/97		9/17/97		9/17/97		9/18/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/30/97		10/30/97		10/30/97		10/31/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/98		8/24/98		8/24/98		8/23/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.13		15.04		15.09		15.22	
DRYWT:	2.37		2.43		1.49		2.55	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.70%		16.20%		9.90%		16.80%	
Lipid Weight:								
TOTAL LIPID:	8.53		7.16		6.1		7.16	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	55.7		57.2		56.8		58.3	
ACEND10:	67.9		61.1		70.8		65.6	
PHEND10:	78		69.7		70.3		74.1	
CHRYD12:	75.3		59.7		65.6		69.7	
PERYD12:	62		66.4		66.4		67.6	
NAPHTHALENE *	15.9		7.9		10.9		9.6	
C1-NAPHTHALENES	55.3		8.7		16.4		23.1	
C2-NAPHTHALENES	194		47.2			ND	51.5	
C3-NAPHTHALENES	364.8		169.9			ND	145.3	
C4-NAPHTHALENES	388.3		278.5			ND	171.5	
BIPHENYL *	10.3		6	J	4	J	3.6	J
ACENAPHTHYLENE	6.9		6.5		1.2	J	2.9	J
ACENAPHTHENE *	13.5		9.6		1.4	J	3.6	
FLUORENE *	27.2		13		3.5	J	5.1	
C1-FLUORENES	76.8		59.9			ND	40	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	PCMP		SAWB		APDB		APCP	
ID:	Panama City		St. Andrew		Apalachicola Bay		Apalachicola Bay	
SITE	Municipal Pier		Watson Bayou		Dry Bar		Cat Point Bar	
LABSAMNO:	K7096		K7094		K7098		K7104	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	231.9		231			ND	134.3	
C3-FLUORENES	419.4		417.2			ND	218.4	
PHENANTHRENE *	104.2		50.4		4.2		35.9	
ANTHRACENE *	49.6		36.5		2.1	J	22.9	
C1-PHEN_ANTHR	349.4		247.9		19.7		141.3	
C2-PHEN_ANTHR	683.9		518.2		20.4		239.4	
C3-PHEN_ANTHR	727.3		495.5			ND	293.6	
C4-PHEN_ANTHR	415.4		225.6			ND	168.7	
DIBENZOTHIO	13		6.1		1.2	J	5.8	
C1-DIBEN	81.4		66.1			ND	42.5	
C2-DIBEN	339.2		240.2			ND	122.5	
C3-DIBEN	478		211.9			ND	140.6	
FLUORANTHENE *	274.2		289.4		7.6		63.8	
PYRENE *	211.3		227.8		6.6		72.3	
C1-FLUORAN_PYR	265.6		157.9			ND	74.1	
BENaANTHRACENE *	91.1		58.6		1.4	J	14.1	
CHRYSENE *	168.8		122.1		4	J	20.8	
C1-CHRYSENES	101.4		46.4			ND		ND
C2-CHRYSENES	43		24.7			ND		ND
C3-CHRYSENES	4.2	J	7			ND		ND
C4-CHRYSENES	5.8	J	6.1	J		ND		ND
BENbFLUORAN	53.2		30.9		1.5	J	5.5	
BENkFLUORAN	56.4		32.8		1.6	J	5.8	
BENePYRENE *	52.2		36.9		1.7		6.8	
BENaPYRENE *	9.8		8.1		0.3	J	1.2	J
PERYLENE *	8.2		6.6		5		5.2	
I123cdPYRENE	5.1		5.3		0.6	J	0.6	J
DBahANTHRA *	1.3	J	2		0.3	J	0.4	J
BghiPERYLENE	11.7		8.5		1.2	J	2.1	
TOTAL PAH's (w/o PERYLENE)	6400.2		4418.3		111.6		2289.3	
S&T Total PAHs (*)	1325.7		1002		76.3		371.8	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	PCMP		SAWB		APDB		APCP	
ID:	Panama City		St. Andrew		Apalachicola Bay		Apalachicola Bay	
SITE	Municipal Pier		Watson Bayou		Dry Bar		Cat Point Bar	
LABSAMNO:	K7096		K7094		K7098		K7104	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	31.9		5.2		8.5		15.7	
1-METHYLNAPH *	23.4		3.5		7.9		7.4	
2,6-DIMETHNAPH *	74		18.5		5.4	J	20.4	
2,3,5-TRIMETHNAPH *	81.9		41.9		1.2	J	31.5	
1-METHYLPHEN *	77		57.9		0.5	J	31.6	
Surrogate Recoveries								
NAPHD8:	55.7		57.2		56.8		58.3	
ACEND10:	67.9		61.1		70.8		65.6	
PHEND10:	78		69.7		70.3		74.1	
CHRYD12:	75.3		59.7		65.6		69.7	
PERYD12:	62		66.4		66.4		67.6	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	AESP		CKBP		TBNP		TBMK		TBPB	
ID:	Apalachee Bay		Cedar Kay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Spring Creek		Black Point		Navarez Park		Mullet Key Bayou		Papys Bayou	
LABSAMNO:	K7102		K7100		K7110		K7106		K7118	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/15/97		1/15/97		1/16/97		1/16/97		1/17/97	
QCBATCH:	M1235		M1234		M1235		M1235		M1235	
EXTRACTION DATE:	9/18/97		9/17/97		9/18/97		9/18/97		9/18/97	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/31/97		10/30/97		10/31/97		10/31/97		11/1/97	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/98		8/25/98		8/24/98		8/23/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15		15.16		15.07		15.13		15.35	
DRYWT:	1.49		2.67		2.67		3.7		2.67	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	9.90%		17.60%		17.70%		24.50%		17.40%	
Lipid Weight:										
TOTAL LIPID:	4.83		7.8		6.96		7.45		7.62	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries										
PAH's:										
NAPHD8:	66.5		51.6		48.9		59.9		59.7	
ACEND10:	70.7		65.9		57.7		84.1		81.9	
PHEND10:	70.1		70		70.3		75.4		78	
CHRYD12:	68.9		57.1		65.6		64.4		71.3	
PERYD12:	63.1		59.4		57.1		65.1		62.7	
NAPHTHALENE *	10.9		8.1		19.5		5.3		11.3	
C1-NAPHTHALENES	13.8		11.4		51		7.6		11	
C2-NAPHTHALENES		ND	16.2		57.5		11.9		15.7	
C3-NAPHTHALENES		ND		ND	76.9		17.3		26.9	
C4-NAPHTHALENES		ND		ND	85.2		22.5		28.8	
BIPHENYL *	5.5	J	2.1	J	3.7	J	1.9	J	1.9	J
ACENAPHTHYLENE	1.3	J	0.5	J	2.5	J	0.8	J	1.9	J
ACENAPHTHENE *	2.9	J	0.8	J	6.5		9.1		6.9	
FLUORENE *	2.3	J	2.8	J	7.3		6.9		8.1	
C1-FLUORENES		ND		ND	27		5.1	J	4.7	J

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	AESP		CKBP		TBNP		TBMK		TBPB	
ID:	Apalachee Bay		Cedar Kay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Spring Creek		Black Point		Navarez Park		Mullet Key Bayou		Papys Bayou	
LABSAMNO:	K7102		K7100		K7110		K7106		K7118	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND		ND	56.8			ND		ND
C3-FLUORENES		ND		ND	83.9			ND		ND
PHENANTHRENE *	4		4.2		20.7		26.7		30.9	
ANTHRACENE *	2.3	J	0.9	J	11.2		7.4		10.9	
C1-PHEN_ANTHR		ND	11		40.7		39.5		29	
C2-PHEN_ANTHR		ND	9.7		62.9		22.7		20.6	
C3-PHEN_ANTHR		ND		ND	70.9			ND		ND
C4-PHEN_ANTHR		ND		ND	37.9			ND		ND
DIBENZOTHIO	0.5	J	0.5	J	2.2		1.8		2.2	
C1-DIBEN		ND		ND	6.4		3.5		4.2	
C2-DIBEN		ND		ND	15.8		5.8		6.9	
C3-DIBEN		ND		ND	15.5			ND		ND
FLUORANTHENE *	3.5	J	4.6		128		56.4		81.5	
PYRENE *	2.7		3		74.4		30.7		49.9	
C1-FLUORAN_PYR		ND	9		45.5		22.2		29.2	
BENaANTHRACENE *	2.1		0.9	J	12.4		9		10.9	
CHRYSENE *	2	J	1.3	J	42.3		10.8		32.7	
C1-CHRYSENES		ND		ND	14.2			ND	6.7	
C2-CHRYSENES		ND		ND	10.6			ND	4.4	J
C3-CHRYSENES		ND		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND		ND
BENbFLUORAN	1.2	J	0.4	J	13.2		2.9		8.7	
BENkFLUORAN	1.2	J	0.4	J	14.1		3		9.3	
BENePYRENE *	1.2	J	1		16.4		3.3		10.1	
BENaPYRENE *	0.9	J	0.4	J	2.4		0.6	J	1.1	J
PERYLENE *	3.4	J	1.4	J	1.9	J	0.5	J	1.6	J
I123cdPYRENE	1	J	0.5	J	2.7		0.7		1.8	
DBahANTHRA *	0.9	J	0.1	J	0.8	J	0.3	J	1.4	J
BghiPERYLENE	0.7	J	0.8	J	5.4		0.9		3.2	
TOTAL PAH's (w/o PERYLENE)	60.7		90.5		1144.5		336.3		472.7	
S&T Total PAHs (*)	66.9		53.2		444.4		187.2		280.6	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	AESP		CKBP		TBNP		TBMK		TBPB	
ID:	Apalachee Bay		Cedar Kay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE	Spring Creek		Black Point		Navarez Park		Mullet Key Bayou		Papys Bayou	
LABSAMNO:	K7102		K7100		K7110		K7106		K7118	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	5.7	J	7.2		32.6		4.4		5.4	
1-METHYLNAPH *	8.1		4.3		18.5		3.3		5.6	
2,6-DIMETHNAPH *	5.5	J	5.7		20.9		4.5		4.1	
2,3,5-TRIMETHNAPH *	1.8	J	3	J	17.8		3.2		2.4	J
1-METHYLPHEN *	1.4	J	1.5	J	7.2		3.2		3.9	
Surrogate Recoveries										
NAPHD8:	66.5		51.6		48.9		59.9		59.7	
ACEND10:	70.7		65.9		57.7		84.1		81.9	
PHEND10:	70.1		70		70.3		75.4		78	
CHRYD12:	68.9		57.1		65.6		64.4		71.3	
PERYD12:	63.1		59.4		57.1		65.1		62.7	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	TBOT		TBKA		TBHB		TBCB		CBBI	
ID:	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Charlotte Harbor	
SITE	Old Tampa Bay		Knights Airport		Hillsborough		Cockroach Bay		Bird Island	
LABSAMNO:	K7112		K7108		K7116		K7114		K7128	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/16/97		1/16/97		1/17/97		1/17/97		1/20/97	
QCBATCH:	M1235		M1235		M1235		M1235		M1235	
EXTRACTION DATE:	9/18/97		9/18/97		9/18/97		9/18/97		9/18/97	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/31/97		10/31/97		11/1/97		11/1/97		11/1/97	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/98		8/24/98		8/24/98		8/24/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15.07		15.28		14.75		15.07		8.11	
DRYWT:	1.98		2.91		2.78		2.85		1.11	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	13.10%		19.00%		18.90%		18.90%		13.70%	
Lipid Weight:										
TOTAL LIPID:	5.49		5.62		6.97		8.39		4.23	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries										
PAH's:										
NAPHD8:	45.1		51.9		52.4		62.3		57.3	
ACEND10:	69.3		64.5		72		78.2		76.2	
PHEND10:	66.1		75		67.4		81.4		72.1	
CHRYD12:	67		68.6		62.8		76		72.7	
PERYD12:	49.7		67.6		58.2		67		57.2	
NAPHTHALENE *	12.4		7.1		10.7		9.5		15	
C1-NAPHTHALENES	9.4		8.8		14.6		19.3		22.3	
C2-NAPHTHALENES		ND	20.1		27.4		28.1			ND
C3-NAPHTHALENES		ND	56.2		49.4		26.6			ND
C4-NAPHTHALENES		ND	65.3		57.2		24.2			ND
BIPHENYL *	1.6	J	3.3	J	3.6	J	2.4	J	3.4	J
ACENAPHTHYLENE	1.6	J	9.1		6.5		1.9	J	2.5	J
ACENAPHTHENE *	3.2	J	4.7		4.8		1.3	J	3.2	J
FLUORENE *	3.3	J	10		9.8		4	J	7	J
C1-FLUORENES		ND	22		20.8			ND		ND

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	TBOT		TBKA		TBHB		TBCB		CBBI	
ID:	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Charlotte Harbor	
SITE	Old Tampa Bay		Knights Airport		Hillsborough		Cockroach Bay		Bird Island	
LABSAMNO:	K7112		K7108		K7116		K7114		K7128	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND	63.1		48.6			ND		ND
C3-FLUORENES		ND	99.6		147.6			ND		ND
PHENANTHRENE *	13.3		21.5		29.6		8.5		6.3	
ANTHRACENE *	6.2		21.5		29.8		2	J	2.7	J
C1-PHEN_ANTHR	17.6		66.3		103.4		17.4			ND
C2-PHEN_ANTHR	20.5		71.8		94.5		16.7			ND
C3-PHEN_ANTHR		ND	110.8		216.9			ND		ND
C4-PHEN_ANTHR		ND	61.4		130.8			ND		ND
DIBENZOTHIO	1.5	J	2		2.2		1.1	J	2.4	J
C1-DIBEN		ND	12.8		11.7			ND		ND
C2-DIBEN		ND	31.3		36.9			ND		ND
C3-DIBEN		ND	31.8		48.2			ND		ND
FLUORANTHENE *	44.5		114.6		143.9		10.7		9.6	
PYRENE *	32.4		117.6		117.3		6.7		7.3	
C1-FLUORAN_PYR	24.1		88.1		113.8		10			ND
BENaANTHRACENE *	7.2		19.1		42.6		1.1		1.4	J
CHRYSENE *	13.6		50.7		52.7		4.3		3.7	J
C1-CHRYSENES	10.6		30.9		76.8			ND		ND
C2-CHRYSENES	6.1	J	19.6		56.2			ND		ND
C3-CHRYSENES		ND		ND	11.5			ND		ND
C4-CHRYSENES		ND		ND	6.3			ND		ND
BENbFLUORAN	7.6		19.5		22.4		0.8	J	1.5	J
BENkFLUORAN	8		20.7		23.8		0.9	J	1.6	J
BENePYRENE *	7.6		28.5		28.5		1.8		2	J
BENaPYRENE *	1.5	J	7.1		3.5		0.5	J	1.2	J
PERYLENE *	2.6	J	2.7		5.4		0.7	J	0.8	J
I123cdPYRENE	1.9		4.5		2.7		0.4	J	1	J
DBahANTHRA *	0.7	J	1.8		1.8		0.5	J	0.8	J
BghiPERYLENE	2.7		8.4		20.4		0.8	J	1.1	J
TOTAL PAH's (w/o PERYLENE)	258.9		1331.3		1828.8		201.3		95.8	
S&T Total PAHs (*)	167		445.3		528.4		88.4		99.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	TBOT		TBKA		TBHB		TBCB		CBBI	
ID:	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Charlotte Harbor	
SITE	Old Tampa Bay		Knights Airport		Hillsborough		Cockroach Bay		Bird Island	
LABSAMNO:	K7112		K7108		K7116		K7114		K7128	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	5.3		3.4	J	9.2		13.4		15.2	
1-METHYLNAPH *	4.1		5.4		5.4		5.9		7.1	
2,6-DIMETHNAPH *	2	J	5.8		9.8		9.6		3.2	J
2,3,5-TRIMETHNAPH *	1.9	J	9		9.8		2.7	J	7.5	J
1-METHYLPHEN *	3.6	J	11.5		10.5		2.7	J	1.9	J
Surrogate Recoveries										
NAPHD8:	45.1		51.9		52.4		62.3		57.3	
ACEND10:	69.3		64.5		72		78.2		76.2	
PHEND10:	66.1		75		67.4		81.4		72.1	
CHRYD12:	67		68.6		62.8		76		72.7	
PERYD12:	49.7		67.6		58.2		67		57.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	CBFM		NBNB		RBHC		EVFU	
ID:	Charlotte Harbor		Naples Bay		Rookery Bay		Everglades	
SITE	Fort Meyers		Naples Bay		Henderson Creek		Faka Union Bay	
LABSAMNO:	K7126		K7120		K7122		K7124	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/20/97		1/20/97		1/20/97		1/20/97	
QCBATCH:	M1235		M1235		M1235		M1235	
EXTRACTION DATE:	9/18/97		9/18/97		9/18/97		9/18/97	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	11/1/97		11/1/97		11/1/97		11/1/97	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/98		8/24/98		8/24/98		8/24/98	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.11		14.97		14.92		15.16	
DRYWT:	2.45		2.65		2.68		1.78	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	16.20%		17.70%		17.90%		11.80%	
Lipid Weight:								
TOTAL LIPID:	6.95		6.33		6.4		6.02	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	71.3		55.4		69.2		43.7	
ACEND10:	79.7		80		75		79.4	
PHEND10:	79.7		70.8		74.3		72.6	
CHRYD12:	73.3		69.5		74.9		75.8	
PERYD12:	64.6		55.5		66.5		61.5	
NAPHTHALENE *	8.9		18.6		10.5		16.2	
C1-NAPHTHALENES	13.3		44.5		21.5		41.4	
C2-NAPHTHALENES	18		49.8		23.1		45.3	
C3-NAPHTHALENES	21.6		72.9		22.2		68.3	
C4-NAPHTHALENES	19.1		90.8		22.9		62.3	
BIPHENYL *	3.8	J	3.2	J	3.5	J	4.5	J
ACENAPHTHYLENE	2.1	J	2.3	J	0.9	J	2.2	J
ACENAPHTHENE *	2.7	J	1.1	J	1	J	4.1	J
FLUORENE *	3.7	J	8.6		2.4	J	5.3	J
C1-FLUORENES	9.6	J	20.6		12.1		14.7	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	CBFM		NBNB		RBHC		EVFU	
ID:	Charlotte Harbor		Naples Bay		Rookery Bay		Everglades	
SITE	Fort Meyers		Naples Bay		Henderson Creek		Faka Union Bay	
LABSAMNO:	K7126		K7120		K7122		K7124	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND	66.5			ND		ND
C3-FLUORENES		ND	106			ND		ND
PHENANTHRENE *	8.3		13.2		3.9		3.7	
ANTHRACENE *	5.2		17.1		4		2.3	J
C1-PHEN_ANTHR	32.1		68.1		26.4		23.7	
C2-PHEN_ANTHR	32.2		103.3		26.1		35.3	
C3-PHEN_ANTHR		ND	141.1			ND		ND
C4-PHEN_ANTHR		ND	48.8			ND		ND
DIBENZOTHIO	0.9	J	1.8		0.3	J	1.6	J
C1-DIBEN	4		6.6			ND		ND
C2-DIBEN	10.4		20.2			ND		ND
C3-DIBEN	8.7		29.5			ND		ND
FLUORANTHENE *	40.9		92.3		15.7		11.5	
PYRENE *	33.2		106.1		13.4		13.1	
C1-FLUORAN_PYR	24.9		83.7		17.8		26.5	
BENaANTHRACENE *	7.4		15.9		3.6		1.9	
CHRYSENE *	22.8		41.8		4		4.3	J
C1-CHRYSENES	9		17.5			ND		ND
C2-CHRYSENES	9.8		7.9			ND		ND
C3-CHRYSENES		ND		ND		ND		ND
C4-CHRYSENES		ND		ND		ND		ND
BENbFLUORAN	8.9		10.9		1.4	J	1	J
BENkFLUORAN	9.5		11.6		1.5	J	1.1	J
BENePYRENE *	11.4		16.9		2.4		2.1	
BENaPYRENE *	1.6	J	1.6	J	0.8	J	0.6	J
PERYLENE *	1.6	J	1.5	J	0.8	J	0.6	J
I123cdPYRENE	1.7		1.4		0.7	J	1	J
DBahANTHRA *	0.5	J	0.8	J	0.5	J	0.5	J
BghiPERYLENE	3.3		6.7		1.3		1.9	
TOTAL PAH's (w/o PERYLENE)	389.1		1349.7		243.7		396.4	
S&T Total PAHs (*)	178.6		425		104.4		132.2	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	CBFM		NBNB		RBHC		EVFU	
ID:	Charlotte Harbor		Naples Bay		Rookery Bay		Everglades	
SITE	Fort Meyers		Naples Bay		Henderson Creek		Faka Union Bay	
LABSAMNO:	K7126		K7120		K7122		K7124	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	8		27.4		14.2		26.7	
1-METHYLNAPH *	5.3		17.1		7.3		14.7	
2,6-DIMETHNAPH *	6.2		14.5		8.3		10.6	
2,3,5-TRIMETHNAPH *	3.2	J	13.6		4.8		5.3	J
1-METHYLPHEN *	4.1		13.9		3.3		4.1	J
Surrogate Recoveries								
NAPHD8:	71.3		55.4		69.2		43.7	
ACEND10:	79.7		80		75		79.4	
PHEND10:	79.7		70.8		74.3		72.6	
CHRYD12:	73.3		69.5		74.9		75.8	
PERYD12:	64.6		55.5		66.5		61.5	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	PRBB		PRBM		PRBJ	
ID:	Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Bahia de Boquieron		Bahia Montalva		Bahia de Jobos	
LABSAMNO:	K7130		K7132		K7134	
SAMPLE TYPE:	SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/21/97		1/22/97		1/23/97	
QCBATCH:	M1235		M1235		M1235	
EXTRACTION DATE:	9/18/97		9/18/97		9/18/97	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	11/1/97		11/1/97		11/1/97	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/98		8/24/98		8/25/98	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
WETWT:	9.4		6.64		8.22	
DRYWT:	1.89		1.03		1.39	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	20.10%		15.50%		16.90%	
Lipid Weight:						
TOTAL LIPID:	6.2		2.3		3.77	
LIPID UNITS:	% DRY		% DRY		% DRY	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
Surrogate Recoveries						
PAH's:						
NAPHD8:	65.9		65.3		59	
ACEND10:	72.8		73.9		70.6	
PHEND10:	82.3		79.2		77.3	
CHRYD12:	74.1		72		68.2	
PERYD12:	62		59.2		54.6	
NAPHTHALENE *	10.7		21.5		15.7	
C1-NAPHTHALENES	8.3	J	16	J	11.1	J
C2-NAPHTHALENES	13.5			ND		ND
C3-NAPHTHALENES	34.6			ND		ND
C4-NAPHTHALENES		ND		ND		ND
BIPHENYL *	2.5	J	6	J	4.7	J
ACENAPHTHYLENE	0.9	J	1.6	J	1.5	J
ACENAPHTHENE *	1.2	J	2.7	J	1.8	J
FLUORENE *	3.3	J	2.7	J	4.9	J
C1-FLUORENES		ND		ND		ND

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	PRBB		PRBM		PRBJ	
ID:	Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Bahia de Boquieron		Bahia Montalva		Bahia de Jobos	
LABSAMNO:	K7130		K7132		K7134	
SAMPLE TYPE:	SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES		ND		ND		ND
C3-FLUORENES		ND		ND		ND
PHENANTHRENE *	2.6		5		6	
ANTHRACENE *	0.9	J	2.9	J	2.4	J
C1-PHEN_ANTHR	22.7			ND	9.7	J
C2-PHEN_ANTHR	16.2			ND	11	J
C3-PHEN_ANTHR		ND		ND		ND
C4-PHEN_ANTHR		ND		ND		ND
DIBENZOTHIO	0.6	J	1.3	J	0.7	J
C1-DIBEN		ND		ND		ND
C2-DIBEN		ND		ND		ND
C3-DIBEN		ND		ND		ND
FLUORANTHENE *	6.5		6.9		19.4	
PYRENE *	6.7		5		8.5	
C1-FLUORAN_PYR	11.4			ND		ND
BENaANTHRACENE *	1.2	J	1.8	J	4.6	
CHRYSENE *	2.6	J	4.8	J	6.7	
C1-CHRYSENES		ND		ND		ND
C2-CHRYSENES		ND		ND		ND
C3-CHRYSENES		ND		ND		ND
C4-CHRYSENES		ND		ND		ND
BENbFLUORAN	0.8	J	2	J	2.6	J
BENkFLUORAN	0.8	J	2.2	J	2.8	J
BENePYRENE *	1.2	J	2.4		2.6	
BENaPYRENE *	0.3	J	1.5	J	1.2	J
PERYLENE *	1	J	0.5	J	0.7	J
I123cdPYRENE	0.3	J	1.5	J	1	J
DBahANTHRA *	0.6	J	0.8	J	0.7	J
BghiPERYLENE	0.6	J	1.8	J	2.3	
TOTAL PAH's (w/o PERYLENE)	150.9		90.2		121.7	
S&T Total PAHs (*)	57.3		88.6		100.8	

Mussel Watch Project Year 8 - Aromatics Data

INVEST#:	PRBB		PRBM		PRBJ	
ID:	Puerto Rico		Puerto Rico		Puerto Rico	
SITE	Bahia de Boquieron		Bahia Montalva		Bahia de Jobos	
LABSAMNO:	K7130		K7132		K7134	
SAMPLE TYPE:	SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2-METHYLNAPH *	4.6	J	9.7	J	6.6	J
1-METHYLNAPH *	3.7	J	6.3	J	4.6	J
2,6-DIMETHNAPH *	4.2	J	3.4	J	5	J
2,3,5-TRIMETHNAPH *	1.5	J	2.3	J	1.1	J
1-METHYLPHEN *	2	J	2.7	J	3.9	J
Surrogate Recoveries						
NAPHD8:	65.9		65.3		59	
ACEND10:	72.8		73.9		70.6	
PHEND10:	82.3		79.2		77.3	
CHRYD12:	74.1		72		68.2	
PERYD12:	62		59.2		54.6	

Aromatic QC Data

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		GBYC		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK		Galveston Bay		GBYC	
SITE:					Yacht Club		Galveston Bay	
LABSAMNO:	Q6336		Q6337		K7004		Q6338	
SAMPLE TYPE:	BLANK		LBS		SAMP		DUPLICATE	
RECEIPT DATE:					12/10/92		12/10/92	
QCBATCH:	M1232		M1232		M1232		M1232	
EXTRACTION DATE:	9/14/93		9/14/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/19/93		10/19/93		10/19/93		10/19/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/31/94		7/31/94		7/29/94		7/31/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:					15.69		15.07	
DRYWT:	10		10		2.85		2.68	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:					18.10%		17.80%	
Lipid Weight:								
TOTAL LIPID:		NA		NA	8.38		8.17	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	64.2		70.2		52.6		54.7	
ACEND10:	68.9		67.5		58.2		70.1	
PHEND10:	62.5		82.3		69.6		68.3	
CHRYD12:	59.9		65.4		70.3		65.8	
PERYD12:	45.7		43.7		54.9		60.6	
PESTICIDES & PCB's:								
DBOFB:	75.5		76.5		71.8		70.1	
PCB#103:	83		84.6		59.5		68.1	
PCB#198:	79.7		76.6		68.8		72.6	
UNIT:	ng/g		%		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
NAPHTHALENE *	0.5	J	80.6		6.4		6.4	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		GBYC		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK		Galveston Bay		GBYC	
SITE:					Yacht Club		Galveston Bay	
LABSAMNO:	Q6336		Q6337		K7004		Q6338	
SAMPLE TYPE:	BLANK		LBS		SAMP		DUPLICATE	
C1-NAPHTHALENES	0.9	J		NA	6.6		5.4	J
C2-NAPHTHALENES		ND		NA	11.8		12.6	
C3-NAPHTHALENES		ND		NA	47.5		51.2	
C4-NAPHTHALENES		ND		NA	94.8		83	
BIPHENYL *	0.5	J	84.3		3.1	J	3.4	J
ACENAPHTHYLENE	0	J	81.6		3.7		3.5	J
ACENAPHTHENE *	0.3	J	80		2.8	J	2	J
FLUORENE *	0.3	J	87.4		3.7	J	4.4	
C1-FLUORENES		ND		NA	25		24.6	
C2-FLUORENES		ND		NA	101.5		97	
C3-FLUORENES		ND		NA	202.3		209.2	
PHENANTHRENE *	0.3	J	68.3		12		14.1	
ANTHRACENE *	0.2	J	55.1		10.6		10.3	
C1-PHEN_ANTHR		ND		NA	42.7		50.1	
C2-PHEN_ANTHR		ND		NA	127.3		146.1	
C3-PHEN_ANTHR		ND		NA	224		266.6	
C4-PHEN_ANTHR		ND		NA	173		231.7	
DIBENZOTHIO	0.1	J	63.6		2.5		2.7	
C1-DIBEN		ND		NA	12.6		15.7	
C2-DIBEN		ND		NA	46.1		54	
C3-DIBEN		ND		NA	60.8		69.1	
FLUORANTHENE *	0.1	J	75.2		43.7		46.2	
PYRENE *	0.2	J	71.9		61.3		71.2	
C1-FLUORAN_PYR		ND		NA	62.4		96.3	
BENaANTHRACENE *	0.1	J	90.5		13.3		9.7	
CHRYSENE *	0.1	J	74.2		31.2		42.1	
C1-CHRYSENES		ND		NA	24.8		25.4	
C2-CHRYSENES		ND		NA	29.8		31.4	
C3-CHRYSENES		ND		NA		ND		ND
C4-CHRYSENES		ND		NA		ND		ND
BENbFLUORAN	0	J	63.6		5		5.4	
BENkFLUORAN	0	J	83.4		6.5		7.1	
BENePYRENE *	0	J	71.2		10.8		12.8	
BENaPYRENE *	0	J	55.3		1.6	J	2.2	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE	GBYC		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK	Galveston Bay		GBYC	
SITE:				Yacht Club		Galveston Bay	
LABSAMNO:	Q6336		Q6337	K7004		Q6338	
SAMPLE TYPE:	BLANK		LBS	SAMP		DUPLICATE	
PERYLENE *	0.1	J	114.5	2.8		3.7	
I123cdPYRENE	0.1	J	65.2	0.9		1	
DBahANTHRA *	0.1	J	79.2	0.9	J	1.6	J
BghiPERYLENE	0	J	63.7	2.1		2.4	
TOTAL PAH's (w/o PERYLENE)	3.7		AVG % RECOV 79	1514.8		1717.9	
S&T Total PAHs (*)	4.2			234.5		258.6	
2-METHYLNAPH *	0.4	J	124.9	3.7		2.8	J
1-METHYLNAPH *	0.5	J	88.3	2.9		2.6	
2,6-DIMETHNAPH *	0.3	J	80.1	4.7		4.4	
2,3,5-TRIMETHNAPH *	0.3	J	106.6	10.1		8.9	
1-METHYLPHEN *	0.1	J	67.5	9.2		9.7	
Surrogate Recoveries							
NAPHD8:	64.2		70.2	52.6		54.7	
ACEND10:	68.9		67.5	58.2		70.1	
PHEND10:	62.5		82.3	69.6		68.3	
CHRYD12:	59.9		65.4	70.3		65.8	
PERYD12:	45.7		43.7	54.9		60.6	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		VBSP	
ID:	GBYC		PROC BLANK		SPIKE BLANK		Vermillion Bay	
SITE:	Galveston Bay						Southwest Pass	
LABSAMNO:	Q6339		Q6340		Q6341		K7046	
SAMPLE TYPE:	MS		BLANK		LBS		SAMP	
RECEIPT DATE:	12/10/92						1/6/93	
QCBATCH:	M1232		M1233		M1233		M1233	
EXTRACTION DATE:	9/14/93		9/14/93		9/14/93		11/11/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/19/93		7/14/94		10/24/93		12/23/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/31/94		8/24/94		8/24/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.13						15.08	
DRYWT:	2.75		10		10		1.78	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	18.20%						11.80%	
Lipid Weight:								
TOTAL LIPID:	8.38			NA		NA	9.78	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	48.6		75.3		61.5		58.4	
ACEND10:	58.4		66.7		64.4		57	
PHEND10:	69		62.4		67		70.7	
CHRYD12:	63		65.1		56.4		69.1	
PERYD12:	55.8		41.4		33.1		60.6	
PESTICIDES & PCB's:								
DBOFB:	73.2		80.3		73.6		70.3	
PCB#103:	72.2		90.5		85.2		53.2	
PCB#198:	71.8		79.4		75.1		50.6	
UNIT:	%		ng/g		%		ng/g	
PNA Analyte	% RECOV	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL
NAPHTHALENE *	87.3		0.5	J	95		15.6	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		VBSP	
ID:	GBYC		PROC BLANK		SPIKE BLANK		Vermillion Bay	
SITE:	Galveston Bay						Southwest Pass	
LABSAMNO:	Q6339		Q6340		Q6341		K7046	
SAMPLE TYPE:	MS		BLANK		LBS		SAMP	
C1-NAPHTHALENES		NA	0.7	J		NA	17.2	
C2-NAPHTHALENES		NA		ND		NA	20	
C3-NAPHTHALENES		NA		ND		NA	23.3	
C4-NAPHTHALENES		NA		ND		NA	37.3	
BIPHENYL *	80.9		0.4	J	88.7		6.3	J
ACENAPHTHYLENE	83		0.1	J	90.8		2	J
ACENAPHTHENE *	71.4		0.2	J	88.6		3	J
FLUORENE *	85.1		0.2	J	93.6		7.2	
C1-FLUORENES		NA		ND		NA	13.9	
C2-FLUORENES		NA		ND		NA	56.4	
C3-FLUORENES		NA		ND		NA	67	
PHENANTHRENE *	61.9		0.6		71.1		19.8	
ANTHRACENE *	47.8		0.1	J	71.8		3	J
C1-PHEN_ANTHR		NA		ND		NA	21.3	
C2-PHEN_ANTHR		NA		ND		NA	44	
C3-PHEN_ANTHR		NA		ND		NA	82.6	
C4-PHEN_ANTHR		NA		ND		NA	71	
DIBENZOTHIO	64.6		0.5		71.1		1.5	J
C1-DIBEN		NA		ND		NA	6.4	
C2-DIBEN		NA		ND		NA	13.9	
C3-DIBEN		NA		ND		NA	14.5	
FLUORANTHENE *	66.3		0.2	J	88.4		15.5	
PYRENE *	78.7		0.4		85.2		20.8	
C1-FLUORAN_PYR		NA		ND		NA	22.9	
BENaANTHRACENE *	105.9		0.1	J	102.9		1.8	
CHRYSENE *	76.7		0	J	87.1		8.1	
C1-CHRYSENES		NA		ND		NA	4.7	J
C2-CHRYSENES		NA		ND		NA	9.1	
C3-CHRYSENES		NA		ND		NA		ND
C4-CHRYSENES		NA		ND		NA		ND
BENbFLUORAN	69		0	J	89		1.1	J
BENkFLUORAN	90.5		0	J	83.5		1.1	J
BENePYRENE *	78		0	J	99.9		2.3	
BENaPYRENE *	73.6		0	J	93.6		1.2	J

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE	LAB QA SAMPLE		LAB QA SAMPLE	VBSP	
ID:	GBYC	PROC BLANK		SPIKE BLANK	Vermillion Bay	
SITE:	Galveston Bay				Southwest Pass	
LABSAMNO:	Q6339	Q6340		Q6341	K7046	
SAMPLE TYPE:	MS	BLANK		LBS	SAMP	
PERYLENE *	103.5	0.2	J	74.1	6.4	
I123cdPYRENE	90.1	0	J	81.8	0.7	J
DBahANTHRA *	111.8	0	J	100.6	2.1	J
BghiPERYLENE	87.1	0.1	J	84.2	1.1	J
TOTAL PAH's	AVG % RECOV	3.9		AVG % RECOV	639.6	
(w/o PERYLENE)	84.2			90.9		
S&T Total PAHs (*)		4.1			146.2	
2-METHYLNAPH *	144.6	0.4	J	149.4	8.9	
1-METHYLNAPH *	92	0.3	J	106.2	8.3	
2,6-DIMETHNAPH *	75.1	0.2	J	84.6	6.4	
2,3,5-TRIMETHNAPH *	105	0.1	J	116.6	4.2	J
1-METHYLPHEN *	74.9	0.4	J	75.6	5.3	
Surrogate Recoveries						
NAPHD8:	48.6	75.3		61.5	58.4	
ACEND10:	58.4	66.7		64.4	57	
PHEND10:	69	62.4		67	70.7	
CHRYD12:	63	65.1		56.4	69.1	
PERYD12:	55.8	41.4		33.1	60.6	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		VBSP		PROC BLANK		SPIKE BLANK	
SITE:	Vermillion Bay		Vermillion Bay					
LABSAMNO:	Q6342		Q6343		Q6344		Q6345	
SAMPLE TYPE:	DUPLICATE		MS		BLANK		LBS	
RECEIPT DATE:	1/6/93		1/6/93					
QCBATCH:	M1233		M1233		M1234		M1234	
EXTRACTION DATE:	9/14/93		9/14/93		9/16/93		9/16/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/24/93		10/24/93		10/28/93		10/28/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/94		8/25/94		8/24/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.1		15.2					
DRYWT:	2.2		2.37		10		10	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	14.60%		15.60%					
Lipid Weight:								
TOTAL LIPID:	13.2		12.59			NA		NA
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	63.8		48.3		58.5		65.4	
ACEND10:	62.2		65.4		66.7		67.9	
PHEND10:	59.8		64.1		69		81.2	
CHRYD12:	54.5		51.1		67.8		68.8	
PERYD12:	46		41.3		2.5	Q	57.8	
PESTICIDES & PCB's:								
DBOFB:	75.5		71.7		77.4		73.3	
PCB#103:	86.5		87.5		87.2		77.6	
PCB#198:	75.6		75.5		83.4		71.8	
UNIT:	ng/g		%		ng/g		%	
PNA Analyte	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL
NAPHTHALENE *	6.7		92.8		0.8	J	87	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		VBSP		PROC BLANK		SPIKE BLANK	
SITE:	Vermillion Bay		Vermillion Bay					
LABSAMNO:	Q6342		Q6343		Q6344		Q6345	
SAMPLE TYPE:	DUPLICATE		MS		BLANK		LBS	
C1-NAPHTHALENES	11.2			NA	0.8	J		NA
C2-NAPHTHALENES	11.6			NA		ND		NA
C3-NAPHTHALENES	38			NA		ND		NA
C4-NAPHTHALENES	33.8			NA		ND		NA
BIPHENYL *	3.8	J	75.4		0.5	J	93.4	
ACENAPHTHYLENE	1.7	J	86.7		0.1	J	93.8	
ACENAPHTHENE *	1.2	J	77.6		0.3	J	89.6	
FLUORENE *	4	J	81.5		0.2	J	97.9	
C1-FLUORENES		ND		NA		ND		NA
C2-FLUORENES		ND		NA		ND		NA
C3-FLUORENES		ND		NA		ND		NA
PHENANTHRENE *	14.2		57.9		0.2	J	78.1	
ANTHRACENE *	3	J	59.6		0.2	J	75.5	
C1-PHEN_ANTHR		ND		NA		ND		NA
C2-PHEN_ANTHR	48.4			NA		ND		NA
C3-PHEN_ANTHR		ND		NA		ND		NA
C4-PHEN_ANTHR		ND		NA		ND		NA
DIBENZOTHIO	1.4	J	72.4		0.1	J	71.5	
C1-DIBEN	6.1			NA		ND		NA
C2-DIBEN	19.3			NA		ND		NA
C3-DIBEN	18.7			NA		ND		NA
FLUORANTHENE *	15.3		77		0.2	J	89.3	
PYRENE *	20.1		75		0.2	J	86.1	
C1-FLUORAN_PYR	23.7			NA		ND		NA
BENaANTHRACENE *	0.7	J	101		0	J	97	
CHRYSENE *	6.8		80.6		0.1	J	96.1	
C1-CHRYSENES		ND		NA		ND		NA
C2-CHRYSENES		ND		NA		ND		NA
C3-CHRYSENES		ND		NA		ND		NA
C4-CHRYSENES		ND		NA		ND		NA
BENbFLUORAN	1.4	J	90.1		0.1	J	90.3	
BENkFLUORAN	1.3	J	84.4		0.1	J	96.2	
BENePYRENE *	2.3		95.2		0	J	95.8	
BENaPYRENE *	0.3	J	85.4		0.1	J	86.4	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		VBSP		PROC BLANK		SPIKE BLANK	
SITE:	Vermillion Bay		Vermillion Bay					
LABSAMNO:	Q6342		Q6343		Q6344		Q6345	
SAMPLE TYPE:	DUPLICATE		MS		BLANK		LBS	
PERYLENE *	6.9		111.3		0.2	J	119.9	
I123cdPYRENE	0.4	J	86.2		0.1	J	96.7	
DBahANTHRA *	0.2	J	107		0	J	114.5	
BghiPERYLENE	0.7	J	87.8		0.1	J	93.4	
TOTAL PAH's	296.2		AVG % RECOV		4.2		AVG % RECOV	
(w/o PERYLENE)			88.4				95.1	
S&T Total PAHs (*)	109				5			
2-METHYLNAPH *	6.9		165.7		0.5	J	138.2	
1-METHYLNAPH *	4.3		107.1		0.4	J	102.4	
2,6-DIMETHNAPH *	5.7		74.3		0.7	J	93.2	
2,3,5-TRIMETHNAPH *	4	J	105.6		0.4	J	120.9	Q
1-METHYLPHEN *	2.8	J	72.7		0.1	J	74	
Surrogate Recoveries								
NAPHD8:	63.8		48.3		58.5		65.4	
ACEND10:	62.2		65.4		66.7		67.9	
PHEND10:	59.8		64.1		69		81.2	
CHRYD12:	54.5		51.1		67.8		68.8	
PERYD12:	46		41.3		2.5	Q	57.8	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	MSPB		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Mississippi Sound		MSPB		MSPB		PROC BLANK	
SITE:	Pascagoula Bay		Mississippi Sound		Mississippi Sound			
LABSAMNO:	K7078		Q6346		Q6347		Q6348	
SAMPLE TYPE:	SAMP		DUPLICATE		MS		BLANK	
RECEIPT DATE:	1/10/93		1/10/93		1/10/93			
QCBATCH:	M1234		M1234		M1234		M1235	
EXTRACTION DATE:	9/16/93		9/16/93		9/16/93		9/17/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/28/93		10/28/93		10/28/93		10/30/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/94		8/24/94		8/24/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.34		15.35		15.15			
DRYWT:	1.93		1.94		1.92		10	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	12.60%		12.70%		12.70%			
Lipid Weight:								
TOTAL LIPID:	9.62		10.37		9.26			NA
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	49		53.4		54.6		64.6	
ACEND10:	70.1		67.8		72.7		84.1	
PHEND10:	69.5		70.9		80.4		69.9	
CHRYD12:	64		67.9		62.5		73.5	
PERYD12:	66.1		64.9		70.9		49.1	
PESTICIDES & PCB's:								
DBOFB:	74.4		75		75.1		67	
PCB#103:	82.4		77.8		76.1		63.3	
PCB#198:	77.6		83.7		84.5		70.6	
UNIT:	ng/g		ng/g		%		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL
NAPHTHALENE *	13.9		13.5		76		1.2	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	MSPB		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Mississippi Sound		MSPB		MSPB		PROC BLANK	
SITE:	Pascagoula Bay		Mississippi Sound		Mississippi Sound			
LABSAMNO:	K7078		Q6346		Q6347		Q6348	
SAMPLE TYPE:	SAMP		DUPLICATE		MS		BLANK	
C1-NAPHTHALENES	15.7		14.8			NA	1.8	
C2-NAPHTHALENES	11		25			NA		ND
C3-NAPHTHALENES	23.3		50.4			NA		ND
C4-NAPHTHALENES	55.2		41.1			NA		ND
BIPHENYL *	4.7	J	5.1	J	78.7		0.2	J
ACENAPHTHYLENE	3.4	J	3.4	J	87.2		0.1	J
ACENAPHTHENE *	5.7		6.6		82.8		0.3	J
FLUORENE *	10.5		8.9		85.9		0.2	J
C1-FLUORENES	60.8		16.4			NA		ND
C2-FLUORENES	16.5		52.3			NA		ND
C3-FLUORENES	60.3		118.6			NA		ND
PHENANTHRENE *	25.5		24.5		63.6		0.2	J
ANTHRACENE *	12		13.6		64.1		0.3	J
C1-PHEN_ANTHR	128.8		43.7			NA		ND
C2-PHEN_ANTHR	53.5		78.6			NA		ND
C3-PHEN_ANTHR	78.4		143.8			NA		ND
C4-PHEN_ANTHR		ND	137.4			NA		ND
DIBENZOTHIO	2.8		3.4		70.3		0.1	J
C1-DIBEN	0	ND	22.5			NA		ND
C2-DIBEN	20.2		69.8			NA		ND
C3-DIBEN	60.4		69.6			NA		ND
FLUORANTHENE *	92.1		99.1		60.4		0.1	J
PYRENE *	55.9		60.2		68.7		0.1	J
C1-FLUORAN_PYR	65.4		64.3			NA		ND
BENaANTHRACENE *	19.4		16.8		102.4		0.2	J
CHRYSENE *	21		25.2		85.1		0.4	J
C1-CHRYSENES	62.7		19.8			NA		ND
C2-CHRYSENES	17.2		11.5			NA		ND
C3-CHRYSENES	10.2			ND		NA		ND
C4-CHRYSENES		ND		ND		NA		ND
BENbFLUORAN	6.7		6.8		91.3		0	J
BENkFLUORAN	7.1		7.2		97.4		0	J
BENePYRENE *	6.6		8		94.5		0.1	J
BENaPYRENE *	2	J	1.5	J	87.6		0.1	J

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	MSPB		LAB QA SAMPLE		LAB QA SAMPLE	LAB QA SAMPLE	
ID:	Mississippi Sound		MSPB		MSPB	PROC BLANK	
SITE:	Pascagoula Bay		Mississippi Sound		Mississippi Sound		
LABSAMNO:	K7078		Q6346		Q6347	Q6348	
SAMPLE TYPE:	SAMP		DUPLICATE		MS	BLANK	
PERYLENE *	11.8		14.6		102.6	0.2	J
I123cdPYRENE	1.3		0.9	J	93.8	0.2	
DBahANTHRA *	0.7	J	0.5	J	117	0.1	J
BghiPERYLENE	1.6		1.5		98.2	0.1	J
TOTAL PAH's	1032.2		1286.1		AVG % RECOV	5.7	
(w/o PERYLENE)					89.6		
S&T Total PAHs (*)	327		342			6.7	
2-METHYLNAPH *	9.4		8.7		153.1	0.9	J
1-METHYLNAPH *	6.3		6		107	0.8	
2,6-DIMETHNAPH *	9		7		79.5	0.3	J
2,3,5-TRIMETHNAPH *	9.4		11.2		103.6	0.6	J
1-METHYLPHEN *	11.2		11		88.2	0.4	J
Surrogate Recoveries							
NAPHD8:	49		53.4		54.6	64.6	
ACEND10:	70.1		67.8		72.7	84.1	
PHEND10:	69.5		70.9		80.4	69.9	
CHRYD12:	64		67.9		62.5	73.5	
PERYD12:	66.1		64.9		70.9	49.1	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		TBMK		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	SPIKE BLANK		Tampa Bay		TBMK		SPIKE K7106	
SITE:			Mullet Key Bayou		Tampa Bay		Tampa Bay	
LABSAMNO:	Q6349		K7106		Q6350		Q6351	
SAMPLE TYPE:	LBS		SAMP		DUPLICATE		MS	
RECEIPT DATE:			1/15/93		1/15/93		1/15/93	
QCBATCH:	M1235		M1235		M1235		M1235	
EXTRACTION DATE:	9/17/93		9/17/93		9/17/93		9/17/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/30/93		10/30/93		10/30/93		10/30/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/94		8/22/94		8/24/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:			15.13		15.13		15.12	
DRYWT:	10		3.7		3.81		3.71	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:			24.50%		25.20%		24.50%	
Lipid Weight:								
TOTAL LIPID:		NA	7.45		6.75		7.09	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	67.7		59.9		61.8		53.8	
ACEND10:	77.8		84.1		81.2		66.8	
PHEND10:	88.1		75.4		79.9		87.3	
CHRYD12:	87.6		64.4		77		73.8	
PERYD12:	63.2		65.1		66.1		65.1	
PESTICIDES & PCB's:								
DBOFB:	65.9		80.7		75.9		79.2	
PCB#103:	69.4		60.9		68.6		96.6	
PCB#198:	69.5		61.2		81.5		98.3	
UNIT:	%		ng/g		ng/g		%	
PNA Analyte	% RECOV	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL
NAPHTHALENE *	84.6		5.3		5.6		80	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		TBMK		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	SPIKE BLANK		Tampa Bay		TBMK		SPIKE K7106	
SITE:			Mullet Key Bayou		Tampa Bay		Tampa Bay	
LABSAMNO:	Q6349		K7106		Q6350		Q6351	
SAMPLE TYPE:	LBS		SAMP		DUPLICATE		MS	
C1-NAPHTHALENES		NA	7.6		7.7			NA
C2-NAPHTHALENES		NA	11.9		14.4			NA
C3-NAPHTHALENES		NA	17.3		19.9			NA
C4-NAPHTHALENES		NA	22.5		21.2			NA
BIPHENYL *	79.4		1.9	J	2.1	J	80	
ACENAPHTHYLENE	73.9		0.8	J	0.8	J	87.4	
ACENAPHTHENE *	76.4		9.1		9		81	
FLUORENE *	86		6.9		7.3		90.7	
C1-FLUORENES		NA	5.1	J	9			NA
C2-FLUORENES		NA		ND		ND		NA
C3-FLUORENES		NA		ND		ND		NA
PHENANTHRENE *	69.5		26.7		26.6		47.5	
ANTHRACENE *	93.4		7.4		6.6		66.5	
C1-PHEN_ANTHR		NA	39.5			ND		NA
C2-PHEN_ANTHR		NA	22.7			ND		NA
C3-PHEN_ANTHR		NA		ND		ND		NA
C4-PHEN_ANTHR		NA		ND		ND		NA
DIBENZOTHIO	49.9		1.8		1.4		57.6	
C1-DIBEN		NA	3.5		3.5			NA
C2-DIBEN		NA	5.8		7.1			NA
C3-DIBEN		NA		ND	5.5			NA
FLUORANTHENE *	72.8		56.4		53.9		43.8	
PYRENE *	71.5		30.7		28.4		50	
C1-FLUORAN_PYR		NA	22.2		19.2			NA
BENaANTHRACENE *	71.5		9		9.1		76.9	
CHRYSENE *	71.5		10.8		7.5		61.9	
C1-CHRYSENES		NA		ND		ND		NA
C2-CHRYSENES		NA		ND		ND		NA
C3-CHRYSENES		NA		ND		ND		NA
C4-CHRYSENES		NA		ND		ND		NA
BENbFLUORAN	70.4		2.9		2.6		69.8	
BENkFLUORAN	71.1		3		2.5		74.4	
BENePYRENE *	71.2		3.3		2.9		70.6	
BENaPYRENE *	62.5		0.6	J	0.8	J	66.9	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE	TBMK		LAB QA SAMPLE		LAB QA SAMPLE
ID:	SPIKE BLANK	Tampa Bay		TBMK		SPIKE K7106
SITE:		Mullet Key Bayou		Tampa Bay		Tampa Bay
LABSAMNO:	Q6349	K7106		Q6350		Q6351
SAMPLE TYPE:	LBS	SAMP		DUPLICATE		MS
PERYLENE *	87.7	0.5	J	0.6	J	88.9
I123cdPYRENE	60.8	0.7		0.5		72
DBahANTHRA *	71.4	0.3	J	0.4	J	90.1
BghiPERYLENE	62.2	0.9		0.9		69.5
TOTAL PAH's	AVG % RECOV	336.3		276.1		AVG % RECOV
(w/o PERYLENE)	77.4					77.1
S&T Total PAHs (*)		187.2		179		
2-METHYLNAPH *	132.1	4.4		4.1		142.4
1-METHYLNAPH *	92.1	3.3		3.6		102.4
2,6-DIMETHNAPH *	85.3	4.5		4.3		83.3
2,3,5-TRIMETHNAPH *	99.9	3.2		2.6	J	105.9
1-METHYLPHEN *	68.2	3.2		3.6		67.3
Surrogate Recoveries						
NAPHD8:	67.7	59.9		61.8		53.8
ACEND10:	77.8	84.1		81.2		66.8
PHEND10:	88.1	75.4		79.9		87.3
CHRYD12:	87.6	64.4		77		73.8
PERYD12:	63.2	65.1		66.1		65.1

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		VBSP		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK		Vermillion Bay		VBSP	
SITE:					Southwest Pass		Vermillion Bay	
LABSAMNO:	Q6439		Q6440		K7046		Q6441	
SAMPLE TYPE:	BLANK		LBS		SAMP		DUPLICATE	
RECEIPT DATE:					1/6/93		1/6/93	
QCBATCH:	M1243		M1243		M1233		M1243	
EXTRACTION DATE:	11/11/93		11/11/93		11/11/93		11/11/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	12/22/93		12/22/93		12/23/93		12/22/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:								
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:					15.08		15.13	
DRYWT:	10		10		1.78		1.72	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:					11.80%		11.30%	
Lipid Weight:								
TOTAL LIPID:		NA		NA	11.01		11.58	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
Surrogate Recoveries								
PAH's:								
NAPHD8:	71.2		62		58.4		71.2	
ACEND10:	52.9		64		57		65.8	
PHEND10:	66.9		67.9		70.7		72.7	
CHRYD12:	55.3		56.1		69.1		73.9	
PERYD12:	23.2		36.2		60.6		60.8	
PESTICIDES & PCB's:								
DBOFB:		NA		NA		NA		NA
PCB#103:		NA		NA		NA		NA
PCB#198:		NA		NA		NA		NA
UNIT:	ng/g		%		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
NAPHTHALENE *	1.2		73.1		15.6		14.6	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		VBSP		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK		Vermillion Bay		VBSP	
SITE:					Southwest Pass		Vermillion Bay	
LABSAMNO:	Q6439		Q6440		K7046		Q6441	
SAMPLE TYPE:	BLANK		LBS		SAMP		DUPLICATE	
C1-NAPHTHALENES	1.4	J		NA	17.2		14.7	
C2-NAPHTHALENES		ND		NA	20		20.8	
C3-NAPHTHALENES		ND		NA	23.3		28.5	
C4-NAPHTHALENES		ND		NA	37.3		25.7	
BIPHENYL *	0.9	J	72.7		6.3	J	6.9	J
ACENAPHTHYLENE	0.1	J	69.8		2	J	2	J
ACENAPHTHENE *	0.2	J	66.5		3	J	3.8	J
FLUORENE *	0.6	J	73.8		7.2		6.3	J
C1-FLUORENES		ND		NA	13.9		14.4	
C2-FLUORENES		ND		NA	56.4		44.5	
C3-FLUORENES		ND		NA	67		111.8	
PHENANTHRENE *	0.5		77.8		19.8		19	
ANTHRACENE *	0.3	J	88.2		3	J	3	J
C1-PHEN_ANTHR		ND		NA	21.3		24.2	
C2-PHEN_ANTHR		ND		NA	44		33.1	
C3-PHEN_ANTHR		ND		NA	82.6		84.8	
C4-PHEN_ANTHR		ND		NA	71		78.7	
DIBENZOTHIO	0.2	J	65.4		1.5	J	2.4	
C1-DIBEN		ND		NA	6.4		5.4	
C2-DIBEN		ND		NA	13.9		17.6	
C3-DIBEN		ND		NA	14.5		15.4	
FLUORANTHENE *	0.1	J	75.6		15.5		17.4	
PYRENE *	0.1	J	74.4		20.8		23.5	
C1-FLUORAN_PYR		ND		NA	22.9		21.5	
BENaANTHRACENE *	0.2	J	73.1		1.8		1.6	J
CHRYSENE *	0.2	J	79.8		8.1		7.6	
C1-CHRYSENES		ND		NA	4.7	J	4.4	J
C2-CHRYSENES		ND		NA	9.1		9.3	
C3-CHRYSENES		ND		NA		ND		ND
C4-CHRYSENES		ND		NA		ND		ND
BENbFLUORAN	0.1	J	58		1.1	J	1.1	J
BENkFLUORAN	0.1	J	58.2		1.1	J	1.1	J
BENePYRENE *	0.1	J	60.1		2.3		1.9	
BENaPYRENE *	0.1	J	58		1.2	J	1.4	J

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE	VBSP		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK	Vermillion Bay		VBSP	
SITE:				Southwest Pass		Vermillion Bay	
LABSAMNO:	Q6439		Q6440	K7046		Q6441	
SAMPLE TYPE:	BLANK		LBS	SAMP		DUPLICATE	
PERYLENE *	0.7		113.7	6.4		6.7	
I123cdPYRENE	0.4		56.7	0.7	J	0.6	J
DBahANTHRA *	0.4	J	81.6	2.1	J	1.4	J
BghiPERYLENE	0.1	J	68.9	1.1	J	0.4	J
TOTAL PAH's (w/o PERYLENE)	7.4		AVG % RECOV 74.1	639.6		670.1	
S&T Total PAHs (*)	8.5			146.2		146.9	
2-METHYLNAPH *	0.8	J	111.8	8.9		7.2	
1-METHYLNAPH *	0.6	J	79.3	8.3		7.5	
2,6-DIMETHNAPH *	0.5	J	73.8	6.4		8.1	
2,3,5-TRIMETHNAPH *	0.6	J	75.6	4.2	J	4.7	J
1-METHYLPHEN *	0.3	J	66.2	5.3		4.6	J
Surrogate Recoveries							
NAPHD8:	71.2		62	58.4		71.2	
ACEND10:	52.9		64	57		65.8	
PHEND10:	66.9		67.9	70.7		72.7	
CHRYD12:	55.3		56.1	69.1		73.9	
PERYD12:	23.2		36.2	60.6		60.8	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		G.E.R.G.		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		STD		GERG STD CHK		GERG STD CHK	
SITE:	Vermillion Bay		CHK					
LABSAMNO:	Q6442		RUNNING		W9670		W9685	
SAMPLE TYPE:	MS		AVERAGE		REF		REF	
RECEIPT DATE:	1/6/93							
QCBATCH:	M1243				M1232		M1233	
EXTRACTION DATE:	11/11/93							
METHOD:	GCMS				GCMS		GCMS	
ANALYSIS DATE:	12/23/93				10/19/93		10/23/93	
METHOD:	GCECD				GCECD		GCECD	
ANALYSIS DATE:								
MATRIX:	TISSUE		REF		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.06							
DRYWT:	1.72							
WTUNITS:	GRAMS	DRY						
PCTSOLIDS:	11.40%							
Lipid Weight:								
TOTAL LIPID:	12.62					NA		NA
LIPID UNITS:	% DRY				% DRY		% DRY	
VOL:					1		1	
VOLUNITS:	LITERS				AMPOULES		AMPOULES	
Surrogate Recoveries								
PAH's:								
NAPHD8:	69.8			NA		NA		NA
ACEND10:	66.6			NA		NA		NA
PHEND10:	88.7			NA		NA		NA
CHRYD12:	78.6			NA		NA		NA
PERYD12:	56			NA		NA		NA
PESTICIDES & PCB's:								
DBOFB:		NA		NA		NA		NA
PCB#103:		NA		NA		NA		NA
PCB#198:		NA		NA		NA		NA
UNIT:	%		AVERAGE		ng/amp		ng/amp	
PNA Analyte	% RECOV	DB QUAL		DB QUAL	Conc	DB QUAL	Conc	DB QUAL
NAPHTHALENE *	58.4		541.5		582.4		588.4	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		G.E.R.G.		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		STD		GERG STD CHK		GERG STD CHK	
SITE:	Vermillion Bay		CHK					
LABSAMNO:	Q6442		RUNNING		W9670		W9685	
SAMPLE TYPE:	MS		AVERAGE		REF		REF	
C1-NAPHTHALENES		NA	2332.5		2443.6		2378.7	
C2-NAPHTHALENES		NA	2398.5		2373.3		2204.6	
C3-NAPHTHALENES		NA	2066.2		2252.3		2229.3	
C4-NAPHTHALENES		NA	1121.4		1239.8		1207	
BIPHENYL *	72		184.7		190.6		212.7	
ACENAPHTHYLENE	83.6		1.1	J	0.2	J	1.6	J
ACENAPHTHENE *	76.5		18.1	J	18.7	J	19.7	J
FLUORENE *	84.7		97.1		101.5		88.6	
C1-FLUORENES		NA	257.5		253.8		352.8	
C2-FLUORENES		NA	373.9		384.5		500.9	
C3-FLUORENES		NA	369.4		425.6		457.1	
PHENANTHRENE *	66.4		256.4		243		239.3	
ANTHRACENE *	79.7		4.7	J	9.5	J	6.1	J
C1-PHEN_ANTHR		NA	589.2		653.7		590.7	
C2-PHEN_ANTHR		NA	669.6		793		769.2	
C3-PHEN_ANTHR		NA	554.3		613.2		589.1	
C4-PHEN_ANTHR		NA	301		340.2		420.4	
DIBENZOTHIO	63.9		150.4		151.9		123.9	
C1-DIBEN		NA	439.3		306.4		920.5	
C2-DIBEN		NA	452.6		490.8		484.6	
C3-DIBEN		NA	378.3		424.6		412.7	
FLUORANTHENE *	75.6		8.8	J	4.6	J	17	J
PYRENE *	71.4		19.7	J	16.4	J	27.3	
C1-FLUORAN_PYR		NA	87.8		77.9		99.6	
BENaANTHRACENE *	81.5		10.9	J	9.8	J	31.6	
CHRYSENE *	76.6		53		46		60.9	
C1-CHRYSENES		NA	136.5		94		315.3	
C2-CHRYSENES		NA	185.9		137.7		432.9	
C3-CHRYSENES		NA	39.1		32.2		100.2	
C4-CHRYSENES		NA	48.4		13	J	62.8	
BENbFLUORAN	59.4		6.2	J	3.2	J	16.9	J
BENkFLUORAN	59.6		6.2	J	4	J	15.8	J
BENePYRENE *	61.9		13.2	J	13	J	21.3	
BENaPYRENE *	70.9		4.3	J	2.3	J	11.3	J

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		G.E.R.G.		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		STD		GERG STD CHK		GERG STD CHK	
SITE:	Vermillion Bay		CHK					
LABSAMNO:	Q6442		RUNNING		W9670		W9685	
SAMPLE TYPE:	MS		AVERAGE		REF		REF	
PERYLENE *	105.1		3.5	J	4.3	J	6.8	J
I123cdPYRENE	80.1		2.3	J	1.4	J	5.3	J
DBahANTHRA *	122.8	Q	2	J	1.4	J	2.4	J
BghiPERYLENE	87.6		4.5	J	4.6	J	5.5	J
TOTAL PAH's	AVG % RECOV		14186.3		14753.6		16023.6	
(w/o PERYLENE)	78							
S&T Total PAHs (*)			4894.9		5084.7		5149.2	
2-METHYLNAPH *	105.1		1281.7		1345.9		1307	
1-METHYLNAPH *	72.4		1050.8		1097.7		1071.7	
2,6-DIMETHNAPH *	80.9		753.7		767.5		807.3	
2,3,5-TRIMETHNAPH *	90.7		430.1		451.3		501.1	
1-METHYLPHEN *	62.4		160.7		179		128.7	
Surrogate Recoveries								
NAPHD8:	69.8			NA		NA		NA
ACEND10:	66.6			NA		NA		NA
PHEND10:	88.7			NA		NA		NA
CHRYD12:	78.6			NA		NA		NA
PERYD12:	56			NA		NA		NA

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	GERG STD CHK		GERG STD CHK		GERG STD CHK	
SITE:						
LABSAMNO:	W9728		W9750		W0061	
SAMPLE TYPE:	REF		REF		REF	
RECEIPT DATE:						
QCBATCH:	M1234		M1235		M1243	
EXTRACTION DATE:			9/17/93			
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/28/93		10/30/93		12/22/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:						
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
WETWT:						
DRYWT:						
WTUNITS:						
PCTSOLIDS:						
Lipid Weight:						
TOTAL LIPID:		NA		NA		NA
LIPID UNITS:	% DRY		% DRY		% DRY	
VOL:	1		1		1	
VOLUNITS:	AMPOULES		AMPOULES		AMPOULES	
Surrogate Recoveries						
PAH's:						
NAPHD8:		NA		NA		NA
ACEND10:		NA		NA		NA
PHEND10:		NA		NA		NA
CHRYD12:		NA		NA		NA
PERYD12:		NA		NA		NA
PESTICIDES & PCB's:						
DBOFB:		NA		NA		NA
PCB#103:		NA		NA		NA
PCB#198:		NA		NA		NA
UNIT:	ng/amp		ng/amp		ng/amp	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
NAPHTHALENE *	530.9		549.5		456.1	

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	GERG STD CHK		GERG STD CHK		GERG STD CHK	
SITE:						
LABSAMNO:	W9728		W9750		W0061	
SAMPLE TYPE:	REF		REF		REF	
C1-NAPHTHALENES	2492		2580.1		1768.1	
C2-NAPHTHALENES	2799.2		2839.7		1775.6	
C3-NAPHTHALENES	2250.3		2254.7		1344.4	
C4-NAPHTHALENES	1173.1		1235.4		751.7	
BIPHENYL *	174.7		179.3		166.1	
ACENAPHTHYLENE	1	J	1.1	J	1.6	J
ACENAPHTHENE *	18.1	J	17.6	J	16.5	J
FLUORENE *	100.6		93.1		101.8	
C1-FLUORENES	218.3		228.5		234	
C2-FLUORENES	310.4		350.5		323	
C3-FLUORENES	306		322.2		336.4	
PHENANTHRENE *	269		263.9		266.9	
ANTHRACENE *	0	J	3.5	J	4.3	J
C1-PHEN_ANTHR	565		568.4		568.1	
C2-PHEN_ANTHR	577.6		585.5		622.6	
C3-PHEN_ANTHR	534.3		544.7		490.5	
C4-PHEN_ANTHR	233.8		264.7		245.9	
DIBENZOTHIO	164		158.5		153.6	
C1-DIBEN	339.4		323.3		306.8	
C2-DIBEN	440		447.3		400.1	
C3-DIBEN	351.1		378.9		324.5	
FLUORANTHENE *	6.7	J	9.2	J	6.2	J
PYRENE *	22.5		19.7	J	12.8	J
C1-FLUORAN_PYR	91.6		83		86.8	
BENaANTHRACENE *	3.6	J	3.9	J	5.7	J
CHRYSENE *	45.4		53.1		59.9	
C1-CHRYSENES	101.6		96.9		74.5	
C2-CHRYSENES	145.7		120.7		92.4	
C3-CHRYSENES	29.7		22		11.6	J
C4-CHRYSENES	70.3		82.2		13.8	J
BENbFLUORAN	4	J	4	J	2.8	J
BENkFLUORAN	4.3	J	4.2	J	2.8	J
BENePYRENE *	10.9	J	10.8	J	10.1	J
BENaPYRENE *	3.3	J	2.1	J	2.6	J

Mussel Watch Project Year 8 - Aromatic QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	GERG STD CHK		GERG STD CHK		GERG STD CHK	
SITE:						
LABSAMNO:	W9728		W9750		W0061	
SAMPLE TYPE:	REF		REF		REF	
PERYLENE *	2.1	J	1.9	J	2.5	J
I123cdPYRENE	2.1	J	0.4	J	2.4	J
DBahANTHRA *	2	J	2.6	J	1.6	J
BghiPERYLENE	4.1	J	3.3	J	5.1	J
TOTAL PAH's (w/o PERYLENE)	14396.5		14708.3		11049.4	
S&T Total PAHs (*)	4977.9		5158.5		4104.2	
2-METHYLNAPH *	1367.5		1425.1		962.8	
1-METHYLNAPH *	1124.5		1155.1		805.3	
2,6-DIMETHNAPH *	712.6		745.1		735.8	
2,3,5-TRIMETHNAPH *	426.7		429.2		342.1	
1-METHYLPHEN *	156.8		194		145.2	
Surrogate Recoveries						
NAPHD8:		NA		NA		NA
ACEND10:		NA		NA		NA
PHEND10:		NA		NA		NA
CHRYD12:		NA		NA		NA
PERYD12:		NA		NA		NA

Pesticides and PCBs Data

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	LMSB		CCNB		ABLR		MBAR		SAPP	
ID:	L. Laguna Madre		Corpus Christi		Aransas Bay		Mesquite Bay		San Antonio Bay	
SITE:	South Bay		Ingleside Cove		Long Reef		Ayres Reef		Mosquito Point	
LABSAMNO:	K7030		K7024		K7034		K7032		K7042	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
RECEIPT DATE:	12/17/92		12/16/92		12/17/92		12/17/92		12/17/92	
QCBATCH:	M1232		M1232		M1233		M1232		M1233	
EXTRACTION DATE:	9/14/93		9/14/93		11/11/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/20/93		10/20/93		12/23/93		10/20/93		10/24/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/30/94		7/30/94		8/23/94		7/30/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15.48		15		15.17		15.51		4.65	
DRYWT:	2		2.66		2.52		3.31		0.96	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	12.90%		17.80%		16.60%		21.40%		20.70%	
Lipid Weight:										
TOTAL LIPID:	3.04		7.56		9.26		9.52		12.66	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
DBOFB:	73.8		78		75		74.3		68.3	
PCB#103:	76.9		79.3		82.9		76.3		69.4	
PCB#198:	70.1		77.7		83.7		75.8		67.6	
TOTAL BHCs	0.3	J	1.2	J	1.2	J	1.5		4	J
TOT CHLORDANES (ALL)	0.3		3.8		2.9		1.1		3.8	
TOT CHLORDANES (S&T)	0.1	J	1.6		1.7		0.4	J	2.1	J
TOTAL DDTs	2.7	J	11.7		17		3.8		5.1	J
TOTAL PCBs (S&T)	12.9	J	31		23.7	J	17.5	J	21.9	J
ALPHA-BHC	0.2	J	0.7		1.2		0.9		2	
HCB	0	J	0	J	0.1	J	0	J	0.2	J
BETA-BHC	0.1	J	0.5		0	ND	0.1	J	0	ND
GAMMA-BHC	0.1	J	0	ND	0	ND	0.5		2	
DELTA-BHC	0.1	J	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0	ND	0.1	J	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	LMSB		CCNB		ABLR		MBAR		SAPP	
ID:	L. Laguna Madre		Corpus Christi		Aransas Bay		Mesquite Bay		San Antonio Bay	
SITE:	South Bay		Ingleside Cove		Long Reef		Ayres Reef		Mosquito Point	
LABSAMNO:	K7030		K7024		K7034		K7032		K7042	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
HEPTA-EPOXIDE *	0	ND	0.2	J	0.4		0.2	J	0.7	J
OXYCHLORDANE	0	J	0.1	J	0.2	J	0.1	J	0.1	J
GAMMA-CHLORDANE	0.1	J	1.1		0.5		0.4		0.8	J
ALPHA-CHLORDANE *	0.1	J	0.7		0.5		0	ND	0.9	J
TRANS-NONACHLOR *	0	J	0.6		0.7		0.2	J	0.6	J
CIS-NONACHLOR	0.1	J	1		0.4		0.3	J	0.7	J
ALDRIN	0	ND	0	ND	0	ND	0	ND	0	ND
DIELDRIN	0.1	J	0.3	J	1.3		0.4		1.5	
ENDRIN	0	ND	0	ND	0.2	J	0	ND	0	ND
MIREX	0	ND	0	J	0	ND	0	J	0	ND
2,4'DDE (O,P'DDE)	0	J	0	J	0	ND	0.2	J	0	ND
4,4'DDE (P,P'DDE)	2.4		10		14.9		3		4.2	
2,4'DDD (O,P'DDD)	0	J	0.1	J	0	J	0	J	0	ND
4,4'DDD (P,P'DDD)	0.1	J	1.1		0.8		0.4		0	ND
2,4'DDT (O,P'DDT)	0.1	J	0.3	J	0.1	J	0.1	J	0	ND
4,4'DDT (P,P'DDT)	0.1	J	0.1	J	1		0.1	J	0.9	J
PCB # (CLORINATION)										
NOAA S&T PCBs										
8 (CL2)	0	ND	0.2	J	0	ND	0	ND	0	ND
18 (CL3)	0	J	0.2	J	0	ND	0.2	J	0	ND
28 (CL3)	1.1		0	ND	0.1	J	0.6	J	0.4	J
44 (CL4)	0	ND	0	J	0.6	J	0.7		0	ND
52 (CL4)	0.7	J	1		0.3	J	0.7		0	ND
66 (CL4)	0.6	J	0.3	J	0.8		1.2		0	ND
101 (CL5)	0.1	J	0.8		0.3	J	0	ND	0	ND
105 (CL5)	0	J	0.1	J	0.3	J	0	ND	0.3	J
110/77 (CL5/4)	0	J	0.5	J	0	ND	0.2	J	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	LMSB		CCNB		ABLR		MBAR		SAPP	
ID:	L. Laguna Madre		Corpus Christi		Aransas Bay		Mesquite Bay		San Antonio Bay	
SITE:	South Bay		Ingleside Cove		Long Reef		Ayres Reef		Mosquito Point	
LABSAMNO:	K7030		K7024		K7034		K7032		K7042	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
118/108/149(CL5/5/6)	0.1	J	0.9		1.4		0.1	J	0.5	J
128 (CL6)	0	J	0.3	J	0	ND	0.1	J	0.5	J
138 (CL6)	0.7	J	2.6		3.1		1.3		2.7	
126 (CL5)	0	ND	0	ND	0	ND	0	ND	0	ND
153 (CL6)	0.6	J	3.8		3.4		0.6	J	3.5	
170 (CL7)	0.7	J	0.5	J	0	ND	0.3	J	0.9	J
180 (CL7)	0.1	J	1.2		0	ND	0.1	J	0	ND
187/182/159(CL7/7/6)	0.1	J	1.3		0.9		0.3	J	0.8	J
195 (CL8)	0.2	J	0.3	J	0	ND	0.8		0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries										
DBOFB%:	73.8		78		75		74.3		68.3	
PCB#103%:	76.9		79.3		82.9		76.3		69.4	
PCB#198%:	70.1		77.7		83.7		75.8		67.6	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	ESBD		MBGP		MBLR		MBCB	
ID:	Espiritu Santo		Matagorda Bay		Matagorda Bay		Matagorda Bay	
SITE:	Bill Day's Reef		Gallinipper Point		Lavaca River Mouth		Carancahua Bay	
LABSAMNO:	K7044		K7036		K7038		K7040	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/18/92		12/18/92		12/17/92		12/18/92	
QCBATCH:	M1233		M1233		M1233		M1233	
EXTRACTION DATE:	9/14/93		9/14/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/24/93		10/24/93		10/24/93		10/24/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/94		8/23/94		8/23/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.14		15.28		15.3		15.06	
DRYWT:	2.07		2.2		2.26		2.19	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	13.60%		14.40%		14.80%		14.50%	
Lipid Weight:								
TOTAL LIPID:	4.99		5.53		5.02		9.78	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	79.1		80.2		76.8		72.2	
PCB#103:	84.1		85.3		83.8		73.7	
PCB#198:	79.3		85.7		77.3		82.4	
TOTAL BHCs	0.8	J	0.9	J	0.9	J	1.3	J
TOT CHLORDANES (ALL)	1.1		5		3.5		6.9	
TOT CHLORDANES (S&T)	0.7	J	2.6		2		3.9	
TOTAL DDTs	9.5		31.3		9		25.6	
TOTAL PCBs (S&T)	10.3	J	35.6	J	45.6		32.6	J
ALPHA-BHC	0.8		0.9		0.9		1.3	
HCB	0.1	J	0.1	J	0.1	J	0.1	J
BETA-BHC	0	ND	0	ND	0	ND	0	ND
GAMMA-BHC	0	ND	0	ND	0	ND	0	ND
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0	ND	0	ND	0.1	J

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	ESBD		MBGP		MBLR		MBCB	
ID:	Espiritu Santo		Matagorda Bay		Matagorda Bay		Matagorda Bay	
SITE:	Bill Day's Reef		Gallinipper Point		Lavaca River Mouth		Carancahua Bay	
LABSAMNO:	K7044		K7036		K7038		K7040	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0	ND	0.4	J	0.2	J	0.7	
OXYCHLORDANE	0	ND	0.1	J	0.1	J	0.2	J
GAMMA-CHLORDANE	0.3	J	1		0.7		1.3	
ALPHA-CHLORDANE *	0.4	J	0.9		0.9		1.6	
TRANS-NONACHLOR *	0.3	J	1.3		0.9		1.6	
CIS-NONACHLOR	0.2	J	1.3		0.7		1.5	
ALDRIN	0	ND	0	ND	0	ND	0	ND
DIELDRIN	0.9		1.3		0.8		2	
ENDRIN	0	ND	0	ND	0	ND	0	ND
MIREX	0	ND	0.3	J	0	ND	0.4	J
2,4'DDE (O,P'DDE)	0.1	J	0.2	J	0	ND	0.2	J
4,4'DDE (P,P'DDE)	7.5		26.2		7		19.2	
2,4'DDD (O,P'DDD)	0	ND	0.6		0.3	J	0.3	J
4,4'DDD (P,P'DDD)	0.7		2.4		1.2		3.9	
2,4'DDT (O,P'DDT)	0.2	J	0.3	J	0	ND	0.6	
4,4'DDT (P,P'DDT)	1.1		1.6		0.5		1.4	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	0	ND	0	ND
18 (CL3)	0	ND	0	ND	0.2	J	0.2	J
28 (CL3)	0.2	J	0.5	J	0.5	J	0.4	J
44 (CL4)	0	ND	0.8	J	1.1		0	ND
52 (CL4)	0	ND	1.2		2.4		0.9	J
66 (CL4)	0	ND	0	ND	1.2		0	ND
101 (CL5)	0.3	J	1.7		2.1		1	
105 (CL5)	0.1	J	0.4	J	0.9		0.4	J
110/77 (CL5/4)	0	ND	0.2	J	1.9		0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	ESBD		MBGP		MBLR		MBCB	
ID:	Espiritu Santo		Matagorda Bay		Matagorda Bay		Matagorda Bay	
SITE:	Bill Day's Reef		Gallinipper Point		Lavaca River Mouth		Carancahua Bay	
LABSAMNO:	K7044		K7036		K7038		K7040	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	0.3	J	1.8		2.1		0.8	J
128 (CL6)	0	ND	0	ND	0	ND	2.3	
138 (CL6)	1.4		4.5		4.3		5.6	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	1.1		3.4		3.6		2.1	
170 (CL7)	0.4	J	0	ND	0	ND	0	ND
180 (CL7)	0	ND	0.5	J	0	ND	0	ND
187/182/159(CL7/7/6)	0.3	J	2		1.6		1.1	
195 (CL8)	0	ND	0	ND	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	79.1		80.2		76.8		72.2	
PCB#103%:	84.1		85.3		83.8		73.7	
PCB#198%:	79.3		85.7		77.3		82.4	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MBTP		MBEM		BRCL		BRFS	
ID:	Matagorda Bay		Matagorda Bay		Brazos River		Brazos River	
SITE:	Tres Palacios Bay		East Matagorda		Cedar Lakes		Freeport Surfside	
LABSAMNO:	K7026		K7028		K7002		K7000	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/16/92		12/16/92		12/9/92		12/9/92	
QCBATCH:	M1232		M1232		M1232		M1232	
EXTRACTION DATE:	9/14/93		9/14/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/20/93		10/20/93		10/19/93		10/19/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/30/94		7/30/94		7/29/94		7/29/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.36		15.24		15.13		15.28	
DRYWT:	2.57		2.73		1.79		2.69	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	16.70%		17.90%		11.80%		17.60%	
Lipid Weight:								
TOTAL LIPID:	8.2		7.34		3.85		6.69	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	73.9		76.3		75.5		80.7	
PCB#103:	77.2		79.8		79.3		79.1	
PCB#198:	75		79.9		78		84.2	
TOTAL BHCs	1.6		1.6		1.2	J	2.1	
TOT CHLORDANES (ALL)	4		2.4		3.8		11.6	
TOT CHLORDANES (S&T)	1.4	J	1.2	J	1.7	J	4.8	
TOTAL DDTs	56.1		7.2		65.1		292	
TOTAL PCBs (S&T)	35.3		11.7	J	46.1		189.9	
ALPHA-BHC	0.9		0.8		0.4	J	0.8	
HCB	0	J	0	J	0.4	J	1.2	
BETA-BHC	0.5		0.4		0	ND	0.3	J
GAMMA-BHC	0.2	J	0.3	J	0.7		0.9	
DELTA-BHC	0.1	J	0	J	0	ND	0	ND
HEPTACHLOR *	0	J	0	J	0.1	J	0.3	J

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MBTP		MBEM		BRCL		BRFS	
ID:	Matagorda Bay		Matagorda Bay		Brazos River		Brazos River	
SITE:	Tres Palacios Bay		East Matagorda		Cedar Lakes		Freeport Surfside	
LABSAMNO:	K7026		K7028		K7002		K7000	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.1	J	0.1	J	0.1	J	0.5	
OXYCHLORDANE	0.1	J	0.1	J	0	J	0.3	J
GAMMA-CHLORDANE	1.1		0.7		1.1		3.5	
ALPHA-CHLORDANE *	0.5		0.7		0.7		2	
TRANS-NONACHLOR *	0.7		0.4		0.8		2	
CIS-NONACHLOR	1.4		0.4		1		2.9	
ALDRIN	0	ND	0	ND	0	ND	0.5	
DIELDRIN	0	ND	0	ND	0.6		3.5	
ENDRIN	0	ND	0.1	J	0	ND	0	ND
MIREX	0.4	J	0	J	0.7		5.4	
2,4'DDE (O,P'DDE)	0.4		0.1	J	0.2	J	0.8	
4,4'DDE (P,P'DDE)	48.6		6		60		277.2	
2,4'DDD (O,P'DDD)	0.5		0	J	0.6	J	1.8	
4,4'DDD (P,P'DDD)	4.7		0.7		2.7		9.8	
2,4'DDT (O,P'DDT)	0.8		0.2	J	0.8		1.1	
4,4'DDT (P,P'DDT)	1.1		0.1	J	0.9		1.3	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0.1	J	0	ND	0.1	J	0.6	J
18 (CL3)	0.1	J	0.2	J	0	ND	0	ND
28 (CL3)	0	ND	0	J	0.1	J	0.2	J
44 (CL4)	0	ND	0	ND	0.3	J	1.4	
52 (CL4)	0.6	J	0.3	J	2.1		25.3	
66 (CL4)	0.1	J	0	ND	0.3	J	0.9	
101 (CL5)	0.4	J	0.3	J	1.5		7.6	
105 (CL5)	0.1	J	0	J	0	ND	1.3	
110/77 (CL5/4)	0.2	J	0.2	J	1.6		7.8	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MBTP		MBEM		BRCL		BRFS	
ID:	Matagorda Bay		Matagorda Bay		Brazos River		Brazos River	
SITE:	Tres Palacios Bay		East Matagorda		Cedar Lakes		Freeport Surfside	
LABSAMNO:	K7026		K7028		K7002		K7000	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	0.2	J	0.1	J	1.3		9.9	
128 (CL6)	3.1		0.2	J	2.1		5.3	
138 (CL6)	6.5		1.3		5.4		15.4	
126 (CL5)	0	ND	0	ND	0	ND	5	
153 (CL6)	1.7		0.8		4.8		13.2	
170 (CL7)	0.4	J	0.4	J	0	ND	0	ND
180 (CL7)	0.2	J	0.3	J	0.8	J	3.7	
187/182/159(CL7/7/6)	1.3		0.2	J	0.9	J	2.8	
195 (CL8)	0.2	J	0.1	J	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0.1	J
Surrogate Recoveries								
DBOFB%:	73.9		76.3		75.5		80.7	
PCB#103%:	77.2		79.8		79.3		79.1	
PCB#198%:	75		79.9		78		84.2	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	GBCR		GBOB		GBTD		GBYC		GBSC	
ID:	Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay	
SITE:	Confederate Reef		Offats Bayo		Todd's Dump		Yacht Club		Ship Channel	
LABSAMNO:	K7006		K7010		K7012		K7004		K7008	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
RECEIPT DATE:	12/10/92		12/10/92		12/11/92		12/10/92		12/10/92	
QCBATCH:	M1232		M1232		M1232		M1232		M1232	
EXTRACTION DATE:	9/14/93		9/14/93		9/14/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/19/93		10/19/93		10/20/93		10/19/93		10/19/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/29/94		7/30/94		7/30/94		7/29/94		7/30/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15.02		15.1		15.46		15.69		15	
DRYWT:	1.97		2.77		2.59		2.85		3.13	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	13.10%		18.40%		16.70%		18.10%		20.80%	
Lipid Weight:										
TOTAL LIPID:	5.39		8.38		8.82		8.38		11.56	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
DBOFB:	77.7		78		78.5		73.4		74.8	
PCB#103:	83.5		79.5		81.1		75.4		54.4	
PCB#198:	79.4		79.1		82.6		75.8		75.1	
TOTAL BHCs	1.5	J	2.5		6.6		9.5		18.4	
TOT CHLORDANES (ALL)	4.6		207.6		12.1		36.5		129.9	
TOT CHLORDANES (S&T)	1.9	J	117.6		6		20.7		74.9	
TOTAL DDTs	5.9		49.8		10		26.2		107.1	
TOTAL PCBs (S&T)	50.2		195.9		64.8		162.7		760.4	
ALPHA-BHC	0.6		0.6		1.8		2.4		4.7	
HCB	0	J	0	J	0	J	0	J	0	ND
BETA-BHC	0.3	J	0.6		1.8		2.9		6.3	
GAMMA-BHC	0.4	J	1.2		2.3		3.1		5.8	
DELTA-BHC	0.2	J	0.1	J	0.7		1.1		1.5	
HEPTACHLOR *	0	J	1		0	J	0.1	J	0.8	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	GBCR		GBOB		GBTD		GBYC		GBSC	
ID:	Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay	
SITE:	Confederate Reef		Offats Bayo		Todd's Dump		Yacht Club		Ship Channel	
LABSAMNO:	K7006		K7010		K7012		K7004		K7008	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
HEPTA-EPOXIDE *	0.1	J	3.7		2.4		6.9		20.8	
OXYCHLORDANE	0.1	J	3.5		0.4		1		2.7	
GAMMA-CHLORDANE	1.4		58.2		3.2		10		35.5	
ALPHA-CHLORDANE *	1.1		57.9		1.8		8		30.5	
TRANS-NONACHLOR *	0.7		55		1.7		5.8		22.8	
CIS-NONACHLOR	1.1		28.2		2.4		4.8		16.8	
ALDRIN	0	ND	0	J	0	ND	0	ND	0	ND
DIELDRIN	0.5	J	9.7		3.8		9.3		30.3	
ENDRIN	0	ND	0	J	0	ND	0	ND	0	ND
MIREX	0	ND	0.2	J	0.1	J	0.4		0.3	
2,4'DDE (O,P'DDE)	0.1	J	0.1	J	0.1	J	0.3	J	1.1	
4,4'DDE (P,P'DDE)	3.9		32.5		5.8		13.8		57.9	
2,4'DDD (O,P'DDD)	0.1	J	0.8		0.4		1.2		5.1	
4,4'DDD (P,P'DDD)	1.4		11.1		3		9.5		37.5	
2,4'DDT (O,P'DDT)	0.3	J	1.1		0.4	J	0.8		2.9	
4,4'DDT (P,P'DDT)	0.1	J	4.3		0.3	J	0.6		2.7	
PCB # (CLORINATION)										
NOAA S&T PCBs										
8 (CL2)	0.3	J	0.8		0	ND	0	ND	0	ND
18 (CL3)	0	ND	1.1		0.2	J	1.2		7.5	
28 (CL3)	0.1	J	1.9		0.6	J	2.6		12.7	
44 (CL4)	0.2	J	10.8		2.2		7.2		26.8	
52 (CL4)	1.3		10.1		2.6		10.4		45.1	
66 (CL4)	0.2	J	2.4		0.5	J	1.5		8	
101 (CL5)	2.5		11.8		2.7		9		49.8	
105 (CL5)	0.4	J	2.1		0.5	J	3.5		18.1	
110/77 (CL5/4)	1.6		14.2		2.5		8		63.8	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	GBCR		GBOB		GBTD		GBYC		GBSC	
ID:	Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay		Galveston Bay	
SITE:	Confederate Reef		Offats Bayo		Todd's Dump		Yacht Club		Ship Channel	
LABSAMNO:	K7006		K7010		K7012		K7004		K7008	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
118/108/149(CL5/5/6)	1.9		11.8		2.4		6.1		37.8	
128 (CL6)	0.2	J	0.8		0.3	J	0.7	J	3.1	
138 (CL6)	4.2		9.3		4.8		8.7		39	
126 (CL5)	0	ND	0	ND	0	ND	0	ND	0	ND
153 (CL6)	7.1		12.9		7.9		14.2		55.2	
170 (CL7)	0.9	J	0.5	J	0.8	J	0.3	J	0	ND
180 (CL7)	0.8	J	6.6		0.6	J	2.6		8.6	
187/182/159(CL7/7/6)	2		2.3		2.4		3.4		8	
195 (CL8)	0	ND	0.6	J	0	ND	0	ND	0	J
206 (CL9)	0	ND	0.4	J	0	ND	0	ND	0.1	J
209 (CL10)	0.3	J	0	J	0	ND	0	ND	0.3	J
Surrogate Recoveries										
DBOFB%:	77.7		78		78.5		73.4		74.8	
PCB#103%:	83.5		79.5		81.1		75.4		68.3	
PCB#198%:	79.4		79.1		82.6		75.8		75.1	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	GBHR		SLBB		CLSJ		CLLC	
ID:	Galveston Bay		Sabine Lake		Calcasieu Lake		Calcasieu Lake	
SITE:	Hanna Reef		Blue Buck Point		St. Johns Island		Lake Charles	
LABSAMNO:	K7014		K7016		K7020		K7018	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/11/92		12/11/92		12/12/92		12/11/92	
QCBATCH:	M1232		M1232		M1232		M1232	
EXTRACTION DATE:	9/14/93		9/14/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/20/93		10/20/93		10/20/93		10/20/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/30/94		7/30/94		7/30/94		7/30/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.39		15.27		15.06		15.09	
DRYWT:	2.4		2.68		1.93		3.07	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.60%		17.60%		12.80%		20.40%	
Lipid Weight:								
TOTAL LIPID:	6.64		8.03		5.65		10.56	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	78.8		77.3		79.8		73.9	
PCB#103:	80.7		79.4		83.9		79	
PCB#198:	81.9		82.4		82.7		83.6	
TOTAL BHCs	2.2		1.4	J	0.4	J	0.2	J
TOT CHLORDANES (ALL)	3.8		6.9		2.1		21.9	
TOT CHLORDANES (S&T)	1.6	J	2.9		0.8	J	6.8	
TOTAL DDTs	5.4		7.8		4		61.4	
TOTAL PCBs (S&T)	25.3	J	40.1		35	J	350.6	
ALPHA-BHC	0.9		0.9		0	ND	0	ND
HCB	0	J	0	J	0	J	1.4	
BETA-BHC	0.6		0	ND	0	J	0	ND
GAMMA-BHC	0.6		0.4		0.3	J	0.2	J
DELTA-BHC	0.1	J	0.1	J	0	ND	0	ND
HEPTACHLOR *	0	J	0.1	J	0	J	0.4	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	GBHR		SLBB		CLSJ		CLLC	
ID:	Galveston Bay		Sabine Lake		Calcasieu Lake		Calcasieu Lake	
SITE:	Hanna Reef		Blue Buck Point		St. Johns Island		Lake Charles	
LABSAMNO:	K7014		K7016		K7020		K7018	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.2	J	0.4	J	0.3	J	2	
OXYCHLORDANE	0.2	J	0.3	J	0.1	J	0.6	
GAMMA-CHLORDANE	0.9		2		0.8		12.4	
ALPHA-CHLORDANE *	0.7		1.3		0.3	J	2.4	
TRANS-NONACHLOR *	0.7		1.2		0.3	J	2.1	
CIS-NONACHLOR	1		1.7		0.4	J	2	
ALDRIN	0	ND	0	ND	0	ND	0	ND
DIELDRIN	0.9		0.9		0.6		6.5	
ENDRIN	0	ND	0.2	J	0	ND	0	ND
MIREX	0.1	J	0.2	J	0	J	0.4	
2,4'DDE (O,P'DDE)	0	J	0	J	0	ND	0.3	J
4,4'DDE (P,P'DDE)	4		5.2		3.1		58.5	
2,4'DDD (O,P'DDD)	0.1	J	0.1	J	0	J	0.7	
4,4'DDD (P,P'DDD)	1		1.8		0.8		1.9	
2,4'DDT (O,P'DDT)	0.1	J	0.4		0	J	0	ND
4,4'DDT (P,P'DDT)	0.1	J	0.2	J	0	J	0	ND
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	7.7		85.6	
18 (CL3)	0.1	J	0.1	J	0.1	J	0.7	
28 (CL3)	0.1	J	0.2	J	0.1	J	2.5	
44 (CL4)	0.2	J	0.5	J	0.1	J	2.4	
52 (CL4)	0.7	J	1.5		0.4	J	0	ND
66 (CL4)	0.1	J	0.2	J	0.1	J	2.7	
101 (CL5)	1.1		1.4		0.7	J	11.9	
105 (CL5)	0.1	J	0.4	J	0.1	J	1.3	
110/77 (CL5/4)	0.8	J	2.2		0.4	J	13.4	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	GBHR		SLBB		CLSJ		CLLC	
ID:	Galveston Bay		Sabine Lake		Calcasieu Lake		Calcasieu Lake	
SITE:	Hanna Reef		Blue Buck Point		St. Johns Island		Lake Charles	
LABSAMNO:	K7014		K7016		K7020		K7018	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	0.7	J	1.1		0.4	J	10.2	
128 (CL6)	0.2	J	0.3	J	0.1	J	1.2	
138 (CL6)	2.4		3.5		1.8		12.9	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	3.2		4.4		2		17.2	
170 (CL7)	0.4	J	0.7		0.5	J	0.9	
180 (CL7)	0.1	J	0.8		0.1	J	2.9	
187/182/159(CL7/7/6)	1		1		0.5	J	2.4	
195 (CL8)	0	ND	0	ND	0.2	J	1.1	
206 (CL9)	0	ND	0	ND	0	ND	0	J
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	78.8		77.3		79.8		73.9	
PCB#103%:	80.7		79.4		83.9		79	
PCB#198%:	81.9		82.4		82.7		83.6	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	JHJH		VBSP		ABOB		CLCL	
ID:	Joseph Harbor Bayou		Vermillion Bay		Atchafalaya Bay		Caillou Lake	
SITE:	Joseph Harbor Bay		Southwest Pass		Oyster Bayou		Caillou Lake	
LABSAMNO:	K7022		K7046		K7056		K7058	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	12/12/92		1/6/93		1/7/93		1/7/93	
QCBATCH:	M1232		M1233		M1233		M1233	
EXTRACTION DATE:	9/14/93		11/11/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/20/93		12/23/93		10/25/93		10/25/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	7/30/94		8/23/94		8/24/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.02		15.08		15.04		15.24	
DRYWT:	2.01		1.78		2.3		2.46	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	13.40%		11.80%		15.30%		16.20%	
Lipid Weight:								
TOTAL LIPID:	7.58		11.01		12.22		10.66	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	77.2		75.3		75.1		77.8	
PCB#103:	82.1		81.6		73.1		76	
PCB#198:	78		77		83.3		87.5	
TOTAL BHCs	1	J	2.2	J	1.3	J	1.4	J
TOT CHLORDANES (ALL)	2.7		17		6.3		5.4	
TOT CHLORDANES (S&T)	1.1	J	9.9		3.7		3.1	
TOTAL DDTs	25.2		52.7		14.2		6.8	
TOTAL PCBs (S&T)	32.6	J	87.2		48.5		32.2	J
ALPHA-BHC	0.6		1.4		0.8		1.1	
HCB	0	J	0	ND	0.1	J	0.1	J
BETA-BHC	0	J	0	ND	0	ND	0	ND
GAMMA-BHC	0.3	J	0.8		0.5		0.3	J
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0.2	J	0.1	J	0.1	J

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	JHJH		VBSP		ABOB		CLCL	
ID:	Joseph Harbor Bayou		Vermillion Bay		Atchafalaya Bay		Caillou Lake	
SITE:	Joseph Harbor Bay		Southwest Pass		Oyster Bayou		Caillou Lake	
LABSAMNO:	K7022		K7046		K7056		K7058	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.3	J	2.7		0.9		0.6	
OXYCHLORDANE	0	J	0.5	J	0.2	J	0.2	J
GAMMA-CHLORDANE	0.8		3.7		1.4		1.3	
ALPHA-CHLORDANE *	0.5	J	3.6		1.4		1.3	
TRANS-NONACHLOR *	0.3	J	3.5		1.3		1.2	
CIS-NONACHLOR	0.8		2.9		0.9		0.8	
ALDRIN	0	ND	0	ND	0	ND	0	ND
DIELDRIN	1.5		11.5		3		1.7	
ENDRIN	0.3	J	0.8		1		0.4	J
MIREX	0.1	J	0.5	J	0	ND	0	ND
2,4'DDE (O,P'DDE)	0.1	J	0	ND	0.3	J	0	J
4,4'DDE (P,P'DDE)	15.5		30.1		7.4		3.2	
2,4'DDD (O,P'DDD)	0.2	J	1.2		0.3	J	0.1	J
4,4'DDD (P,P'DDD)	9		15.4		4		1.6	
2,4'DDT (O,P'DDT)	0.2	J	1.7		0.6		0.4	
4,4'DDT (P,P'DDT)	0.1	J	4.3		1.6		1.5	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	0	ND	0	ND
18 (CL3)	0	ND	0	ND	0	ND	0.1	J
28 (CL3)	0	J	0.3	J	0.4	J	0.4	J
44 (CL4)	0.1	J	1.3		0	ND	0	ND
52 (CL4)	0.2	J	1.8		1.3		1.1	
66 (CL4)	0.4	J	0.6	J	0.7	J	0.4	J
101 (CL5)	1.3		4.2		3		2.1	
105 (CL5)	0.1	J	1.7		0.7	J	0.5	J
110/77 (CL5/4)	1.6		4.4		1.3		0.6	J

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	JHJH		VBSP		ABOB		CLCL	
ID:	Joseph Harbor Bayou		Vermillion Bay		Atchafalaya Bay		Caillou Lake	
SITE:	Joseph Harbor Bay		Southwest Pass		Oyster Bayou		Caillou Lake	
LABSAMNO:	K7022		K7046		K7056		K7058	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	0.7	J	2.3		2.2		1.6	
128 (CL6)	0.2	J	0	ND	0.9		0.5	J
138 (CL6)	3.1		10.2		4.8		3.6	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	4.6		9.6		5.7		3.6	
170 (CL7)	0.5	J	0	ND	0.3	J	0	ND
180 (CL7)	0.1	J	0	ND	0	ND	0	ND
187/182/159(CL7/7/6)	1.6		4.6		2.1		1	
195 (CL8)	0.1	J	0	ND	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	77.2		75.3		75.1		77.8	
PCB#103%:	82.1		81.6		73.1		76	
PCB#198%:	78		77		83.3		87.5	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBLB		TBLF		BBSD		BBMB	
ID:	Terrebonne Bay		Terrebonne Bay		Barataria Bay		Barataria Bay	
SITE:	Lake Barre		Lake Felicity		Bayou Saint Denis		Middle Bank	
LABSAMNO:	K7052		K7054		K7048		K7050	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/7/93		1/7/93		1/6/93		1/6/93	
QCBATCH:	M1233		M1233		M1233		M1233	
EXTRACTION DATE:	9/14/93		9/14/93		9/14/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/24/93		10/25/93		10/24/93		10/24/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/94		8/24/94		8/24/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.1		15.09		15.2		15.47	
DRYWT:	2.2		3.16		2.66		2.71	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	14.50%		20.90%		17.50%		17.50%	
Lipid Weight:								
TOTAL LIPID:	8.14		8.8		11.77		8.65	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	77.1		69		65.6		75.3	
PCB#103:	86.4		76.6		79.5		78.7	
PCB#198:	72.9		75.1		81.6		77.9	
TOTAL BHCs	1.1	J	1.2	J	1.43	J	1.3	J
TOT CHLORDANES (ALL)	3.3		3		7.2		6.4	
TOT CHLORDANES (S&T)	2		1.5		4.2		3.8	
TOTAL DDTs	2.3	J	3.3		7.1		5.1	
TOTAL PCBs (S&T)	16	J	18.3	J	21.1	J	26.3	J
ALPHA-BHC	1.1		0.9		0.7		0.9	
HCB	0.1	J	0.1	J	0.1	J	0	ND
BETA-BHC	0	ND	0	ND	0.2	J	0	ND
GAMMA-BHC	0	ND	0.3	J	0.5		0.4	
DELTA-BHC	0	ND	0	ND	0.1	J	0	ND
HEPTACHLOR *	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBLB		TBLF		BBSD		BBMB	
ID:	Terrebonne Bay		Terrebonne Bay		Barataria Bay		Barataria Bay	
SITE:	Lake Barre		Lake Felicity		Bayou Saint Denis		Middle Bank	
LABSAMNO:	K7052		K7054		K7048		K7050	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.4	J	0.4		1		0.9	
OXYCHLORDANE	0.1	J	0.2	J	0.3	J	0.3	J
GAMMA-CHLORDANE	0.8		0.9		1.7		1.4	
ALPHA-CHLORDANE *	0.9		0.3	J	1.9		1.5	
TRANS-NONACHLOR *	0.7		0.9		1.3		1.5	
CIS-NONACHLOR	0.4	J	0.5		1		0.9	
ALDRIN	0	ND	0	ND	0	ND	0	ND
DIELDRIN	1		1		2.6		3.1	
ENDRIN	0	ND	0	ND	0	ND	0	ND
MIREX	0	ND	0	ND	0	ND	0	ND
2,4'DDE (O,P'DDE)	0	ND	0	ND	0	ND	0.2	J
4,4'DDE (P,P'DDE)	1.6		1.9		3.9		3	
2,4'DDD (O,P'DDD)	0	ND	0	ND	0.3	J	0	ND
4,4'DDD (P,P'DDD)	0.7		1		1.8		1.7	
2,4'DDT (O,P'DDT)	0	ND	0	ND	0.5		0.2	J
4,4'DDT (P,P'DDT)	0	ND	0.3		0.6		0	ND
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	0	ND	0	ND
18 (CL3)	0	ND	0	ND	0.4	J	0.2	J
28 (CL3)	0	ND	0	ND	0.1	J	0.6	J
44 (CL4)	0.5	J	0.5	J	0.6	J	0.9	
52 (CL4)	0.6	J	0.6	J	0.7	J	1.2	
66 (CL4)	0.4	J	0	ND	0.3	J	0.8	
101 (CL5)	1		1.5		1.4		1.4	
105 (CL5)	0.2	J	0.3	J	0.3	J	0.4	J
110/77 (CL5/4)	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBLB		TBLF		BBSD		BBMB	
ID:	Terrebonne Bay		Terrebonne Bay		Barataria Bay		Barataria Bay	
SITE:	Lake Barre		Lake Felicity		Bayou Saint Denis		Middle Bank	
LABSAMNO:	K7052		K7054		K7048		K7050	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	0.8	J	1.2		0.9		1.3	
128 (CL6)	0	ND	0	ND	0.2	J	0	ND
138 (CL6)	1.3		1.8		2.4		1.8	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	1.4		1.8		0.3	J	2	
170 (CL7)	0.6	J	0.5	J	1.3		0.6	J
180 (CL7)	0	ND	0	ND	0	ND	0.3	J
187/182/159(CL7/7/6)	0.3	J	0.4	J	0.7	J	0.6	J
195 (CL8)	0	ND	0	ND	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	77.1		69		65.6		75.3	
PCB#103%:	86.4		76.6		79.5		78.7	
PCB#198%:	72.9		75.1		81.6		77.9	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MRTP		MRPL		BSSI		BSBG	
ID:	Mississippi River		Mississippi River		Breton Sound		Breton Sound,	
SITE:	Tiger Pass		Pass a Loutre		Sable Island		Bay Garderne	
LABSAMNO:	K7062		K7060		K7072		K7064	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/8/93		1/8/93		1/9/93		1/8/93	
QCBATCH:	M1233		M1233		M1234		M1233	
EXTRACTION DATE:	9/14/93		9/14/93		9/16/93		9/14/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/25/93		10/25/93		10/28/93		10/25/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/94		8/24/94		8/22/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.32		15.02		15.01		15.03	
DRYWT:	2.23		1.69		1.69		2.48	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	14.50%		11.30%		11.30%		16.50%	
Lipid Weight:								
TOTAL LIPID:	11.41		7.01		9.11		8.69	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	77.3		78.5		58.4		81.3	
PCB#103:	89.7		81.6		85.5		86.5	
PCB#198:	82		83.6		74.3		82.7	
TOTAL BHCs	2.4		0.5	J	2.3	J	1.1	J
TOT CHLORDANES (ALL)	29.4		38.4		28.6		4.9	
TOT CHLORDANES (S&T)	16.5		20.9		16.3		2.7	
TOTAL DDTs	55.8		66.7		45.4		5.5	
TOTAL PCBs (S&T)	150.8		259.3		119.8		11	J
ALPHA-BHC	1.2		0	ND	1.2		1.1	
HCB	0	ND	0.2	J	0.1	J	0	ND
BETA-BHC	0.3	J	0	ND	0	ND	0	ND
GAMMA-BHC	0.9		0.5	J	1.1		0	ND
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0.2	J	0.6	J	0.3	J	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MRTP		MRPL		BSSI		BSBG	
ID:	Mississippi River		Mississippi River		Breton Sound		Breton Sound	
SITE:	Tiger Pass		Pass a Loutre		Sable Island		Bay Garderne	
LABSAMNO:	K7062		K7060		K7072		K7064	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	3.7		2.3		2.6		0.5	
OXYCHLORDANE	0.9		1.1		0.6		0.3	J
GAMMA-CHLORDANE	7.5		11		8.2		1.2	
ALPHA-CHLORDANE *	6.7		8.9		6.8		1.2	
TRANS-NONACHLOR *	5.9		9.2		6.6		1	
CIS-NONACHLOR	4.6		5.4		3.5		0.7	
ALDRIN	0.4	J	1.2		0.8		0	ND
DIELDRIN	16.2		11.4		14.1		0	ND
ENDRIN	2.5		1		1.1		0.1	J
MIREX	0	ND	0.5	J	0	ND	0	ND
2,4'DDE (O,P'DDE)	0.4	J	1		0.4	J	0	ND
4,4'DDE (P,P'DDE)	27.8		35.1		23.7		3.4	
2,4'DDD (O,P'DDD)	2.4		2.9		1.7		0.3	J
4,4'DDD (P,P'DDD)	21.7		20		14.2		1.9	
2,4'DDT (O,P'DDT)	2.1		3.5		1.3		0	ND
4,4'DDT (P,P'DDT)	1.5		4.2		4.1		0	ND
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	0	ND	0	ND
18 (CL3)	0	ND	0.4	J	0	ND	0	ND
28 (CL3)	0.7	J	1.4		0.6	J	0.1	J
44 (CL4)	2.7		3.7		1.9		0	ND
52 (CL4)	4.6		8.1		6.6		0	ND
66 (CL4)	1.4		3.5		1.2	J	0	ND
101 (CL5)	10.5		17.6		7.5		0.8	
105 (CL5)	2.5		4		2.1		0.3	J
110/77 (CL5/4)	17.2		23.3		0	ND	0.8	J

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MRTP		MRPL		BSSI		BSBG	
ID:	Mississippi River		Mississippi River		Breton Sound		Breton Sound	
SITE:	Tiger Pass		Pass a Loutre		Sable Island		Bay Garderne	
LABSAMNO:	K7062		K7060		K7072		K7064	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	5.5		8.5		4.3		0.8	
128 (CL6)	1.3		0.9	J	1.9		0	ND
138 (CL6)	0	ND	0	ND	12.9		0	ND
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	19.1		36.8		12.8		1.6	
170 (CL7)	1		2		0.9	J	0	ND
180 (CL7)	0	ND	0	ND	0	ND	0	ND
187/182/159(CL7/7/6)	6.9		15.6		5.2		0.4	J
195 (CL8)	0	ND	0	ND	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	77.3		78.5		58.4		81.3	
PCB#103%:	89.7		81.6		85.5		86.5	
PCB#198%:	82		83.6		74.3		82.7	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	LBMP		MSPC		MSBB		MSPB	
ID:	Lake Borgne		Mississippi Sound		Mississippi Sound		Mississippi Sound	
SITE:	Malheureux Point		Pass Christian		Biloxi Bay		Pascagoula Bay	
LABSAMNO:	K7066		K7070		K7068		K7078	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/8/93		1/9/93		1/9/93		1/10/93	
QCBATCH:	M1233		M1234		M1234		M1234	
EXTRACTION DATE:	9/14/93		9/16/93		9/16/93		9/16/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	5/11/94		10/28/93		10/28/93		10/28/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/24/94		8/22/94		8/22/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.17		15.22		15.32		15.34	
DRYWT:	2.32		2.94		2.32		1.93	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.30%		19.30%		15.20%		12.60%	
Lipid Weight:								
TOTAL LIPID:	9.48		9.85		13.16		9.62	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	78.9		79.6		79.1		82.5	
PCB#103:	90.5		86.2		82.5		88	
PCB#198:	78.7		80.4		82.5		86.8	
TOTAL BHCs	1.4	J	1.3	J	2.2		1.6	J
TOT CHLORDANES (ALL)	5.1		12.7		62.4		9.1	
TOT CHLORDANES (S&T)	2.7		7.1		35.5		5.8	
TOTAL DDTs	5.3		7.7		31.4		23.2	
TOTAL PCBs (S&T)	9.3	J	22.1	J	201.5		153.6	
ALPHA-BHC	1		0.7		0.8		1.1	
HCB	0	ND	0	J	0	ND	0	ND
BETA-BHC	0	ND	0	ND	0	ND	0	ND
GAMMA-BHC	0.4	J	0.6		1.4		0.5	
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0.3	J	0.3	J	0.1	J

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	LBMP		MSPC		MSBB		MSPB	
ID:	Lake Borgne		Mississippi Sound		Mississippi Sound		Mississippi Sound	
SITE:	Malheureux Point		Pass Christian		Biloxi Bay		Pascagoula Bay	
LABSAMNO:	K7066		K7070		K7068		K7078	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.6		0.9		1.8		0.7	
OXYCHLORDANE	0.3	J	0.5		1.9		0.4	J
GAMMA-CHLORDANE	1.1		3.1		18.3		2.9	
ALPHA-CHLORDANE *	0.7		2.5		19.6		2.6	
TRANS-NONACHLOR *	1.4		3.4		13.7		2.4	
CIS-NONACHLOR	0.9		2.1		6.8		0	ND
ALDRIN	0	ND	0	ND	0.5		0	ND
DIELDRIN	1.9		3.3		7.9		3	
ENDRIN	0	ND	0	ND	0	ND	0	ND
MIREX	0	ND	1.1		0.7		0.7	
2,4'DDE (O,P'DDE)	0	ND	0	ND	0.5		2.5	
4,4'DDE (P,P'DDE)	3.4		4.7		14.7		13.1	
2,4'DDD (O,P'DDD)	0	ND	0.1	J	2		1.2	
4,4'DDD (P,P'DDD)	1.3		1.8		11		4.6	
2,4'DDT (O,P'DDT)	0	ND	0.2	J	1.2		0.8	
4,4'DDT (P,P'DDT)	0.6		0.8		2		0.9	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	1		0	ND
18 (CL3)	0	ND	0	ND	2.8		0	ND
28 (CL3)	0	ND	0.3	J	5.1		0.5	J
44 (CL4)	0	ND	0.4	J	5.3		1.2	
52 (CL4)	0.6	J	1.2		9.7		2.3	
66 (CL4)	0.2	J	0.4	J	6.9		0.9	J
101 (CL5)	0.7	J	1		12.3		4.1	
105 (CL5)	0.3	J	0.4	J	3.6		43.1	
110/77 (CL5/4)	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	LBMP		MSPC		MSBB		MSPB	
ID:	Lake Borgne		Mississippi Sound		Mississippi Sound		Mississippi Sound	
SITE:	Malheureux Point		Pass Christian		Biloxi Bay		Pascagoula Bay	
LABSAMNO:	K7066		K7070		K7068		K7078	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	0.8	J	1.3		9.7		4	
128 (CL6)	0	ND	0	ND	1.3		0	ND
138 (CL6)	0	ND	2.7		14.4		9.6	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	1		1.1		21.3		6.7	
170 (CL7)	0	ND	0.3	J	0.6	J	0.7	J
180 (CL7)	0	ND	0	ND	0	ND	0	ND
187/182/159(CL7/7/6)	0.5	J	1.2		6.9		0	ND
195 (CL8)	0	ND	0	ND	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	78.9		79.6		79.1		82.5	
PCB#103%:	90.5		86.2		82.5		88	
PCB#198%:	78.7		80.4		82.5		86.8	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MBCP		MBHI		PBPH		PBIB	
ID:	Mobile Bay Cedar		Mobile Bay Cedar		Pensacola Bay		Pensacola Bay	
SITE:	Cedar Point Reef		Hollingers Island Channel		Public Harbor		Indian Bayou	
LABSAMNO:	K7076		K7074		K7088		K7086	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/10/93		1/10/93		1/12/93		1/12/93	
QCBATCH:	M1234		M1234		M1234		M1234	
EXTRACTION DATE:	9/16/93		9/16/93		9/16/93		9/16/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/28/93		10/28/93		10/28/93		10/28/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/94		8/23/94		8/23/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.17		15.22		15.16		15.37	
DRYWT:	2.39		2.37		2.52		1.72	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.70%		15.60%		16.60%		11.20%	
Lipid Weight:								
TOTAL LIPID:	9.93		9.72		10.44		7.12	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	82.7		81.5		82.8		78.1	
PCB#103:	88		85.4		89.5		90.8	
PCB#198:	83.3		84.6		85.7		85.8	
TOTAL BHCs	1.8		1.9		1.3	J	0.4	J
TOT CHLORDANES (ALL)	13.9		19.6		31.6		7.3	
TOT CHLORDANES (S&T)	9		10.9		18.5		3.6	
TOTAL DDTs	117.4		127.3		29.9		20.2	
TOTAL PCBs (S&T)	114.8		135.6		240.7		368.4	
ALPHA-BHC	0.8		0.8		0.5		0.2	J
HCB	0	ND	0	ND	0	ND	0	J
BETA-BHC	0	ND	0	ND	0	ND	0	ND
GAMMA-BHC	1.1		1.1		0.8		0.2	J
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0.2	J	0.2	J	1.1		0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MBCP		MBHI		PBPH		PBIB	
ID:	Mobile Bay Cedar		Mobile Bay Cedar		Pensacola Bay		Pensacola Bay	
SITE:	Cedar Point Reef		Hollingers Island Channel		Public Harbor		Indian Bayou	
LABSAMNO:	K7076		K7074		K7088		K7086	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	1.7		1.8		3.4		0.4	J
OXYCHLORDANE	0.4	J	0.5		0.7		0.4	J
GAMMA-CHLORDANE	4.6		5.6		8.2		1.4	
ALPHA-CHLORDANE *	3.7		4.3		7.1		1.8	
TRANS-NONACHLOR *	3.4		4.6		7		1.5	
CIS-NONACHLOR	0	ND	2.7		4.1		1.9	
ALDRIN	0	ND	0	ND	0.1	J	0	ND
DIELDRIN	5.2		5.9		9.1		2.3	
ENDRIN	0.5		0.6		1		0	ND
MIREX	0.2	J	0.3	J	0.2	J	0	ND
2,4'DDE (O,P'DDE)	36.7		38.3		0.4	J	0.2	J
4,4'DDE (P,P'DDE)	51.6		56.8		16.6		14.1	
2,4'DDD (O,P'DDD)	6		6.4		1		1	
4,4'DDD (P,P'DDD)	17.7		20.5		4.9		2	
2,4'DDT (O,P'DDT)	4		3.6		2.8		2.3	
4,4'DDT (P,P'DDT)	1.5		1.8		4.3		0.6	J
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	0	ND	0	ND
18 (CL3)	0	ND	0	ND	1.5		0.3	J
28 (CL3)	0.3	J	0.5	J	2.1		0.5	J
44 (CL4)	0.9		1.1		2.4		1.6	
52 (CL4)	3		3.9		9.8		6.7	
66 (CL4)	0.5	J	0.7	J	2.9		0	ND
101 (CL5)	5		5.5		22.5		28.8	
105 (CL5)	18.6		22.6		2.6		2.2	
110/77 (CL5/4)	0	ND	0	ND	0	ND	28.8	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	MBCP		MBHI		PBPH		PBIB	
ID:	Mobile Bay Cedar		Mobile Bay Cedar		Pensacola Bay		Pensacola Bay	
SITE:	Cedar Point Reef		Hollingers Island Channel		Public Harbor		Indian Bayou	
LABSAMNO:	K7076		K7074		K7088		K7086	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	0	ND	4		14.9		18.5	
128 (CL6)	0	ND	0	ND	3.5		4	
138 (CL6)	9.2		11		23.7		31.9	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	7.8		8		32.7		53.9	
170 (CL7)	0.3	J	0.3	J	0.6	J	1.8	
180 (CL7)	1.5		2.3		0	ND	0	ND
187/182/159(CL7/7/6)	4.3		5		4.7		6.2	
195 (CL8)	0	ND	0	ND	0	ND	0.4	J
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	82.7		81.5		82.8		78.1	
PCB#103%:	88		85.4		89.5		90.8	
PCB#198%:	83.3		84.6		85.7		85.8	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	PBSP		CBJB		CBSR		CBPP	
ID:	Pensacola Bay		Choctawhatchee		Choctawhatchee		Choctawhatchee	
SITE:	Sabine Point		Joe's Bayou		Off Santa Rosa		Postil Point	
LABSAMNO:	K7090		K7082		K7084		K7080	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/12/93		1/13/93		1/12/93		1/12/93	
QCBATCH:	M1234		M1234		M1234		M1234	
EXTRACTION DATE:	9/16/93		9/16/93		9/16/93		9/16/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/28/93		10/28/93		10/28/93		10/28/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/94		8/23/94		8/23/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.4		15.16		15.09		15.17	
DRYWT:	2.43		2.73		1.89		2.16	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	15.80%		18.00%		12.50%		14.20%	
Lipid Weight:								
TOTAL LIPID:	9.24		10.56		7.66		10.5	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	80.8		77.5		77.4		81.9	
PCB#103:	86.7		77.9		82.8		91.5	
PCB#198:	82.5		88.9		82.6		83	
TOTAL BHCs	1.1	J	0.9	J	0.5	J	0.6	J
TOT CHLORDANES (ALL)	11		31.3		6.9		52.3	
TOT CHLORDANES (S&T)	6.6		18.3		4.2		30.8	
TOTAL DDTs	16.8		71.5		21.7		670.3	
TOTAL PCBs (S&T)	69.9		87.8		19.1	J	99.8	
ALPHA-BHC	0.5		0.4		0.3	J	0.3	J
HCB	0	ND	0	ND	0	J	0.1	J
BETA-BHC	0	ND	0	ND	0	ND	0	ND
GAMMA-BHC	0.6		0.4		0.2	J	0.3	J
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0.2	J	0.5		0.1	J	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	PBSP		CBJB		CBSR		CBPP	
ID:	Pensacola Bay		Choctawhatchee		Choctawhatchee		Choctawhatchee	
SITE:	Sabine Point		Joe's Bayou		Off Santa Rosa		Postil Point	
LABSAMNO:	K7090		K7082		K7084		K7080	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	1		6.2		0.3	J	1.4	
OXYCHLORDANE	0.3	J	0.8		0.2	J	1.1	
GAMMA-CHLORDANE	2.8		10.1		1.5		16.8	
ALPHA-CHLORDANE *	2.7		5.4		1.9		15.2	
TRANS-NONACHLOR *	2.6		6.1		1.9		14.3	
CIS-NONACHLOR	1.2		2.2		0.9		3.5	
ALDRIN	0	ND	0.4		0	ND	0.1	J
DIELDRIN	3.2		6.3		1.4		6	
ENDRIN	0.2	J	0	ND	0	ND	0	ND
MIREX	0	ND	1.6		0.3	J	0.6	
2,4'DDE (O,P'DDE)	0	ND	0.3	J	0	ND	4.2	
4,4'DDE (P,P'DDE)	9.1		22.1		17.7		293.9	
2,4'DDD (O,P'DDD)	0.6		7.2		0	ND	34.1	
4,4'DDD (P,P'DDD)	4.3		36.6		2.7		283.4	
2,4'DDT (O,P'DDT)	1		1.5		0.3	J	14.7	
4,4'DDT (P,P'DDT)	1.8		3.8		1		40	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	0.2	J	0	ND
18 (CL3)	0	ND	0.8		0	ND	0	ND
28 (CL3)	0.4	J	1.2		0.2	J	0.5	J
44 (CL4)	0.8	J	3.1		0.2	J	0	ND
52 (CL4)	2.1		4.8		0.4	J	2	
66 (CL4)	0.9		4.6		0	ND	0.7	J
101 (CL5)	5.3		7.4		0.9	J	4.8	
105 (CL5)	0.8	J	1.9		0.1	J	0.7	J
110/77 (CL5/4)	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	PBSP		CBJB		CBSR		CBPP	
ID:	Pensacola Bay		Choctawhatchee		Choctawhatchee		Choctawhatchee	
SITE:	Sabine Point		Joe's Bayou		Off Santa Rosa		Postil Point	
LABSAMNO:	K7090		K7082		K7084		K7080	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	4.3		6.4		0.6	J	3.4	
128 (CL6)	1.2		0	ND	0.5	J	0	ND
138 (CL6)	7.7		5.9		2.1		11.1	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	9.5		6.3		1.4		15.6	
170 (CL7)	0.7	J	1.5		0.7	J	1.1	
180 (CL7)	0	ND	0	ND	0.3	J	1.2	
187/182/159(CL7/7/6)	1.6		1.6		0.5	J	6.9	
195 (CL8)	0	ND	0	ND	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	80.8		77.5		77.4		81.9	
PCB#103%:	86.7		77.9		82.8		91.5	
PCB#198%:	82.5		88.9		82.6		83	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	PCLO		PCMP		SAWB		APDB	
ID:	Panama City		Panama City		St. Andrew		Apalachicola Bay.	
SITE:	Little Oyster Bar		Municipal Pier		Watson Bayou		Dry Bar	
LABSAMNO:	K7092		K7096		K7094		K7098	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/13/93		1/13/93		1/13/93		1/14/93	
QCBATCH:	M1234		M1234		M1234		M1234	
EXTRACTION DATE:	9/16/93		9/16/93		9/16/93		9/16/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/28/93		10/29/93		10/29/93		10/29/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/94		8/23/94		8/23/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.31		15.13		15.04		15.09	
DRYWT:	2.83		2.37		2.43		1.49	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	18.50%		15.70%		16.20%		9.90%	
Lipid Weight:								
TOTAL LIPID:	9.09		8.53		7.16		6.1	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	77.3		82.7		78.9		84.6	
PCB#103:	83.9		84.7		81.7		92.2	
PCB#198:	81.3		88.8		85.4		89.1	
TOTAL BHCs	1	J	1.1	J	1.3	J	0.8	J
TOT CHLORDANES (ALL)	8.5		20.3		42.6		6.3	
TOT CHLORDANES (S&T)	5.4		9.9		23.1		3.9	
TOTAL DDTs	48.4		44.6		108.3		13	
TOTAL PCBs (S&T)	40.3		169.4		266.4		19.5	J
ALPHA-BHC	0.4		0.6		0.6		0.6	J
HCB	0	ND	0	ND	0	ND	0.1	J
BETA-BHC	0	ND	0	ND	0	ND	0	ND
GAMMA-BHC	0.6		0.5		0.7		0.3	J
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0.4	J	0.3	J	0.1	J

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	PCLO		PCMP		SAWB		APDB	
ID:	Panama City		Panama City		St. Andrew		Apalachicola Bay	
SITE:	Little Oyster Bar		Municipal Pier		Watson Bayou		Dry Bar	
LABSAMNO:	K7092		K7096		K7094		K7098	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.5		0.6		1.5		0.9	
OXYCHLORDANE	0.3	J	0.7		1.5		0.2	J
GAMMA-CHLORDANE	2		7.1		12.5		1.2	
ALPHA-CHLORDANE *	2.9		4.9		11.6		1.6	
TRANS-NONACHLOR *	2		4		9.7		1.3	
CIS-NONACHLOR	0.8		2.6		5.5		1	
ALDRIN	0	ND	0	ND	0.1	J	0	ND
DIELDRIN	1.6		2.6		4.1		2.7	
ENDRIN	0	ND	0	ND	0	ND	0.2	J
MIREX	0	ND	0	ND	0	ND	0.4	J
2,4'DDE (O,P'DDE)	1		0.7		1.3		0	ND
4,4'DDE (P,P'DDE)	32.7		20.2		63.2		9.7	
2,4'DDD (O,P'DDD)	0	ND	3		4.7		0.2	J
4,4'DDD (P,P'DDD)	11.7		15.5		24.7		2.5	
2,4'DDT (O,P'DDT)	0.9		1.6		4.3		0	ND
4,4'DDT (P,P'DDT)	2		3.4		10		0.6	J
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0.7	J	0	ND	0	ND
18 (CL3)	0	ND	1.8		0	ND	0	ND
28 (CL3)	0.3	J	1.7		2.5		0.1	J
44 (CL4)	0.5	J	3.2		4.6		0	ND
52 (CL4)	1.2		5.5		10.6		0.4	J
66 (CL4)	0	ND	2.2		4.1		0	ND
101 (CL5)	2.6		13.9		25.3		0.5	J
105 (CL5)	1.4		13.2		8.7		0.2	J
110/77 (CL5/4)	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	PCLO		PCMP		SAWB		APDB	
ID:	Panama City		Panama City		St. Andrew		Apalachicola Bay	
SITE:	Little Oyster Bar		Municipal Pier		Watson Bayou		Dry Bar	
LABSAMNO:	K7092		K7096		K7094		K7098	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	2.6		14.2		21.4		0.6	J
128 (CL6)	0.2	J	0	ND	1.7		0	ND
138 (CL6)	4.2		13.2		21.1		3.2	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	5.3		15.2		30.3		1.6	
170 (CL7)	0.4	J	0.6	J	0.6	J	0.5	J
180 (CL7)	0	ND	0	ND	0	ND	0	ND
187/182/159(CL7/7/6)	1.5		4.1		11		1.4	
195 (CL8)	0	ND	0	ND	0	ND	0	ND
206 (CL9)	0	ND	1		0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	77.3		82.7		78.9		84.6	
PCB#103%:	83.9		84.7		81.7		92.2	
PCB#198%:	81.3		88.8		85.4		89.1	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	APCP		AESP		CKBP		TBNP	
ID:	Apalachicola Bay		Apalachee Bay		Cedar Kay		Tampa Bay	
SITE:	Cat Point Bar		Spring Creek		Black Point		Navarez Park	
LABSAMNO:	K7104		K7102		K7100		K7110	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/14/93		1/14/93		1/14/93		1/15/93	
QCBATCH:	M1235		M1235		M1234		M1235	
EXTRACTION DATE:	9/17/93		9/17/93		9/16/93		9/17/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/30/93		10/30/93		10/29/93		10/30/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/22/94		8/22/94		8/24/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.22		15		15.16		15.07	
DRYWT:	2.55		1.49		2.67		2.67	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	16.80%		9.90%		17.60%		17.70%	
Lipid Weight:								
TOTAL LIPID:	7.16		4.83		7.8		6.96	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	79.1		83.1	NA	80.3		66.2	
PCB#103:	86.4		98.7	NA	91.4		78.3	
PCB#198:	91		95.7	NA	83.1		75.1	
TOTAL BHCs	0.8	J	0.4	J	0.4	J	0	ND
TOT CHLORDANES (ALL)	6.3		3		3		60.7	
TOT CHLORDANES (S&T)	3.9		1.8	J	2		35.1	
TOTAL DDTs	20.9		9.4		3.5		32.1	
TOTAL PCBs (S&T)	27.4	J	22.3	J	6.9	J	179.6	
ALPHA-BHC	0.5		0	ND	0.4		0	ND
HCB	0	ND	0.1	J	0	J	0	ND
BETA-BHC	0	ND	0.4	J	0	ND	0	ND
GAMMA-BHC	0.3	J	0	ND	0	ND	0	ND
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0	ND	0.1	J	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	APCP		AESP		CKBP		TBNP	
ID:	Apalachicola Bay		Apalachee Bay		Cedar Kay		Tampa Bay	
SITE:	Cat Point Bar		Spring Creek		Black Point		Navarez Park	
LABSAMNO:	K7104		K7102		K7100		K7110	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.4	J	0	ND	0.1	J	0.9	
OXYCHLORDANE	0	ND	0	ND	0.1	J	2.4	
GAMMA-CHLORDANE	1.4		0.9		0.7		12.5	
ALPHA-CHLORDANE *	1.8		1.1		1		13.5	
TRANS-NONACHLOR *	1.7		0.7		0.8		20.8	
CIS-NONACHLOR	1		0.3	J	0.3	J	10.7	
ALDRIN	0	ND	0	ND	0	ND	0	ND
DIELDRIN	1.3		0	ND	0.5		5.2	
ENDRIN	0	ND	0	ND	0.1	J	0	ND
MIREX	0	ND	0	ND	0	ND	3.3	
2,4'DDE (O,P'DDE)	0.6		0	ND	1.2		0	ND
4,4'DDE (P,P'DDE)	12.5		7		2.2		24.9	
2,4'DDD (O,P'DDD)	0.6		1		0	ND	1.1	
4,4'DDD (P,P'DDD)	5.4		1.4		0	ND	5.2	
2,4'DDT (O,P'DDT)	0	ND	0	ND	0	ND	0	ND
4,4'DDT (P,P'DDT)	1.8		0	ND	0.1	J	0.9	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	0	ND	1.1	
18 (CL3)	0.6	J	0.7	J	0.5	J	2.6	
28 (CL3)	0	ND	0	ND	0	ND	0	ND
44 (CL4)	1		0	ND	0	ND	3.6	
52 (CL4)	1.3		0.2	J	0	ND	6.5	
66 (CL4)	0	ND	0.3	J	0	ND	0	ND
101 (CL5)	1.4		0.2	J	0	ND	9.6	
105 (CL5)	0	ND	0	ND	0	J	2.5	
110/77 (CL5/4)	0	ND	0	ND	0	ND	24.4	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	APCP		AESP		CKBP		TBNP	
ID:	Apalachicola Bay		Apalachee Bay		Cedar Kay		Tampa Bay	
SITE:	Cat Point Bar		Spring Creek		Black Point		Navarez Park	
LABSAMNO:	K7104		K7102		K7100		K7110	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	1.4		0.6	J	0.3	J	10	
128 (CL6)	0	ND	0	ND	0	ND	0.7	J
138 (CL6)	2		0	ND	0	ND	7.9	
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	2.7		0.3	J	0.8		16.7	
170 (CL7)	0	ND	1.7		0.5	J	0	ND
180 (CL7)	1.1		0	ND	0	ND	0	ND
187/182/159(CL7/7/6)	1.4		0	ND	0.3	J	5.5	
195 (CL8)	0	ND	5.7		0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	79.1		83.1		80.3		66.2	
PCB#103%:	86.4		98.7		91.4		78.3	
PCB#198%:	91		95.7		83.1		75.1	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBMK		TBPB		TBOT		TBKA		TBHB	
ID:	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE:	Mullet Key Bayou		Papys Bayou		Old Tampa Bay		Knights Airport		Hillsborough	
LABSAMNO:	K7106		K7118		K7112		K7108		K7116	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
RECEIPT DATE:	1/15/93		1/16/93		1/15/93		1/15/93		1/16/93	
QCBATCH:	M1235		M1235		M1235		M1235		M1235	
EXTRACTION DATE:	9/17/93		9/17/93		9/17/93		9/17/93		9/17/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/30/93		10/31/93		10/30/93		10/30/93		10/31/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/22/94		8/23/94		8/23/94		8/23/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	15.13		15.35		15.07		15.28		14.75	
DRYWT:	3.7		2.67		1.98		2.91		2.78	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	24.50%		17.40%		13.10%		19.00%		18.90%	
Lipid Weight:										
TOTAL LIPID:	7.45		7.62		5.49		5.62		6.97	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
DBOFB:	78.5		74.7		70.6		75.1		72.4	
PCB#103:	91.4		88.5		83.6		86.6		73.5	
PCB#198:	89.6		85.7		76.8		83.5		80.7	
TOTAL BHCs	0	ND	1.7		0.6	J	1.8		1.3	J
TOT CHLORDANES (ALL)	8.3		39.1		14.5		70.1		21.2	
TOT CHLORDANES (S&T)	4.9		22.1		7.7		41.1		11.4	
TOTAL DDTs	7.2		13.7		12		94		29.9	
TOTAL PCBs (S&T)	10.7	J	35.7		30.6	J	315.7		186.1	
ALPHA-BHC	0	ND	0	ND	0	ND	0	ND	0.2	J
HCB	0	J	0	ND	0	ND	0.1	J	0	ND
BETA-BHC	0	ND	0	ND	0	ND	0	ND	0	ND
GAMMA-BHC	0	ND	1.7		0.6		1.8		1.1	
DELTA-BHC	0	ND	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBMK		TBPB		TBOT		TBKA		TBHB	
ID:	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE:	Mullet Key Bayou		Papys Bayou		Old Tampa Bay		Knights Airport		Hillsborough	
LABSAMNO:	K7106		K7118		K7112		K7108		K7116	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
HEPTA-EPOXIDE *	0.2	J	1.2		0.1	J	1		0.5	
OXYCHLORDANE	0.3		1.6		0.4	J	2.5		0.8	
GAMMA-CHLORDANE	1.7		7		3.3		16.4		4.2	
ALPHA-CHLORDANE *	2.3		8.2		2.9		14.8		3.9	
TRANS-NONACHLOR *	2.4		12.7		4.7		25.2		7	
CIS-NONACHLOR	1.4		8.5		3.1		10.1		4.7	
ALDRIN	0	ND	0	ND	0	ND	0	ND	0	ND
DIELDRIN	0.9		3.5		0.4	J	4		1.7	
ENDRIN	0	ND	0	ND	0	ND	0	ND	0	ND
MIREX	0.5		3.3		0.6		1.4		2.3	
2,4'DDE (O,P'DDE)	0	ND	0	ND	0	ND	1.4		0	ND
4,4'DDE (P,P'DDE)	3.8		12.2		10.2		73.1		20	
2,4'DDD (O,P'DDD)	0.3	J	0	ND	0	ND	2.5		0.7	
4,4'DDD (P,P'DDD)	3		1.5		1.8		15.2		3.8	
2,4'DDT (O,P'DDT)	0	ND	0	ND	0	ND	0	ND	2	
4,4'DDT (P,P'DDT)	0.1	J	0	ND	0	ND	1.8		3.5	
PCB # (CLORINATION)										
NOAA S&T PCBs										
8 (CL2)	0.5	J	0	ND	0	ND	0	ND	0	ND
18 (CL3)	0.2	J	0.4	J	0.7	J	2.7		0.7	J
28 (CL3)	0	ND	0	ND	2.4		6.3		2	
44 (CL4)	0.5	J	1.1		1.1		6.6		2.5	
52 (CL4)	0.8		1.3		1.6		13.1		5.3	
66 (CL4)	0	ND	0	ND	0	ND	0	ND	0	ND
101 (CL5)	0.4	J	2		1.1		17.9		10.9	
105 (CL5)	0	ND	0	ND	0.4	J	3.5		2.2	
110/77 (CL5/4)	0	ND	0	ND	0	ND	37.7		27	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBMK		TBPB		TBOT		TBKA		TBHB	
ID:	Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay		Tampa Bay	
SITE:	Mullet Key Bayou		Papys Bayou		Old Tampa Bay		Knights Airport		Hillsborough	
LABSAMNO:	K7106		K7118		K7112		K7108		K7116	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
118/108/149(CL5/5/6)	1		2.9		2		16.9		11.7	
128 (CL6)	0	ND	0	ND	0	ND	0.7	J	1	
138 (CL6)	0	ND	2.6		1.7		13.5		10.5	
126 (CL5)	0	ND	0	ND	0	ND	0	ND	0	ND
153 (CL6)	1.1		5.5		2.8		27.4		15.1	
170 (CL7)	0	ND	0	ND	0	ND	0	ND	0	ND
180 (CL7)	0	ND	0	ND	0	ND	4.6		1.1	
187/182/159(CL7/7/6)	0.4	J	2.4		1		9.3		5.5	
195 (CL8)	0	ND	0	ND	0	ND	0	ND	0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries										
DBOFB%:	78.5		74.7		70.6		75.1		72.4	
PCB#103%:	91.4		88.5		83.6		86.6		73.5	
PCB#198%:	89.6		85.7		76.8		83.5		80.7	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBCB		CBBI		CBFM		NBNB	
ID:	Tampa Bay		Charlotte Harbor		Charlotte Harbor		Naples Bay	
SITE:	Cockroach Bay		Bird Island		Fort Meyers		Naples Bay	
LABSAMNO:	K7114		K7128		K7126		K7120	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
RECEIPT DATE:	1/16/93		1/19/93		1/19/93		1/19/93	
QCBATCH:	M1235		M1235		M1235		M1235	
EXTRACTION DATE:	9/17/93		9/17/93		9/17/93		9/17/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/31/93		10/31/93		10/31/93		10/31/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/94		8/23/94		8/23/94		8/23/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
WETWT:	15.07		8.11		15.11		14.97	
DRYWT:	2.85		1.11		2.45		2.65	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	18.90%		13.70%		16.20%		17.70%	
Lipid Weight:								
TOTAL LIPID:	8.39		4.23		6.95		6.33	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
DBOFB:	71.9		76.6		78		75.7	
PCB#103:	81		93.4		93.4		85.9	
PCB#198:	79.2		89.4		92.1		90.4	
TOTAL BHCs	0	ND	1.5	J	0.7	J	0.5	J
TOT CHLORDANES (ALL)	44.9		4.6		35.4		17.2	
TOT CHLORDANES (S&T)	25.2		2.6	J	20.9		10	
TOTAL DDTs	46.4		4.8	J	27.2		8.1	
TOTAL PCBs (S&T)	15.8	J	4.5	J	50		21.3	J
ALPHA-BHC	0	ND	0	ND	0	ND	0	ND
HCB	0	ND	0.1	J	0	ND	0	ND
BETA-BHC	0	ND	1.3		0	ND	0	ND
GAMMA-BHC	0	ND	0.2	J	0.7		0.5	
DELTA-BHC	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0	ND	0.6		0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBCB		CBBI		CBFM		NBNB	
ID:	Tampa Bay		Charlotte Harbor		Charlotte Harbor		Naples Bay	
SITE:	Cockroach Bay		Bird Island		Fort Meyers		Naples Bay	
LABSAMNO:	K7114		K7128		K7126		K7120	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
HEPTA-EPOXIDE *	0.6		0	ND	0.6		0.4	J
OXYCHLORDANE	1.9		0	ND	1.1		0.6	
GAMMA-CHLORDANE	6.7		0.8	J	7		3.3	
ALPHA-CHLORDANE *	10.7		1.1		7.1		4.1	
TRANS-NONACHLOR *	13.9		1.5		12.6		5.6	
CIS-NONACHLOR	11.1		1.1		6.4		3.3	
ALDRIN	0	ND	0	ND	0	ND	0	ND
DIELDRIN	1.3		0.8	J	4.6		2.5	
ENDRIN	0	ND	0	ND	0	ND	0	ND
MIREX	6.1		0	ND	0	ND	0	ND
2,4'DDE (O,P'DDE)	0	ND	0	ND	0	ND	0	ND
4,4'DDE (P,P'DDE)	42.9		4.8		18.3		6.7	
2,4'DDD (O,P'DDD)	0.7		0	ND	1		0	ND
4,4'DDD (P,P'DDD)	2.8		0	ND	6.4		1.4	
2,4'DDT (O,P'DDT)	0	ND	0	ND	0	ND	0	ND
4,4'DDT (P,P'DDT)	0	ND	0	ND	1.6		0	ND
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0.7		0.9	J	0.2	J	0	ND
18 (CL3)	0	ND	0	ND	0	ND	0.4	J
28 (CL3)	0	ND	0	ND	0.4	J	0.8	
44 (CL4)	0.8		0	ND	1.5		1	
52 (CL4)	0.8		0	ND	2.2		1.9	
66 (CL4)	0	ND	0	ND	0	ND	0	ND
101 (CL5)	0.8		0.2	J	3.3		1.7	
105 (CL5)	0	ND	0	ND	1.1		0	ND
110/77 (CL5/4)	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	TBCB		CBBI		CBFM		NBNB	
ID:	Tampa Bay		Charlotte Harbor		Charlotte Harbor		Naples Bay	
SITE:	Cockroach Bay		Bird Island		Fort Meyers		Naples Bay	
LABSAMNO:	K7114		K7128		K7126		K7120	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
118/108/149(CL5/5/6)	2.6		0.5	J	4.9		2.7	
128 (CL6)	0	ND	0	ND	0	ND	0	ND
138 (CL6)	1		0	ND	3.5		0	ND
126 (CL5)	0	ND	0	ND	0	ND	0	ND
153 (CL6)	2.1		0	ND	5.3		2.1	
170 (CL7)	0	ND	0	ND	0	ND	0	ND
180 (CL7)	0	ND	0	ND	0	ND	0	ND
187/182/159(CL7/7/6)	0	ND	0	ND	1.3		0.9	
195 (CL8)	0	ND	0	ND	3.2		0	ND
206 (CL9)	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries								
DBOFB%:	71.9		76.6		78		75.7	
PCB#103%:	81		93.4		93.4		85.9	
PCB#198%:	79.2		89.4		92.1		90.4	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	RBHC		EVFU		PRBB		PRBM		PRBJ	
ID:	Rookery Bay		Everglades		Puerto Rico		Puerto Rico		Puerto Rico	
SITE:	Henderson Creek		Faka Union Bay		Bahia de Boquieron		Bahia Montalva		Bahia de Jobos	
LABSAMNO:	K7122		K7124		K7130		K7132		K7134	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
RECEIPT DATE:	1/19/93		1/19/93		1/20/93		1/21/93		1/22/93	
QCBATCH:	M1235		M1235		M1235		M1235		M1235	
EXTRACTION DATE:	9/17/93		9/17/93		9/17/93		9/17/93		9/17/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	10/31/93		10/31/93		10/31/93		10/31/93		10/31/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	8/23/94		8/23/94		8/23/94		8/23/94		8/24/94	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
WETWT:	14.92		15.16		9.4		6.64		8.22	
DRYWT:	2.68		1.78		1.89		1.03		1.39	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:	17.90%		11.80%		20.10%		15.50%		16.90%	
Lipid Weight:										
TOTAL LIPID:	6.4		6.02		6.2		2.3		3.77	
LIPID UNITS:	% DRY		% DRY		% DRY		% DRY		% DRY	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
DBOFB:	77.6		74.1		73.6		78.7		79.8	
PCB#103:	94.4		81.8		90.1		89.2		80.5	
PCB#198:	89.5		81.6		84.5		89.1		87.8	
TOTAL BHCs	0	ND	0	ND	0	ND	0	ND	0	ND
TOT CHLORDANES (ALL)	3.4		1.7		0		0		0.2	
TOT CHLORDANES (S&T)	1.9		0.9	J	0	ND	0	ND	0.2	J
TOTAL DDTs	3.2		1.7	J	1	J	2.1	J	1.1	J
TOTAL PCBs (S&T)	3.7	J	10.5	J	3.8	J	36.1	J	33.6	J
ALPHA-BHC	0	ND	0	ND	0	ND	0	ND	0	ND
HCB	0	ND	0.1	J	0	ND	0	ND	0	ND
BETA-BHC	0	ND	0	ND	0	ND	0	ND	0	ND
GAMMA-BHC	0	ND	0	ND	0	ND	0	ND	0	ND
DELTA-BHC	0	ND	0	ND	0	ND	0	ND	0	ND
HEPTACHLOR *	0	ND	0	ND	0	ND	0	ND	0	ND

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	RBHC		EVFU		PRBB		PRBM		PRBJ	
ID:	Rookery Bay		Everglades		Puerto Rico		Puerto Rico		Puerto Rico	
SITE:	Henderson Creek		Faka Union Bay		Bahia de Boquieron		Bahia Montalva		Bahia de Jobos	
LABSAMNO:	K7122		K7124		K7130		K7132		K7134	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
HEPTA-EPOXIDE *	0	ND	0	ND	0	ND	0	ND	0	ND
OXYCHLORDANE	0	ND	0	ND	0	ND	0	ND	0	ND
GAMMA-CHLORDANE	0.7		0.3	J	0	ND	0	ND	0	ND
ALPHA-CHLORDANE *	0.9		0.5	J	0	ND	0	ND	0.2	J
TRANS-NONACHLOR *	1		0.5	J	0	ND	0	ND	0	ND
CIS-NONACHLOR	0.9		0.5	J	0	ND	0	ND	0	ND
ALDRIN	0	ND	0	ND	0	ND	0	ND	0	ND
DIELDRIN	0	ND	0	ND	0	ND	0	ND	0.7	J
ENDRIN	0	ND	0	ND	0	ND	0	ND	0	ND
MIREX	0	ND	0	ND	0	ND	0	ND	0	ND
2,4'DDE (O,P'DDE)	0	ND	0	ND	0	ND	0	ND	0	ND
4,4'DDE (P,P'DDE)	3.2		1.7		1		1.4		1.1	
2,4'DDD (O,P'DDD)	0	ND	0	ND	0	ND	0.7	J	0	ND
4,4'DDD (P,P'DDD)	0	ND	0	ND	0	ND	0	ND	0	ND
2,4'DDT (O,P'DDT)	0	ND	0	ND	0	ND	0	ND	0	ND
4,4'DDT (P,P'DDT)	0	ND	0	ND	0	ND	0	ND	0	ND
PCB # (CLORINATION)										
NOAA S&T PCBs										
8 (CL2)	0	ND	0.8	J	0	ND	0	ND	0	ND
18 (CL3)	0	ND	0	ND	0	ND	0	ND	0	ND
28 (CL3)	0	ND	0	ND	0	ND	0	ND	0	ND
44 (CL4)	0	ND	0	ND	0	ND	0	ND	0	ND
52 (CL4)	0	ND	0	ND	0	ND	0.6	J	0.4	J
66 (CL4)	0	ND	0	ND	0	ND	0	ND	0	ND
101 (CL5)	0.1	J	0	ND	0	ND	1	J	0.6	J
105 (CL5)	0	ND	0	ND	0	ND	0	ND	0.5	J
110/77 (CL5/4)	0	ND	0	ND	0	ND	0	ND	7.5	

Mussel Watch Project Year 8 - Pesticides and PCBs Data

INVEST#:	RBHC		EVFU		PRBB		PRBM		PRBJ	
ID:	Rookery Bay		Everglades		Puerto Rico		Puerto Rico		Puerto Rico	
SITE:	Henderson Creek		Faka Union Bay		Bahia de Boquieron		Bahia Montalva		Bahia de Jobos	
LABSAMNO:	K7122		K7124		K7130		K7132		K7134	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
UNIT:	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
118/108/149(CL5/5/6)	0	ND	0	ND	0	ND	0	ND	0.9	J
128 (CL6)	0	ND	0	ND	0	ND	0	ND	0	ND
138 (CL6)	0	ND	0	ND	0	ND	1.5	J	0	ND
126 (CL5)	0	ND	0	ND	0	ND	0	ND	0	ND
153 (CL6)	0.6	J	0	ND	0.7	J	8.5		3.6	
170 (CL7)	0	ND	0	ND	0	ND	0	ND	0	ND
180 (CL7)	0	ND	0	ND	0	ND	0	ND	0	ND
187/182/159(CL7/7/6)	0	ND	0	ND	0	ND	3.9		1	J
195 (CL8)	0	ND	2.9		0	ND	0	ND	0.8	J
206 (CL9)	0	ND	0	ND	0	ND	0	ND	0	ND
209 (CL10)	0	ND	0	ND	0	ND	0	ND	0	ND
Surrogate Recoveries										
DBOFB%:	77.6		74.1		73.6		78.7		79.8	
PCB#103%:	94.4		81.8		90.1		89.2		80.5	
PCB#198%:	89.5		81.6		84.5		89.1		87.8	

Pesticide QC Data

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		GBYC		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK		Galveston Bay		GBYC	
SITE:					Yacht Club		Galveston Bay	
LABSAMNO:	Q6336		Q6337		K7004		Q6338	
UNIT:	ng/g		%		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
TOTAL BHCs	0	ND			9.5		10.6	
TOT CHLORDANES (ALL)	0	ND			36.5		41	
TOT CHLORDANES (S&T)	0		AVERAGE		20.7		23.3	
TOTAL DDTs	0.1	J	% RECOV		26.2		32.3	
TOTAL PCBs (S&T)	4.3				162.7		182	
ALPHA-BHC	0	ND	65		2.4		2.6	
HCB	0	J	81.5		0	J	0	J
BETA-BHC	0	ND	59.7		2.9		3.3	
GAMMA-BHC	0	ND	67.2		3.1		3.6	
DELTA-BHC	0	ND	63.7		1.1		1.1	
HEPTACHLOR	0	ND	66.1		0.1	J	0.1	J
HEPTA-EPOXIDE	0	ND	70.5		6.9		8.1	
OXYCHLORDANE	0	ND	86.4		1		1.1	
GAMMA-CHLORDANE	0	ND	76.3		10		11	
ALPHA-CHLORDANE	0	ND	73.2		8		8.8	
TRANS-NONACHLOR	0	ND	68.6		5.8		6.4	
CIS-NONACHLOR	0	ND	77.4		4.8		5.6	
ALDRIN	0	ND	66.1		0	ND	0	ND
DIELDRIN	0	ND	62.2		9.3		10.9	
ENDRIN	0	ND	79.6		0	ND	0	ND
MIREX	0	ND	82.6		0.4		0.4	
2,4'DDE (O,P'DDE)	0	ND	67.9		0.3	J	0.4	
4,4'DDE (P,P'DDE)	0.1	J	65.6		13.8		17.9	
2,4'DDD (O,P'DDD)	0	ND	70.1		1.2		1.3	
4,4'DDD (P,P'DDD)	0	ND	63.9		9.5		10.7	
2,4'DDT (O,P'DDT)	0	ND	72.2		0.8		1	
4,4'DDT (P,P'DDT)	0	ND	66.4		0.6		0.9	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0.1	J	91.6		0	ND	0	ND
18 (CL3)	0	ND	86.9		1.2		1.8	

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		GBYC		LAB QA SAMPLE	
ID:	PROC BLANK		SPIKE BLANK		Galveston Bay		GBYC	
SITE:					Yacht Club		Galveston Bay	
LABSAMNO:	Q6336		Q6337		K7004		Q6338	
UNIT:	ng/g		%		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
28 (CL3)	0	ND	88.3		2.6		2.8	
44 (CL4)	0	ND	88.2		7.2		7.7	
52 (CL4)	0	ND	93.6		10.4		11.1	
66 (CL4)	0	ND	80.4		1.5		1.6	
101 (CL5)	0	ND	87.7		9		9.3	
105 (CL5)	0	ND	79.2		3.5		4.1	
110/77 (CL5/4)	0	ND	77.8		8		9.3	
118/108/149(CL5/5/6)	0	ND	83.4		6.1		6.6	
128 (CL6)	0	ND	95.9		0.7	J	0.8	
138 (CL6)	0.2	J	82.2		8.7		9.8	
126 (CL5)	0	ND	76.7		0	ND	0	ND
153 (CL6)	0.1	J	61.2		14.2		15.7	
170 (CL7)	0.5		83		0.3	J	0.7	J
180 (CL7)	0	ND	72.7		2.6		3.4	
187/182/159(CL7/7/6)	0	ND	80.9		3.4		3.8	
195 (CL8)	0	ND	79.1		0	ND	0	J
206 (CL9)	0	ND	71.6		0	ND	0	J
209 (CL10)	0	ND	83.1		0	ND	0.2	J
Surrogate Recoveries								
DBOFB%:	75.5		76.5		73.4		70.1	
PCB#103%:	83		84.6		75.4		68.1	
PCB#198%:	79.7		76.6		75.8		72.6	

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		VBSP	
ID:	GBYC		PROC BLANK		SPIKE BLANK		Vermillion Bay	
SITE:	Galveston Bay						Southwest Pass	
LABSAMNO:	Q6339		Q6340		Q6341		K7046	
UNIT:	%		ng/g		%		ng/g	
Analyte (Cont)	% RECOV	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL
TOTAL BHCs			0	ND			2.2	J
TOT CHLORDANES (ALL)			0	ND			17	
TOT CHLORDANES (S&T)	AVERAGE		0		AVERAGE		9.9	
TOTAL DDTs	% RECOV		0.9		% RECOV		52.7	
TOTAL PCBs (S&T)			4.6				87.2	
ALPHA-BHC	68.3		0	ND	61.7		1.4	
HCB	97.5		0.1	J	82.5		0	ND
BETA-BHC	63.9		0	ND	61.2		0	ND
GAMMA-BHC	73.1		0	ND	71		0.8	
DELTA-BHC	60.2		0	ND	61.5		0	ND
HEPTACHLOR	73.1		0	ND	75.5		0.2	J
HEPTA-EPOXIDE	94.2		0	ND	74		2.7	
OXYCHLORDANE	95.7		0	ND	91.6		0.5	J
GAMMA-CHLORDANE	84.4		0	ND	82.3		3.7	
ALPHA-CHLORDANE	83.1		0	ND	83.1		3.6	
TRANS-NONACHLOR	79.1		0	ND	81.8		3.5	
CIS-NONACHLOR	86.4		0	ND	77.6		2.9	
ALDRIN	70.4		0	ND	70.8		0	ND
DIELDRIN	72.9		0	ND	70		11.5	
ENDRIN	76.1		0	ND	71		0.8	
MIREX	101		0	ND	97.3		0.5	J
2,4'DDE (O,P'DDE)	67.8		0	ND	73.1		0	ND
4,4'DDE (P,P'DDE)	92.4		0.9		73.3		30.1	
2,4'DDD (O,P'DDD)	74.4		0	ND	75.6		1.2	
4,4'DDD (P,P'DDD)	77.7		0	ND	74.6		15.4	
2,4'DDT (O,P'DDT)	81.1		0	ND	82.6		1.7	
4,4'DDT (P,P'DDT)	68.2		0	ND	78		4.3	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	109.7		0	ND	92.6		0	ND
18 (CL3)	107.7		0	ND	97		0	ND

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		VBSP	
ID:	GBYC		PROC BLANK		SPIKE BLANK		Vermillion Bay	
SITE:	Galveston Bay						Southwest Pass	
LABSAMNO:	Q6339		Q6340		Q6341		K7046	
UNIT:	%		ng/g		%		ng/g	
Analyte (Cont)	% RECOV	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL
28 (CL3)	100.9		0	ND	91.5		0.3	J
44 (CL4)	113.8		0	ND	95.1		1.3	
52 (CL4)	124.8		0	ND	100.5		1.8	
66 (CL4)	88.5		0	ND	88.8		0.6	J
101 (CL5)	107.6		0	ND	99.1		4.2	
105 (CL5)	90		0	ND	85.3		1.7	
110/77 (CL5/4)	101.4		0	ND	97.9		4.4	
118/108/149(CL5/5/6)	116.9		0	ND	88.5		2.3	
128 (CL6)	119.7		0	ND	76.6		0	ND
138 (CL6)	106.7		0.5		89.4		10.2	
126 (CL5)	101.6		0	ND	85.7		0	ND
153 (CL6)	85.2		0	ND	67.5		9.6	
170 (CL7)	75.9		0.6		86.4		0	ND
180 (CL7)	94.1		0	ND	80.6		0	ND
187/182/159(CL7/7/6)	108		0	ND	87.1		4.6	
195 (CL8)	94.9		0	ND	83.6		0	ND
206 (CL9)	87.7		0	ND	74.1		0	ND
209 (CL10)	107		0	ND	86.9		0	ND
Surrogate Recoveries								
DBOFB%:	73.2		80.3		73.6		75.3	
PCB#103%:	72.2		90.5		85.2		81.6	
PCB#198%:	71.8		79.4		75.1		77	

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		VBSP		PROC BLANK		SPIKE BLANK	
SITE:	Vermillion Bay		Vermillion Bay					
LABSAMNO:	Q6342		Q6343		Q6344		Q6345	
UNIT:	ng/g		%		ng/g		%	
Analyte (Cont)	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL
TOTAL BHCs	2				0	ND		
TOT CHLORDANES (ALL)	16.7				0	ND		
TOT CHLORDANES (S&T)	9.9		AVERAGE		0		AVERAGE	
TOTAL DDTs	46.4		% RECOV		0	ND	% RECOV	
TOTAL PCBs (S&T)	81.2				5			
ALPHA-BHC	1.3		42.9		0	ND	82.4	
HCB	0.1	J	75.6		0.1	J	99.3	
BETA-BHC	0	ND	60.1		0	ND	70.5	
GAMMA-BHC	0.6		58.8		0	ND	89.3	
DELTA-BHC	0	ND	46.8		0	ND	79.4	
HEPTACHLOR	0.2	J	72.5		0	ND	87.2	
HEPTA-EPOXIDE	2.6		62.8		0	ND	85.5	
OXYCHLORDANE	0.6		88.3		0	ND	103.5	
GAMMA-CHLORDANE	3.8		77.9		0	ND	89.5	
ALPHA-CHLORDANE	3.6		71.5		0	ND	92.5	
TRANS-NONACHLOR	3.5		74.1		0	ND	89	
CIS-NONACHLOR	2.4		71.3		0	ND	86.4	
ALDRIN	0	ND	67.1		0	ND	85.9	
DIELDRIN	10.8		55.1		0	ND	80.9	
ENDRIN	0.9		76.2		0	ND	83.2	
MIREX	0.4	J	102.5		0	ND	105.8	
2,4'DDE (O,P'DDE)	0.4	J	65.6		0	ND	82.2	
4,4'DDE (P,P'DDE)	27		37	M	0	ND	86.3	
2,4'DDD (O,P'DDD)	1.1		69.3		0	ND	94.6	
4,4'DDD (P,P'DDD)	13.2		53.9		0	ND	84.4	
2,4'DDT (O,P'DDT)	1.3		75.9		0	ND	92.4	
4,4'DDT (P,P'DDT)	3.3		72.5		0	ND	90.6	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	76.6		0.4		109	
18 (CL3)	0	ND	94.7		0	ND	105.8	

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	VBSP		VBSP		PROC BLANK		SPIKE BLANK	
SITE:	Vermillion Bay		Vermillion Bay					
LABSAMNO:	Q6342		Q6343		Q6344		Q6345	
UNIT:	ng/g		%		ng/g		%	
Analyte (Cont)	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL
28 (CL3)	0.3	J	88.7		0	ND	105.1	
44 (CL4)	1.1		93.7		0	ND	104	
52 (CL4)	1.9		100.9		0	ND	108	
66 (CL4)	0.6	J	112.2		0	ND	100.6	
101 (CL5)	4.4		96.9		0	ND	102.8	
105 (CL5)	1.2		86.5		0	ND	98.4	
110/77 (CL5/4)	4.6		127.9		0	ND	107.5	
118/108/149(CL5/5/6)	2.2		91.8		0	ND	98.8	
128 (CL6)	0	ND	84.7		0	ND	97.8	
138 (CL6)	8.5		87.8		0.4		98.6	
126 (CL5)	0	ND	109.4		0	ND	99.6	
153 (CL6)	8.7		63.8		0	ND	71.1	
170 (CL7)	0.8	J	92		0.4		93.2	
180 (CL7)	0	ND	88.9		0	ND	93.5	
187/182/159(CL7/7/6)	4		85.7		0	ND	95.7	
195 (CL8)	0	ND	85.9		0	ND	95.6	
206 (CL9)	0	ND	76.9		0	ND	85.1	
209 (CL10)	0	ND	91.5		0	ND	95.3	
Surrogate Recoveries								
DBOFB%:	75.5		71.7		77.4		73.3	
PCB#103%:	86.5		87.5		87.2		77.6	
PCB#198%:	75.6		75.5		83.4		71.8	

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	MSPB		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Mississippi Sound		MSPB		MSPB		PROC BLANK	
SITE:	Pascagoula Bay		Mississippi Sound		Mississippi Sound			
LABSAMNO:	K7078		Q6346		Q6347		Q6348	
UNIT:	ng/g		ng/g		%		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL
TOTAL BHCs	1.6	J	1.5	J			0	ND
TOT CHLORDANES (ALL)	9.1		11.9				0	ND
TOT CHLORDANES (S&T)	5.8		8.1		AVERAGE		0	
TOTAL DDTs	23.2		28.7		% RECOV		0	ND
TOTAL PCBs (S&T)	153.6		202.1				2.2	
ALPHA-BHC	1.1		0.7		73.8		0	ND
HCB	0	ND	0	ND	109.4		0.1	J
BETA-BHC	0	ND	0.2	J	64.5		0	ND
GAMMA-BHC	0.5		0.6		82.9		0	ND
DELTA-BHC	0	ND	0	ND	68.9		0	ND
HEPTACHLOR	0.1	J	0.2	J	82.1		0	ND
HEPTA-EPOXIDE	0.7		0.9		80.3		0	ND
OXYCHLORDANE	0.4	J	0.5	J	97.2		0	ND
GAMMA-CHLORDANE	2.9		3.4		90		0	ND
ALPHA-CHLORDANE	2.6		3.7		95.4		0	ND
TRANS-NONACHLOR	2.4		3.3		94.3		0	ND
CIS-NONACHLOR	0	ND	0	ND	116.8		0	ND
ALDRIN	0	ND	0	J	80.5		0	ND
DIELDRIN	3		3.3		81.3		0	ND
ENDRIN	0	ND	0	ND	97.5		0	ND
MIREX	0.7		1		112.6		0	ND
2,4'DDE (O,P'DDE)	2.5		3.9		87.4		0	ND
4,4'DDE (P,P'DDE)	13.1		15.9		99.4		0	ND
2,4'DDD (O,P'DDD)	1.2		1.4		107.5		0	ND
4,4'DDD (P,P'DDD)	4.6		5.3		90.9		0	ND
2,4'DDT (O,P'DDT)	0.8		1.3		94.6		0	ND
4,4'DDT (P,P'DDT)	0.9		0.8		95.6		0	ND
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	0	ND	0	ND	104.8		0	ND
18 (CL3)	0	ND	0	ND	107.3		0	ND

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	MSPB		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Mississippi Sound		MSPB		MSPB		PROC BLANK	
SITE:	Pascagoula Bay		Mississippi Sound		Mississippi Sound			
LABSAMNO:	K7078		Q6346		Q6347		Q6348	
UNIT:	ng/g		ng/g		%		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL	Conc	DB QUAL
28 (CL3)	0.5	J	0.6	J	97.2		0	ND
44 (CL4)	1.2		1.4		94.5		0	ND
52 (CL4)	2.3		2.8		100.2		0	ND
66 (CL4)	0.9	J	1.3		116.7		0	ND
101 (CL5)	4.1		6.2		111.5		0	ND
105 (CL5)	43.1		53.4		151.5	M	0	ND
110/77 (CL5/4)	0	ND	0	ND	137		0	ND
118/108/149(CL5/5/6)	4		4.8		109.1		0	ND
128 (CL6)	0	ND	0	ND	113.2		0	ND
138 (CL6)	9.6		11.9		105.1		0	ND
126 (CL5)	0	ND	0	ND	124.2		0	ND
153 (CL6)	6.7		8		76.3		0	ND
170 (CL7)	0.7	J	1.1		101.4		0	ND
180 (CL7)	0	ND	0	ND	124.1		0	ND
187/182/159(CL7/7/6)	0	ND	4.6		129.2		0	ND
195 (CL8)	0	ND	0	ND	111.5		0	ND
206 (CL9)	0	ND	0	ND	101.4		0	ND
209 (CL10)	0	ND	0	ND	113		0	ND
Surrogate Recoveries								
DBOFB%:	82.5		75		75.1		67	
PCB#103%:	88		77.8		76.1		63.3	
PCB#198%:	86.8		83.7		84.5		70.6	

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		TBMK		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	SPIKE BLANK		Tampa Bay		TBMK		SPIKE K7106	
SITE:			Mullet Key Bayou		Tampa Bay		Tampa Bay	
LABSAMNO:	Q6349		K7106		Q6350		Q6351	
UNIT:	%		ng/g		ng/g		%	
Analyte (Cont)	% RECOV	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL
TOTAL BHCs			0	ND	0.1	J		
TOT CHLORDANES (ALL)			8.3		10.5			
TOT CHLORDANES (S&T)	AVERAGE		4.9		6.5		AVERAGE	
TOTAL DDTs	% RECOV		7.2		8.1		% RECOV	
TOTAL PCBs (S&T)			10.7		11.1			
ALPHA-BHC	98.5		0	ND	0.1	J	79.9	
HCB	107.4		0	J	0.1	J	88.4	
BETA-BHC	75.3		0	ND	0	ND	84.5	
GAMMA-BHC	99.3		0	ND	0	ND	89.5	
DELTA-BHC	79.7		0	ND	0	ND	76.1	
HEPTACHLOR	91.6		0	ND	0	ND	99.6	
HEPTA-EPOXIDE	72.1		0.2	J	0.4		85.9	
OXYCHLORDANE	111.5		0.3		0.5		105	
GAMMA-CHLORDANE	92.7		1.7		2.1		41.5	
ALPHA-CHLORDANE	94.5		2.3		3.3		25.6	M
TRANS-NONACHLOR	91.8		2.4		2.9		0.6	M
CIS-NONACHLOR	86.8		1.4		1.5		38.5	M
ALDRIN	84.8		0	ND	0	ND	98	
DIELDRIN	81.4		0.9		1.1		68	
ENDRIN	85.2		0	ND	0	ND	97.3	
MIREX	106.3		0.5		0.6		87.9	
2,4'DDE (O,P'DDE)	74.8		0	ND	0	ND	88.1	
4,4'DDE (P,P'DDE)	72.9		3.8		4.6		0	M
2,4'DDD (O,P'DDD)	87		0.3	J	0.3		81.3	
4,4'DDD (P,P'DDD)	79.7		3		3		31.1	M
2,4'DDT (O,P'DDT)	92.1		0	ND	0	ND	100	
4,4'DDT (P,P'DDT)	94.2		0.1	J	0.3	J	89.4	
PCB # (CLORINATION)								
NOAA S&T PCBs								
8 (CL2)	117.5		0.5	J	0	ND	91.8	
18 (CL3)	116.8		0.2	J	0.4	J	94.5	

Mussel Watch Year 8 - Pesticide QC Data

INVEST#:	LAB QA SAMPLE		TBMK		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	SPIKE BLANK		Tampa Bay		TBMK		SPIKE K7106	
SITE:			Mullet Key Bayou		Tampa Bay		Tampa Bay	
LABSAMNO:	Q6349		K7106		Q6350		Q6351	
UNIT:	%		ng/g		ng/g		%	
Analyte (Cont)	% RECOV	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% RECOV	DB QUAL
28 (CL3)	99.5		0	ND	0.2	J	95.2	
44 (CL4)	81.7		0.5	J	0.7		92.5	
52 (CL4)	108.4		0.8		0.6		79	
66 (CL4)	95		0	ND	0	ND	101.7	
101 (CL5)	100		0.4	J	0.6		80	
105 (CL5)	96.1		0	ND	0.1	J	94.3	
110/77 (CL5/4)	134.4		0	ND	0	ND	133.5	
118/108/149(CL5/5/6)	96.2		1		1		73	
128 (CL6)	95.8		0	ND	0	ND	101.4	
138 (CL6)	100.1		0	ND	0	ND	102	
126 (CL5)	106		0	ND	0	ND	118.9	
153 (CL6)	75		1.1		1.1		57.2	
170 (CL7)	112		0	ND	0	ND	104.5	
180 (CL7)	94.9		0	ND	0	ND	106.5	
187/182/159(CL7/7/6)	97.7		0.4	J	0.3	J	87	
195 (CL8)	99.4		0	ND	0	ND	119.4	
206 (CL9)	89.2		0	ND	0	ND	93.8	
209 (CL10)	108.4		0	ND	0	ND	106.8	
Surrogate Recoveries								
DBOFB%:	65.9		78.5		75.9		79.2	
PCB#103%:	69.4		91.4		68.6		96.6	
PCB#198%:	69.5		89.6		81.5		98.3	

Trace Metal

Mussel Watch Project Year 8 - Trace Metal

SITE	LABSAMP	SRMID	ADGDAT	SAMPTYPE	PON	WETWTR	ADWT	% MOIST	MATXCOD	UNITTM	UNITQUAL	Ag
LMSB	K7031		6/15/93	SAMP	S&T Oysters	35.89	0.1977	81.44	TISSUE	PPM	DRY	0.96
CCNB	K7025		6/15/93	SAMP	S&T Oysters	37.92	0.1991	85.28	TISSUE	PPM	DRY	1.10
ABLR	K7035		6/15/93	SAMP	S&T Oysters	37.98	0.1969	85.78	TISSUE	PPM	DRY	0.86
MBAR	K7033		6/15/93	SAMP	S&T Oysters	31.11	0.1948	90.00	TISSUE	PPM	DRY	1.01
SAPP	K7043		6/15/93	SAMP	S&T Oysters	5.23	0.1905	91.59	TISSUE	PPM	DRY	1.35
EVFU	K7125		6/16/93	SAMP	S&T Oysters	28.63	0.1979	90.88	TISSUE	PPM	DRY	0.70
ESBD	K7045		6/15/93	SAMP	S&T Oysters	30.97	0.1947	90.70	TISSUE	PPM	DRY	1.61
MBGP	K7037		6/15/93	SAMP	S&T Oysters	33.69	0.196	91.78	TISSUE	PPM	DRY	1.44
MBLR	K7039		6/15/93	SAMP	S&T Oysters	29.27	0.1945	89.96	TISSUE	PPM	DRY	2.72
MBCB	K7041		6/15/93	SAMP	S&T Oysters	30.31	0.1911	87.03	TISSUE	PPM	DRY	1.57
MBTP	K7027		6/15/93	SAMP	S&T Oysters	25.15	0.192	83.90	TISSUE	PPM	DRY	1.67
MBEM	K7029		6/15/93	SAMP	S&T Oysters	33.72	0.1971	84.37	TISSUE	PPM	DRY	1.82
BRCL	K7003		6/15/93	SAMP	S&T Oysters	31.07	0.1983	90.02	TISSUE	PPM	DRY	2.66
BRFS	K7001		6/15/93	SAMP	S&T Oysters	33.76	0.1968	88.71	TISSUE	PPM	DRY	1.34
GBHR	K7015		6/15/93	SAMP	S&T Oysters	21.03	0.1934	82.79	TISSUE	PPM	DRY	2.91
GBSC	K7009		6/15/93	SAMP	S&T Oysters	26.28	0.1984	83.98	TISSUE	PPM	DRY	1.50
GBTD	K7013		6/15/93	SAMP	S&T Oysters	37.01	0.1915	85.03	TISSUE	PPM	DRY	2.79
GBYC	K7005		6/15/93	SAMP	S&T Oysters	32.97	0.1941	86.87	TISSUE	PPM	DRY	1.68
GBOB	K7011		6/15/93	SAMP	S&T Oysters	30.32	0.1973	88.46	TISSUE	PPM	DRY	0.48
SLBB	K7017		6/15/93	SAMP	S&T Oysters	39.06	0.199	88.79	TISSUE	PPM	DRY	3.27
CLSJ	K7021		6/15/93	SAMP	S&T Oysters	37.48	0.1985	92.34	TISSUE	PPM	DRY	1.74
CLLC	K7019		6/15/93	SAMP	S&T Oysters	32.05	0.1954	85.83	TISSUE	PPM	DRY	1.02
JHJH	K7023		6/15/93	SAMP	S&T Oysters	34.09	0.1927	84.95	TISSUE	PPM	DRY	2.21
VBSP	K7047		6/15/93	SAMP	S&T Oysters	34.77	0.1952	83.38	TISSUE	PPM	DRY	3.76
ABOB	K7057		6/15/93	SAMP	S&T Oysters	34.75	0.1984	85.04	TISSUE	PPM	DRY	1.81
CLCL	K7059		6/15/93	SAMP	S&T Oysters	34.5	0.1929	82.72	TISSUE	PPM	DRY	1.14
TBLB	K7053		6/15/93	SAMP	S&T Oysters	27.2	0.1963	91.88	TISSUE	PPM	DRY	0.56
TBLF	K7055		6/15/93	SAMP	S&T Oysters	30.51	0.1973	80.73	TISSUE	PPM	DRY	0.44
BBSD	K7049		6/15/93	SAMP	S&T Oysters	29.1	0.1979	83.64	TISSUE	PPM	DRY	1.67
BBMB	K7051		6/15/93	SAMP	S&T Oysters	31.46	0.1924	84.36	TISSUE	PPM	DRY	0.32
MRTP	K7063		6/15/93	SAMP	S&T Oysters	28.03	0.1989	86.91	TISSUE	PPM	DRY	2.85
MRPL	K7061		6/15/93	SAMP	S&T Oysters	30.48	0.1947	90.88	TISSUE	PPM	DRY	4.65
BSSI	K7073		6/16/93	SAMP	S&T Oysters	27.84	0.1984	90.27	TISSUE	PPM	DRY	3.43
BSBG	K7065		6/16/93	SAMP	S&T Oysters	26.28	0.1955	85.96	TISSUE	PPM	DRY	0.81
LBMP	K7067		6/15/93	SAMP	S&T Oysters	19.32	0.1974	88.20	TISSUE	PPM	DRY	2.37

Mussel Watch Project Year 8 - Trace Metal

SITE	LABSAMP	SRMID	ADGDAT	SAMPTYPE	PON	WETWTR	ADWT	% MOIST	MATXCOD	UNITTM	UNITQUAL	Ag
MSPC	K7071		6/16/93	SAMP	S&T Oysters	35.73	0.1969	85.28	TISSUE	PPM	DRY	3.80
MSBB	K7069		6/15/93	SAMP	S&T Oysters	19.5	0.1914	86.67	TISSUE	PPM	DRY	2.88
MSPB	K7079		6/16/93	SAMP	S&T Oysters	35.49	0.1965	90.19	TISSUE	PPM	DRY	2.30
MBCP	K7077		6/16/93	SAMP	S&T Oysters	27.81	0.1977	85.98	TISSUE	PPM	DRY	2.01
MBHI	K7075		6/16/93	SAMP	S&T Oysters	19.88	0.1985	90.85	TISSUE	PPM	DRY	6.58
PBPH	K7089		6/16/93	SAMP	S&T Oysters	26.16	0.1964	89.03	TISSUE	PPM	DRY	2.07
PBIB	K7087		6/16/93	SAMP	S&T Oysters	30.7	0.1972	91.30	TISSUE	PPM	DRY	2.86
PBSP	K7091		6/16/93	SAMP	S&T Oysters	33.5	0.1972	88.00	TISSUE	PPM	DRY	1.67
CBJB	K7083		6/16/93	SAMP	S&T Oysters	33.28	0.1981	84.28	TISSUE	PPM	DRY	0.60
CBSR	K7085		6/16/93	SAMP	S&T Oysters	32.64	0.1973	90.38	TISSUE	PPM	DRY	2.37
CBPP	K7081		6/16/93	SAMP	S&T Oysters	29.01	0.1984	86.38	TISSUE	PPM	DRY	4.48
PCLO	K7093		6/16/93	SAMP	S&T Oysters	29.28	0.1983	85.18	TISSUE	PPM	DRY	0.90
PCMP	K7097		6/16/93	SAMP	S&T Oysters	33.13	0.1952	86.51	TISSUE	PPM	DRY	2.14
SAWB	K7095		6/16/93	SAMP	S&T Oysters	33.39	0.1965	86.52	TISSUE	PPM	DRY	2.47
APDB	K7099		6/16/93	SAMP	S&T Oysters	25.83	0.1975	85.25	TISSUE	PPM	DRY	1.77
APCP	K7105		6/16/93	SAMP	S&T Oysters	25.75	0.1987	84.82	TISSUE	PPM	DRY	1.13
AESP	K7103		6/16/93	SAMP	S&T Oysters	24.43	0.1964	92.43	TISSUE	PPM	DRY	1.05
CKBP	K7101		6/16/93	SAMP	S&T Oysters	19.02	0.1955	85.49	TISSUE	PPM	DRY	0.35
TBNP	K7111		6/16/93	SAMP	S&T Oysters	28.95	0.1966	88.26	TISSUE	PPM	DRY	2.07
TBMK	K7107		6/16/93	SAMP	S&T Oysters	25.13	0.1964	82.21	TISSUE	PPM	DRY	0.28
TBPB	K7119		6/16/93	SAMP	S&T Oysters	34.02	0.1976	84.69	TISSUE	PPM	DRY	1.33
TBOT	K7113		6/16/93	SAMP	S&T Oysters	26.18	0.1966	88.24	TISSUE	PPM	DRY	2.11
TBKA	K7109		6/16/93	SAMP	S&T Oysters	15.87	0.1984	85.13	TISSUE	PPM	DRY	2.48
TBHB	K7117		6/16/93	SAMP	S&T Oysters	21.15	0.1939	82.32	TISSUE	PPM	DRY	1.48
TBCB	K7115		6/16/93	SAMP	S&T Oysters	13.59	0.1971	85.50	TISSUE	PPM	DRY	1.38
CBBI	K7129		6/16/93	SAMP	S&T Oysters	27.3	0.1959	92.12	TISSUE	PPM	DRY	3.01
CBFM	K7127		6/16/93	SAMP	S&T Oysters	19.47	0.1963	86.70	TISSUE	PPM	DRY	3.01
NBNB	K7121		6/16/93	SAMP	S&T Oysters	26.98	0.1989	87.51	TISSUE	PPM	DRY	4.37
RBHC	K7123		6/16/93	SAMP	S&T Oysters	17.72	0.1994	86.17	TISSUE	PPM	DRY	1.03
GBCR	K7007		6/15/93	SAMP	S&T Oysters	34.82	0.193	88.91	TISSUE	PPM	DRY	5.17
PRBB	K7131		6/16/93	SAMP	S&T Oysters	26.83	0.1949	87.29	TISSUE	PPM	DRY	0.10
PRBM	K7133		6/16/93	SAMP	S&T Oysters	10.71	0.1948	89.26	TISSUE	PPM	DRY	1.28
PRBJ	K7135		6/16/93	SAMP	S&T Oysters	15.66	0.1941	89.66	TISSUE	PPM	DRY	0.52

Mussel Watch Project Year 8 - Trace Metal

SITE	LABSAMP	As	Cd	Cr	Cu	Fe	Hg	Ni	Pb	Se	Sn	Zn
LMSB	K7031	5.61	2.57	0.29	62	197	0.050	1.02	0.52	2.69	0.09	297
CCNB	K7025	6.20	2.94	0.39	152	247	0.158	1.22	1.18	2.90	0.01	3490
ABLR	K7035	7.02	2.47	0.46	76	280	0.126	1.39	0.74	3.32	0.11	806
MBAR	K7033	10.87	2.39	0.96	103	839	0.163	1.26	0.89	2.02	0.07	1273
SAPP	K7043	6.01	3.83	0.49	61	299	0.064	1.28	0.66	3.40	0.07	341
EVFU	K7125	5.06	2.44	0.91	60	246	0.216	1.48	0.26	1.38	0.01	1317
ESBD	K7045	9.29	3.51	0.57	114	361	0.113	1.65	0.50	3.45	0.05	889
MBGP	K7037	5.13	2.81	0.80	117	475	0.355	3.07	0.84	3.29	0.09	1643
MBLR	K7039	4.46	5.52	0.59	200	441	0.778	2.31	1.05	4.06	0.14	1455
MBCB	K7041	4.57	3.53	0.57	152	276	0.125	2.09	0.55	2.97	0.07	1035
MBTP	K7027	5.37	2.91	0.86	116	492	0.077	1.91	0.83	3.06	0.00	896
MBEM	K7029	5.55	6.39	0.51	134	324	0.062	1.52	0.49	3.22	0.05	758
BRCL	K7003	4.84	3.64	1.58	265	922	0.089	2.29	1.19	2.96	0.07	2017
BRFS	K7001	4.89	2.45	1.11	156	599	0.037	2.03	0.72	2.80	0.10	2243
GBHR	K7015	4.64	5.98	0.96	165	661	0.082	2.22	0.76	3.70	0.08	1164
GBSC	K7009	3.68	3.59	0.89	148	222	0.043	2.15	0.75	3.60	0.65	4630
GBTD	K7013	4.40	4.00	0.40	174	245	0.062	1.96	0.56	3.23	0.30	2348
GBYC	K7005	3.94	4.21	0.97	127	385	0.055	1.91	0.91	3.10	0.83	2036
GBOB	K7011	5.81	0.96	0.27	112	115	0.031	1.21	1.20	2.18	0.06	3389
SLBB	K7017	9.95	4.70	0.82	213	415	0.075	1.77	0.58	3.27	0.13	3306
CLSJ	K7021	8.62	3.71	0.49	128	315	0.133	2.39	0.45	3.40	0.05	1497
CLLC	K7019	5.17	2.34	0.29	153	192	0.108	2.01	0.45	2.86	0.17	3240
JHJH	K7023	9.21	4.31	0.32	157	258	0.062	1.49	0.40	3.71	0.00	1753
VBSP	K7047	6.36	7.08	0.50	306	298	0.042	2.01	0.48	2.85	0.00	1916
ABOB	K7057	6.90	4.40	0.39	184	244	0.047	1.41	0.48	2.37	0.00	2128
CLCL	K7059	6.98	4.21	0.83	148	498	0.044	2.26	1.03	2.11	0.00	2242
TBLB	K7053	5.76	2.55	0.50	120	353	0.076	1.73	0.56	2.18	0.00	1843
TBLF	K7055	6.95	1.99	0.43	118	171	0.042	1.62	0.42	1.78	0.00	1764
BBSD	K7049	6.01	3.50	0.56	192	292	0.037	2.44	0.52	1.56	0.01	2202
BBMB	K7051	10.40	1.41	0.51	39	336	0.067	1.64	0.48	1.66	0.44	1258
MRTP	K7063	4.76	7.93	0.48	271	210	0.076	2.08	0.42	2.31	0.15	2146
MRPL	K7061	5.68	13.69	2.59	368	1471	0.091	4.72	1.38	3.22	0.13	2833
BSSI	K7073	4.86	12.13	0.46	281	248	0.068	3.59	0.46	2.60	0.13	2785
BSBG	K7065	3.88	5.37	0.72	103	577	0.203	2.10	0.68	2.22	0.07	2081
LBMP	K7067	4.18	10.85	1.12	343	673	0.269	3.39	0.73	2.36	0.08	5164

Mussel Watch Project Year 8 - Trace Metal

SITE	LABSAMP	As	Cd	Cr	Cu	Fe	Hg	Ni	Pb	Se	Sn	Zn
MSPC	K7071	5.93	9.35	0.74	172	343	0.092	2.41	0.49	1.97	0.04	3604
MSBB	K7069	8.21	7.19	0.68	258	349	0.115	1.45	1.09	2.35	0.15	5620
MSPB	K7079	8.90	2.33	0.36	161	197	0.102	1.53	0.34	2.56	0.19	3713
MBCP	K7077	4.93	2.93	0.39	97	241	0.138	1.99	0.26	1.97	0.09	1039
MBHI	K7075	4.34	8.82	1.19	446	647	0.122	3.24	0.78	2.00	0.17	8879
PBPH	K7089	6.82	3.02	0.38	79	258	0.149	1.38	0.47	2.35	0.05	2620
PBIB	K7087	6.34	4.22	1.75	97	1248	0.177	2.87	0.89	2.02	0.04	1278
PBSP	K7091	11.59	1.99	0.50	70	186	0.150	1.40	0.33	2.44	0.06	1420
CBJB	K7083	7.19	2.97	1.00	467	692	0.331	0.82	1.24	2.95	0.43	5631
CBSR	K7085	5.97	3.50	0.74	70	480	0.193	1.61	0.39	2.47	0.05	1147
CBPP	K7081	5.12	2.42	0.59	93	267	0.334	0.94	11.10	3.12	0.12	3537
PCLO	K7093	8.85	1.08	0.27	30	157	0.119	0.52	0.41	2.04	0.07	1789
PCMP	K7097	13.53	1.07	0.64	420	181	0.108	0.87	0.68	2.19	0.71	2763
SAWB	K7095	11.82	0.71	0.89	385	314	0.082	0.87	1.89	1.91	0.19	6281
APDB	K7099	4.30	2.85	1.26	73	846	0.175	1.78	0.62	1.75	0.06	522
APCP	K7105	6.03	1.68	1.01	193	620	0.114	1.56	0.62	1.53	0.08	832
AESP	K7103	6.58	3.35	0.99	40	261	0.190	1.06	0.50	2.79	0.08	1189
CKBP	K7101	7.65	1.24	0.67	14	217	0.096	0.99	0.33	1.34	0.02	379
TBNP	K7111	44.52	0.94	0.87	115	237	0.153	1.27	1.23	1.27	0.16	2359
TBMK	K7107	9.32	1.23	0.56	19	181	0.131	0.81	0.57	1.20	0.01	332
TBPB	K7119	4.15	1.37	1.19	62	303	0.266	1.34	1.30	2.13	0.00	2339
TBOT	K7113	2.86	2.55	1.91	116	788	0.532	1.89	1.33	1.89	0.02	8023
TBKA	K7109	4.05	1.97	0.48	179	149	0.072	1.19	1.93	2.09	0.51	3304
TBHB	K7117	4.79	2.73	1.02	82	257	0.127	1.30	0.91	1.81	0.47	2017
TBCB	K7115	4.57	3.42	0.99	89	362	0.159	1.31	0.94	1.54	0.28	2092
CBBI	K7129	22.96	2.03	2.16	209	427	0.216	1.35	0.72	1.68	0.05	3266
CBFM	K7127	5.35	3.73	0.88	203	256	0.125	1.16	0.80	2.30	0.17	3055
NBNB	K7121	12.93	0.96	0.92	556	194	0.096	0.80	0.37	1.27	0.13	3705
RBHC	K7123	10.75	1.76	1.23	67	247	0.140	0.87	0.33	1.06	0.00	743
GBCR	K7007	5.17	3.01	0.69	141	351	0.111	1.51	0.72	2.68	0.21	1970
PRBB	K7131	11.87	0.37	2.07	38	428	0.097	1.82	0.17	2.12	0.07	617
PRBM	K7133	14.23	0.60	0.93	321	272	0.175	1.17	0.20	3.51	0.00	3477
PRBJ	K7135	10.01	1.17	0.45	197	320	0.080	1.08	0.17	2.24	0.00	707

Trace Metal QC Data

Mussel Watch Project Year 8 - Trace Metal QC Data

SITE	LABSAMP	SRMID	ADGDAT	SAMPTYPE	PON	WETWTR	ADWT	% MOIST	MATXCOD	UNITTM	UNITQUAL	Ag
MBTP	K7027		6/15/93	SAMP	S&T Oysters	25.15	0.192	83.90	TISSUE	PPM	DRY	1.67
MBTP	K7027-DUP		6/15/93	LDUP	S&T Oysters		0.199	83.90	TISSUE	PPM	DRY	1.63
MBEM	K7029		6/15/93	SAMP	S&T Oysters	33.72	0.1971	84.37	TISSUE	PPM	DRY	1.82
MBEM	SPIKE		6/15/93	SPIKE	S&T Oysters				TISSUE	PPM	DRY	1.02
MBEM	K7029-SPK		6/15/93	MS	S&T Oysters		0.1962	84.37	TISSUE	PPM	DRY	2.60
GBSC	K7009		6/15/93	SAMP	S&T Oysters	26.28	0.1984	83.98	TISSUE	PPM	DRY	1.50
GBSC	SPIKE		6/15/93	SPIKE	S&T Oysters				TISSUE	PPM	DRY	1.01
GBSC	K7009-SPK		6/15/93	MS	S&T Oysters		0.1975	83.98	TISSUE	PPM	DRY	2.23
VBSP	K7047		6/15/93	SAMP	S&T Oysters	34.77	0.1952	83.38	TISSUE	PPM	DRY	3.76
VBSP	K7047-DUP		6/15/93	LDUP	S&T Oysters			83.38	TISSUE	PPM	DRY	3.81
CLCL	K7059		6/15/93	SAMP	S&T Oysters	34.5	0.1929	82.72	TISSUE	PPM	DRY	1.14
CLCL	K7059-DUP		6/15/93	LDUP	S&T Oysters		0.2004	82.72	TISSUE	PPM	DRY	1.05
TBLF	K7055		6/15/93	SAMP	S&T Oysters	30.51	0.1973	80.73	TISSUE	PPM	DRY	0.44
TBLF	SPIKE		6/15/93	SPIKE	S&T Oysters				TISSUE	PPM	DRY	1.01
TBLF	K7055-SPK		6/15/93	MS	S&T Oysters		0.1989	80.73	TISSUE	PPM	DRY	1.35
BSBG	K7065		6/16/93	SAMP	S&T Oysters	26.28	0.1955	85.96	TISSUE	PPM	DRY	0.81
BSBG	K7065-DUP		6/16/93	LDUP	S&T Oysters		0.1985	85.96	TISSUE	PPM	DRY	0.82
MSPB	K7079		6/16/93	SAMP	S&T Oysters	35.49	0.1965	90.19	TISSUE	PPM	DRY	2.30
MSPB	SPIKE		6/16/93	SPIKE	S&T Oysters				TISSUE	PPM	DRY	1.01
MSPB	K7079-SPK		6/16/93	MS	S&T Oysters		0.1979	90.19	TISSUE	PPM	DRY	3.33
APDB	K7099		6/16/93	SAMP	S&T Oysters	25.83	0.1975	85.25	TISSUE	PPM	DRY	1.77
APDB	K7099-DUP		6/16/93	LDUP	S&T Oysters		0.1982	85.25	TISSUE	PPM	DRY	1.83
AESP	K7103		6/16/93	SAMP	S&T Oysters	24.43	0.1964	92.43	TISSUE	PPM	DRY	1.05
AESP	K7103-DUP		6/16/93	LDUP	S&T Oysters		0.196	92.43	TISSUE	PPM	DRY	1.00
TBNP	K7111		6/16/93	SAMP	S&T Oysters	28.95	0.1966	88.26	TISSUE	PPM	DRY	2.07
TBNP	SPIKE		6/16/93	SPIKE	S&T Oysters				TISSUE	PPM	DRY	1.03
TBNP	K7111-SPK		6/16/93	MS	S&T Oysters		0.1942	88.26	TISSUE	PPM	DRY	2.98
TBPB	K7119		6/16/93	SAMP	S&T Oysters	34.02	0.1976	84.69	TISSUE	PPM	DRY	1.33
TBPB	SPIKE		6/16/93	SPIKE	S&T Oysters				TISSUE	PPM	DRY	1.01
TBPB	K7119-SPK		6/16/93	MS	S&T Oysters		0.1989	84.69	TISSUE	PPM	DRY	2.27

Mussel Watch Project Year 8 - Trace Metal QC Data

SITE	LABSAMP	SRMID	ADGDAT	SAMPTYPE	PON	WETWTR	ADWT	% MOIST	MATXCOD	UNITTM	UNITQUAL	Ag
	SRMLEV	NIST 1566a		SRMLEV	S&T Oysters				TISSUE	PPM	DRY	1.68
	NBS-OYS-C	NIST 1566a	6/15/93	SRM	S&T Oysters		0.1968		TISSUE	PPM	DRY	1.63
	NBS-OYS-D	NIST 1566a	6/15/93	SRM	S&T Oysters		0.192		TISSUE	PPM	DRY	1.67
	NBS-OYS-J	NIST 1566a	6/15/93	SRM	S&T Oysters		0.1966		TISSUE	PPM	DRY	1.61
	NBS-OYS-P	NIST 1566a	6/16/93	SRM	S&T Oysters		0.1998		TISSUE	PPM	DRY	1.50
	NBS-OYS-R	NIST 1566a	6/16/93	SRM	S&T Oysters		0.1977		TISSUE	PPM	DRY	1.66
	NBS-OYS-W	NIST 1566a	6/16/93	SRM	S&T Oysters		0.1955		TISSUE	PPM	DRY	1.73
	BLANK-A		6/15/93	BLANK	S&T Oysters				TISSUE	TOTMCG		0.00
	BLANK-B		6/15/93	BLANK	S&T Oysters				TISSUE	TOTMCG		0.00
	BLANK-H		6/15/93	BLANK	S&T Oysters				TISSUE	TOTMCG		0.00
	BLANK-M		6/16/93	BLANK	S&T Oysters				TISSUE	TOTMCG		0.00
	BLANK-N		6/16/93	BLANK	S&T Oysters				TISSUE	TOTMCG		0.00
	BLANK-U		6/16/93	BLANK	S&T Oysters				TISSUE	TOTMCG		0.00

Mussel Watch Project Year 8 - Trace Metal QC Data

SITE	LABSAMP	As	Cd	Cr	Cu	Fe	Hg	Ni	Pb	Se	Sn	Zn
MBTP	K7027	5.37	2.91	0.86	116	492	0.077	1.91	0.83	3.06	0.00	896
MBTP	K7027-DUP	5.23	3.36	0.84	115	485	0.081	2.13	0.79	2.93	0.09	939
MBEM	K7029	5.55	6.39	0.51	134	324	0.062	1.52	0.49	3.22	0.05	758
MBEM	SPIKE	8.90	2.16	20.39	224	510	0.101	20.39	5.10	20.39	5.10	2141
MBEM	K7029-SPK	14.22	8.44	19.65	364	861	0.143	19.81	5.32	25.51	5.08	2744
GBSC	K7009	3.68	3.59	0.89	148	222	0.043	2.15	0.75	3.60	0.65	4630
GBSC	SPIKE	8.84	2.14	20.25	223	506	0.101	20.25	5.06	20.25	5.06	2127
GBSC	K7009-SPK	12.45	5.52	20.32	354	693	0.154	20.91	5.51	26.55	5.49	6598
VBSP	K7047	6.36	7.08	0.50	306	298	0.042	2.01	0.48	2.85	0.00	1916
VBSP	K7047-DUP	6.34	7.41	0.47	329	284	0.041	2.03	0.48	3.00	0.00	1981
CLCL	K7059	6.98	4.21	0.83	148	498	0.044	2.26	1.03	2.11	0.00	2242
CLCL	K7059-DUP	6.87	4.05	0.89	144	472	0.044	2.28	0.97	2.13	0.00	2192
TBLF	K7055	6.95	1.99	0.43	118	171	0.042	1.62	0.42	1.78	0.00	1764
TBLF	SPIKE	8.78	2.13	20.11	221	503	0.100	20.11	5.03	20.11	5.03	2112
TBLF	K7055-SPK	14.06	3.88	18.13	342	681	0.134	19.01	5.04	21.29	5.02	3741
BSBG	K7065	3.88	5.37	0.72	103	577	0.203	2.10	0.68	2.22	0.07	2081
BSBG	K7065-DUP	4.10	5.11	0.69	102	580	0.209	1.88	0.66	1.97	0.06	1924
MSPB	K7079	8.90	2.33	0.36	161	197	0.102	1.53	0.34	2.56	0.19	3713
MSPB	SPIKE	8.83	2.14	20.21	222	505	0.101	20.21	5.05	20.21	5.05	2122
MSPB	K7079-SPK	17.14	4.48	18.47	397	729	0.193	22.37	5.24	25.33	5.56	5944
APDB	K7099	4.30	2.85	1.26	73	846	0.175	1.78	0.62	1.75	0.06	522
APDB	K7099-DUP	4.31	2.67	1.36	70	825	0.178	1.90	0.57	1.75	0.09	548
AESP	K7103	6.58	3.35	0.99	40	261	0.190	1.06	0.50	2.79	0.08	1189
AESP	K7103-DUP	6.66	3.30	0.88	39	260	0.202	1.12	0.50	2.71	0.09	1199
TBNP	K7111	44.52	0.94	0.87	115	237	0.153	1.27	1.23	1.27	0.16	2359
TBNP	SPIKE	8.99	2.18	20.60	227	515	0.102	20.60	5.15	20.60	5.15	2163
TBNP	K7111-SPK	53.05	3.17	18.46	341	740	0.231	20.87	6.66	22.45	5.79	4305
TBPB	K7119	4.15	1.37	1.19	62	303	0.266	1.34	1.30	2.13	0.00	2339
TBPB	SPIKE	8.78	2.13	20.11	221	503	0.100	20.11	5.03	20.11	5.03	2112
TBPB	K7119-SPK	12.86	3.51	21.70	293	851	0.342	21.47	6.64	23.16	5.13	4430

Mussel Watch Project Year 8 - Trace Metal QC Data

SITE	LABSAMP	As	Cd	Cr	Cu	Fe	Hg	Ni	Pb	Se	Sn	Zn
	SRMLEV	14.00	4.15	1.43	66	539	0.064	2.25	0.37	2.21		830
	NBS-OYS-C	13.69	4.10	1.45	65	514	0.056	2.30	0.39	2.17	1.90	829
	NBS-OYS-D	13.53	4.02	1.46	64	521	0.063	2.40	0.36	2.19	1.62	854
	NBS-OYS-J	12.94	3.68	1.26	66	499	0.064	1.93	0.36	2.03	1.88	838
	NBS-OYS-P	12.76	3.70	1.29	65	507	0.060	2.53	0.36	1.90	1.75	836
	NBS-OYS-R	12.14	4.28	1.37	65	515	0.063	2.11	0.35	1.94	1.30	828
	NBS-OYS-W	13.35	3.65	1.28	65	528	0.065	2.05	0.33	1.96	1.21	851
	BLANK-A	0.00	0.01	0.01	0	0	0.001	0.01	0.01	0.00	0.00	0
	BLANK-B	0.00	0.01	0.01	0	0	0.001	0.00	0.01	0.01	0.00	0
	BLANK-H	0.01	0.01	0.01	0	0	0.001	0.00	0.00	0.00	0.00	0
	BLANK-M	0.00	0.01	0.01	0	0	0.001	0.00	0.01	0.01	0.00	0
	BLANK-N	0.01	0.01	0.01	0	0	0.001	0.00	0.00	0.00	0.00	0
	BLANK-U	0.01	0.00	0.01	0	0	0.001	0.00	0.01	0.00	0.00	0

ST. JOHN'S CORE DATA

Hydrocarbon Results

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:	DUPLICATE	PROC BLANK	SPIKED MATRIX	CONTROL	CONTROL	CONTROL
ID:	X-3 42-43	-900	X-3 42-43	-700	-700	-700
LABSAMNO:	Q3365	Q3366	Q3367	W26690	W26691	W26699
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M495	M495	M495	M492	M494	M495
WETWT:	16.66	10.00	16.99	1.00	1.00	1.00
DRYWT:	6.03	10.00	6.15	1.00	1.00	1.00
LAB:	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	QCSEDIMENT	QCBLANK	SEDIMENT	QCSBLANK	QCSBLANK	QCSBLANK
SUBMAT:				EV OIL	EV OIL	EV OIL
UNIT:	ng/g	ng/g	%	ng/g	ng/g	ng/g
PNA Analyte	Conc	Conc	% Recov	Conc	Conc	Conc
NAPHTHALENE	33.6	0.5	127.4	612.0	654.7	633.0
C1-NAPHTHALENES	25.3	0.7		1968.5	1968.3	1962.6
C2-NAPHTHALENES	30.3	0.0		2012.6	2064.1	1863.9
C3-NAPHTHALENES	33.1	0.0		1426.3	1550.4	1100.9
C4-NAPHTHALENES	49.6	0.0		817.4	897.2	587.6
BIPHENYL	9.7	0.2	128.0	167.0	150.7	216.5
ACENAPHTHYLENE	42.7	0.1	117.9	1.0	0.9	0.8
ACENAPHTHENE	5.5	0.1	125.6	14.7	11.7	16.0
FLUORENE	15.3	0.2	93.5	77.7	78.7	84.5
C1-FLUORENES	18.2	0.0		182.8	164.5	195.0
C2-FLUORENES	29.8	0.0		218.1	218.0	221.0
C3-FLUORENES	39.0	0.0		218.3	188.8	188.7
PHENANTHRENE	61.2	0.3	98.6	217.7	198.7	237.6
ANTHRACENE	53.0	0.1	104.9	2.5	3.6	3.9
C1-PHEN_ANTHR	74.2	0.0		402.1	375.1	374.1
C2-PHEN_ANTHR	90.7	0.0		421.0	385.4	389.0
C3-PHEN_ANTHR	65.1	0.0		233.5	213.3	209.4
C4-PHEN_ANTHR	45.1	0.0		145.3	118.6	130.8
DIBENZOTHIO	4.6	0.1	73.9	136.8	114.2	163.6
C1-DIBEN	11.1	0.0		245.3	213.2	241.1
C2-DIBEN	23.6	0.0		326.1	277.9	304.2
C3-DIBEN	21.3	0.0		203.8	175.4	191.1
FLUORANTHENE	186.0	0.1	109.1	10.2	8.6	11.0
PYRENE	200.6	0.1	102.9	13.5	13.7	13.1
C1-FLUORAN_PYR	165.9	0.0		56.9	54.2	56.4
BENaANTHRACENE	145.5	0.1	86.1	5.6	3.3	4.6
CHRYSENE	117.3	0.2	80.7	55.4	46.5	55.9
C1-CHRYSENES	137.7	0.0		74.9	58.5	59.7
C2-CHRYSENES	86.2	0.0		96.6	83.2	92.9
C3-CHRYSENES	16.4	0.0		41.4	45.3	33.6
C4-CHRYSENES	17.1	0.0		41.8	38.5	41.9
BENbFLUORAN	119.8	0.0	109.6	5.2	3.7	3.8
BENkFLUORAN	35.5	0.1	106.1	4.7	4.2	3.7
BENePYRENE	59.3	0.1	83.1	10.9	8.9	9.0
BENaPYRENE	86.1	0.1	101.3	2.4	2.3	2.3
PERYLENE	358.9	0.3	111.3	2.0	2.3	3.1
I123cdPYRENE	49.4	0.1	113.7	1.3	1.0	1.5
DBahANTHRA	13.5	0.0	72.5	1.7	2.0	2.6
BghiPERYLENE	46.8	0.1	126.6	4.3	3.9	4.1
Total PAHs	2264.8	2.9	NA	10477.0	10400.8	9711.2

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:	DUPLICATE	PROC BLANK	SPIKED MATRIX	CONTROL	CONTROL	CONTROL
ID:	X-3 42-43	-900	X-3 42-43	-700	-700	-700
LABSAMNO:	Q3365	Q3366	Q3367	W26690	W26691	W26699
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M495	M495	M495	M492	M494	M495
WETWT:	16.66	10.00	16.99	1.00	1.00	1.00
DRYWT:	6.03	10.00	6.15	1.00	1.00	1.00
LAB:	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	QCSEDIMENT	QCBLANK	SEDIMENT	QCSBLANK	QCSBLANK	QCSBLANK
SUBMAT:				EV OIL	EV OIL	EV OIL
UNIT:	ng/g	ng/g	%	ng/g	ng/g	ng/g
Analyte (Cont)	Conc	Conc	% Recov	Conc	Conc	Conc
2-METHYLNAPH	17.5	0.4	90.3	1075.7	1080.4	1080.8
1-METHYLNAPH	7.8	0.3	81.6	892.8	887.9	881.9
2,6-DIMETHNAPH	11.2	0.2	107.0	650.4	612.0	824.4
2,3,5-TRIMETHNAPH	9.5	0.3	78.4	349.0	336.1	353.9
1-METHYLPHEN	19.2	0.1	74.4	165.8	153.4	168.2
Surrogate Recoveries						
	%	%	%	%	%	%
NAPHD8:	99.04	109.15	106.69	91.60	240.96	130.18
ACEND10:	92.72	96.98	80.85	90.70	264.87	94.42
PHEND10:	84.13	80.61	84.44	78.62	236.56	85.07
CHRYD12:	41.71	62.84	**36.00**	58.80	158.34	62.14
PERYD12:	57.98	20.75	59.78	76.28	104.18	65.03

BOLD SURROGATE RECOVERIES = MATRIX INTERFERENCE

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 0-1	X-3 1-2	X-3 3-4	X-3 4-5	X-3 5-6	X-3 6-7	X-3 7-8
LABSAMNO:	C3890	C3891	C3892	C3893	C3894	C3895	C3896
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M492	M492	M492	M492	M492	M492	M492
WETWT:	6.18	17.79	36.64	22.54	13.95	32.49	27.29
DRYWT:	2.01	6.03	10.04	7.19	3.92	10.04	7.97
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
Alkanes and Isoprenoids	Conc	Conc	Conc	Conc	Conc	Conc	Conc
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
C10	275	32	59	21	95	30	55
C11	50	11	21	18	16	19	23
C12	82	16	23	14	33	16	24
C13	48	15	24	12	38	12	18
C14	146	45	41	22	125	23	43
C15	143	66	62	42	129	43	58
C16	73	23	23	13	55	11	27
C17	285	235	245	211	302	318	279
PRISTANE	200	154	149	171	218	313	246
C18	102	64	69	74	116	77	70
PHYTANE	298	214	232	266	400	362	282
C19	501	486	503	445	504	624	426
C20	316	279	280	226	266	315	236
C21	324	324	323	268	332	384	317
C22	328	325	313	292	363	371	347
C23	1071	915	778	802	1102	866	946
C24	773	589	523	560	762	593	612
C25	2014	1707	1490	1501	1985	1671	1742
C26	954	840	729	725	999	811	853
C27	3436	3014	2745	3161	3569	2905	3259
C28	1379	1180	1023	972	1349	1106	1150
C29	4860	4467	4045	4038	5118	4348	4524
C30	1296	1176	1108	1094	1296	1229	1274
C31	4904	5220	4900	4755	5523	5183	5483
C32	572	688	686	683	648	765	714
C33	767	2083	1971	1892	1401	2236	2259
C34	20	173	180	202	105	225	186
TOT ALKANES	25218	24340	22546	22480	26846	24854	25454
UNIT:	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
UCM	624	461	519	462	631	677	514
Surrogate Recoveries	%	%	%	%	%	%	%
C12ALKD:	42.9	78.6	67.0	76.4	81.8	70.7	73.6
C20ALKD:	43.0	65.9	50.3	73.9	84.8	51.4	75.4
C24ALKD:	46.7	92.0	86.4	101.2	96.9	94.9	103.1
C30ALKD:	43.2	91.0	81.8	97.5	96.4	91.4	95.8

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 0-1	X-3 1-2	X-3 3-4	X-3 4-5	X-3 5-6	X-3 6-7	X-3 7-8
LABSAMNO:	C3890	C3891	C3892	C3893	C3894	C3895	C3896
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M492	M492	M492	M492	M492	M492	M492
WETWT:	6.18	17.79	36.64	22.54	13.95	32.49	27.29
DRYWT:	2.01	6.03	10.04	7.19	3.92	10.04	7.97
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
PNA Analyte	Conc	Conc	Conc	Conc	Conc	Conc	Conc
NAPHTHALENE	96.2	80.5	84.8	92.7	104.1	108.0	108.9
C1-NAPHTHALENES	74.6	50.7	54.6	57.7	73.1	64.7	80.3
C2-NAPHTHALENES	89.7	50.1	55.6	54.7	74.4	67.0	79.0
C3-NAPHTHALENES	113.8	42.9	50.9	52.9	73.5	57.1	72.9
C4-NAPHTHALENES	118.7	39.4	45.9	46.2	74.0	47.6	49.1
BIPHENYL	25.3	17.2	15.3	15.4	26.0	18.2	21.1
ACENAPHTHYLENE	35.8	34.3	42.1	46.6	46.1	52.1	47.5
ACENAPHTHENE	25.9	23.8	27.6	29.9	29.6	39.0	66.8
FLUORENE	41.8	37.8	42.0	46.9	48.7	58.7	79.5
C1-FLUORENES	33.0	20.2	21.4	25.1	30.7	26.7	30.2
C2-FLUORENES	64.2	28.1	28.0	31.0	42.0	30.3	40.9
C3-FLUORENES	94.0	39.8	29.5	35.0	63.6	32.5	55.5
PHENANTHRENE	175.9	125.6	129.6	147.7	187.2	137.6	237.2
ANTHRACENE	94.8	76.0	88.7	100.3	115.0	110.3	96.6
C1-PHEN_ANTHR	109.6	65.5	65.2	74.5	101.8	71.0	83.8
C2-PHEN_ANTHR	109.3	60.3	43.5	58.5	95.3	50.5	75.1
C3-PHEN_ANTHR	101.1	44.2	29.2	37.1	69.2	33.4	68.1
C4-PHEN_ANTHR	98.9	40.0	25.7	29.2	52.5	27.3	69.0
DIBENZOTHIO	16.3	10.5	11.1	12.2	15.3	13.6	16.2
C1-DIBEN	40.3	14.7	13.9	13.2	25.8	13.7	18.5
C2-DIBEN	89.1	28.7	23.4	26.4	59.0	20.0	38.7
C3-DIBEN	57.9	23.0	15.4	18.6	43.4	16.2	35.5
FLUORANTHENE	326.1	210.8	152.7	167.7	291.9	164.5	329.7
PYRENE	405.7	227.9	155.9	175.3	316.9	152.0	371.6
C1-FLUORAN_PYR	202.7	98.0	72.4	92.5	147.6	80.3	168.2
BENaANTHRACENE	202.0	170.8	189.4	272.2	269.2	279.4	261.5
CHRYSENE	184.5	166.9	153.2	269.2	289.2	222.2	248.3
C1-CHRYSENES	139.2	110.7	110.9	183.6	181.3	157.3	161.1
C2-CHRYSENES	11.7	72.3	73.0	107.3	113.7	99.6	91.4
C3-CHRYSENES	35.4	24.9	17.3	36.3	43.6	30.5	33.5
C4-CHRYSENES	58.2	18.8	28.2	31.9	30.5	23.8	36.1
BENbFLUORAN	269.3	156.0	168.0	241.3	233.3	233.4	228.7
BENkFLUORAN	87.7	68.5	54.9	113.7	115.8	87.6	86.8
BENePYRENE	127.8	81.6	81.6	131.7	126.0	119.3	120.0
BENaPYRENE	176.7	108.3	107.8	169.6	163.8	152.6	152.5
PERYLENE	379.6	256.4	184.5	165.6	348.0	150.0	133.0
I123cdPYRENE	130.4	78.5	62.1	98.5	124.3	78.4	101.8
DBahANTHRA	30.4	17.8	15.7	24.5	30.3	19.5	25.5
BghiPERYLENE	121.8	72.8	57.6	96.9	116.2	74.1	100.8
Total PAHs	4215.7	2637.8	2443.8	3263.9	4043.6	3069.8	3987.7

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 0-1	X-3 1-2	X-3 3-4	X-3 4-5	X-3 5-6	X-3 6-7	X-3 7-8
LABSAMNO:	C3890	C3891	C3892	C3893	C3894	C3895	C3896
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M492	M492	M492	M492	M492	M492	M492
WETWT:	6.18	17.79	36.64	22.54	13.95	32.49	27.29
DRYWT:	2.01	6.03	10.04	7.19	3.92	10.04	7.97
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
Analyte (Cont)	Conc	Conc	Conc	Conc	Conc	Conc	Conc
2-METHYLNAPH	50.0	36.4	38.7	41.3	51.1	46.1	56.0
1-METHYLNAPH	24.6	14.3	15.9	16.4	22.0	18.7	24.3
2,6-DIMETHNAPH	30.0	23.6	24.1	23.8	29.2	30.9	30.1
2,3,5-TRIMETHNAPH	19.3	10.6	11.4	11.7	14.7	13.1	14.6
1-METHYLPHEN	25.5	22.8	15.9	24.2	42.0	17.1	28.7
Surrogate Recoveries							
	%	%	%	%	%	%	%
NAPHD8:	50.80	91.17	84.98	75.59	83.53	77.00	76.69
ACEND10:	55.80	90.32	92.47	82.83	94.40	79.78	80.60
PHEND10:	49.25	90.10	87.68	77.14	85.93	77.03	92.95
CHRYD12:	44.73	**29.93**	**24.42**	**16.06**	**26.05**	**15.86**	45.99
PERYD12:	36.79	65.58	92.64	82.65	54.31	92.56	99.71

BOLD SURROGATE RECOVERIES = MATRIX INTERFERENCE

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 8-9	X-3 10-11	X-3 13-14	X-3 14-15	X-3 15-16	X-3 16-17	X-3 22-23
LABSAMNO:	C3897	C3898	C3900	C3901	C3902	C3903	C3904
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M492	M492	M492	M494	M494	M494	M494
WETWT:	37.14	24.37	28.57	36.21	16.08	45.16	35.14
DRYWT:	9.99	7.31	10.00	10.03	4.60	9.98	10.05
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
Alkanes and Isoprenoids	Conc	Conc	Conc	Conc	Conc	Conc	Conc
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
C10	33	61	32	35	133	50	26
C11	17	20	9	9	18	12	17
C12	16	25	13	17	67	32	66
C13	12	20	13	12	21	13	2
C14	30	62	34	25	61	23	34
C15	43	72	43	39	75	45	37
C16	17	36	20	16	42	12	4
C17	448	369	173	253	354	359	255
PRISTANE	243	332	85	162	261	206	79
C18	79	101	54	95	106	95	18
PHYTANE	386	445	138	253	296	255	74
C19	514	509	221	311	362	316	266
C20	304	290	199	281	211	168	120
C21	430	383	263	423	411	360	382
C22	415	374	221	337	259	234	222
C23	989	991	923	1129	1110	1109	1017
C24	712	656	551	639	712	692	573
C25	1892	1797	1814	2157	2106	1994	1858
C26	931	912	819	924	922	849	822
C27	3291	3327	3237	4554	3176	2835	2591
C28	1284	1203	1125	1292	834	572	666
C29	5034	4815	4904	5947	3498	1890	2495
C30	1023	1029	1050	1073	929	316	412
C31	4589	4630	5223	5449	2945	1189	1236
C32	625	603	595	714	284	134	113
C33	2019	1576	2125	2356	694	289	276
C34	225	103	176	216	42	16	7
TOT ALKANES	25602	24741	24059	28717	19927	14064	13668
UNIT:	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
UCM	735	720	268	413	246	206	203
Surrogate Recoveries	%	%	%	%	%	%	%
C12ALKD:	67.8	70.7	79.3	79.0	75.2	75.5	114.7
C20ALKD:	49.9	56.0	83.9	74.1	93.3	87.2	81.4
C24ALKD:	86.8	89.4	87.2	95.5	88.8	79.2	87.0
C30ALKD:	108.7	102.0	95.0	120.6	72.6	72.1	105.4

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 8-9	X-3 10-11	X-3 13-14	X-3 14-15	X-3 15-16	X-3 16-17	X-3 22-23
LABSAMNO:	C3897	C3898	C3900	C3901	C3902	C3903	C3904
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M492	M492	M492	M494	M494	M494	M494
WETWT:	37.14	24.37	28.57	36.21	16.08	45.16	35.14
DRYWT:	9.99	7.31	10.00	10.03	4.60	9.98	10.05
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
PNA Analyte	Conc	Conc	Conc	Conc	Conc	Conc	Conc
NAPHTHALENE	99.6	108.1	51.8	65.4	72.4	65.2	106.4
C1-NAPHTHALENES	59.1	77.2	31.2	37.1	49.2	42.6	59.1
C2-NAPHTHALENES	59.6	73.3	36.6	39.1	53.2	45.7	59.8
C3-NAPHTHALENES	55.0	56.6	40.2	35.7	62.1	48.8	63.4
C4-NAPHTHALENES	47.1	75.5	40.0	35.1	83.1	54.0	61.2
BIPHENYL	17.4	24.7	9.2	13.7	21.2	15.2	19.4
ACENAPHTHYLENE	46.7	42.2	23.9	41.2	39.5	46.9	40.9
ACENAPHTHENE	30.7	49.8	15.3	23.1	23.7	23.3	23.7
FLUORENE	49.0	61.8	22.6	30.4	36.6	34.4	37.3
C1-FLUORENES	23.1	31.3	15.4	19.2	33.8	26.3	21.5
C2-FLUORENES	28.1	37.7	20.5	19.8	53.0	37.7	28.8
C3-FLUORENES	23.9	63.4	28.8	24.8	72.8	42.7	28.2
PHENANTHRENE	131.4	204.7	86.7	116.8	155.0	131.6	117.0
ANTHRACENE	90.3	91.2	48.5	69.5	79.6	79.6	70.8
C1-PHEN_ANTHR	59.0	82.5	50.7	51.9	95.5	70.5	59.1
C2-PHEN_ANTHR	40.4	78.2	46.8	36.4	83.2	56.2	41.6
C3-PHEN_ANTHR	28.4	69.5	30.4	28.8	63.0	40.2	28.3
C4-PHEN_ANTHR	25.2	61.7	28.3	32.5	61.0	35.9	25.2
DIBENZOTHIO	11.0	14.6	6.8	9.6	15.1	11.0	10.7
C1-DIBEN	12.0	20.2	10.7	11.4	32.4	13.8	12.8
C2-DIBEN	18.2	48.8	21.6	20.0	61.6	26.4	18.8
C3-DIBEN	14.3	41.5	15.3	15.2	41.6	19.5	12.2
FLUORANTHENE	152.4	290.8	111.5	122.5	226.1	187.7	132.6
PYRENE	138.9	334.7	115.5	134.9	265.1	191.1	131.8
C1-FLUORAN_PYR	68.5	167.6	61.5	56.6	116.2	88.8	59.8
BENaANTHRACENE	235.6	199.8	122.2	122.0	168.8	245.2	85.2
CHRYSENE	180.4	179.8	125.4	120.7	131.9	242.7	90.5
C1-CHRYSENES	135.1	127.2	80.3	82.0	95.9	153.7	68.2
C2-CHRYSENES	77.9	70.0	47.4	47.7	50.2	86.9	49.6
C3-CHRYSENES	34.2	25.2	16.4	15.2	21.1	26.2	20.5
C4-CHRYSENES	22.4	29.0	12.5	14.3	26.9	33.4	14.3
BENbFLUORAN	198.2	174.7	99.9	111.4	137.5	213.2	90.7
BENkFLUORAN	74.6	63.3	42.6	48.8	39.6	79.3	23.6
BENePYRENE	100.7	83.9	48.2	57.6	58.4	103.0	45.4
BENaPYRENE	124.2	111.5	67.9	76.4	84.3	138.1	56.8
PERYLENE	251.6	344.3	254.7	446.5	417.5	448.7	546.7
I123cdPYRENE	63.7	78.7	38.9	34.0	55.2	83.5	30.4
DBahANTHRA	16.5	18.5	10.5	8.9	13.9	21.8	7.4
BghiPERYLENE	60.6	72.2	35.7	30.0	50.4	77.8	28.5
Total PAHs	2653.2	3441.2	1717.4	1859.5	2829.9	2940.0	1881.2

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 8-9	X-3 10-11	X-3 13-14	X-3 14-15	X-3 15-16	X-3 16-17	X-3 22-23
LABSAMNO:	C3897	C3898	C3900	C3901	C3902	C3903	C3904
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M492	M492	M492	M494	M494	M494	M494
WETWT:	37.14	24.37	28.57	36.21	16.08	45.16	35.14
DRYWT:	9.99	7.31	10.00	10.03	4.60	9.98	10.05
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
Analyte (Cont)	Conc	Conc	Conc	Conc	Conc	Conc	Conc
2-METHYLNAPH	42.4	54.5	21.7	25.8	33.4	29.6	41.7
1-METHYLNAPH	16.7	22.7	9.5	11.3	15.9	13.1	17.4
2,6-DIMETHNAPH	26.5	28.8	13.0	19.8	27.3	22.0	25.2
2,3,5-TRIMETHNAPH	12.1	13.8	7.6	9.9	17.3	13.1	15.9
1-METHYLPHEN	14.8	16.8	17.0	15.7	31.2	21.2	14.4
Surrogate Recoveries							
	%	%	%	%	%	%	%
NAPHD8:	76.42	83.75	76.06	113.98	87.90	97.27	94.44
ACEND10:	82.22	84.68	92.05	98.49	75.99	89.46	96.63
PHEND10:	83.22	94.72	83.00	88.73	69.02	91.30	100.30
CHRYD12:	**16.47**	58.59	**24.22**	**25.49**	**31.91**	**19.34**	**33.37**
PERYD12:	55.44	60.02	59.14	61.42	69.45	41.75	48.40

BOLD SURROGATE RECOVERIES = MATRIX INTERFERENCE

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 27-28	X-3 30-31	X-3 32-33	X-3 33-34	X-3 35-36	X-3 36-37	X-3 37-38
LABSAMNO:	C3905	C3906	C3907	C3908	C3909	C3910	C3911
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M494	M494	M494	M494	M494
WETWT:	26.70	11.16	18.47	22.66	35.59	26.22	4.19
DRYWT:	10.04	4.05	7.02	10.06	10.00	7.08	0.80
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							

Alkanes and Isoprenoids	Conc	Conc	Conc	Conc	Conc	Conc	Conc
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
C10	28	97	23	19	30	58	232
C11	22	24	14	10	8	14	169
C12	63	106	40	26	45	77	210
C13	6	41	4	7	2	1	153
C14	56	140	40	19	55	58	461
C15	59	127	64	26	59	98	323
C16	2	19	23	9	13	10	171
C17	156	247	151	98	196	198	374
PRISTANE	121	235	109	57	114	110	304
C18	33	62	4	13	37	29	141
PHYTANE	103	181	80	43	122	83	212
C19	151	294	208	90	194	182	311
C20	59	128	48	47	95	89	118
C21	231	401	231	155	330	322	426
C22	127	188	144	91	177	201	290
C23	596	792	713	394	831	951	1032
C24	373	475	466	245	488	566	677
C25	1060	1447	1251	734	1541	1806	1883
C26	475	648	578	343	697	788	878
C27	1397	2204	1626	1124	2308	2696	3170
C28	349	668	382	354	613	712	1091
C29	1262	2813	1514	1483	2358	2825	5618
C30	222	516	236	235	418	423	1416
C31	668	2241	630	963	1186	1632	6995
C32	67	169	69	93	93	144	853
C33	141	407	104	220	259	361	2414
C34	5	19	7	1	6	8	89
TOT ALKANES	7832	14688	8757	6899	12277	14440	29843
UNIT:	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
UCM	179	293	270	112	167	192	292

Surrogate Recoveries	%	%	%	%	%	%	%
C12ALKD:	78.5	78.4	89.9	79.2	85.0	72.1	78.0
C20ALKD:	84.4	84.4	82.7	79.5	80.9	86.7	81.8
C24ALKD:	86.4	93.7	76.6	84.3	84.4	85.2	87.3
C30ALKD:	87.9	86.7	104.6	89.7	100.7	93.2	88.8

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 27-28	X-3 30-31	X-3 32-33	X-3 33-34	X-3 35-36	X-3 36-37	X-3 37-38
LABSAMNO:	C3905	C3906	C3907	C3908	C3909	C3910	C3911
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M494	M494	M494	M494	M494
WETWT:	26.70	11.16	18.47	22.66	35.59	26.22	4.19
DRYWT:	10.04	4.05	7.02	10.06	10.00	7.08	0.80
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
PNA Analyte	Conc	Conc	Conc	Conc	Conc	Conc	Conc
NAPHTHALENE	277.5	138.5	144.1	47.3	47.1	58.7	55.1
C1-NAPHTHALENES	179.3	83.1	83.1	38.7	119.3	44.6	59.3
C2-NAPHTHALENES	109.4	69.9	71.4	33.9	25.7	41.2	94.6
C3-NAPHTHALENES	94.7	80.4	63.7	39.7	35.9	54.1	104.4
C4-NAPHTHALENES	70.4	96.9	56.4	38.8	64.4	60.8	150.0
BIPHENYL	36.0	22.7	21.8	8.7	10.1	18.7	22.8
ACENAPHTHYLENE	53.6	40.6	54.5	24.3	31.4	48.7	34.9
ACENAPHTHENE	80.4	30.6	37.0	12.6	6.3	10.7	10.6
FLUORENE	108.6	49.3	52.6	20.6	13.6	21.6	25.6
C1-FLUORENES	38.2	30.8	26.3	17.5	19.5	24.4	39.0
C2-FLUORENES	37.2	45.0	29.3	24.3	36.1	35.3	88.2
C3-FLUORENES	55.1	70.0	35.2	30.2	26.9	54.5	143.4
PHENANTHRENE	464.3	182.6	156.2	87.3	64.6	92.5	104.6
ANTHRACENE	192.7	93.4	97.9	43.3	42.1	65.6	51.8
C1-PHEN_ANTHR	167.8	100.7	71.5	51.1	62.1	89.7	123.3
C2-PHEN_ANTHR	134.3	112.2	53.5	45.4	61.4	97.5	157.7
C3-PHEN_ANTHR	94.3	89.8	32.2	27.5	39.2	81.6	142.0
C4-PHEN_ANTHR	75.5	69.0	25.0	20.4	26.4	14.1	106.6
DIBENZOTHIO	34.8	16.2	14.5	6.7	5.5	7.0	12.9
C1-DIBEN	27.0	28.5	15.0	9.6	13.6	19.3	60.0
C2-DIBEN	42.4	70.2	25.4	15.6	24.8	44.2	144.2
C3-DIBEN	35.3	63.7	15.5	11.1	22.6	41.7	101.7
FLUORANTHENE	590.6	282.9	163.5	113.9	104.2	205.9	247.4
PYRENE	557.6	312.3	170.5	118.9	111.2	257.9	350.0
C1-FLUORAN_PYR	315.7	155.8	81.6	68.9	90.8	194.5	243.7
BENaANTHRACENE	389.2	200.2	204.6	89.4	228.0	166.8	172.8
CHRYSENE	292.1	150.3	199.2	68.1	193.3	163.0	144.3
C1-CHRYSENES	252.7	137.0	166.7	72.3	201.6	169.4	185.5
C2-CHRYSENES	160.0	104.1	122.1	48.6	118.8	117.0	147.2
C3-CHRYSENES	39.6	36.7	45.8	15.3	44.9	30.3	54.4
C4-CHRYSENES	46.8	31.5	39.5	13.8	27.4	27.1	49.2
BENbFLUORAN	292.7	156.5	186.8	76.7	166.6	130.3	211.2
BENkFLUORAN	74.9	45.0	91.6	23.4	64.8	57.5	68.3
BENePYRENE	144.7	78.3	118.8	41.3	91.5	74.5	121.0
BENaPYRENE	209.2	105.4	145.6	53.6	141.6	111.3	171.0
PERYLENE	244.2	456.9	301.3	233.1	361.5	399.9	511.7
I123cdPYRENE	142.1	74.6	90.2	34.9	53.3	66.1	118.9
DBahANTHRA	36.2	20.0	22.2	9.2	14.4	17.7	30.0
BghiPERYLENE	137.6	69.7	86.5	35.3	46.4	61.8	112.3
Total PAHs	6090.3	3544.2	3116.8	1538.0	2497.2	2877.6	4259.6

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 27-28	X-3 30-31	X-3 32-33	X-3 33-34	X-3 35-36	X-3 36-37	X-3 37-38
LABSAMNO:	C3905	C3906	C3907	C3908	C3909	C3910	C3911
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M494	M494	M494	M494	M494
WETWT:	26.70	11.16	18.47	22.66	35.59	26.22	4.19
DRYWT:	10.04	4.05	7.02	10.06	10.00	7.08	0.80
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							

UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
Analyte (Cont)	Conc	Conc	Conc	Conc	Conc	Conc	Conc
2-METHYLNAPH	128.8	59.5	59.1	26.3	21.2	30.3	37.8
1-METHYLNAPH	50.5	23.6	24.0	12.5	98.1	14.3	21.5
2,6-DIMETHNAPH	47.9	31.9	31.7	14.0	9.9	16.3	26.9
2,3,5-TRIMETHNAPH	20.3	19.6	15.0	9.2	9.2	11.2	23.4
1-METHYLPHEN	48.0	28.2	21.4	14.2	18.4	30.2	25.9

Surrogate Recoveries							
	%	%	%	%	%	%	%
NAPHD8:	82.78	84.48	91.66	84.06	96.97	73.95	84.21
ACEND10:	90.62	84.19	95.96	84.19	102.43	73.21	92.82
PHEND10:	73.26	82.73	97.11	85.09	83.06	67.51	88.41
CHRYD12:	41.37	**35.98**	**19.01**	**32.28**	**14.15**	**31.17**	75.23
PERYD12:	111.49	51.30	73.08	61.43	91.23	70.79	68.89

BOLD SURROGATE RECOVERIES = MATRIX INTERFERENCE

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 38-39	X-3 39-40	X-3 40-41	X-3 42-43	X-3 43-44	X-3 44-45	X-3 45-46
LABSAMNO:	C3912	C3913	C3914	C3915	C3916	C3917	C3918
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M495	M495	M495	M495	M495
WETWT:	31.66	30.64	30.06	16.63	30.36	8.08	27.83
DRYWT:	10.13	10.02	10.01	6.02	10.05	2.53	10.02
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
Alkanes and Isoprenoids	Conc	Conc	Conc	Conc	Conc	Conc	Conc
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
C10	23	24	20	37	23	182	23
C11	9	14	11	40	12	34	16
C12	39	46	37	78	44	119	45
C13	3	5	3	39	6	73	6
C14	32	42	49	64	23	216	42
C15	51	39	55	63	37	252	42
C16	11	6	5	24	5	98	14
C17	169	168	169	168	133	274	165
PRISTANE	85	151	259	106	84	281	140
C18	26	24	32	38	24	101	57
PHYTANE	62	94	146	60	51	203	103
C19	146	145	133	119	96	254	179
C20	91	86	84	89	66	127	92
C21	281	282	257	266	214	355	254
C22	174	164	154	160	131	231	174
C23	832	791	671	686	644	913	744
C24	496	472	419	415	417	592	463
C25	1565	1450	1240	1306	1235	1662	1388
C26	728	596	548	567	547	783	592
C27	2462	1871	1604	2134	1795	2526	1857
C28	568	474	435	678	524	954	506
C29	2100	1589	1567	3282	1992	4649	1896
C30	397	263	236	525	293	1139	267
C31	1066	957	826	2353	1114	4401	947
C32	118	68	85	216	44	498	80
C33	192	217	155	564	234	1131	191
C34	3	18	1	10	4	20	9
TOT ALKANES	11729	10054	9202	14088	9791	22066	10292
UNIT:	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
UCM	136	152	155	126	112	252	163
Surrogate Recoveries	%	%	%	%	%	%	%
C12ALKD:	97.9	82.5	105.3	83.4	101.8	83.2	105.5
C20ALKD:	82.1	84.9	94.4	79.5	98.3	85.3	83.0
C24ALKD:	80.9	81.9	95.8	83.5	91.3	87.1	87.6
C30ALKD:	95.2	79.7	96.1	99.9	109.7	97.8	113.0

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 38-39	X-3 39-40	X-3 40-41	X-3 42-43	X-3 43-44	X-3 44-45	X-3 45-46
LABSAMNO:	C3912	C3913	C3914	C3915	C3916	C3917	C3918
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M495	M495	M495	M495	M495
WETWT:	31.66	30.64	30.06	16.63	30.36	8.08	27.83
DRYWT:	10.13	10.02	10.01	6.02	10.05	2.53	10.02
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							
UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
PNA Analyte	Conc	Conc	Conc	Conc	Conc	Conc	Conc
NAPHTHALENE	53.6	84.9	96.0	52.0	50.4	92.0	71.7
C1-NAPHTHALENES	48.3	60.0	69.6	81.0	41.8	70.8	53.9
C2-NAPHTHALENES	43.7	49.6	64.8	198.1	49.4	72.9	53.1
C3-NAPHTHALENES	47.7	52.9	54.0	165.7	54.7	88.8	56.3
C4-NAPHTHALENES	57.7	61.7	72.2	87.3	63.0	124.4	69.0
BIPHENYL	13.3	18.6	21.0	12.8	15.2	24.4	21.3
ACENAPHTHYLENE	35.7	110.4	68.7	46.3	70.7	71.9	95.7
ACENAPHTHENE	15.5	17.9	17.9	7.9	10.4	13.0	12.8
FLUORENE	22.3	36.7	30.9	40.7	26.4	35.8	36.8
C1-FLUORENES	21.7	34.5	30.0	98.0	34.0	38.5	30.9
C2-FLUORENES	38.3	52.3	41.5	125.3	50.5	78.6	48.7
C3-FLUORENES	44.4	52.0	39.1	95.2	66.4	93.9	53.5
PHENANTHRENE	76.8	145.1	137.1	132.3	90.0	122.5	114.9
ANTHRACENE	53.5	134.3	95.9	55.5	89.9	116.9	130.6
C1-PHEN_ANTHR	78.6	169.3	99.4	220.3	125.1	134.3	94.8
C2-PHEN_ANTHR	91.3	170.5	98.3	215.0	145.2	159.6	94.0
C3-PHEN_ANTHR	60.7	87.6	60.1	101.1	92.6	123.9	64.7
C4-PHEN_ANTHR	43.6	41.8	38.6	550.0	59.3	92.4	44.4
DIBENZOTHIO	6.0	10.5	13.3	12.9	8.2	13.3	10.1
C1-DIBEN	14.4	28.3	20.5	30.5	16.3	39.0	16.0
C2-DIBEN	28.8	57.9	31.2	39.3	30.4	86.0	27.3
C3-DIBEN	23.0	32.8	21.1	26.3	26.7	67.6	21.0
FLUORANTHENE	192.4	186.1	171.8	160.7	214.4	284.4	182.1
PYRENE	201.9	207.0	183.5	192.3	241.9	352.8	177.0
C1-FLUORAN_PYR	167.7	221.2	154.9	198.1	202.6	293.3	157.3
BENaANTHRACENE	97.4	466.2	338.3	132.3	257.7	274.0	185.9
CHRYSENE	96.7	449.8	345.0	172.6	273.2	311.9	196.6
C1-CHRYSENES	93.8	482.1	332.8	188.0	289.4	292.4	200.4
C2-CHRYSENES	59.1	261.3	221.2	147.5	194.1	205.4	135.8
C3-CHRYSENES	16.7	73.9	42.2	32.2	39.3	62.0	32.2
C4-CHRYSENES	11.0	66.7	40.8	26.0	40.3	48.3	28.1
BENbFLUORAN	73.9	301.5	291.8	144.8	266.6	333.1	224.9
BENkFLUORAN	30.1	137.9	124.3	33.0	107.5	74.4	48.3
BENePYRENE	39.8	185.2	161.9	74.2	148.5	155.5	107.0
BENaPYRENE	56.8	312.5	232.0	99.5	206.3	222.4	146.1
PERYLENE	360.9	349.9	951.5	375.0	355.2	502.7	489.7
I123cdPYRENE	35.1	132.0	75.0	49.0	116.1	146.8	62.6
DBahANTHRA	9.5	39.0	19.1	14.1	29.9	37.6	16.1
BghiPERYLENE	33.3	114.7	65.8	46.7	106.0	129.5	54.4
Total PAHs	2134.0	5146.4	4021.4	4104.5	3950.0	4984.0	3176.1

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:							
ID:	X-3 38-39	X-3 39-40	X-3 40-41	X-3 42-43	X-3 43-44	X-3 44-45	X-3 45-46
LABSAMNO:	C3912	C3913	C3914	C3915	C3916	C3917	C3918
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M495	M495	M495	M495	M495
WETWT:	31.66	30.64	30.06	16.63	30.36	8.08	27.83
DRYWT:	10.13	10.02	10.01	6.02	10.05	2.53	10.02
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
SUBMAT:							

UNIT:	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g	ng/g
Analyte (Cont)	Conc	Conc	Conc	Conc	Conc	Conc	Conc
2-METHYLNAPH	32.3	41.2	47.6	36.2	29.1	49.9	39.4
1-METHYLNAPH	16.0	18.9	22.0	44.7	12.7	20.9	14.6
2,6-DIMETHNAPH	15.7	24.5	30.3	44.8	23.0	29.2	29.6
2,3,5-TRIMETHNAPH	11.6	15.9	16.7	35.9	16.4	21.7	16.9
1-METHYLPHEN	13.6	35.0	23.4	53.0	32.8	39.4	26.8

Surrogate Recoveries							
	%	%	%	%	%	%	%
NAPHD8:	88.17	96.13	104.27	93.81	101.95	91.08	95.47
ACEND10:	91.89	83.05	89.07	84.75	85.72	92.06	76.57
PHEND10:	86.23	66.96	60.60	75.34	83.90	85.16	70.63
CHRYD12:	52.19	**13.07**	**12.64**	**30.94**	**22.58**	**39.81**	**24.53**
PERYD12:	72.23	92.01	38.67	69.19	110.83	75.70	81.29

BOLD SURROGATE RECOVERIES = MATRIX INTERFERENCE

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:			PROC BLANK	SPIKED MATRIX	PROC BLANK	ORIGINAL	DUPLICATE
ID:	X-3 46-47	X-3 47-48	-900	X-3 4-5	-900	X-3 4-5	X-3 4-5
LABSAMNO:	C3919	C3920	Q3336	Q3337	Q3338	C3893	Q3339
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M495	M495	M492	M492	M492	M492	M492
WETWT:	26.27	27.51	10.00	18.84	10.00	22.54	19.00
DRYWT:	9.01	10.04	10.00	6.01	10.00	7.19	6.06
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	QCBLANK	QCSEDIMENT	QCBLANK	SEDIMENT	SEDIMENT
SUBMAT:							

Alkanes and Isoprenoids	Conc	Conc	Conc	% Recov	Conc	Conc	Conc
UNIT:	ng/g	ng/g	ng/g	%	ng/g	ng/g	ng/g
C10	31	25	0	NA	0	21	21
C11	15	18	3	NA	0	18	23
C12	47	46	0	108	1	14	16
C13	9	15	0	NA	0	12	12
C14	55	49	1	NA	0	22	24
C15	50	56	1	110	0	42	44
C16	5	4	2	NA	0	13	18
C17	168	195	1	114	1	211	207
PRISTANE	157	182	0	121	1	171	143
C18	38	62	1	116	0	74	54
PHYTANE	102	147	0	NA	1	266	206
C19	148	165	1	NA	1	445	396
C20	53	85	2	120	1	226	210
C21	234	277	3	115	2	268	240
C22	166	191	8	NA	2	292	246
C23	741	807	7	NA	2	802	882
C24	473	511	6	93	1	560	600
C25	1376	1517	5	NA	2	1501	1640
C26	624	663	7	NA	1	725	772
C27	1938	2072	2	NA	2	3161	2974
C28	545	572	0	101	1	972	1114
C29	2136	2130	2	NA	2	4038	4253
C30	337	363	0	119	1	1094	1084
C31	1216	929	2	NA	1	4755	4614
C32	106	44	0	104	0	683	601
C33	215	213	0	NA	0	1892	1759
C34	9	7	0	97	0	202	175
TOT ALKANES	10996	11346	54	NA	24	22480	22326
UNIT:	ug/g	ug/g	ug/g		ug/g	ug/g	ug/g
UCM	167	191	0	NA	0	462	443

Surrogate Recoveries	%	%	%	%	%	%	%
C12ALKD:	101.2	96.0	75.8	71.4	80.8	76.4	65.6
C20ALKD:	85.7	71.6	79.1	74.7	85.0	73.9	72.2
C24ALKD:	83.8	74.7	82.4	93.9	86.5	101.2	84.0
C30ALKD:	97.1	101.8	61.1	82.2	57.2	97.5	87.9

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:			PROC BLANK	SPIKED MATRIX	PROC BLANK	ORIGINAL	DUPLICATE
ID:	X-3 46-47	X-3 47-48	-900	X-3 4-5	-900	X-3 4-5	X-3 4-5
LABSAMNO:	C3919	C3920	Q3336	Q3337	Q3338	C3893	Q3339
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M495	M495	M492	M492	M492	M492	M492
WETWT:	26.27	27.51	10.00	18.84	10.00	22.54	19.00
DRYWT:	9.01	10.04	10.00	6.01	10.00	7.19	6.06
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	QCBLANK	QCSEDIMENT	QCBLANK	SEDIMENT	SEDIMENT
SUBMAT:							
UNIT:	ng/g	ng/g	ng/g	%	ng/g	ng/g	ng/g
PNA Analyte	Conc	Conc	Conc	% Recov	Conc	Conc	Conc
NAPHTHALENE	78.4	96.5	0.7	93.6	1.1	92.7	94.4
C1-NAPHTHALENES	61.3	76.8	0.7	NA	0.9	57.7	56.5
C2-NAPHTHALENES	60.9	74.1	0.0	NA	0.0	54.7	52.6
C3-NAPHTHALENES	59.6	83.5	0.0	NA	0.0	52.9	45.6
C4-NAPHTHALENES	71.6	90.1	0.0	NA	0.0	46.2	39.9
BIPHENYL	22.9	25.1	0.3	129.0	0.0	15.4	17.3
ACENAPHTHYLENE	87.8	99.2	0.2	107.3	0.0	46.6	51.2
ACENAPHTHENE	13.7	18.1	0.3	120.4	0.0	29.9	33.9
FLUORENE	33.6	48.8	0.2	88.5	0.1	46.9	51.2
C1-FLUORENES	28.0	46.4	0.0	NA	0.0	25.1	32.7
C2-FLUORENES	37.5	69.1	0.0	NA	0.0	31.0	25.6
C3-FLUORENES	48.6	65.1	0.0	NA	0.0	35.0	39.1
PHENANTHRENE	122.0	155.2	0.4	80.0	0.2	147.7	179.8
ANTHRACENE	137.0	157.2	0.2	83.2	0.1	100.3	113.3
C1-PHEN_ANTHR	102.1	137.7	0.0	NA	0.0	74.5	78.8
C2-PHEN_ANTHR	99.9	132.0	0.0	NA	0.0	58.5	66.4
C3-PHEN_ANTHR	68.7	84.9	0.0	NA	0.0	37.1	48.1
C4-PHEN_ANTHR	43.5	51.1	0.0	NA	0.0	29.2	41.3
DIBENZOTHIO	10.2	13.0	0.1	71.8	0.0	12.2	13.2
C1-DIBEN	17.0	20.8	0.0	NA	0.0	13.2	15.0
C2-DIBEN	33.8	34.3	0.0	NA	0.0	26.4	27.8
C3-DIBEN	23.4	25.7	0.0	NA	0.0	18.6	21.2
FLUORANTHENE	183.4	216.5	0.2	113.1	0.2	167.7	250.7
PYRENE	178.2	234.6	0.2	129.0	0.3	175.3	271.0
C1-FLUORAN_PYR	159.6	196.7	0.0	NA	0.0	92.5	118.1
BENaANTHRACENE	324.7	228.1	0.1	114.2	0.1	272.2	206.7
CHRYSENE	324.1	185.2	0.1	105.4	0.1	269.2	214.9
C1-CHRYSENES	337.5	223.0	0.0	NA	0.0	183.6	134.6
C2-CHRYSENES	232.8	145.9	0.0	NA	0.0	107.3	74.5
C3-CHRYSENES	72.5	37.1	0.0	NA	0.0	36.3	25.7
C4-CHRYSENES	39.4	31.7	0.0	NA	0.0	31.9	26.8
BENbFLUORAN	319.2	203.6	0.2	71.4	0.2	241.3	174.8
BENkFLUORAN	147.7	69.8	0.1	83.6	0.0	113.7	80.9
BENePYRENE	170.4	103.3	0.1	109.0	0.1	131.7	96.3
BENaPYRENE	252.7	147.8	0.1	101.4	0.1	169.6	124.3
PERYLENE	366.3	298.9	0.4	90.3	0.2	165.6	240.7
I123cdPYRENE	110.0	62.0	0.1	88.3	0.1	98.5	70.1
DBahANTHRA	29.0	17.6	0.2	84.0	0.0	24.5	18.4
BghiPERYLENE	94.3	55.6	0.1	106.5	0.1	96.9	70.3
Total PAHs	4236.9	3763.0	4.4	1879.6	3.7	3263.9	3102.8

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:			PROC BLANK	SPIKED MATRIX	PROC BLANK	ORIGINAL	DUPLICATE
ID:	X-3 46-47	X-3 47-48	-900	X-3 4-5	-900	X-3 4-5	X-3 4-5
LABSAMNO:	C3919	C3920	Q3336	Q3337	Q3338	C3893	Q3339
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M495	M495	M492	M492	M492	M492	M492
WETWT:	26.27	27.51	10.00	18.84	10.00	22.54	19.00
DRYWT:	9.01	10.04	10.00	6.01	10.00	7.19	6.06
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	SEDIMENT	SEDIMENT	QCBLANK	QCSEDIMENT	QCBLANK	SEDIMENT	SEDIMENT
SUBMAT:							

UNIT:	ng/g	ng/g	ng/g	%	ng/g	ng/g	ng/g
Analyte (Cont)	Conc	Conc	Conc	% Recov	Conc	Conc	Conc
2-METHYLNAPH	43.0	55.7	0.4	91.2	0.5	41.3	40.4
1-METHYLNAPH	18.3	21.1	0.3	127.0	0.5	16.4	16.1
2,6-DIMETHNAPH	28.2	39.1	0.3	123.4	0.6	23.8	26.8
2,3,5-TRIMETHNAPH	15.5	23.0	0.4	111.4	0.5	11.7	11.8
1-METHYLPHEN	30.8	30.1	0.1	81.2	0.1	24.2	28.4

Surrogate Recoveries							
	%	%	%	%	%	%	%
NAPHD8:	101.00	93.40	85.17	93.68	86.47	75.59	96.15
ACEND10:	95.87	79.94	81.72	94.97	94.46	82.83	86.77
PHEND10:	83.00	72.75	80.81	100.78	93.32	77.14	81.10
CHRYD12:	**17.98**	**29.50**	68.07	**25.68**	92.50	**16.06**	**26.50**
PERYD12:	80.17	106.03	39.40	61.02	52.10	82.65	65.20

BOLD SURROGATE RECOVERIES = MATRIX INTERFERENCE

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:	PROC BLANK	SPIKED MATRIX	PROC BLANK	ORIGINAL	DUPLICATE	PROC BLANK	ORIGINAL
ID:	-900	X-3 32-33	-900	X-3 32-33	X-3 32-33	-900	X-3 42-43
LABSAMNO:	Q3345	Q3346	Q3347	C3907	Q3348	Q3364	C3915
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M494	M494	M494	M495	M495
WETWT:	10.00	17.63	10.00	18.47	18.58	10.28	16.63
DRYWT:	10.00	6.70	10.00	7.02	7.06	10.28	6.02
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	QCBLANK	QCSEDIMENT	QCBLANK	SEDIMENT	SEDIMENT	QCBLANK	SEDIMENT
SUBMAT:							
Alkanes and Isoprenoids	Conc	% Recov	Conc	Conc	Conc	Conc	Conc
UNIT:	ng/g	%	ng/g	ng/g	ng/g	ng/g	ng/g
C10	0	NA	1	23	25	0	37
C11	0	NA	0	14	17	0	40
C12	0	92.3	1	40	43	1	78
C13	0	NA	0	4	20	0	39
C14	0	NA	0	40	31	0	64
C15	0	91.8	1	64	49	4	63
C16	2	NA	1	23	5	2	24
C17	2	94.8	1	151	152	0	168
PRISTANE	0	94.0	1	109	119	0	106
C18	2	99.0	1	4	25	0	38
PHYTANE	0	NA	1	80	81	0	60
C19	1	NA	2	208	146	0	119
C20	1	103.2	3	48	40	1	89
C21	1	97.4	3	231	214	2	266
C22	2	NA	4	144	134	2	160
C23	2	NA	4	713	646	2	686
C24	0	88.4	3	466	440	0	415
C25	1	NA	3	1251	1175	2	1306
C26	1	NA	3	578	552	2	567
C27	1	NA	5	1626	1493	3	2134
C28	0	92.1	2	382	417	3	678
C29	0	NA	5	1514	1412	3	3282
C30	0	90.1	1	236	298	4	525
C31	0	NA	0	630	676	3	2353
C32	0	104.2	0	69	65	2	216
C33	0	NA	0	104	110	0	564
C34	0	88.2	0	7	9	0	10
TOT ALKANES	16	NA	46	8757	8394	34	14088
UNIT:	ug/g		ug/g	ug/g	ug/g	ug/g	ug/g
UCM	0	NA	0	270	244	0	126
Surrogate Recoveries	%	%	%	%	%	%	%
C12ALKD:	78.6	79.3	78.6	89.9	81.5	76.3	83.4
C20ALKD:	79.5	84.3	80.5	82.7	88.6	76.1	79.5
C24ALKD:	80.6	89.8	82.3	76.6	81.5	78.2	83.5
C30ALKD:	78.4	95.0	65.3	104.6	113.4	73.4	99.9

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:	PROC BLANK	SPIKED MATRIX	PROC BLANK	ORIGINAL	DUPLICATE	PROC BLANK	ORIGINAL
ID:	-900	X-3 32-33	-900	X-3 32-33	X-3 32-33	-900	X-3 42-43
LABSAMNO:	Q3345	Q3346	Q3347	C3907	Q3348	Q3364	C3915
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M494	M494	M494	M495	M495
WETWT:	10.00	17.63	10.00	18.47	18.58	10.28	16.63
DRYWT:	10.00	6.70	10.00	7.02	7.06	10.28	6.02
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	QCBLANK	QCSEDIMENT	QCBLANK	SEDIMENT	SEDIMENT	QCBLANK	SEDIMENT
SUBMAT:							
UNIT:	ng/g	%	ng/g	ng/g	ng/g	ng/g	ng/g
PNA Analyte	Conc	% Recov	Conc	Conc	Conc	Conc	Conc
NAPHTHALENE	0.6	124.0	0.5	144.1	92.9	0.7	52.0
C1-NAPHTHALENES	0.5	NA	0.7	83.1	59.0	0.7	81.0
C2-NAPHTHALENES	0.0	NA	0.0	71.4	53.0	0.0	198.1
C3-NAPHTHALENES	0.0	NA	0.0	63.7	50.0	0.0	165.7
C4-NAPHTHALENES	0.0	NA	0.0	56.4	65.1	0.0	87.3
BIPHENYL	0.1	129.3	0.3	21.8	15.4	0.3	12.8
ACENAPHTHYLENE	0.1	110.9	0.1	54.5	38.6	0.1	46.3
ACENAPHTHENE	0.2	116.7	0.1	37.0	23.0	0.2	7.9
FLUORENE	0.1	101.2	0.1	52.6	36.8	0.5	40.7
C1-FLUORENES	0.0	NA	0.0	26.3	23.0	0.0	98.0
C2-FLUORENES	0.0	NA	0.0	29.3	33.1	0.0	125.3
C3-FLUORENES	0.0	NA	0.0	35.2	47.8	0.0	95.2
PHENANTHRENE	0.1	126.9	1.0	156.2	142.9	2.5	132.3
ANTHRACENE	0.1	88.1	0.1	97.9	79.9	0.2	55.5
C1-PHEN_ANTHR	0.0	NA	0.0	71.5	74.9	0.0	220.3
C2-PHEN_ANTHR	0.0	NA	0.0	53.5	83.7	0.0	215.0
C3-PHEN_ANTHR	0.0	NA	0.0	32.2	67.1	0.0	101.1
C4-PHEN_ANTHR	0.0	NA	0.0	25.0	62.6	0.0	550.0
DIBENZOTHIO	0.1	77.0	0.2	14.5	11.2	0.3	12.9
C1-DIBEN	0.0	NA	0.8	15.0	15.1	0.0	30.5
C2-DIBEN	0.0	NA	0.0	25.4	34.2	0.0	39.3
C3-DIBEN	0.0	NA	0.0	15.5	28.0	0.0	26.3
FLUORANTHENE	0.1	89.9	0.2	163.5	257.3	0.4	160.7
PYRENE	0.1	102.2	0.2	170.5	296.1	0.4	192.3
C1-FLUORAN_PYR	0.0	NA	0.0	81.6	161.0	0.0	198.1
BENaANTHRACENE	0.1	96.8	0.1	204.6	192.8	0.2	132.3
CHRYSENE	0.1	74.4	0.2	199.2	131.7	0.1	172.6
C1-CHRYSENES	0.0	NA	0.0	166.7	139.0	0.0	188.0
C2-CHRYSENES	0.0	NA	0.0	122.1	112.0	0.0	147.5
C3-CHRYSENES	0.0	NA	0.0	45.8	47.9	0.0	32.2
C4-CHRYSENES	0.0	NA	0.0	39.5	41.3	0.0	26.0
BENbFLUORAN	0.0	96.4	0.1	186.8	213.0	0.1	144.8
BENkFLUORAN	0.1	80.2	0.1	91.6	47.8	0.1	33.0
BENePYRENE	0.1	126.0	0.1	118.8	113.0	0.2	74.2
BENaPYRENE	0.1	128.5	0.1	145.6	141.6	0.1	99.5
PERYLENE	0.2	117.0	0.1	301.3	254.7	0.3	375.0
I123cdPYRENE	0.1	96.3	0.1	90.2	103.1	0.1	49.0
DBahANTHRA	0.1	81.0	0.1	22.2	25.6	0.2	14.1
BghiPERYLENE	0.1	112.1	0.1	86.5	96.9	0.2	46.7
Total PAHs	2.6	NA	5.2	3116.8	3257.0	7.5	4104.5

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:	PROC BLANK	SPIKED MATRIX	PROC BLANK	ORIGINAL	DUPLICATE	PROC BLANK	ORIGINAL
ID:	-900	X-3 32-33	-900	X-3 32-33	X-3 32-33	-900	X-3 42-43
LABSAMNO:	Q3345	Q3346	Q3347	C3907	Q3348	Q3364	C3915
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M494	M494	M494	M494	M494	M495	M495
WETWT:	10.00	17.63	10.00	18.47	18.58	10.28	16.63
DRYWT:	10.00	6.70	10.00	7.02	7.06	10.28	6.02
LAB:	GERG	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	QCBLANK	QCSEDIMENT	QCBLANK	SEDIMENT	SEDIMENT	QCBLANK	SEDIMENT
SUBMAT:							
UNIT:	ng/g	%	ng/g	ng/g	ng/g	ng/g	ng/g
Analyte (Cont)	Conc	% Recov	Conc	Conc	Conc	Conc	Conc
2-METHYLNAPH	0.3	123.9	0.3	59.1	41.3	0.3	36.2
1-METHYLNAPH	0.2	107.5	0.3	24.0	17.7	0.4	44.7
2,6-DIMETHNAPH	0.1	111.9	0.2	31.7	21.2	0.4	44.8
2,3,5-TRIMETHNAPH	0.1	128.1	0.2	15.0	12.0	0.2	35.9
1-METHYLPHEN	0.1	84.2	0.1	21.4	21.4	0.4	53.0
Surrogate Recoveries							
	%	%	%	%	%	%	%
NAPHD8:	87.20	101.72	88.68	91.66	93.57	95.65	93.81
ACEND10:	83.23	99.27	89.62	95.96	92.50	92.92	84.75
PHEND10:	86.24	108.42	90.50	97.11	89.34	84.04	75.34
CHRYD12:	80.85	**26.36**	87.26	**19.01**	59.58	94.86	**30.94**
PERYD12:	33.30	100.15	58.03	73.08	79.85	40.00	69.19

BOLD SURROGATE RECOVERIES = MATRIX INTERFERENCE

St. Johns Core Data - Hydrocarbon Results - Sediment - 1992

INVEST#:	DUPLICATE	PROC BLANK	SPIKED MATRIX	CONTROL	CONTROL	CONTROL
ID:	X-3 42-43	-900	X-3 42-43	-700	-700	-700
LABSAMNO:	Q3365	Q3366	Q3367	W26690	W26691	W26699
METHOD:	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS	GCFID/GCMS
QCBATCH:	M495	M495	M495	M492	M494	M495
WETWT:	16.66	10.00	16.99	1.00	1.00	1.00
DRYWT:	6.03	10.00	6.15	1.00	1.00	1.00
LAB:	GERG	GERG	GERG	GERG	GERG	GERG
MATRIX:	QCSEDIMENT	QCBLANK	SEDIMENT	QCSBLANK	QCSBLANK	QCSBLANK
SUBMAT:				EV OIL	EV OIL	EV OIL

Alkanes and Isoprenoids	Conc	Conc	% Recov	Conc	Conc	Conc
UNIT:	ng/g	ng/g	%	ng/g	ng/g	ng/g
C10	39	0		2849	2621	3099
C11	22	0		2980	2586	2749
C12	74	0	96	2639	2279	2507
C13	25	0		2683	2371	2436
C14	55	0		2477	2129	2344
C15	61	4	97	2350	2108	2366
C16	24	1		2209	1908	2105
C17	130	0	94	2399	2261	2481
PRISTANE	82	0	95	1659	1549	1884
C18	33	0	94	1963	1946	1970
PHYTANE	44	1		1156	1117	1112
C19	88	1		1926	2018	1945
C20	67	0	100	1841	1581	1688
C21	231	1	93	1607	1663	1701
C22	128	2		1691	1578	1545
C23	576	2		1641	1463	1446
C24	342	0	108	1388	1559	1391
C25	1088	1		1273	1235	1200
C26	490	1		1178	1047	1017
C27	1717	1		888	781	790
C28	602	0	94	679	655	652
C29	2699	0		500	605	601
C30	617	0	117	524	551	580
C31	2267	0		505	477	469
C32	224	0	110	383	430	399
C33	517	0		290	308	287
C34	6	0	95	194	276	192
TOT ALKANES	12250	15		41870	39101	40957
UNIT:	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
UCM	109	0		153	190	212

Surrogate Recoveries	%	%	%	%	%	%
C12ALKD:	88.8	78.2	82.8	100.9	124.2	103.9
C20ALKD:	87.8	77.7	93.8	96.7	95.2	88.8
C24ALKD:	92.7	79.4	85.4	97.8	96.7	90.8
C30ALKD:	94.0	75.4	86.0	91.1	87.9	84.0

Pesticide and PCB Results

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	C3890P	C3891P	C3892P	C3893P	C3894P	C3895S	C3896P	C3897P	C3898P	C3900P	C3901P	C3902P
WETWT:	6.18	17.79	36.64	22.54	13.95	32.49	27.29	37.14	24.37	28.57	36.21	16.08
DRYWT:	2.01	6.03	10.04	7.19	3.92	10.04	7.97	9.99	7.31	10.00	10.03	4.60
SAMP TYPE:												
ID:	X-3 0-1	X-3 1-2	X-3 3-4	X-3 4-5	X-3 5-6	X-3 6-7	X-3 7-8	X-3 8-9	X-3 10-11	X-3 13-14	X-3 14-15	X-3 15-16
UNITS	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
TOTAL BHC'S	0.18	0.15	0.12	0.11	0.22	0.27	0.16	0.16	0.17	0.07	0.09	0.13
TOTAL CHLORDANES	1.32	2.00	2.05	1.85	1.58	2.07	2.34	2.08	1.92	1.87	2.68	1.79
TOTAL DDT'S	16.93	18.01	15.35	15.64	29.27	21.52	17.10	17.26	19.26	10.90	14.22	15.51
TOTAL PCB'S	253.3	247.9	249.2	279.4	344.7	381.6	364.1	331.0	317.5	204.9	240.3	179.4
ALPHA-BHC	0.00	0.06	0.05	0.05	0.06	0.09	0.03	0.03	0.04	0.01	0.02	0.08
HCB	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BETA-BHC	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00
GAMMA-BHC	0.18	0.08	0.06	0.06	0.16	0.09	0.11	0.13	0.14	0.05	0.06	0.00
DELTA-BHC	0.00	0.01	0.01	0.00	0.00	0.06	0.01	0.01	0.00	0.01	0.01	0.06
HEPTACHLOR	0.07	0.04	0.01	0.01	0.00	0.02	0.02	0.02	0.00	0.01	0.01	0.02
HEPTA-EPOXIDE	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00
OXYCHLORDANE	0.00	0.20	0.17	0.24	0.20	0.00	0.31	0.00	0.00	0.18	0.28	0.25
GAMMA-CHLORDANE	0.78	0.84	0.92	0.87	0.80	0.93	1.13	1.12	1.03	0.84	1.27	0.84
ALPHA-CHLORDANE	0.18	0.31	0.28	0.20	0.19	0.39	0.24	0.34	0.22	0.31	0.36	0.22
TRANS-NONACHLOR	0.09	0.13	0.08	0.07	0.08	0.13	0.06	0.08	0.07	0.05	0.08	0.08
CIS-NONACHLOR	0.19	0.49	0.58	0.44	0.30	0.61	0.56	0.52	0.60	0.47	0.66	0.39
ALDRIN	0.00	0.01	0.01	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00
DIELDRIN	0.12	0.13	0.11	0.09	0.08	0.14	0.08	0.09	0.09	0.08	0.12	0.05
ENDRIN	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIREX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,4'DDE (O,P'DDE)	0.00	0.04	0.03	0.02	0.04	0.12	0.02	0.06	0.06	0.04	0.11	0.03
4,4'DDE (P,P'DDE)	4.35	3.65	3.61	3.44	3.94	5.58	5.66	5.34	5.51	3.97	6.87	8.19
2,4'DDD (O,P'DDD)	0.54	1.00	0.98	0.97	0.84	1.50	1.35	1.41	1.31	0.74	1.02	0.72
4,4'DDD (P,P'DDD)	11.74	12.87	10.25	10.66	23.48	13.27	9.21	9.86	11.50	5.75	5.75	5.69
2,4'DDT (O,P'DDT)	0.04	0.13	0.13	0.12	0.14	0.30	0.17	0.15	0.21	0.12	0.14	0.23
4,4'DDT (P,P'DDT)	0.26	0.33	0.34	0.44	0.83	0.74	0.68	0.44	0.67	0.28	0.33	0.65
PCB#8 (CL2)	0.6	0.1	0.1	0.1	0.2	0.1	0.6	0.1	0.1	0.0	0.1	0.0
PCB#18 (CL3)	0.2	0.3	0.3	0.5	0.4	0.6	1.4	0.6	1.1	0.3	0.5	0.7
PCB#28 (CL3)	0.9	1.3	1.4	1.2	1.2	1.8	2.4	1.9	2.2	1.0	1.4	2.9
PCB#44 (CL4)	2.7	2.8	2.6	3.1	3.4	4.2	4.1	4.0	3.5	2.2	2.3	2.6

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	C3890P	C3891P	C3892P	C3893P	C3894P	C3895S	C3896P	C3897P	C3898P	C3900P	C3901P	C3902P
WETWT:	6.18	17.79	36.64	22.54	13.95	32.49	27.29	37.14	24.37	28.57	36.21	16.08
DRYWT:	2.01	6.03	10.04	7.19	3.92	10.04	7.97	9.99	7.31	10.00	10.03	4.60
SAMP TYPE:												
ID:	X-3 0-1	X-3 1-2	X-3 3-4	X-3 4-5	X-3 5-6	X-3 6-7	X-3 7-8	X-3 8-9	X-3 10-11	X-3 13-14	X-3 14-15	X-3 15-16
UNITS	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
PCB#52 (CL4)	9.3	10.3	10.5	13.3	12.0	15.9	15.1	14.6	11.6	6.8	7.9	8.6
PCB#66 (CL4)	1.2	1.9	1.5	2.0	1.7	2.8	3.1	2.6	2.7	1.2	1.6	1.7
PCB#101 (CL5)	11.2	13.3	13.6	15.0	13.6	18.6	18.6	17.4	16.9	11.3	13.8	12.4
PCB#105 (CL5)	0.3	0.4	0.7	0.6	0.2	0.6	0.5	0.3	0.6	0.6	0.6	0.4
PCB#110/77 (CL5/4)	14.8	17.8	17.9	18.9	16.5	22.7	23.6	21.2	22.6	15.8	19.3	18.7
PCB#118/108/149(CL5/5/6)	5.4	7.7	6.8	8.0	11.3	11.7	10.4	9.8	10.1	6.5	6.0	3.9
PCB#128 (CL6)	1.2	1.6	1.6	1.6	1.6	2.1	1.9	1.4	1.8	1.4	1.6	1.2
PCB#138 (CL6)	12.2	12.2	12.7	13.8	18.7	15.8	14.2	13.7	14.3	11.6	13.8	9.6
PCB#126 (CL5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCB#153 (CL6)	33.7	36.1	36.5	43.7	64.9	56.1	57.2	55.0	50.9	30.3	35.6	22.0
PCB#170 (CL7)	18.9	6.0	5.9	4.7	4.8	18.9	11.6	7.7	6.9	6.3	5.5	3.6
PCB#180 (CL7)	8.5	8.8	9.6	9.6	10.6	10.9	12.0	10.4	10.9	7.1	9.9	6.3
PCB#187/182/159(CL7/7/6)	5.8	6.0	6.4	6.7	9.1	8.7	8.5	7.9	7.6	4.4	6.2	4.1
PCB#195 (CL8)	1.1	1.3	1.2	1.0	1.2	1.8	1.5	1.3	1.2	0.8	1.0	0.5
PCB#206 (CL9)	1.3	1.5	1.3	1.5	1.5	2.0	1.9	1.3	1.4	0.6	0.8	0.5
PCB#209 (CL10)	0.2	0.4	0.2	0.2	0.0	0.4	0.3	0.2	0.2	0.1	0.1	0.0

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	C3903P	C3904P	C3905P	C3906P	C3907P	C3908P	C3909P	C3910P	C3911P	C3912P	C3913P
WETWT:	45.16	35.14	26.70	11.16	18.47	22.66	35.59	26.22	4.19	31.66	30.64
DRYWT:	9.98	10.05	10.04	4.05	7.02	10.06	10.00	7.08	0.80	10.13	10.02
SAMP TYPE:											
ID:	X-3 16-17	X-3 22-23	X-3 27-28	X-3 30-31	X-3 32-33	X-3 33-34	X-3 35-36	X-3 36-37	X-3 37-38	X-3 38-39	X-3 39-40
UNITS	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
TOTAL BHC'S	0.16	0.07	0.48	0.13	0.19	0.03	0.13	0.69	0.21	0.03	0.00
TOTAL CHLORDANES	2.04	0.84	1.36	1.39	1.91	0.74	1.39	1.08	0.03	0.04	0.03
TOTAL DDT'S	17.93	7.34	10.11	14.26	13.07	5.42	8.84	7.00	5.76	8.09	6.43
TOTAL PCB'S	246.3	174.1	259.5	243.8	251.0	77.0	34.8	44.0	23.2	54.0	46.0
ALPHA-BHC	0.05	0.05	0.38	0.09	0.12	0.02	0.02	0.02	0.00	0.01	0.00
HCB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BETA-BHC	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00
GAMMA-BHC	0.09	0.00	0.08	0.04	0.02	0.01	0.11	0.67	0.21	0.00	0.00
DELTA-BHC	0.03	0.02	0.03	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00
HEPTACHLOR	0.03	0.10	0.09	0.00	0.06	0.03	0.04	0.04	0.03	0.02	0.01
HEPTA-EPOXIDE	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
OXYCHLORDANE	0.21	0.22	0.22	0.26	0.31	0.08	0.01	0.00	0.00	0.02	0.01
GAMMA-CHLORDANE	0.88	0.38	0.80	1.06	1.17	0.57	1.34	1.04	0.00	0.00	0.00
ALPHA-CHLORDANE	0.26	0.09	0.08	0.01	0.20	0.03	0.00	0.00	0.00	0.00	0.01
TRANS-NONACHLOR	0.05	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
CIS-NONACHLOR	0.61	0.04	0.15	0.06	0.15	0.02	0.00	0.00	0.00	0.00	0.00
ALDRIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DIELDRIN	0.09	0.03	0.10	0.05	0.09	0.02	0.04	0.04	0.00	0.04	0.09
ENDRIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
MIREX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,4'DDE (O,P'DDE)	0.14	0.00	0.00	0.00	0.00	0.16	0.49	0.25	0.00	0.23	0.14
4,4'DDE (P,P'DDE)	8.62	1.40	3.25	2.66	3.62	3.03	6.52	5.13	5.15	5.78	4.73
2,4'DDD (O,P'DDD)	1.10	1.89	1.64	1.59	2.70	0.71	0.47	0.41	0.15	0.33	0.37
4,4'DDD (P,P'DDD)	7.07	3.88	4.33	9.78	6.03	1.41	1.32	1.18	0.46	1.68	1.18
2,4'DDT (O,P'DDT)	0.29	0.04	0.26	0.00	0.15	0.03	0.00	0.00	0.00	0.03	0.00
4,4'DDT (P,P'DDT)	0.73	0.15	0.63	0.24	0.57	0.08	0.04	0.03	0.00	0.04	0.02
PCB#8 (CL2)	0.2	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCB#18 (CL3)	0.4	0.6	2.8	2.2	1.3	0.4	0.2	0.0	0.0	0.0	0.0
PCB#28 (CL3)	0.0	0.0	1.9	1.5	1.2	0.3	0.4	0.4	0.0	0.0	0.0
PCB#44 (CL4)	2.0	1.1	6.0	4.7	2.5	0.9	0.1	0.1	0.2	0.1	0.1

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	C3903P	C3904P	C3905P	C3906P	C3907P	C3908P	C3909P	C3910P	C3911P	C3912P	C3913P
WETWT:	45.16	35.14	26.70	11.16	18.47	22.66	35.59	26.22	4.19	31.66	30.64
DRYWT:	9.98	10.05	10.04	4.05	7.02	10.06	10.00	7.08	0.80	10.13	10.02
SAMP TYPE:											
ID:	X-3 16-17	X-3 22-23	X-3 27-28	X-3 30-31	X-3 32-33	X-3 33-34	X-3 35-36	X-3 36-37	X-3 37-38	X-3 38-39	X-3 39-40
UNITS	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
PCB#52 (CL4)	7.9	15.1	33.4	28.6	26.3	8.5	1.4	0.9	1.3	0.5	0.6
PCB#66 (CL4)	1.8	0.7	2.5	1.2	0.9	0.4	0.0	0.0	0.0	0.0	0.0
PCB#101 (CL5)	16.4	10.5	17.9	16.9	14.0	5.1	4.3	4.3	3.3	5.5	6.6
PCB#105 (CL5)	0.7	0.0	1.4	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0
PCB#110/77 (CL5/4)	24.1	4.7	16.1	15.3	5.7	3.9	3.4	3.1	2.2	3.1	3.7
PCB#118/108/149(CL5/5/6)	5.9	2.3	6.6	5.3	3.7	1.2	0.6	0.5	0.3	0.5	0.5
PCB#128 (CL6)	1.8	2.7	1.8	1.4	3.1	0.9	1.0	0.7	0.6	1.5	1.3
PCB#138 (CL6)	13.7	1.6	6.1	8.0	2.1	2.3	1.1	0.7	0.9	1.1	1.0
PCB#126 (CL5)	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	1.0	0.8
PCB#153 (CL6)	34.6	25.6	24.8	25.9	37.9	8.9	2.8	2.4	1.0	4.2	4.5
PCB#170 (CL7)	6.4	9.8	3.1	3.2	5.9	1.6	0.7	6.9	0.6	4.4	2.0
PCB#180 (CL7)	10.3	4.7	4.9	6.5	8.2	1.9	0.8	0.7	0.5	1.8	1.5
PCB#187/182/159(CL7/7/6)	6.6	2.1	2.6	3.5	4.0	0.9	0.5	0.4	0.2	0.8	0.7
PCB#195 (CL8)	1.0	0.8	0.6	0.5	1.4	0.2	0.2	0.1	0.2	0.5	0.2
PCB#206 (CL9)	0.8	0.5	0.4	0.3	0.7	0.1	0.4	0.2	0.3	0.9	0.4
PCB#209 (CL10)	0.9	0.3	0.2	0.1	0.2	0.1	0.5	0.5	0.4	1.9	0.6

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	C3914P	C3915P	C3916P	C3917P	C3918P	C3919P	C3920P	Q3336P	Q3337P	Q3338P	C3893P
WETWT:	30.06	16.63	30.36	8.08	27.83	26.27	27.51	10.00	18.84	10.00	22.54
DRYWT:	10.01	6.02	10.05	2.53	10.02	9.01	10.04	10.00	6.01	10.00	7.19
SAMP TYPE:								BLANK	SPIKE	SAND	ORIG
ID:	X-3 40-41	X-3 42-43	X-3 43-44	X-3 44-45	X-3 45-46	X-3 46-47	X-3 47-48		of C3893P	BLANK	X-3 4-5
UNITS	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	% Recov	(ppb)	(ppb)
TOTAL BHC'S	0.17	0.00	0.00	0.12	0.02	0.01	0.06	0.00	NA	0.00	0.11
TOTAL CHLORDANES	0.04	0.12	0.00	0.00	0.03	0.08	0.03	0.00	NA	0.00	1.85
TOTAL DDT'S	4.19	1.12	0.82	1.02	0.82	0.92	1.25	0.06	NA	0.11	15.64
TOTAL PCB'S	38.8	14.8	17.7	26.3	25.9	23.0	41.6	2.3	76%	4.0	279.4
ALPHA-BHC	0.10	0.00	0.00	0.00	0.00	0.00	0.04	0.00	106%	0.00	0.05
HCB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81%	0.00	0.00
BETA-BHC	0.04	0.00	0.00	0.12	0.02	0.01	0.01	0.00	29%	0.00	0.00
GAMMA-BHC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96%	0.00	0.06
DELTA-BHC	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117%	0.00	0.00
HEPTACHLOR	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	125%	0.00	0.01
HEPTA-EPOXIDE	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	91%	0.00	0.00
OXYCHLORDANE	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	0.00	0.24
GAMMA-CHLORDANE	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	79%	0.00	0.87
ALPHA-CHLORDANE	0.01	0.00	0.00	0.00	0.02	0.03	0.02	0.00	91%	0.00	0.20
TRANS-NONACHLOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83%	0.00	0.07
CIS-NONACHLOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	0.00	0.44
ALDRIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128%	0.00	0.00
DIELDRIN	0.07	0.00	0.00	0.03	0.06	0.05	0.05	0.00	82%	0.00	0.09
ENDRIN	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	66%	0.00	0.00
MIREX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72%	0.00	0.00
2,4'DDE (O,P'DDE)	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78%	0.00	0.02
4,4'DDE (P,P'DDE)	3.24	0.93	0.66	0.87	0.59	0.64	0.68	0.06	95%	0.07	3.44
2,4'DDD (O,P'DDD)	0.23	0.09	0.09	0.11	0.16	0.13	0.19	0.00	74%	0.01	0.97
4,4'DDD (P,P'DDD)	0.55	0.11	0.06	0.04	0.07	0.14	0.26	0.00	99%	0.03	10.66
2,4'DDT (O,P'DDT)	0.03	0.00	0.00	0.00	0.00	0.00	0.06	0.00	66%	0.00	0.12
4,4'DDT (P,P'DDT)	0.02	0.00	0.00	0.00	0.00	0.00	0.06	0.00	106%	0.00	0.44
PCB#8 (CL2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.1
PCB#18 (CL3)	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.0	NA	0.0	0.5
PCB#28 (CL3)	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	1.2
PCB#44 (CL4)	0.2	0.0	0.1	0.2	0.2	0.2	0.3	0.0	NA	0.0	3.1

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	C3914P	C3915P	C3916P	C3917P	C3918P	C3919P	C3920P	Q3336P	Q3337P	Q3338P	C3893P
WETWT:	30.06	16.63	30.36	8.08	27.83	26.27	27.51	10.00	18.84	10.00	22.54
DRYWT:	10.01	6.02	10.05	2.53	10.02	9.01	10.04	10.00	6.01	10.00	7.19
SAMP TYPE:								BLANK	SPIKE	SAND	ORIG
ID:	X-3 40-41	X-3 42-43	X-3 43-44	X-3 44-45	X-3 45-46	X-3 46-47	X-3 47-48		of C3893P	BLANK	X-3 4-5
UNITS	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	% Recov	(ppb)	(ppb)
PCB#52 (CL4)	0.8	0.0	0.2	0.3	0.4	0.8	1.5	0.0	NA	0.0	13.3
PCB#66 (CL4)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	2.0
PCB#101 (CL5)	5.6	2.6	3.6	3.9	4.9	4.4	5.2	0.0	NA	0.1	15.0
PCB#105 (CL5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.6
PCB#110/77 (CL5/4)	2.5	1.0	0.8	1.0	1.4	1.1	1.7	0.0	NA	0.1	18.9
PCB#118/108/149(CL5/5/6)	0.3	0.3	0.1	0.1	0.1	0.1	0.2	0.0	NA	0.0	8.0
PCB#128 (CL6)	0.6	0.3	0.4	0.4	0.5	0.5	0.7	0.0	NA	0.0	1.6
PCB#138 (CL6)	1.3	0.3	0.1	0.6	0.2	0.2	0.2	0.0	NA	0.1	13.8
PCB#126 (CL5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0
PCB#153 (CL6)	3.0	0.5	0.6	0.5	0.8	1.0	1.5	0.0	NA	0.1	43.7
PCB#170 (CL7)	1.4	0.3	1.0	3.5	1.6	0.4	6.0	0.0	NA	0.6	4.7
PCB#180 (CL7)	1.0	0.2	0.2	0.2	0.3	0.4	0.4	0.0	NA	0.0	9.6
PCB#187/182/159(CL7/7/6)	0.6	0.1	0.1	0.0	0.2	0.2	0.2	0.0	NA	0.0	6.7
PCB#195 (CL8)	0.3	0.1	0.2	0.1	0.2	0.2	0.2	0.0	NA	0.0	1.0
PCB#206 (CL9)	0.6	0.1	0.2	0.3	0.5	0.4	0.3	0.0	NA	0.0	1.5
PCB#209 (CL10)	1.0	0.3	0.3	0.7	0.9	0.5	1.1	0.0	NA	0.0	0.2

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	Q3339P	Q3345P	Q3346P	Q3347P	C3907P	Q3348P	Q3364P	C3915P	Q3365P	Q3366P	Q3367P
WETWT:	19.00	10.00	17.63	10.00	18.47	18.58	10.28	16.63	16.66	10.00	16.99
DRYWT:	6.06	10.00	6.70	10.00	7.02	7.06	10.28	6.02	6.03	10.00	6.15
SAMP TYPE:	QA/QC	BLANK	SPIKE	SAND	REP	QA/QC	SAND	ORIG	QA/QC	BLANK	SPIKE
ID:	of C3893P		of C3907P	BLANK	X-3 32-33	of C3907P	BLANK	X-3 42-43	of C3915P		of C3915P
UNITS	(ppb)	(ppb)	% Recov	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	% Recov
TOTAL BHC'S	0.10	0.00	NA	0.00	0.19	0.10	0.00	0.00	0.00	0.00	NA
TOTAL CHLORDANES	1.89	0.00	NA	0.00	1.91	1.79	0.00	0.12	0.00	0.02	NA
TOTAL DDT'S	18.27	0.13	NA	0.08	13.07	11.58	0.05	1.12	0.80	0.04	NA
TOTAL PCB'S	340.6	2.3	93%	2.2	251.0	237.4	3.4	14.8	14.1	2.8	85%
ALPHA-BHC	0.05	0.00	109%	0.00	0.12	0.05	0.00	0.00	0.00	0.00	102%
HCB	0.00	0.00	22%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6%
BETA-BHC	0.00	0.00	8%	0.00	0.01	0.01	0.00	0.00	0.00	0.00	19%
GAMMA-BHC	0.04	0.00	105%	0.00	0.02	0.01	0.00	0.00	0.00	0.00	97%
DELTA-BHC	0.00	0.00	98%	0.00	0.03	0.02	0.00	0.00	0.00	0.00	110%
HEPTACHLOR	0.01	0.00	103%	0.00	0.06	0.03	0.00	0.00	0.00	0.00	83%
HEPTA-EPOXIDE	0.00	0.00	81%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95%
OXYCHLORDANE	0.26	0.00	NA	0.00	0.31	0.28	0.00	0.00	0.00	0.00	NA
GAMMA-CHLORDANE	0.77	0.00	90%	0.00	1.17	1.16	0.00	0.12	0.00	0.02	82%
ALPHA-CHLORDANE	0.28	0.00	101%	0.00	0.20	0.19	0.00	0.00	0.00	0.00	93%
TRANS-NONACHLOR	0.11	0.00	92%	0.00	0.03	0.02	0.00	0.00	0.00	0.00	84%
CIS-NONACHLOR	0.46	0.00	NA	0.00	0.15	0.11	0.00	0.00	0.00	0.00	NA
ALDRIN	0.00	0.00	99%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79%
DIELDRIN	0.10	0.00	96%	0.00	0.09	0.06	0.00	0.00	0.02	0.00	89%
ENDRIN	0.00	0.00	102%	0.00	0.00	0.00	0.00	0.24	0.00	0.00	78%
MIREX	0.00	0.00	87%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53%
2,4'DDE (O,P'DDE)	0.06	0.00	84%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82%
4,4'DDE (P,P'DDE)	3.91	0.13	108%	0.08	3.62	3.22	0.05	0.93	0.64	0.04	75%
2,4'DDD (O,P'DDD)	1.05	0.00	101%	0.00	2.70	2.62	0.00	0.09	0.09	0.00	70%
4,4'DDD (P,P'DDD)	12.77	0.00	105%	0.00	6.03	5.48	0.00	0.11	0.07	0.00	70%
2,4'DDT (O,P'DDT)	0.13	0.00	94%	0.00	0.15	0.07	0.00	0.00	0.00	0.00	78%
4,4'DDT (P,P'DDT)	0.34	0.00	95%	0.00	0.57	0.19	0.00	0.00	0.00	0.00	123%
PCB#8 (CL2)	0.1	0.0	NA	0.0	0.0	0.1	0.0	0.0	0.0	0.0	NA
PCB#18 (CL3)	0.3	0.0	NA	0.0	1.3	0.8	0.0	0.0	0.0	0.0	NA
PCB#28 (CL3)	1.4	0.0	NA	0.0	1.2	1.5	0.0	0.7	0.0	0.0	NA
PCB#44 (CL4)	3.5	0.0	NA	0.0	2.5	2.3	0.0	0.0	0.1	0.0	NA

Saint Johns River Core Pesticide and PCB Results - 1992

RAW FILE #	Q3339P	Q3345P	Q3346P	Q3347P	C3907P	Q3348P	Q3364P	C3915P	Q3365P	Q3366P	Q3367P
WETWT:	19.00	10.00	17.63	10.00	18.47	18.58	10.28	16.63	16.66	10.00	16.99
DRYWT:	6.06	10.00	6.70	10.00	7.02	7.06	10.28	6.02	6.03	10.00	6.15
SAMP TYPE:	QA/QC	BLANK	SPIKE	SAND	REP	QA/QC	SAND	ORIG	QA/QC	BLANK	SPIKE
ID:	of C3893P		of C3907P	BLANK	X-3 32-33	of C3907P	BLANK	X-3 42-43	of C3915P		of C3915P
UNITS	(ppb)	(ppb)	% Recov	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	% Recov
PCB#52 (CL4)	13.6	0.0	NA	0.0	26.3	23.4	0.0	0.0	0.2	0.0	NA
PCB#66 (CL4)	2.2	0.0	NA	0.0	0.9	1.1	0.0	0.0	0.0	0.0	NA
PCB#101 (CL5)	16.3	0.0	NA	0.0	14.0	13.1	0.0	2.6	2.6	0.0	NA
PCB#105 (CL5)	0.5	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
PCB#110/77 (CL5/4)	20.4	0.0	NA	0.0	5.7	5.2	0.0	1.0	0.8	0.0	NA
PCB#118/108/149(CL5/5/6)	11.8	0.0	NA	0.0	3.7	3.4	0.0	0.3	0.1	0.0	NA
PCB#128 (CL6)	2.4	0.0	NA	0.0	3.1	3.1	0.0	0.3	0.3	0.0	NA
PCB#138 (CL6)	18.1	0.0	NA	0.0	2.1	2.1	0.0	0.3	0.0	0.1	NA
PCB#126 (CL5)	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
PCB#153 (CL6)	55.1	0.0	NA	0.0	37.9	36.9	0.0	0.5	0.5	0.0	NA
PCB#170 (CL7)	6.6	0.0	NA	0.0	5.9	5.7	0.6	0.3	0.8	0.2	NA
PCB#180 (CL7)	11.0	0.0	NA	0.0	8.2	8.2	0.0	0.2	0.2	0.0	NA
PCB#187/182/159(CL7/7/6)	8.2	0.0	NA	0.0	4.0	3.8	0.0	0.1	0.1	0.0	NA
PCB#195 (CL8)	1.5	0.0	NA	0.0	1.4	1.2	0.0	0.1	0.1	0.0	NA
PCB#206 (CL9)	1.8	0.0	NA	0.0	0.7	0.7	0.0	0.1	0.1	0.0	NA
PCB#209 (CL10)	0.3	0.0	NA	0.0	0.2	0.2	0.0	0.3	0.3	0.0	NA

ANTARCTIC STUDIES

Limpet Aromatic Hydrocarbon Data

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Station 4		Station 3		Station 12		Station 12		Station 13	
ID:	Humble Island		Humble Island		Janus Island		Janus Island		Christine Is	
LABSAMNO:	J1292		J1825		J1289		J1840		J1312	
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
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1989		1991		1989		1991		1989.00	
RECEIPT DATE:										
QCBATCH:	M801		M801		M801		M801		M861	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93		03/04/93		06/25/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/06/93		04/06/93		04/06/93		04/06/93		07/25/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93		05/03/93		08/02/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:	10.274		8.613		7.945		9.764		4.24	
DRYWT:	2.9		1.78		2.06		2.18		1.14	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	28.2%		20.7%		25.9%		22.3%		0.27	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	10.96		16.37		65.42	Q	11.33		19.19	
C1-NAPHTHALENES	74.88		14.44		74.39	Q	8.90		111.01	
C2-NAPHTHALENES	176.30		16.36		0.00	Q	14.12		157.98	
C3-NAPHTHALENES	181.44		22.34		0.00	Q	14.11		141.65	
C4-NAPHTHALENES	99.14		17.27		0.00	Q	0.00	ND	65.79	
BIPHENYL	8.7		3.18	J	3.52	Q	1.87	J	7.36	
ACENAPHTHYLENE	0.13	J	0.31	J	11.68	Q	0.15	J	0.22	J
ACENAPHTHENE	1.27	J	1.16	J	15.52	Q	0.74	J	1.52	J
FLUORENE	1.48	J	0.91	J	6.47	Q	1.38	J	4.72	J
C1-FLUORENES	52.23		13.09		0.00	Q	4.90	J	36.85	
C2-FLUORENES	67.00		60.56		0.00	Q	12.44		88.96	
C3-FLUORENES	76.42		59.33		0.00	Q	15.45		85.24	
PHENANTHRENE	208.37		7.35		2429.0	Q	3.26	J	205.24	
ANTHRACENE	19.71		4.63	J	461	Q	1.3	J	17.00	
C1-PHEN_ANTHR	249.23		17.24		0.00	Q	9.52		200.71	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Station 4		Station 3		Station 12		Station 12		Station 13	
ID:	Humble Island		Humble Island		Janus Island		Janus Island		Christine Is	
LABSAMNO:	J1292		J1825		J1289		J1840		J1312	
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
C2-PHEN_ANTHR	181.05		13.26		0.00	Q	7.71		121.01	
C3-PHEN_ANTHR	92.23		12.56		0.00	Q	0.00	ND	44.89	
C4-PHEN_ANTHR	32.62		0.00	ND	0.00	Q	0.00	ND	23.58	
DIBENZOTHIO	1.4	J	0.56	J	867	Q	1.2	J	2.08	J
C1-DIBEN	8.48		0.00	ND	0.00	Q	0.00	ND	0.00	ND
C2-DIBEN	20.74		0.00	ND	0.00	Q	0.00	ND	0.00	ND
C3-DIBEN	19.32		0.00	ND	0.00	Q	0.00	ND	0.00	ND
FLUORANTHENE	2.42	J	1.15	J	631.0	Q	0.73	J	0.82	J
PYRENE	1.57	J	1.36	J	1694.0	Q	0.8	J	2.57	J
C1-FLUORAN_PYR	23.52		6.42	J	0.00	Q	4.12	J	0.00	ND
BENaANTHRACENE	1.59	J	0.61	J	5.13	Q	0.09	J	1.12	J
CHRYSENE	32.32		1.34	J	8.32	Q	0.5	J	25.03	
C1-CHRYSENES	17.92		0.00	ND	0.00	Q	0.00	ND	0.00	ND
C2-CHRYSENES	7.12		0.00	ND	0.00	Q	0.00	ND	0.00	ND
C3-CHRYSENES	0.00	ND	0.00	ND	0.00	Q	0.00	ND	0.00	ND
C4-CHRYSENES	0.00	ND	0.00	ND	0.00	Q	0.00	ND	0.00	ND
BENbFLUORAN	0.39	J	0.33	J	5.23	Q	0.11	J	1.12	J
BENkFLUORAN	0.41	J	0.35	J	5.55	Q	0.12	J	1.12	J
BENePYRENE	0.54	J	0.32	J	6	Q	0.1	J	6.32	J
BENaPYRENE	0.16	J	0.38	J	1.71	Q	0.12	J	2.68	J
PERYLENE	0.47	J	0.62	J	7.67	Q	0.34	J	1.64	J
I123cdPYRENE	0.16	J	0.13	J	3.51	Q	0.23	J	0.89	J
DBahANTHRA	0.11	J	0.09	J	7.25	Q	0.41	J	0.41	J
BghiPERYLENE	0.14	J	0.33	J	4.11	Q	0.12	J	1.34	J
Total PAH's: (w/o Perylene)	1671.5		293.7		6305.8		115.8		1378.39	
2-METHYLNAPH	62.55		8.88		29.42	Q	6.04		92.26	
1-METHYLNAPH	12.33		5.56		44.97	Q	2.86	J	18.74	
2,6-DIMETHNAPH	122.91		6.09		14.6	Q	4.46	J	147.04	
2,3,5-TRIMETHNAPH	43.75		1.75	J	16.96	Q	0.66	J	57.27	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Station 4		Station 3		Station 12		Station 12		Station 13	
ID:	Humble Island		Humble Island		Janus Island		Janus Island		Christine Is	
LABSAMNO:	J1292		J1825		J1289		J1840		J1312	
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
1-METHYLPHEN	15.6		3.26	J	886	Q	0.89	J	12.16	
Surrogate Recoveries										
NAPHD8:	92.2		73.6		1.2	Q	65.5		40.23	
ACEND10:	32.6		75.4		3.0	Q	68.2		38.74	
PHEND10:	73.9		71.4		0.0	Q	61.9		37.37	
CHRYD12:	58.4		55.5		2.7	Q	54.0		36.55	
PERYD12:	56.6		55.7		3.2	Q	60.9		23.34	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Station 13		Station 20		Station 20		Transect D-7		Transect D-7	
ID:	Christine Is		Cormorant Is		Cormorant Is		Hermit Island		Hermit Island	
LABSAMNO:	J1842		J1310		J1850		J1344		J1866	
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
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1989		1991		1989		1991	
RECEIPT DATE:										
QCBATCH:	M801		M801		M801		M801		M802	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/06/93		04/06/93		04/06/93		04/06/93		04/21/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:	10.991		8.574		9.341		10.393		10.135	
DRYWT:	2.46		2.08		2.18		2.12		1.78	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	22.4%		24.3%		23.3%		20.4%		17.6%	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	13.6		14.81		58.78		12.26		19.83	
C1-NAPHTHALENES	13.33		66.25		39.84		31.61		13.52	
C2-NAPHTHALENES	22.67		165.80		17.41		45.28		7.83	J
C3-NAPHTHALENES	22.56		215.91		17.17		48.26		12.29	
C4-NAPHTHALENES	22.38		116.03		0.00	ND	31.34		0.00	ND
BIPHENYL	2.27	J	5.85		4.84	J	3.04	J	3.49	J
ACENAPHTHYLENE	0.17	J	0.13	J	0.42	J	0.37	J	0.23	J
ACENAPHTHENE	0.5	J	1.12	J	0.9	J	1.33	J	0.56	J
FLUORENE	0.9	J	2.06	J	0.61	J	1.18	J	0.84	J
C1-FLUORENES	22.92		28.82		4.04	J	6.16	J	0.00	ND
C2-FLUORENES	80.87		115.74		11.18		27.64		0.00	ND
C3-FLUORENES	76.90		91.94		14.53		29.82		0.00	ND
PHENANTHRENE	12.44		254.48		2.21	J	50.67		3.6	J
ANTHRACENE	9.98		26.15		0.66	J	7.43		0.31	J
C1-PHEN_ANTHR	33.24		311.84		4.59	J	63.76		0.00	ND

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Station 13		Station 20		Station 20		Transect D-7		Transect D-7	
ID:	Christine Is		Cormorant Is		Cormorant Is		Hermit Island		Hermit Island	
LABSAMNO:	J1842		J1310		J1850		J1344		J1866	
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
C2-PHEN_ANTHR	25.61		209.46		8.05	J	42.19		0.00	
C3-PHEN_ANTHR	0.00	ND	90.58		10.76		17.60		0.00	ND
C4-PHEN_ANTHR	0.00	ND	31.14		8.10	J	8.73		0.00	ND
DIBENZOTHIO	0.26	J	1.92	J	0.64	J	0.66	J	0.41	J
C1-DIBEN	0.00	ND	8.52	J	0.00	ND	3.77	J	0.00	ND
C2-DIBEN	0.00	ND	31.39		0.00	ND	6.18	J	0.00	ND
C3-DIBEN	0.00	ND	27.85		0.00	ND	0.00	ND	0.00	ND
FLUORANTHENE	0.42	J	2.77	J	0.37	J	0.75	J	0.96	J
PYRENE	0.63	J	2.46	J	0.39	J	0.7	J	2.26	J
C1-FLUORAN_PYR	9.56		23.90		4.89	J	6.33	J	0.00	ND
BENaANTHRACENE	0.09	J	7.52		0.2	J	1.2	J	0.27	J
CHRYSENE	1.36	J	33		0.44	J	8.45		0.3	J
C1-CHRYSENES	0.00	ND	19.30		0.00	ND	6.34	ND	0.00	ND
C2-CHRYSENES	0.00	ND	7.96	ND	0.00	ND	4.73	ND	0.00	ND
C3-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
C4-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
BENbFLUORAN	0.21	J	0.47	J	0.05	J	0.11	J	0.14	J
BENkFLUORAN	0.22	J	0.5	J	0.05	J	0.12	J	0.14	J
BENePYRENE	0.28	J	0.16	J	0.1	J	0.21	J	0.43	J
BENaPYRENE	0.18	J	0.18	J	0.16	J	0.05	J	0.24	J
PERYLENE	0.47	J	0.55	J	0.42	J	0.45	J	0.4	J
I123cdPYRENE	0.1	J	0.16	J	0.12	J	0.18	J	0.44	J
DBahANTHRA	0.09	J	0.06	J	0.54	J	0.1	J	0.05	J
BghiPERYLENE	0.23	J	0.28	J	0.34	J	0.2	J	0.86	J
Total PAH's: (w/o Perylene)	374.0		1916.5		212.4		468.8		69.0	
2-METHYLNAPH	10.43		54.43		26.24		24.88		8.62	
1-METHYLNAPH	2.9	J	11.82		13.6		6.73		4.9	J
2,6-DIMETHNAPH	8.34		105.48		5.08		29.43		3.64	J
2,3,5-TRIMETHNAPH	1.09	J	42.4		1.43	J	10.47		1.42	J

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Station 13		Station 20		Station 20		Transect D-7		Transect D-7	
ID:	Christine Is		Cormorant Is		Cormorant Is		Hermit Island		Hermit Island	
LABSAMNO:	J1842		J1310		J1850		J1344		J1866	
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
1-METHYLPHEN	0.85	J	15.86		0.55	J	4.21	J	0.42	J
Surrogate Recoveries										
NAPHD8:	55.4		70.9		73.5		77.9		73.8	
ACEND10:	60.2		78.5		72.8		79.7		65.4	
PHEND10:	57.5		77.2		67.2		73.8		64.5	
CHRYD12:	46.7		58.0		54.3		59.5		58.7	
PERYD12:	44.7		70.2		60.5		65.0		47.2	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-11		Transect D-11		Transect D-12		Transect D-12		Transect D-13	
ID:	0' Palmer Sta		54' Palmer Sta		0' Palmer Sta		62' Palmer Sta		0' Palmer Sta	
LABSAMNO:	J1871		J1872		J1875		J1876		J1881	
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
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991		1991		1991	
RECEIPT DATE:										
QCBATCH:	M802		M802		M802		M802		M802	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/21/93		04/21/93		04/21/93		04/22/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:	10.005		10.358		4.194		10.086		10	
DRYWT:	2.15		2.81		0.91		2.01		2.06	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	21.5%		27.1%		21.7%		19.9%		20.6%	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	21.94		9.95		24.1		21.65		53.92	
C1-NAPHTHALENES	29.71		11.50		24.95		18.64		207.01	
C2-NAPHTHALENES	30.04		5.45	J	22.12		8.90	J	299.36	
C3-NAPHTHALENES	28.75		7.72	J	26.65		13.55		391.80	
C4-NAPHTHALENES	23.31		3.77	J	16.27		6.87	J	313.62	
BIPHENYL	2.9	J	1.6	J	4.72	J	3.9	J	27.11	
ACENAPHTHYLENE	0.35	J	0.09	J	0.31	J	0.25	J	1.12	J
ACENAPHTHENE	0.57	J	0.25	J	0.62	J	0.25	J	4.12	J
FLUORENE	1.1	J	0.6	J	1.15	J	1.12	J	9.68	
C1-FLUORENES	8.63	J	4.20	J	7.89	J	8.37	J	46.71	
C2-FLUORENES	45.13		10.69		28.16		14.71		142.20	
C3-FLUORENES	29.86		0.00	ND	18.53		0.00	ND	144.53	
PHENANTHRENE	15.06		3.62	J	13.62		5.42	J	181.51	
ANTHRACENE	3.98	J	1.14	J	3.03	J	0.58	J	11.96	
C1-PHEN_ANTHR	20.23		8.73		12.03		7.92	J	221.05	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-11		Transect D-11		Transect D-12		Transect D-12		Transect D-13	
ID:	0' Palmer Sta		54' Palmer Sta		0' Palmer Sta		62' Palmer Sta		0' Palmer Sta	
LABSAMNO:	J1871		J1872		J1875		J1876		J1881	
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
C2-PHEN_ANTHR	12.10		4.45	J	6.89	J	5.08	J	170.81	
C3-PHEN_ANTHR	7.72	J	0.00	ND	6.37	J	7.15	J	79.49	
C4-PHEN_ANTHR	4.43	J	0.00	ND	0.00	ND	0.00	ND	30.71	
DIBENZOTHIO	0.53	J	0.2	J	0.5	J	0.44	J	5.57	
C1-DIBEN	1.77	J	0.67	J	1.28	J	1.09	J	37.20	
C2-DIBEN	1.99	J	0.00	ND	2.22	J	2.06	J	88.24	
C3-DIBEN	1.88	J	0.00	ND	0.00	ND	1.05	J	60.76	
FLUORANTHENE	1.25	J	0.68	J	1.32	J	0.56	J	2.61	J
PYRENE	1.9	J	1.18	J	2.73	J	1.24	J	5.31	
C1-FLUORAN_PYR	3.33	J	0.00	ND	0.00	ND	0.00	ND	15.47	
BENaANTHRACENE	0.52	J	0.28	J	0.47	J	0.29	J	1.82	J
CHRYSENE	2.72	J	0.99	J	1.21	J	0.53	J	14.93	
C1-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	4.73	J
C2-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	5.22	J
C3-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
C4-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
BENbFLUORAN	0.47	J	0.29	J	0.42	J	0.13	J	2.09	J
BENkFLUORAN	0.46	J	0.28	J	0.42	J	0.13	J	2.08	J
BENePYRENE	0.37	J	0.23	J	0.44	J	0.15	J	1.03	J
BENaPYRENE	0.2	J	0.15	J	0.3	J	0.07	J	0.38	J
PERYLENE	0.28	J	0.83	J	0.93	J	0.4	J	1.5	J
I123cdPYRENE	0.34	J	0.27	J	0.47	J	0.22	J	1.36	J
DBahANTHRA	0.14	J	0.03	J	0.2	J	0.09	J	0.41	J
BghiPERYLENE	0.37	J	0.43	J	0.66	J	0.37	J	1.66	J
Total PAH's: (w/o Perylene)	304.1		79.4		230.1		132.8		2587.6	
2-METHYLNAPH	19.45		7.13		16.47		11.91		160.57	
1-METHYLNAPH	10.26		4.37	J	8.48		6.73		46.44	
2,6-DIMETHNAPH	17.13		2.57	J	11.36		4.64	J	188.59	
2,3,5-TRIMETHNAPH	7.18		1.26	J	4.33	J	2.36	J	98.55	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-11		Transect D-11		Transect D-12		Transect D-12		Transect D-13	
ID:	0' Palmer Sta		54' Palmer Sta		0' Palmer Sta		62' Palmer Sta		0' Palmer Sta	
LABSAMNO:	J1871		J1872		J1875		J1876		J1881	
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
1-METHYLPHEN	5.78		0.63	J	4.33	J	0.82	J	21.62	
Surrogate Recoveries										
NAPHD8:	73.7		92.2		69.2		86.2		77.6	
ACEND10:	67.8		72.7		65.5		74.3		72.3	
PHEND10:	71.2		71.0		69.7		77.0		72.2	
CHRYD12:	59.2		67.4		58.9		67.9		69.5	
PERYD12:	45.1		44.1		37.5		35.6		42.2	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-13		Transect D-14		Transect D-14		Transect D-17		Transect D-17	
ID:	31' Palmer Sta		0' Old Palmer		30' Old Palmer		0'		60-62'	
LABSAMNO:	J1880		J1887		J1883		J1893		J1896	
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
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991		1991		1991	
RECEIPT DATE:										
QCBATCH:	M802		M803		M802		M803		M803	
EXTRACTION DATE:	03/04/93		03/05/93		03/04/93		03/05/93		03/05/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/07/93		04/22/93		04/07/93		04/07/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:	10.629		3.744		10.041		4.006		9.939	
DRYWT:	2.18		0.7		1.92		0.88		2.66	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	20.5%		18.7%		19.1%		22.0%		26.8%	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	10.96		87.36		11.07		65.89		10.33	
C1-NAPHTHALENES	10.88		70.74		10.28		57.32		10.96	
C2-NAPHTHALENES	11.30		38.30		6.92	J	40.35		7.16	J
C3-NAPHTHALENES	15.53		54.15		11.19		50.63		10.59	
C4-NAPHTHALENES	10.29		42.80		6.11	J	28.79		0.00	ND
BIPHENYL	2.29	J	103.67		2.08	J	46.47		7.76	
ACENAPHTHYLENE	0.31	J	3.70	J	0.17	J	1.99	J	0.29	J
ACENAPHTHENE	0.32	J	3.41	J	0.53	J	1.95	J	1.26	J
FLUORENE	0.54	J	4.83	J	0.66	J	7.82		1.48	J
C1-FLUORENES	4.65	J	17.66		0.00	ND	23.86		4.11	J
C2-FLUORENES	14.94		45.99		0.00	ND	65.78		6.91	J
C3-FLUORENES	13.76		59.91		0.00	ND	53.72		0.00	J
PHENANTHRENE	11.53		26.52		7.53		20.10		1.83	J
ANTHRACENE	2.37	J	7.66		2.33	J	11.51		1.96	J
C1-PHEN_ANTHR	8.61	J	26.08		8.16	J	29.74		5.27	J

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-13			Transect D-14			Transect D-14			Transect D-17			Transect D-17		
ID:	31' Palmer Sta			0' Old Palmer			30' Old Palmer			0'			60-62'		
LABSAMNO:	J1880			J1887			J1883			J1893			J1896		
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
C2-PHEN_ANTHR	6.38		J	21.01			7.69		J	22.15			0.00		ND
C3-PHEN_ANTHR	5.00		J	0.00		ND	0.00		ND	25.81			0.00		ND
C4-PHEN_ANTHR	2.43		J	0.00		ND	0.00		ND	0.00		ND	0.00		ND
DIBENZOTHIO	0.3		J	4.30		J	0.24		J	2.18		J	0.53		J
C1-DIBEN	0.99		J	0.00		ND	0.00		ND	0.00		ND	0.00		ND
C2-DIBEN	1.60		J	0.00		ND	0.00		ND	0.00		ND	0.00		ND
C3-DIBEN	1.52		J	0.00		ND	0.00		ND	0.00		ND	0.00		ND
FLUORANTHENE	1.08		J	4.50		J	2.09		J	3.88		J	0.57		J
PYRENE	1.59		J	4.52		J	2.56		J	3.62		J	0.90		J
C1-FLUORAN_PYR	1.53		J	13.55			1.98		J	10.38			0.00		ND
BENaANTHRACENE	0.97		J	6.32			1.99		J	4.34		J	0.52		J
CHRYSENE	2.57		J	12.33			3.96		J	6.57			0.93		J
C1-CHRYSENES	0.00		ND	0.00		ND	0.00		ND	0.00		ND	0.00		ND
C2-CHRYSENES	0.00		ND	0.00		ND	0.00		ND	0.00		ND	0.00		ND
C3-CHRYSENES	0.00		ND	0.00		ND	0.00		ND	0.00		ND	0.00		ND
C4-CHRYSENES	0.00		ND	0.00		ND	0.00		ND	0.00		ND	0.00		ND
BENbFLUORAN	0.6		J	4.21		J	1.34		J	2.98		J	0.33		J
BENkFLUORAN	0.59		J	4.47		J	1.33		J	3.16		J	0.35		J
BENePYRENE	0.28		J	2.27		J	0.77		J	2.48		J	0.41		J
BENaPYRENE	0.21		J	2.88		J	0.63		J	1.86		J	0.51		J
PERYLENE	0.86		J	46.84			0.59		J	21.99			3.62		J
I123cdPYRENE	0.35		J	2.80		J	0.78		J	2.39		J	0.22		J
DBahANTHRA	0.19		J	2.82		J	0.1		J	1.99		J	0.27		J
BghiPERYLENE	0.44		J	2.74		J	0.8		J	1.95		J	0.41		J
Total PAH's: (w/o Perylene)	146.9			681.5			93.3			601.7			75.9		
2-METHYLNAPH	7.1			45.46			6.53			38.02			7.27		
1-METHYLNAPH	3.78		J	25.28			3.75		J	19.30			3.69		J
2,6-DIMETHNAPH	5.73			26.70			3		J	20.01			3.50		J
2,3,5-TRIMETHNAPH	3.45		J	6.73			1.38		J	6.86			1.22		J

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-13		Transect D-14		Transect D-14		Transect D-17		Transect D-17	
ID:	31' Palmer Sta		0' Old Palmer		30' Old Palmer		0'		60-62'	
LABSAMNO:	J1880		J1887		J1883		J1893		J1896	
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
1-METHYLPHEN	0.86	J	7.53		0.59	J	11.41		1.55	J
Surrogate Recoveries										
NAPHD8:	73.4		58.4		71.9		59.7		65.3	
ACEND10:	68.5		52.8		68.6		59.2		65.8	
PHEND10:	67.3		46.0		74.5		60.9		63.2	
CHRYD12:	65.8		38.6		69.2		45.7		47.0	
PERYD12:	33.2		34.8		63.4		40.2		47.0	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-19		Transect D-19		Transect D-7		Transect D-7		Station 12	
ID:	0' Palmer Sta		42' Palmer Sta		Hermit Island		18' Hermit Island		Janus Island	
LABSAMNO:	J1882		J1886		J1866		J1865		J1840	
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
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991		1991		1991	
RECEIPT DATE:										
QCBATCH:	M802		M802		M802		M801		M801	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/22/93		04/22/93		04/21/93		04/06/93		04/06/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:	10.184		10.116		10.135		8.253		9.764	
DRYWT:	2.1		2.5		1.78		1.47		2.18	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	20.6%		24.7%		17.6%		17.8%		22.3%	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	15.59		11.64		19.83		19.7		11.33	
C1-NAPHTHALENES	19.38		12.97		13.52		14.73		8.90	
C2-NAPHTHALENES	22.06		10.84		7.83	J	17.01		14.12	
C3-NAPHTHALENES	24.15		15.10		12.29		23.46		14.11	
C4-NAPHTHALENES	16.11		7.30	J	0.00	ND	0.00	ND	0.00	ND
BIPHENYL	2.19	J	3.13	J	3.49	J	3.91	J	1.87	J
ACENAPHTHYLENE	0.82	J	0.16	J	0.23	J	0.53	J	0.15	J
ACENAPHTHENE	0.45	J	0.38	J	0.56	J	2.1	J	0.74	J
FLUORENE	1.39	J	0.46	J	0.84	J	1.7	J	1.38	J
C1-FLUORENES	64.93		7.32	J	0.00	ND	6.44	J	4.90	J
C2-FLUORENES	0.00	ND	0.00	ND	0.00	ND	13.22		12.44	
C3-FLUORENES	0.00	ND	0.00	ND	0.00	ND	26.12		15.45	
PHENANTHRENE	21.05		5.48		3.6	J	3.39	J	3.26	J
ANTHRACENE	3.57	J	0.74	J	0.31	J	1.28	J	1.3	J
C1-PHEN_ANTHR	27.31		6.98	J	0.00	ND	6.44	J	9.52	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-19		Transect D-19		Transect D-7		Transect D-7		Station 12	
ID:	0' Palmer Sta		42' Palmer Sta		Hermit Island		18' Hermit Island		Janus Island	
LABSAMNO:	J1882		J1886		J1866		J1865		J1840	
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
C2-PHEN_ANTHR	18.48		5.06	J	0.00	ND	9.53	J	7.71	
C3-PHEN_ANTHR	21.19		0.00	ND	0.00	ND	0.00	ND	0.00	ND
C4-PHEN_ANTHR	11.42		0.00	ND	0.00	ND	0.00	ND	0.00	ND
DIBENZOTHIO	0.35	J	0.44	J	0.41	J	0.56	J	1.2	J
C1-DIBEN	0.00	ND	1.15	J	0.00	ND	0.00	ND	0.00	ND
C2-DIBEN	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
C3-DIBEN	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
FLUORANTHENE	1.12	J	0.82	J	0.96	J	0.87	J	0.73	J
PYRENE	1.74	J	1.2	J	2.26	J	0.77	J	0.8	J
C1-FLUORAN_PYR	4.86	J	0.00	ND	0.00	ND	5.09	J	4.12	J
BENaANTHRACENE	0.96	J	0.31	J	0.27	J	0.42	J	0.09	J
CHRYSENE	1.97	J	1.55	J	0.3	J	1.11	J	0.5	J
C1-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
C2-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
C3-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
C4-CHRYSENES	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
BENbFLUORAN	0.33	J	0.45	J	0.14	J	0.14	J	0.11	J
BENkFLUORAN	0.33	J	0.44	J	0.14	J	0.15	J	0.12	J
BENePYRENE	0.45	J	0.32	J	0.43	J	0.19	J	0.1	J
BENaPYRENE	0.37	J	0.15	J	0.24	J	0.33	J	0.12	J
PERYLENE	0.53	J	0.75	J	0.4	J	0.41	J	0.34	J
I123cdPYRENE	0.27	J	0.43	J	0.44	J	0.13	J	0.23	J
DBahANTHRA	0.12	J	0.15	J	0.05	J	0.52	J	0.41	J
BghiPERYLENE	0.42	J	0.33	J	0.86	J	0.23	J	0.12	J
Total PAH's: (w/o Perylene)	283.4		95.3		69.0		160.1		115.8	
2-METHYLNAPH	14.42		8.07		8.62		9.11		6.04	
1-METHYLNAPH	4.96	J	4.9	J	4.9	J	5.62		2.86	J
2,6-DIMETHNAPH	12.02		4.93	J	3.64	J	5.52		4.46	J
2,3,5-TRIMETHNAPH	3.37	J	2.91	J	1.42	J	2.74	J	0.66	J

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-19		Transect D-19		Transect D-7		Transect D-7		Station 12	
ID:	0' Palmer Sta		42' Palmer Sta		Hermit Island		18' Hermit Island		Janus Island	
LABSAMNO:	J1882		J1886		J1866		J1865		J1840	
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
1-METHYLPHEN	2.65	J	0.51	J	0.42	J	1.28	J	0.89	J
Surrogate Recoveries										
NAPHD8:	69.1		71.4		73.8		67.7		65.5	
ACEND10:	64.5		66.3		65.4		66.3		68.2	
PHEND10:	62.8		68.7		64.5		64.4		61.9	
CHRYD12:	64.6		68.4		58.7		53.3		54.0	
PERYD12:	54.3		59.6		47.2		50.2		60.9	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-14		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	ANTARC NIST	M801	Station 12		PROC BLANK		Station 12	
LABSAMNO:	Q4882		Q4883		Q4884		Q4885	
UNIT:		ng/g		ng/g		ng/g		ng/g
PNA Analyte		Conc DB QUAL		Conc DB QUAL		Conc DB QUAL		Conc DB QUAL
SAMPLE TYPE:		SRM		DUP OF J1840		BLK		MS OF J1840
COLLECTION DATE:								
RECEIPT DATE:								
QCBATCH:		M801		M801		M801		M801
EXTRACTION DATE:		03/04/93		03/04/93		03/04/93		03/04/93
METHOD:		GCMS		GCMS		GCMS		GCMS
ANALYSIS DATE:		04/06/93		04/06/93		04/06/93		04/06/93
METHOD:		GCECD		GCECD		GCECD		GCECD
ANALYSIS DATE:		05/03/93		05/03/93		05/03/93		05/03/93
MATRIX:		TISSUE		TISSUE		TISSUE		TISSUE
SUBMAT:								
SAMPLWT:								
WETWT:		5.049		9.614		10		9.896
DRYWT:		0.67		2.04		10		2.14
WTUNITS:		GRAMS		GRAMS		GRAMS		GRAMS
PCTSOLIDS:		13.3%		21.2%		100.0%		21.6%
VOL:								
VOLUNITS:		LITERS		LITERS		LITERS		LITERS
NAPHTHALENE		21.02		12.56		0.97 J		61.51
C1-NAPHTHALENES		23.76 J		9.64		0.95 J		135.63
C2-NAPHTHALENES		42.97		13.39		0.00 ND		0.00
C3-NAPHTHALENES		79.27		0.00 ND		0.00 ND		0.00
C4-NAPHTHALENES		180.22		0.00 ND		0.00 ND		0.00
BIPHENYL		6.28 J		2.21 J		0.43 J		46.14
ACENAPHTHYLENE		7.06 J		0.2 J		0.02 J		43.59
ACENAPHTHENE		9.55 J		0.79 J		0.15 J		44.52
FLUORENE		8.45 J		0.5 J		0.11 J		43.3
C1-FLUORENES		37.06		5.67 J		0.00 ND		0.00
C2-FLUORENES		157.95		17.77		0.00 ND		0.00
C3-FLUORENES		273.55		19.24		0.00 ND		0.00
PHENANTHRENE		32.7		3.65 J		0.19 J		45.4
ANTHRACENE		13.63 J		0.89 J		0.06 J		34.57
C1-PHEN_ANTHR		76.26		7.86 J		0.00 ND		0.00

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-14		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	ANTARC NIST M801		Station 12		PROC BLANK		Station 12	
LABSAMNO:	Q4882		Q4883		Q4884		Q4885	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-PHEN_ANTHR	239.64		6.84	J	0.00	ND	0.00	
C3-PHEN_ANTHR	393.59		0.00	ND	0.00	ND	0.00	
C4-PHEN_ANTHR	165.99		0.00	ND	0.00	ND	0.00	
DIBENZOTHIO	5.06	J	1.21	J	0.1	J	38.01	
C1-DIBEN	34.76		0.00	ND	0.00	ND	0.00	
C2-DIBEN	151.48		0.00	ND	0.00	ND	0.00	
C3-DIBEN	171.21		0.00	ND	0.00	ND	0.00	
FLUORANTHENE	211.31		0.63	J	0.04	J	45.11	
PYRENE	209.34		0.96	J	0.07	J	43.47	
C1-FLUORAN_PYR	136.42		5.96	J	0.00	ND	0.00	
BENaANTHRACENE	36.34		0.44	J	0.05	J	53.24	
CHRYSENE	112.02		0.83	J	0.03	J	52.55	
C1-CHRYSENES	78.50		0.00	ND	0.00	ND	0.00	
C2-CHRYSENES	46.15		0.00	ND	0.00	ND	0.00	
C3-CHRYSENES	6.20	J	0.00	ND	0.00	ND	0.00	
C4-CHRYSENES	13.13	J	0.00	ND	0.00	ND	0.00	
BENbFLUORAN	33.16		0.2	J	0.04	J	47.09	
BENkFLUORAN	35.21		0.21	J	0.04	J	50.02	
BENePYRENE	71.48		0.27	J	0.02	J	50.96	
BENaPYRENE	14.95		0.26	J	0.03	J	46.46	
PERYLENE	8.28	J	0.55	J	0.18	J	54.38	
I123cdPYRENE	10.21	J	0.09	J	0.02	J	47.46	
DBahANTHRA	2.47	J	0.23	J	0.02	J	49.36	
BghiPERYLENE	18.69		0.38	J	0.03		50.18	
Total PAH's: (w/o Perylene)	3167.0		112.9		3.4		1028.6	
2-METHYLNAPH	12.88	J	6.46		0.39	J	79.32	
1-METHYLNAPH	10.88	J	3.18	J	0.56	J	56.31	
2,6-DIMETHNAPH	11.13	J	5.68		0.12	J	47.44	
2,3,5-TRIMETHNAPH	16.88		0.89	J	0.08	J	48.49	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	Transect D-14		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	ANTARC NIST	M801	Station 12		PROC BLANK		Station 12	
LABSAMNO:	Q4882		Q4883		Q4884		Q4885	
UNIT:		ng/g		ng/g		ng/g		ng/g
PNA Analyte		Conc DB QUAL		Conc DB QUAL		Conc DB QUAL		Conc DB QUAL
1-METHYLPHEN		16.02		2.78 J		0.06 J		42.67
Surrogate Recoveries								
NAPHD8:		71.9		68.2		62.4		67.8
ACEND10:		76.9		67.9		63.7		73.4
PHEND10:		75.7		69.4		62.6		73.3
CHRYD12:		61.2		55.4		50.3		54.3
PERYD12:		62.4		64.7		9.0		64.7

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		Transect D-19		Transect D-14		LAB QA SAMPLE	
ID:	GERG CHK		42' Palmer Sta		ANTARC NIST M802		Transect D-19	
LABSAMNO:	W8220		J1886		Q4886		Q4887	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	REF OIL		SAMP		SRM		DUP OF J1886	
COLLECTION DATE:								
RECEIPT DATE:								
QCBATCH:	M801		M802		M802		M802	
EXTRACTION DATE:			03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/06/93		04/22/93		04/21/93		04/21/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:			05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:			10.116		5		9.981	
DRYWT:	1		2.5		0.69		2.53	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:			24.7%		13.8%		25.3%	
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	607.3		11.64		17.05		12.77	
C1-NAPHTHALENES	1888.7		12.97		18.92	J	13.20	
C2-NAPHTHALENES	1644.6		10.84		26.25	J	11.13	
C3-NAPHTHALENES	1296.2		15.10		64.86		14.76	
C4-NAPHTHALENES	761.2		7.30	J	166.40		6.14	
BIPHENYL	164.5		3.13	J	6.32	J	3.13	J
ACENAPHTHYLENE	1.2		0.16	J	3.58	J	0.12	J
ACENAPHTHENE	14.4		0.38	J	6.3	J	0.66	J
FLUORENE	72.8		0.46	J	6.79	J	0.48	J
C1-FLUORENES	199.0		7.32	J	37.60		3.47	J
C2-FLUORENES	276.2		0.00	ND	157.11		12.11	
C3-FLUORENES	269.9		0.00	ND	282.09		0.00	ND
PHENANTHRENE	202.2		5.48		31.97		6.2	
ANTHRACENE	3.8		0.74	J	10.44	J	1.15	J
C1-PHEN_ANTHR	441.8		6.98	J	97.39		7.34	J

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		Transect D-19		Transect D-14		LAB QA SAMPLE	
ID:	GERG CHK		42' Palmer Sta		ANTARC NIST M802		Transect D-19	
LABSAMNO:	W8220		J1886		Q4886		Q4887	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-PHEN_ANTHR	487.8		5.06	J	230.07		4.89	J
C3-PHEN_ANTHR	451.8		0.00	ND	279.40		0.00	ND
C4-PHEN_ANTHR	222.4		0.00	ND	128.75		0.00	ND
DIBENZOTHIO	149.3		0.44	J	4.05	J	0.34	J
C1-DIBEN	297.6		1.15	J	27.82	J	0.00	ND
C2-DIBEN	424.8		0.00	ND	126.46		0.00	ND
C3-DIBEN	356.7		0.00	ND	133.05		0.00	ND
FLUORANTHENE	3.7		0.82	J	198.58		0.86	J
PYRENE	12.0		1.2	J	220.89		1.57	J
C1-FLUORAN_PYR	68.6		0.00	ND	106.07		0.00	ND
BENaANTHRACENE	5.3		0.31	J	40.42		0.75	J
CHRYSENE	42.3		1.55	J	103.73		1.29	J
C1-CHRYSENES	91.0		0.00	ND	65.61		0.00	ND
C2-CHRYSENES	113.7		0.00	ND	30.90		0.00	ND
C3-CHRYSENES	22.0		0.00	ND	3.17	J	0.00	ND
C4-CHRYSENES	18.9		0.00	ND	3.67	J	0.00	ND
BENbFLUORAN	2.5		0.45	J	36.57		0.48	J
BENkFLUORAN	2.6		0.44	J	36.42		0.48	J
BENePYRENE	10.1		0.32	J	71.07		0.37	J
BENaPYRENE	1.9		0.15	J	11.35	J	0.15	J
PERYLENE	1.3		0.75	J	8.79	J	0.99	J
I123cdPYRENE	1.6		0.43	J	10.29	J	0.42	J
DBahANTHRA	1.1		0.15	J	2.6	J	0.14	J
BghiPERYLENE	3.4		0.33	J	17.27		0.47	J
Total PAH's: (w/o Perylene)	10635		95.3		2821.3		104.9	
2-METHYLNAPH	1041.6		8.07		10.31	J	8.05	
1-METHYLNAPH	847.2		4.9	J	8.61	J	5.15	
2,6-DIMETHNAPH	639.9		4.93	J	9.56	J	4.8	
2,3,5-TRIMETHNAPH	333.5		2.91	J	17.59		2.5	J

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		Transect D-19		Transect D-14		LAB QA SAMPLE	
ID:	GERG CHK		42' Palmer Sta		ANTARC NIST M802		Transect D-19	
LABSAMNO:	W8220		J1886		Q4886		Q4887	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
1-METHYLPHEN	140.7		0.51	J	15.08		0.83	J
Surrogate Recoveries								
NAPHD8:	88.6		71.4		75.5		54.2	
ACEND10:	91.4		66.3		67.0		49.4	
PHEND10:	92.2		68.7		73.7		48.6	
CHRYD12:	77.5		68.4		62.8		44.0	
PERYD12:	97.7		59.6		41.2		37.5	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		Transect D-17		Transect D-13	
ID:	PROC BLANK		Transect D-19		GERG CHK		60-62'		NIST	
LABSAMNO:	Q4888		Q4889		W8310		J1896		Q4890	
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
SAMPLE TYPE:	BLK		MS OF J1886		REF OIL		SAMP		SRM	
COLLECTION DATE:										
RECEIPT DATE:										
QCBATCH:	M802		M802		M802		M803		M803	
EXTRACTION DATE:	03/04/93		03/04/93				03/05/93		03/05/93	
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/21/93		04/21/93		04/07/93		04/07/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93				05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:			10.006				9.939		5.069	
DRYWT:	10		2.46		1		2.66		0.67	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:			24.6%				26.8%		13.2%	
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	0.93	J	52.63		616.6		10.33		24.35	
C1-NAPHTHALENES	0.58	J	116.59		1907.0		10.96		27.39	J
C2-NAPHTHALENES	0.00	ND	0.00		1724.6		7.16	J	41.22	
C3-NAPHTHALENES	0.00	ND	0.00		1560.5		10.59		73.82	
C4-NAPHTHALENES	0.00	ND	0.00		814.9		0.00	ND	136.25	
BIPHENYL	0.28	J	42.02		161.3		7.76		20.76	
ACENAPHTHYLENE	0.03	J	40.67		1.1		0.29	J	7.44	J
ACENAPHTHENE	0.04	J	38.85		14.8		1.26	J	8.19	J
FLUORENE	0.08	J	40.68		76.6		1.48	J	6.69	J
C1-FLUORENES	0.00	ND	0.00		157.8		4.11	J	54.58	
C2-FLUORENES	0.00	ND	0.00		290.1		6.91	J	164.84	
C3-FLUORENES	0.00	ND	0.00		303.2		0.00	J	233.44	
PHENANTHRENE	0.47	J	41.62		198.9		1.83	J	34.95	
ANTHRACENE	0.02	J	24.36		5.8		1.96	J	13.72	J
C1-PHEN_ANTHR	0.00	ND	0.00		419.4		5.27	J	84.36	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		Transect D-17		Transect D-13	
ID:	PROC BLANK		Transect D-19		GERG CHK		60-62'		NIST	
LABSAMNO:	Q4888		Q4889		W8310		J1896		Q4890	
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
C2-PHEN_ANTHR	0.00	ND	0.00		466.8		0.00	ND	249.42	
C3-PHEN_ANTHR	0.00	ND	0.00		371.9		0.00	ND	388.72	
C4-PHEN_ANTHR	0.00	ND	0.00		179.9		0.00	ND	156.27	
DIBENZOTHIO	0.03	J	30.31		151.0		0.53	J	5.70	J
C1-DIBEN	0.00	ND	0.00		259.1		0.00	ND	32.34	
C2-DIBEN	0.00	ND	0.00		359.9		0.00	ND	153.31	
C3-DIBEN	0.00	ND	0.00		298.4		0.00	ND	165.31	
FLUORANTHENE	0.13	J	36.29		3.3		0.57	J	220.15	
PYRENE	0.32	J	40.27		14.3		0.90	J	213.47	
C1-FLUORAN_PYR	0.00	ND	0.00		58.1		0.00	ND	129.45	
BENaANTHRACENE	0.04	J	41.9		5.5		0.52	J	30.07	
CHRYSENE	0.09	J	43.17		45.9		0.93	J	124.92	
C1-CHRYSENES	0.00	ND	0.00		70.8		0.00	ND	69.26	
C2-CHRYSENES	0.00	ND	0.00		85.1		0.00	ND	40.34	
C3-CHRYSENES	0.00	ND	0.00		11.4		0.00	ND	6.85	J
C4-CHRYSENES	0.00	ND	0.00		5.6		0.00	ND	13.51	J
BENbFLUORAN	0.01	J	43.27		3.2		0.33	J	36.52	
BENkFLUORAN	0.01	J	43.09		3.2		0.35	J	38.78	
BENePYRENE	0.03	J	42.12		11.0		0.41	J	74.19	
BENaPYRENE	0.08	J	34.1		2.2		0.51	J	13.06	J
PERYLENE	0.13	J	43.94		3.4		3.62	J	14.81	J
I123cdPYRENE	0.03	J	40.56		0.7		0.22	J	11.06	J
DBahANTHRA	0.06	J	41.09		1.8		0.27	J	2.99	J
BghiPERYLENE	0.11	J	39.91		4.5		0.41	J	17.92	
Total PAH's: (w/o Perylene)	3.4		873.5		10666		75.9		3125.6	
2-METHYLNAPH	0.28	J	68.54		1055.7		7.27		17.57	
1-METHYLNAPH	0.3	J	48.05		851.2		3.69	J	9.82	J
2,6-DIMETHNAPH	0.14	J	44.8		651.9		3.50	J	14.71	J
2,3,5-TRIMETHNAPH	0.09	J	46.12		357.0		1.22	J	16.72	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE	LAB QA SAMPLE	LAB QA SAMPLE	Transect D-17	Transect D-13
ID:	PROC BLANK	Transect D-19	GERG CHK	60-62'	NIST
LABSAMNO:	Q4888	Q4889	W8310	J1896	Q4890
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
1-METHYLPHEN	0.05 J	36.99	151.3	1.55 J	15.26
Surrogate Recoveries					
NAPHD8:	57.8	79.2	95.4	65.3	70.9
ACEND10:	50.3	68.8	86.9	65.8	70.8
PHEND10:	51.7	73.0	92.4	63.2	73.9
CHRYD12:	36.0	61.5	80.2	47.0	58.1
PERYD12:	25.6	54.1	112.2	47.0	54.3

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Transect D-17		PROC BLANK		Transect D-17		GERG CHK	
LABSAMNO:	Q4891		Q4892		Q4893		W8228	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	DUP OF J1896		BLK		MS OF J1896		REF OIL	
COLLECTION DATE:								
RECEIPT DATE:								
QCBATCH:	M803		M803		M803		M803	
EXTRACTION DATE:	03/05/93		03/05/93		03/05/93			
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/07/93		04/07/93		04/07/93		04/07/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93			
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	10.443				10.492			
DRYWT:	2.38		10		2.39		1	
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	22.8%				22.8%			
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	12.72		0.84	J	52.33		632.3	
C1-NAPHTHALENES	11.38		0.76	J	114.18		1943.8	
C2-NAPHTHALENES	9.18		0.00	ND	0.00		1668.9	
C3-NAPHTHALENES	13.23		0.00	ND	0.00		1281.7	
C4-NAPHTHALENES	0.00		0.00	ND	0.00		751.3	
BIPHENYL	3.96		0.65	J	42.55		169.2	
ACENAPHTHYLENE	0.31		0.02	J	36.47		0.4	
ACENAPHTHENE	0.95		0.16	J	39.62		16.4	
FLUORENE	2.22		0.13	J	38.55		78.3	
C1-FLUORENES	7.34		0.00	ND	0.00		196.4	
C2-FLUORENES	12.39		0.00	ND	0.00		281.4	
C3-FLUORENES	0.00		0.00	ND	0.00		253.7	
PHENANTHRENE	2.11		0.38	J	36.60		201.4	
ANTHRACENE	1.23		0.07	J	17.71		4.1	
C1-PHEN_ANTHR	6.27		0.00	ND	0.00		456.2	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Transect D-17		PROC BLANK		Transect D-17		GERG CHK	
LABSAMNO:	Q4891		Q4892		Q4893		W8228	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-PHEN_ANTHR	7.34		0.00	ND	0.00		525.7	
C3-PHEN_ANTHR	12.01		0.00	ND	0.00		444.1	
C4-PHEN_ANTHR	9.20		0.00	ND	0.00		201.7	
DIBENZOTHIO	0.79		0.04	J	30.87		149.6	
C1-DIBEN	0.00		0.00	ND	0.00		309.9	
C2-DIBEN	4.22		0.00	ND	0.00		441.7	
C3-DIBEN	4.73		0.00	ND	0.00		358.7	
FLUORANTHENE	3.27		0.31	J	38.58		3.8	
PYRENE	2.76		0.44	J	37.06		12.6	
C1-FLUORAN_PYR	5.07		0.00	ND	0.00		66.5	
BENaANTHRACENE	0.82		0.04	J	39.68		6.0	
CHRYSENE	1.98		0.38	J	42.26		44.6	
C1-CHRYSENES	0.00		0.00	ND	0.00		86.1	
C2-CHRYSENES	0.00		0.00	ND	0.00		103.5	
C3-CHRYSENES	0.00		0.00	ND	0.00		19.6	
C4-CHRYSENES	0.00		0.00	ND	0.00		17.4	
BENbFLUORAN	0.64		0.07	J	37.22		2.7	
BENkFLUORAN	0.68		0.08	J	39.52		2.9	
BENePYRENE	0.92		0.10	J	41.04		10.0	
BENaPYRENE	0.54		0.05	J	30.27		1.3	
PERYLENE	1.59		0.22	J	47.50		1.9	
I123cdPYRENE	0.41		0.05	J	34.83		0.8	
DBahANTHRA	0.34		0.04	J	36.51		1.5	
BghiPERYLENE	0.55		0.08	J	37.76		3.3	
Total PAH's: (w/o Perylene)	139.6		4.7		823.6		10749	
2-METHYLNAPH	7.32		0.45	J	64.93		1080.9	
1-METHYLNAPH	4.06	J	0.31	J	49.25		862.9	
2,6-DIMETHNAPH	3.74	J	0.25	J	43.43		682.2	
2,3,5-TRIMETHNAPH	0.94	J	0.22	J	42.97		336.6	

Antarctic Limpet Samples-Polar Programs- Aromatic Hydrocarbon Data

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Transect D-17		PROC BLANK		Transect D-17		GERG CHK	
LABSAMNO:	Q4891		Q4892		Q4893		W8228	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
1-METHYLPHEN	0.57	J	0.04	J	32.65		130.2	
Surrogate Recoveries								
NAPHD8:	63.7		72.0		65.0		89.9	
ACEND10:	64.6		72.0		66.1		88.6	
PHEND10:	61.6		71.0		70.0		88.5	
CHRYD12:	52.2		53.5		52.0		74.3	
PERYD12:	47.2		56.1		44.3		96.1	

Limpet Pesticides and PCBs

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 4		Station 3		Station 12	
ID:	Humble Island		Humble Island		Janus Island	
LABSAMNO:	J1292		J1825		J1289	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1989		1991		1989	
RECEIPT DATE:						
QCBATCH:	M801		M801		M801	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/06/93		04/06/93		04/06/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	10.274		8.613		7.945	
DRYWT:	2.9		1.78		2.06	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	28.2%		20.7%		25.9%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00	ND
TOTAL CHLORDANES	0.00	ND	0.45	J	0.00	ND
TOTAL DDT'S	5.69		3.78		0.00	ND
TOTAL PCB'S	26.5		9.8		0.0	ND
ALPHA-BHC	0.00	ND	0.00	ND	0.00	Q
HCB	0.42	J	0.57	J	0.00	Q
BETA-BHC	0.00	ND	0.00	ND	0.00	Q
GAMMA-BHC	0.00	ND	0.00	ND	0.00	Q
DELTA-BHC	0.00	ND	0.00	ND	0.00	Q
HEPTACHLOR	0.00	ND	0.00	ND	0.00	Q
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	Q
OXYCHLORDANE	0.00	ND	0.00	ND	0.00	Q
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	Q
ALPHA-CHLORDANE	0.00	ND	0.45	J	0.00	Q
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.00	Q
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	Q
ALDRIN	0.00	ND	0.00	ND	0.00	Q
DIELDRIN	0.00	ND	0.00	ND	0.00	Q
ENDRIN	0.00	ND	1.38		0.00	Q
MIREX	0.00	ND	0.00	ND	0.00	Q
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	Q
4,4'DDE (P,P'DDE)	0.89	J	0.55	J	0.00	Q
2,4'DDD (O,P'DDD)	0.38	J	0.00	ND	0.00	Q
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	0.00	Q
2,4'DDT (O,P'DDT)	4.42		1.66		0.00	Q
4,4'DDT (P,P'DDT)	0.00	ND	1.57		0.00	Q
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 4		Station 3		Station 12	
ID:	Humble Island		Humble Island		Janus Island	
LABSAMNO:	J1292		J1825		J1289	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.00	M	0.00	ND	0.00	Q
18 (CL3)	0.00	ND	0.00	ND	0.00	Q
28 (CL3)	1.48		0.00	ND	0.00	Q
44 (CL4)	2.59		1.73		0.00	Q
52 (CL4)	0.00	ND	0.00	ND	0.00	Q
66 (CL4)	9.73	M	0.47	J	0.00	Q
101 (CL5)	0.00	ND	0.31	J	0.00	Q
105 (CL5)	0.95	J	0.00	ND	0.00	Q
110/77 (CL5/4)	0.80	J	0.00	ND	0.00	Q
118/108/149(CL5/5/6)	0.57	J	0.00	ND	0.00	Q
128 (CL6)	0.00	ND	0.00	ND	0.00	Q
138 (CL6)	0.86	J	1.16		0.00	Q
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	0.00	Q
170 (CL7)	0.00	ND	0.00	ND	0.00	Q
180 (CL7)	1.03	J	0.65	J	0.00	Q
187/182/159(CL7/7/6)	0.99	J	0.00	ND	0.00	Q
195 (CL8)	0.00	ND	0.00	ND	0.00	Q
206 (CL9)	0.00	ND	0.00	ND	0.00	Q
209 (CL10)	0.00	ND	0.00	ND	0.00	Q
Surrogate Recoveries						
DBOFB%:	63.7		69.1		0.2	Q
PCB#103%:	63.8		73.1		0.6	Q
PCB#198%:	78.9		82.7		0.4	Q
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	Q
15 (CL2)	0.00	ND	0.00	ND	0.00	Q
24 (CL3)	0.00	ND	0.00	ND	0.00	Q
16/32 (CL3)	0.52	J	0.00	ND	0.00	Q
29 (CL3)	0.00	ND	0.00	ND	0.00	Q
26 (CL3)	1.14	J	0.00	ND	0.00	Q
25 (CL3)	0.64	J	0.00	ND	0.00	Q
50 (CL4)	1.38	J	0.00	ND	0.00	Q
31 (CL3)	0.00	ND	0.00	ND	0.00	Q
33 (CL3)	0.00	ND	0.00	ND	0.00	Q
22 (CL3)	0.00	ND	0.00	ND	0.00	Q
45 (CL4)	0.00	ND	0.00	ND	0.00	Q
46 (CL4)	0.00	ND	0.00	ND	0.00	Q
49 (CL4)	0.00	ND	0.09	J	0.00	Q

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 4		Station 3		Station 12	
ID:	Humble Island		Humble Island		Janus Island	
LABSAMNO:	J1292		J1825		J1289	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	Q
37/42 (CL4)	0.00	ND	0.00	ND	0.00	Q
41/64 (CL4)	0.68	J	3.39		0.00	Q
40 (CL4)	0.00	ND	0.00	ND	0.00	Q
100 (CL5)	0.00	ND	0.00	ND	0.00	Q
74 (CL4)	3.02		0.00	ND	0.00	Q
PCB #(CHLORINATION)						
70 (CL4)	1.87		0.00	ND	0.00	Q
88 (CL5)	0.00	ND	0.22	J	0.00	Q
60/56 (CL5)	0.00	ND	0.00	ND	0.00	Q
92? (CL5)	0.00	ND	0.00	ND	0.00	Q
84? (CL5)	0.00	ND	0.00	ND	0.00	Q
99 (CL5)	0.00	ND	0.00	ND	0.00	Q
83 (CL5)	0.00	ND	0.00	ND	0.00	Q
97 (CL5)	0.00	ND	0.00	ND	0.00	Q
87 (CL5)	0.00	ND	0.00	ND	0.00	Q
85 (CL5)	0.00	ND	0.00	ND	0.00	Q
136 (CL6)	0.00	ND	0.00	ND	0.00	Q
82 (CL5)	0.00	ND	0.00	ND	0.00	Q
151 (CL6)	0.50	J	0.00	ND	0.00	Q
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	Q
149 (CL6)	0.94	J	0.00	ND	0.00	Q
188 (CL7)	0.00	ND	0.00	ND	0.00	Q
146 (CL6)	0.00	ND	0.00	ND	0.00	Q
141 (CL6)	1.88		0.21	J	0.00	Q
137 (CL6)	1.35	J	0.00	ND	0.00	Q
UNK (CL6)	0.00	ND	0.00	ND	0.00	Q
158 (CL7)	0.83	J	0.00	ND	0.00	Q
129 (CL6)	0.00	ND	0.00	ND	0.00	Q
178 (CL7)	0.00	ND	0.00	ND	0.00	Q
183 (CL7)	0.00	ND	0.00	ND	0.00	Q
167 (CL6)	0.00	ND	0.00	ND	0.00	Q
185 (CL7)	0.65	J	0.00	ND	0.00	Q
174 (CL7)	0.51	J	0.00	ND	0.00	Q
177 (CL7)	0.00	ND	0.00	ND	0.00	Q
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	Q
200 (CL8)	0.00	ND	0.00	ND	0.00	Q
172 (CL7)	0.00	ND	0.00	ND	0.00	Q
191 (CL7)	0.00	ND	0.00	ND	0.00	Q
201 (CL8)	1.06	J	2.17		0.00	Q
196 (CL8)	0.00	ND	0.00	ND	0.00	Q
189 (CL7)	2.28		0.00	ND	0.00	Q
194 (CL8)	0.00	ND	0.00	ND	0.00	Q
205 (CL9)	0.00	ND	0.00	ND	0.00	Q

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 12		Station 13		Station 13	
ID:	Janus Island		Christine Is		Christine Is	
LABSAMNO:	J1840		J1312		J1842	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1989		1991	
RECEIPT DATE:						
QCBATCH:	M801		M861		M801	
EXTRACTION DATE:	03/04/93		06/25/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/06/93		07/25/93		04/06/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		08/02/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	9.764		4.24		10.991	
DRYWT:	2.18		1.140136		2.46	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	22.3%		26.9%		22.4%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	2.14		0.00	ND	0.00	ND
TOTAL CHLORDANES	0.00	ND	0.38	J	2.63	J
TOTAL DDT'S	1.81		6.51		6.84	
TOTAL PCB'S	11.3		10.4		17.4	
ALPHA-BHC	0.57	J	0.00	ND	0.00	ND
HCB	0.24	J	0.56	J	0.71	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	1.58		0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.38	J	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.71	J
OXYCHLORDANE	0.00	ND	0.00	ND	0.77	J
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.72	J
CIS-NONACHLOR	0.00	ND	0.00	ND	0.42	J
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.95	J	0.00	ND	0.00	ND
ENDRIN	1.10		0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.00	ND	4.68		1.36	
2,4'DDD (O,P'DDD)	0.00	ND	1.84		0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	0.00	ND
2,4'DDT (O,P'DDT)	1.23		0.00	ND	2.70	
4,4'DDT (P,P'DDT)	0.57	J	0.00	ND	2.78	
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 12		Station 13		Station 13	
ID:	Janus Island		Christine Is		Christine Is	
LABSAMNO:	J1840		J1312		J1842	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.45	J	0.00	ND	0.80	J
18 (CL3)	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.82	J	0.00	ND	0.65	J
44 (CL4)	1.38		2.40		1.66	
52 (CL4)	0.00	ND	0.00	ND	0.10	J
66 (CL4)	0.76	J	0.00	ND	0.00	ND
101 (CL5)	0.33	J	0.00	ND	0.12	J
105 (CL5)	0.36	J	0.00	ND	0.34	J
110/77 (CL5/4)	0.00	ND	0.98		0.34	J
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
128 (CL6)	0.00	ND	0.00	ND	0.00	ND
138 (CL6)	1.47		1.94		2.32	
126 (CL5)		NA		NA		NA
153 (CL6)	0.79	J	0.00	ND	1.54	
170 (CL7)	0.00	ND	4.52	M	0.00	ND
180 (CL7)	0.44	J	0.00	ND	0.62	J
187/182/159(CL7/7/6)	0.00	ND	0.00	ND	0.00	ND
195 (CL8)	0.00	ND	0.00	ND	0.00	ND
206 (CL9)	0.00	ND	0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	64.7		58.0		61.2	
PCB#103%:	72.1		75.7		67.2	
PCB#198%:	79.3		92.7		77.3	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	2.97		0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.00	ND
24 (CL3)	0.00	ND	0.85		0.71	J
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.30	J
50 (CL4)	0.31	J	0.00	ND	0.26	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	0.00	ND	0.00	ND	0.46	J
49 (CL4)	0.30	J	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 12		Station 13		Station 13	
ID:	Janus Island		Christine Is		Christine Is	
LABSAMNO:	J1840		J1312		J1842	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	1.03		0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.37	J	0.00	ND	0.00	ND
88 (CL5)	0.00	ND	0.00	ND	0.20	J
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.00	ND	0.24	J	0.00	ND
99 (CL5)	0.00	ND	0.00	ND	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.08	J
97 (CL5)	0.00	ND	0.00	ND	0.00	ND
87 (CL5)	0.00	ND	0.00	ND	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.91	J
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.00	ND	0.00	ND	0.54	J
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.00	ND	0.86	J
137 (CL6)	0.00	ND	0.00	ND	0.81	J
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND
167 (CL6)	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.00	ND	0.00	ND
177 (CL7)	0.00	ND	0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.83	J	0.00	ND	0.66	J
200 (CL8)	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	1.06	J	0.00	ND	1.21	J
191 (CL7)	0.00	NDD	0.00	ND	0.00	ND
201 (CL8)	1.79		0.00	ND	1.68	
196 (CL8)	0.00	NDD	0.00	ND	0.00	ND
189 (CL7)	1.13		0.00	ND	2.38	
194 (CL8)	0.00	ND	0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 20		Station 20		Transect D-7	
ID:	Cormorant Is		Cormorant Is		Hermit Island	
LABSAMNO:	J1310		J1850		J1344	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1989		1991		1989	
RECEIPT DATE:						
QCBATCH:	M801		M801		M801	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/06/93		04/06/93		04/06/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	8.574		9.341		10.393	
DRYWT:	2.08		2.18		2.12	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	24.3%		23.3%		20.4%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.61	J
TOTAL CHLORDANES	0.99	J	0.36	J	0.00	ND
TOTAL DDT'S	6.01		4.25		0.00	ND
TOTAL PCB'S	19.9		16.1		8.7	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.64	J	0.30	J	0.64	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.61	J
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.57	J	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.00	ND
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.42	J	0.36	J	0.00	ND
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.53	J	0.00	ND
ENDRIN	0.00	ND	2.08		0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.81	J	0.22	J	0.00	ND
2,4'DDD (O,P'DDD)	0.41	J	0.09	J	0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	0.00	ND
2,4'DDT (O,P'DDT)	3.60		1.89		0.00	ND
4,4'DDT (P,P'DDT)	1.19		2.05		0.00	ND
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 20		Station 20		Transect D-7	
ID:	Cormorant Is		Cormorant Is		Hermit Island	
LABSAMNO:	J1310		J1850		J1344	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	2.12		0.27	J	1.62	
18 (CL3)	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	1.27		0.52	J	1.27	
44 (CL4)	2.47		1.40		0.92	J
52 (CL4)	0.00	ND	0.00	ND	0.00	ND
66 (CL4)	3.10		1.31		0.00	ND
101 (CL5)	1.12		0.64	J	0.00	ND
105 (CL5)	0.00	ND	0.00	ND	0.00	ND
110/77 (CL5/4)	0.55	J	0.00	ND	0.00	ND
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
128 (CL6)	0.00	ND	0.00	ND	0.00	ND
138 (CL6)	1.87		5.47		0.65	J
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	0.00	ND
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	1.24		0.69	J	0.00	ND
187/182/159(CL7/7/6)	0.00	ND	0.50	J	0.00	ND
195 (CL8)	0.00	ND	0.00	ND	0.00	ND
206 (CL9)	0.00	ND	0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	67.8		66.3		68.7	
PCB#103%:	70.4		72.0		70.0	
PCB#198%:	88.0		80.8		81.5	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.00	ND
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	1.39		0.00	ND	0.37	J
50 (CL4)	0.41	J	0.61	J	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	1.13		0.00	ND
22 (CL3)	0.00	ND	1.18		0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	0.00	ND	0.15	J	0.18	J
49 (CL4)	0.00	ND	0.36	J	0.12	J

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 20		Station 20		Transect D-7	
ID:	Cormorant Is		Cormorant Is		Hermit Island	
LABSAMNO:	J1310		J1850		J1344	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.25	J	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.00	ND	0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.96	J	0.00	ND	0.00	ND
88 (CL5)	0.00	ND	0.00	ND	0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	0.00	ND	0.00	ND	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.00	ND
97 (CL5)	0.00	ND	0.00	ND	0.00	ND
87 (CL5)	0.00	ND	0.00	ND	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.00	ND
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.00	ND	0.00	ND	0.00	ND
188 (CL7)	0.00	ND	0.00	ND	1.48	
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.57	J	0.00	ND
137 (CL6)	2.36		0.00	ND	0.00	ND
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND
167 (CL6)	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.00	ND	0.00	ND
177 (CL7)	0.00	ND	0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND
200 (CL8)	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	0.00	ND	0.00	ND	0.00	ND
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	1.38		2.06	
196 (CL8)	0.00	ND	0.00	ND	0.00	ND
189 (CL7)	2.25		0.90	J	0.00	ND
194 (CL8)	0.00	ND	0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-7		Transect D-11		Transect D-11	
ID:	Hermit Island		0' Palmer Sta		54' Palmer Sta	
LABSAMNO:	J1866		J1871		J1872	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991	
RECEIPT DATE:						
QCBATCH:	M802		M802		M802	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/21/93		04/21/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	10.135		10.005		10.358	
DRYWT:	1.78		2.15		2.81	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	17.6%		21.5%		27.1%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00	ND
TOTAL CHLORDANES	0.00	ND	0.00	ND	0.00	ND
TOTAL DDT'S	0.25	J	0.27	J	0.00	ND
TOTAL PCB'S	10.2		5.1	J	6.1	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.20	J	0.09	J	0.08	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	1.47	M
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.00	ND
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.00	ND
ENDRIN	1.22		0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.25	J	0.27	J	0.00	ND
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	0.00	ND
2,4'DDT (O,P'DDT)	0.00	ND	0.00	ND	0.00	ND
4,4'DDT (P,P'DDT)	0.00	ND	0.00	ND	0.00	ND
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-7		Transect D-11		Transect D-11	
ID:	Hermit Island		0' Palmer Sta		54' Palmer Sta	
LABSAMNO:	J1866		J1871		J1872	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	2.36		0.00	ND	1.78	M
18 (CL3)	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.14	J	0.20	J	0.00	ND
44 (CL4)	0.00	ND	0.00	ND	0.00	ND
52 (CL4)	0.00	ND	0.00	ND	0.00	ND
66 (CL4)	0.21	J	0.82	J	2.01	
101 (CL5)	0.00	ND	0.00	ND	0.00	ND
105 (CL5)	0.22	J	0.00	ND	0.00	ND
110/77 (CL5/4)	0.05	J	0.08	J	0.00	ND
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	0.18	J
128 (CL6)	0.00	ND	0.00	ND	0.00	ND
138 (CL6)	0.29	J	0.40	J	1.02	J
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	0.00	ND
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	0.00	ND	0.47	J	0.00	ND
187/182/159(CL7/7/6)	0.00	ND	0.44	J	0.43	J
195 (CL8)	0.00	ND	0.00	ND	0.00	ND
206 (CL9)	0.00	ND	0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	68.0		67.0		65.4	
PCB#103%:	71.4		70.2		71.9	
PCB#198%:	71.0		77.7		84.9	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.00	ND
24 (CL3)	0.99		0.62	J	0.00	ND
16/32 (CL3)	0.00	ND	0.14	J	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.67	J	0.34	J	0.00	ND
25 (CL3)	0.00	ND	0.28	J	0.00	ND
50 (CL4)	0.17	J	0.14	J	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	4.13		1.31		1.18	J
49 (CL4)	0.08	ND	0.07	J	0.05	J

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-7		Transect D-11		Transect D-11	
ID:	Hermit Island		0' Palmer Sta		54' Palmer Sta	
LABSAMNO:	J1866		J1871		J1872	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.00	ND	0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND	0.00	ND	0.00	ND
88 (CL5)	0.00	ND	0.00	ND	0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.38	J	0.16	J	0.00	ND
99 (CL5)	0.00	ND	0.00	ND	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.00	ND
97 (CL5)	0.07	J	0.00	ND	0.00	ND
87 (CL5)	0.07	J	0.00	ND	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.00	ND
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.34	J	0.00	ND	0.48	J
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.00	ND	1.19	J
137 (CL6)	0.00	ND	0.44	J	0.00	ND
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.06	J	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND
167 (CL6)	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.11	J	0.00	ND
177 (CL7)	0.00	ND	0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND
200 (CL8)	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	0.00	ND	0.00	ND	0.00	ND
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	0.00	ND	0.00	ND
196 (CL8)	0.00	ND	0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.00	ND	0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-12		Transect D-12		Transect D-13	
ID:	0' Palmer Sta		62' Palmer Sta		0' Palmer Sta	
LABSAMNO:	J1875		J1876		J1881	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991	
RECEIPT DATE:						
QCBATCH:	M802		M802		M802	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/21/93		04/22/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	4.194		10.086		10	
DRYWT:	0.91		2.01		2.06	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	21.7%		19.9%		20.6%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00	ND
TOTAL CHLORDANES	0.00	ND	0.00	ND	0.74	J
TOTAL DDT'S	0.66	J	0.72	J	3.07	
TOTAL PCB'S	4.6		4.0	J	52.0	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.11	J	0.49	J	0.18	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.21	J
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.20	J
CIS-NONACHLOR	0.00	ND	0.00	ND	0.33	J
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.00	ND
ENDRIN	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.27	J
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.66	J	0.00	ND	1.37	
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.27	J
4,4'DDD (P,P'DDD)	0.00	ND	0.72	J	0.83	J
2,4'DDT (O,P'DDT)	0.00	ND	0.00	ND	0.00	ND
4,4'DDT (P,P'DDT)	0.00	ND	0.00	ND	0.60	J
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-12		Transect D-12		Transect D-13	
ID:	0' Palmer Sta		62' Palmer Sta		0' Palmer Sta	
LABSAMNO:	J1875		J1876		J1881	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.69	J	0.00	ND	0.00	ND
18 (CL3)	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.00	ND	0.00	ND	0.00	ND
44 (CL4)	0.00	ND	0.00	ND	1.48	
52 (CL4)	0.00	ND	0.00	ND	0.40	J
66 (CL4)	0.00	ND	0.00	ND	0.47	J
101 (CL5)	0.00	ND	0.00	ND	3.37	
105 (CL5)	0.00	ND	0.00	ND	1.14	
110/77 (CL5/4)	0.00	ND	0.00	ND	3.27	
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	3.26	
128 (CL6)	0.00	ND	0.00	ND	0.63	J
138 (CL6)	0.74	J	0.69	J	5.14	
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	8.68	
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	1.25		0.37	J	7.37	
187/182/159(CL7/7/6)	0.88	J	0.40	J	6.17	
195 (CL8)	0.00	ND	0.14	J	0.68	J
206 (CL9)	0.00	ND	0.00	ND	0.79	J
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	62.8		65.7		68.6	
PCB#103%:	69.4		71.7		76.0	
PCB#198%:	68.8		83.4		97.8	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.00	ND
24 (CL3)	0.00	ND	0.40	J	0.47	J
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.40	J	0.65	J
50 (CL4)	0.46	J	0.21	J	0.30	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	1.04		0.97	J	0.65	J
49 (CL4)	0.00	ND	0.08	J	0.24	J

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-12		Transect D-12		Transect D-13	
ID:	0' Palmer Sta		62' Palmer Sta		0' Palmer Sta	
LABSAMNO:	J1875		J1876		J1881	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.10	J	0.58	J
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND	0.00	ND	0.70	J
88 (CL5)	0.00	ND	0.00	ND	0.14	J
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.98	J
84? (CL5)	0.00	ND	0.00	ND	0.67	J
99 (CL5)	0.00	ND	0.00	ND	0.72	J
83 (CL5)	0.00	ND	0.00	ND	0.31	J
97 (CL5)	0.00	ND	0.00	ND	0.64	J
87 (CL5)	0.00	ND	0.00	ND	1.40	
85 (CL5)	0.00	ND	0.00	ND	0.45	J
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	1.77	
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.00	ND	0.00	ND	2.95	
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.00	ND	2.32	
137 (CL6)	0.00	ND	0.00	ND	0.58	J
UNK (CL6)	0.00	ND	0.00	ND	0.22	J
158 (CL7)	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.10	J	0.00	ND
167 (CL6)	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.33	J	0.16	J	0.49	J
174 (CL7)	0.29	J	0.00	ND	3.58	
177 (CL7)	0.26	J	0.00	ND	1.97	
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.37	J
200 (CL8)	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	0.73		0.39	J	1.41	
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	0.00	ND	4.63	
196 (CL8)	0.00	ND	0.51	J	2.17	
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.00	ND	0.00	ND	1.45	
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-13		Transect D-14		Transect D-14	
ID:	31' Palmer Sta		0' Old Palmer		30' Old Palmer	
LABSAMNO:	J1880		J1887		J1883	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991	
RECEIPT DATE:						
QCBATCH:	M802		M803		M802	
EXTRACTION DATE:	03/04/93		03/05/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/07/93		04/22/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	10.629		3.744		10.041	
DRYWT:	2.18		0.7		1.92	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	20.5%		18.7%		19.1%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	3.46		0.00	ND
TOTAL CHLORDANES	0.00	ND	5.05		0.82	J
TOTAL DDT'S	0.76	J	2.47	J	2.12	
TOTAL PCB'S	7.0		37.1		5.9	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.25	J	0.69	J	0.17	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	1.73		0.00	ND
DELTA-BHC	0.00	ND	1.73		0.00	ND
HEPTACHLOR	0.00	ND	0.62		0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.72		0.29	J
OXYCHLORDANE	0.00	ND	0.00	ND	0.27	J
GAMMA-CHLORDANE	0.00	ND	1.22		0.00	ND
ALPHA-CHLORDANE	0.00	ND	1.14		0.00	ND
TRANS-NONACHLOR	0.00	ND	1.35		0.18	J
CIS-NONACHLOR	0.00	ND	0.00	ND	0.08	J
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	2.00		0.00	ND
ENDRIN	0.00	ND	2.06		1.50	
MIREX	0.00	ND	0.00	ND	0.21	J
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.36	J	1.10	J	0.00	ND
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.00	ND
4,4'DDD (P,P'DDD)	0.40	J	0.00	ND	0.81	J
2,4'DDT (O,P'DDT)	0.00	ND	1.36	J	0.00	ND
4,4'DDT (P,P'DDT)	0.00	ND	0.00	ND	1.31	
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-13		Transect D-14		Transect D-14	
ID:	31' Palmer Sta		0' Old Palmer		30' Old Palmer	
LABSAMNO:	J1880		J1887		J1883	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.00	ND	0.00	ND	0.00	ND
18 (CL3)	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.00	ND	0.73		0.00	ND
44 (CL4)	0.00	ND	2.65		0.55	J
52 (CL4)	0.00	ND	1.39		0.00	ND
66 (CL4)	0.00	ND	0.07	J	0.00	ND
101 (CL5)	0.00	ND	1.23		0.00	ND
105 (CL5)	0.00	ND	0.51		0.00	ND
110/77 (CL5/4)	0.00	ND	0.47		0.28	J
118/108/149(CL5/5/6)	0.61	J	2.59		0.84	J
128 (CL6)	0.06	J	3.74		0.00	ND
138 (CL6)	1.27		9.85		1.31	
126 (CL5)		NA		NA		NA
153 (CL6)	1.15		3.19		2.24	
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	1.07	J	4.53		0.82	J
187/182/159(CL7/7/6)	1.03	J	5.59		0.61	J
195 (CL8)	0.00	ND	2.02		0.00	ND
206 (CL9)	0.00	ND	2.70		0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	67.4		57.8		68.5	
PCB#103%:	73.0		50.6		73.8	
PCB#198%:	81.5		43.8		84.0	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.00	ND
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.52		0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.00	ND
50 (CL4)	0.23	J	1.79	M	0.29	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.05	J
45 (CL4)	0.00	ND	0.00	ND	0.07	J
46 (CL4)	0.48	J	0.00	ND	0.00	ND
49 (CL4)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-13		Transect D-14		Transect D-14	
ID:	31' Palmer Sta		0' Old Palmer		30' Old Palmer	
LABSAMNO:	J1880		J1887		J1883	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.14	J	0.00	ND	0.12	J
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND	0.15	J	0.00	ND
88 (CL5)	0.00	ND	0.33	J	0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	0.00	ND	0.00	ND	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.00	ND
97 (CL5)	0.00	ND	0.00	ND	0.00	ND
87 (CL5)	0.00	ND	1.12		0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.09	J
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.61	J	1.08		0.66	J
188 (CL7)	0.00	ND	6.28		0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.24	J	1.46		0.39	J
137 (CL6)	0.23	J	0.00	ND	0.21	J
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND
167 (CL6)	0.00	ND	2.91		0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.41	J	0.00	ND	0.31	J
177 (CL7)	0.27	J	0.00	ND	0.22	J
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND
200 (CL8)	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	0.35	J	0.00	ND	0.53	J
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	1.45		0.00	ND	0.00	ND
196 (CL8)	0.48	J	0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.16	J	0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-17		Transect D-17		Transect D-19	
ID:	0'		60-62'		0' Palmer Sta	
LABSAMNO:	J1893		J1896		J1882	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991	
RECEIPT DATE:						
QCBATCH:	M803		M803		M802	
EXTRACTION DATE:	03/05/93		03/05/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/07/93		04/07/93		04/22/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	4.006		9.939		10.184	
DRYWT:	0.88		2.66		2.1	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	22.0%		26.8%		20.6%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00	ND
TOTAL CHLORDANES	2.10	J	1.01	J	0.45	J
TOTAL DDT'S	0.81	J	0.76	J	6.24	
TOTAL PCB'S	18.1		10.0		9.3	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	1.10		0.15	J	0.26	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.79	J	0.47	J	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.33	J	0.23	J	0.00	ND
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.98	J	0.31	J	0.45	J
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	1.50		0.00	ND	0.00	ND
ENDRIN	0.87	J	0.00	ND	5.79	M
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.00	ND	0.45	J	0.00	ND
2,4'DDD (O,P'DDD)	0.81	J	0.31	J	0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	2.33	
2,4'DDT (O,P'DDT)	0.00	ND	0.00	ND	0.00	ND
4,4'DDT (P,P'DDT)	0.00	ND	0.00	ND	3.90	
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-17		Transect D-17		Transect D-19	
ID:	0'		60-62'		0' Palmer Sta	
LABSAMNO:	J1893		J1896		J1882	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.00	ND	0.00	ND	0.00	ND
18 (CL3)	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.64		0.00	ND	0.00	ND
44 (CL4)	3.77		0.74	J	1.03	J
52 (CL4)	0.53		0.00	ND	0.00	ND
66 (CL4)	0.00	ND	0.00	ND	0.00	ND
101 (CL5)	0.00	ND	0.00	ND	0.00	ND
105 (CL5)	0.32	J	0.00	ND	0.00	ND
110/77 (CL5/4)	0.00	ND	0.00	ND	0.24	J
118/108/149(CL5/5/6)	0.61		0.00	ND	0.00	ND
128 (CL6)	2.06		0.00	ND	0.00	ND
138 (CL6)	5.08		1.39		1.47	
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	0.00	ND
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	2.86		0.80	J	0.68	J
187/182/159(CL7/7/6)	5.76		1.27		1.61	
195 (CL8)	1.45		0.00	ND	0.00	ND
206 (CL9)	1.10		0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00		0.00	ND
Surrogate Recoveries						
DBOFB%:	61.0		55.0		63.4	
PCB#103%:	64.8		63.1		71.8	
PCB#198%:	84.1		70.3		85.1	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	NDD	0.00	ND	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.80	J
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.33	J	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.53		0.00	ND	0.00	ND
50 (CL4)	0.00	ND	0.00	ND	0.84	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.25	J
46 (CL4)	0.00	ND	0.25	J	0.00	ND
49 (CL4)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-17		Transect D-17		Transect D-19	
ID:	0'		60-62'		0' Palmer Sta	
LABSAMNO:	J1893		J1896		J1882	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.00	ND	0.83	J
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND	0.22	J	0.00	ND
88 (CL5)	0.00	ND	0.05	J	0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	0.00	ND	0.15	J	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.00	ND
97 (CL5)	0.00	ND	0.00	ND	0.00	ND
87 (CL5)	0.57	J	0.00	ND	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.24	J
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.00	ND
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.86		0.00	ND	0.00	ND
188 (CL7)	0.00	ND	4.61		0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.00	ND	0.00	ND
137 (CL6)	0.00	ND	0.88	J	1.87	
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.34	J	0.55	J
178 (CL7)	0.00	ND	0.47	J	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND
167 (CL6)	1.30		0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.00	ND	0.13	J
177 (CL7)	1.82		0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND
200 (CL8)	0.00	ND	0.59	J	0.00	ND
172 (CL7)	0.00	ND	0.00	ND	0.85	J
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	0.00	ND	0.00	ND
196 (CL8)	0.00	ND	0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.00	ND	0.00	ND	0.18	J
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-19		Transect D-7		Transect D-7	
ID:	42' Palmer Sta		Hermit Island		18' Hermit Island	
LABSAMNO:	J1886		J1866		J1865	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991	
RECEIPT DATE:						
QCBATCH:	M802		M802		M801	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/22/93		04/21/93		04/06/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	10.116		10.135		8.253	
DRYWT:	2.5		1.78		1.47	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	24.7%		17.6%		17.8%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00	ND
TOTAL CHLORDANES	0.24	J	0.00	ND	0.00	ND
TOTAL DDT'S	1.82	J	0.25	J	0.00	ND
TOTAL PCB'S	7.0	J	7.9		4.8	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.24	J	0.20	J	0.45	J
BETA-BHC	1.53	M	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.24	J	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.00	ND
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.00	ND
ENDRIN	0.00	ND	1.22		0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.42	J	0.25	J	0.00	ND
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.00	ND
4,4'DDD (P,P'DDD)	0.54	J	0.00	ND	0.00	ND
2,4'DDT (O,P'DDT)	0.00	ND	0.00	ND	0.00	ND
4,4'DDT (P,P'DDT)	0.86	J	0.00	ND	0.00	ND
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-19		Transect D-7		Transect D-7	
ID:	42' Palmer Sta		Hermit Island		18' Hermit Island	
LABSAMNO:	J1886		J1866		J1865	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.00	ND	2.36	M	0.00	ND
18 (CL3)	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.00	ND	0.14	J	1.01	
44 (CL4)	0.00	ND	0.00	ND	0.76	J
52 (CL4)	0.00	ND	0.00	ND	0.00	ND
66 (CL4)	0.00	ND	0.21	J	0.00	ND
101 (CL5)	0.00	ND	0.00	ND	0.00	ND
105 (CL5)	0.00	ND	0.22	J	0.00	ND
110/77 (CL5/4)	0.20	J	0.05	J	0.00	ND
118/108/149(CL5/5/6)	0.63	J	0.00	ND	0.00	ND
128 (CL6)	0.00	ND	0.00	ND	0.00	ND
138 (CL6)	0.80	J	0.29	J	0.00	M
126 (CL5)		NA		NA		NA
153 (CL6)	0.67	J	0.00	ND	0.00	ND
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	0.74	J	0.00	ND	0.77	
187/182/159(CL7/7/6)	0.56	J	0.00	ND	0.00	ND
195 (CL8)	0.08	J	0.00	ND	0.00	ND
206 (CL9)	0.00	ND	0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	64.0		68.0		63.9	
PCB#103%:	73.9		71.4		67.5	
PCB#198%:	87.0		71.0		70.5	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.00	ND
24 (CL3)	0.37	J	0.99		0.00	ND
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.67	J	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.00	ND
50 (CL4)	0.40	J	0.17	J	0.97	
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	0.61	J	4.13		0.00	ND
49 (CL4)	0.13	J	0.08	J	0.11	J

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-19		Transect D-7		Transect D-7	
ID:	42' Palmer Sta		Hermit Island		18' Hermit Island	
LABSAMNO:	J1886		J1866		J1865	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.00	ND	0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND	0.00	ND	0.00	ND
88 (CL5)	0.00	ND	0.00	ND	0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.00	ND	0.38	J	0.00	ND
99 (CL5)	0.00	ND	0.00	ND	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.00	ND
97 (CL5)	0.00	ND	0.07	J	0.00	ND
87 (CL5)	0.00	ND	0.07	J	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.00	ND
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.66	J	0.34	J	0.00	ND
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.00	ND	0.00	ND
137 (CL6)	0.61	J	0.00	ND	0.00	ND
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.22	J	0.06	J	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND
167 (CL6)	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.32	J	0.00	ND	0.00	ND
177 (CL7)	0.00	ND	0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND
200 (CL8)	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	0.56	J	0.00	ND	0.00	ND
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.88	J	0.00	ND	1.91	
196 (CL8)	0.39	J	0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.23	J	0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 12		Transect D-14		LAB QA SAMPLE	
ID:	Janus Island		ANTARC NIST M801		Station 12	
LABSAMNO:	J1840		Q4882		Q4883	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SRM		DUP OF J1840	
COLLECTION DATE:	1991					
RECEIPT DATE:						
QCBATCH:	M801		M801		M801	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/06/93		04/06/93		04/06/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	9.764		5.049		9.614	
DRYWT:	2.18		0.67		2.04	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	22.3%		13.3%		21.2%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	2.14		10.78		3.02	
TOTAL CHLORDANES	0.00	ND	78.74		0.00	ND
TOTAL DDT'S	1.81		123.18		1.01	
TOTAL PCB'S	11.3		2190.7		12.5	
ALPHA-BHC	0.57	J	3.79		0.92	
HCB	0.24	J	0.09	J	0.32	
BETA-BHC	0.00	ND	2.43		0.00	J
GAMMA-BHC	1.58		0.00	ND	2.10	
DELTA-BHC	0.00	ND	4.56		0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	9.90		0.00	ND
GAMMA-CHLORDANE	0.00	ND	17.16		0.00	ND
ALPHA-CHLORDANE	0.00	ND	21.01		0.00	ND
TRANS-NONACHLOR	0.00	ND	18.94		0.00	ND
CIS-NONACHLOR	0.00	ND	11.73		0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.95	J	11.43		0.00	ND
ENDRIN	1.10		0.00	ND	1.55	
MIREX	0.00	ND	0.46		0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	3.64		0.00	ND
4,4'DDE (P,P'DDE)	0.00	ND	46.98		0.00	ND
2,4'DDD (O,P'DDD)	0.00	ND	7.55		0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	50.53		0.00	ND
2,4'DDT (O,P'DDT)	1.23		7.86		1.01	
4,4'DDT (P,P'DDT)	0.57	J	6.63		0.00	ND
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 12		Transect D-14		LAB QA SAMPLE	
ID:	Janus Island		ANTARC NIST M801		Station 12	
LABSAMNO:	J1840		Q4882		Q4883	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.45	J	7.84		0.79	J
18 (CL3)	0.00	ND	15.46		0.00	ND
28 (CL3)	0.82	J	84.51		1.37	
44 (CL4)	1.38		76.63		1.36	
52 (CL4)	0.00	ND	92.31		0.51	J
66 (CL4)	0.76	J	114.94		0.00	ND
101 (CL5)	0.33	J	109.85		0.82	J
105 (CL5)	0.36	J	41.90		0.16	J
110/77 (CL5/4)	0.00	ND	125.29		0.00	ND
118/108/149(CL5/5/6)	0.00	ND	112.35		0.00	ND
128 (CL6)	0.00	ND	15.80		0.00	ND
138 (CL6)	1.47		117.34		1.05	
126 (CL5)		NA				NA
153 (CL6)	0.79	J	138.89		0.00	ND
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	0.44	J	16.58		0.33	J
187/182/159(CL7/7/6)	0.00	ND	30.87	ND	0.00	ND
195 (CL8)	0.00	ND	0.00	J	0.00	ND
206 (CL9)	0.00	ND	0.78		0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	64.7		66.3		63.8	
PCB#103%:	72.1		69.4		69.9	
PCB#198%:	79.3		77.5		76.0	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	41.16		0.00	ND
24 (CL3)	0.00	ND	9.02		0.00	ND
16/32 (CL3)	0.00	ND	22.76		0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	13.99		0.00	ND
25 (CL3)	0.00	ND	14.62		0.00	ND
50 (CL4)	0.31	J	29.70		0.63	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	9.15		1.98	
22 (CL3)	0.00	ND	13.57		0.00	ND
45 (CL4)	0.00	ND	10.45		0.00	ND
46 (CL4)	0.00	ND	3.82		0.18	J
49 (CL4)	0.30	J	101.62		0.36	J

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Station 12		Transect D-14		LAB QA SAMPLE	
ID:	Janus Island		ANTARC NIST M801		Station 12	
LABSAMNO:	J1840		Q4882		Q4883	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	85.82		0.00	ND
37/42 (CL4)	0.00	ND	49.16		0.00	ND
41/64 (CL4)	0.00	ND	67.32		0.00	ND
40 (CL4)	0.00	ND	12.44		0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	71.86		0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.37	J	112.95		0.60	J
88 (CL5)	0.00	ND	22.81		0.00	ND
60/56 (CL5)	0.00	ND	70.91		0.00	ND
92? (CL5)	0.00	ND	30.87		0.00	ND
84? (CL5)	0.00	ND	32.77		0.00	ND
99 (CL5)	0.00	ND	68.84		0.00	ND
83 (CL5)	0.00	ND	13.96		0.00	ND
97 (CL5)	0.00	ND	40.18		0.00	ND
87 (CL5)	0.00	ND	59.10		0.00	ND
85 (CL5)	0.00	ND	27.71		0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	18.02		0.00	ND
151 (CL6)	0.00	ND	24.15		0.52	J
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.00	ND	62.76		0.00	ND
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	19.58		0.00	ND
141 (CL6)	0.00	ND	8.54		0.00	ND
137 (CL6)	0.00	ND	1.82		0.00	ND
UNK (CL6)	0.00	ND	10.06		0.00	ND
158 (CL7)	0.00	ND	16.77		0.54	J
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	6.24		0.00	ND
183 (CL7)	0.00	ND	17.18		0.00	ND
167 (CL6)	0.00	ND	4.52		0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.00	ND	0.00	ND
177 (CL7)	0.00	ND	14.20		0.00	ND
156/171/202(CL6/7/8)	0.83	J	7.19		0.00	ND
200 (CL8)	0.00	ND	5.34		0.00	ND
172 (CL7)	1.06	J	10.27		0.00	ND
191 (CL7)	0.00	NDD	1.31		0.00	ND
201 (CL8)	1.79		5.63		0.90	
196 (CL8)	0.00	NDD	4.85		0.00	ND
189 (CL7)	1.13		0.00	ND	0.78	
194 (CL8)	0.00	ND	1.55		0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE			Transect D-19	
ID:	PROC BLANK		Station 12			42' Palmer Sta	
LABSAMNO:	Q4884		Q4885			J1886	
UNIT:	ng/g		ng/g			ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL		Conc	DB QUAL
SAMPLE TYPE:	BLK		MS OF J1840		REF OIL	SAMP	
COLLECTION DATE:							
RECEIPT DATE:							
QCBATCH:	M801		M801		M801	M802	
EXTRACTION DATE:	03/04/93		03/04/93			03/04/93	
METHOD:	GCMS		GCMS		GCMS	GCMS	
ANALYSIS DATE:	04/06/93		04/06/93		04/06/93	04/22/93	
METHOD:	GCECD		GCECD		GCECD	GCECD	
ANALYSIS DATE:	05/03/93		05/03/93			05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	TISSUE	
SUBMAT:							
SAMPLWT:							
WETWT:	10		9.896			10.116	
DRYWT:	10		2.14		1	2.5	
WTUNITS:	GRAMS		GRAMS		GRAMS	GRAMS	
PCTSOLIDS:	100.0%		21.6%			24.7%	
VOL:							
VOLUNITS:	LITERS		LITERS		LITERS	LITERS	
TOTAL BHC'S	0.00	ND		NA		0.00	ND
TOTAL CHLORDANES	0.00	ND		NA		0.24	J
TOTAL DDT'S	0.00	ND		NA		1.82	J
TOTAL PCB'S	3.4	J		NA		7.0	J
ALPHA-BHC	0.00	ND	77.0			0.00	ND
HCB	0.00	ND	99.0			0.24	J
BETA-BHC	0.00	ND	29.0			1.53	M
GAMMA-BHC	0.00	ND	88.0			0.00	ND
DELTA-BHC	0.00	ND	85.0			0.00	ND
HEPTACHLOR	0.00	ND	94.0			0.24	J
HEPTA-EPOXIDE	0.00	ND	82.0			0.00	ND
OXYCHLORDANE	0.00	ND		NA		0.00	ND
GAMMA-CHLORDANE	0.00	ND	89.0			0.00	ND
ALPHA-CHLORDANE	0.00	ND	81.0			0.00	ND
TRANS-NONACHLOR	0.00	ND	90.0			0.00	ND
CIS-NONACHLOR	0.00	ND		NA		0.00	ND
ALDRIN	0.00	ND	89.0			0.00	ND
DIELDRIN	0.62	J	89.0			0.00	ND
ENDRIN	0.00	ND	96.0			0.00	ND
MIREX	0.00	ND	95.0			0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	83.0			0.00	ND
4,4'DDE (P,P'DDE)	0.00	ND	92.0			0.42	J
2,4'DDD (O,P'DDD)	0.00	ND	110.0			0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	127.0			0.54	J
2,4'DDT (O,P'DDT)	0.00	ND	71.0			0.00	ND
4,4'DDT (P,P'DDT)	0.00	ND	91.0			0.86	J

PCB # (CLORINATION)

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		Transect D-19	
ID:	PROC BLANK		Station 12		42' Palmer Sta	
LABSAMNO:	Q4884		Q4885		J1886	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.00	ND	80.0		0.00	ND
18 (CL3)	0.00	ND	50.0		0.00	ND
28 (CL3)	0.00	ND	102.0		0.00	ND
44 (CL4)	0.74	J	109.0		0.00	ND
52 (CL4)	0.00	ND	109.0		0.00	ND
66 (CL4)	0.00	ND	123.0		0.00	ND
101 (CL5)	0.00	ND	98.0		0.00	ND
105 (CL5)	0.00	ND	108.0		0.00	ND
110/77 (CL5/4)	0.00	ND	78.0		0.20	J
118/108/149(CL5/5/6)	0.00	ND	108.0		0.63	J
128 (CL6)	0.00	ND	110.0		0.00	ND
138 (CL6)	0.45	J	114.0		0.80	J
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	96.0		0.67	J
170 (CL7)	0.00	ND	123.0		0.00	ND
180 (CL7)	0.00	ND	116.0		0.74	J
187/182/159(CL7/7/6)	0.00	ND	110.0		0.56	J
195 (CL8)	0.00	ND	117.0		0.08	J
206 (CL9)	0.00	ND	107.0		0.00	ND
209 (CL10)	0.00	ND	113.0		0.00	ND
Surrogate Recoveries						
DBOFB%:	65.2		64.9		64.0	
PCB#103%:	68.8		72.6		73.9	
PCB#198%:	69.0		80.9		87.0	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND		NA	0.00	ND
15 (CL2)	0.00	ND		NA	0.00	ND
24 (CL3)	0.00	ND		NA	0.37	J
16/32 (CL3)	0.00	ND		NA	0.00	ND
29 (CL3)	0.00	ND		NA	0.00	ND
26 (CL3)	0.00	ND		NA	0.00	ND
25 (CL3)	0.00	ND		NA	0.00	ND
50 (CL4)	0.00	ND		NA	0.40	J
31 (CL3)	0.00	ND		NA	0.00	ND
33 (CL3)	0.00	ND		NA	0.00	ND
22 (CL3)	0.00	ND		NA	0.00	ND
45 (CL4)	0.00	ND		NA	0.00	ND
46 (CL4)	0.00	ND		NA	0.61	J
49 (CL4)	0.10	J		NA	0.13	J

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		Transect D-19	
ID:	PROC BLANK		Station 12		42' Palmer Sta	
LABSAMNO:	Q4884		Q4885		J1886	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND		NA	0.00	ND
37/42 (CL4)	0.00	ND		NA	0.00	ND
41/64 (CL4)	0.00	ND		NA	0.00	ND
40 (CL4)	0.00	ND		NA	0.00	ND
100 (CL5)	0.00	ND		NA	0.00	ND
74 (CL4)	0.00	ND		NA	0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND		NA	0.00	ND
88 (CL5)	0.00	ND		NA	0.00	ND
60/56 (CL5)	0.00	ND		NA	0.00	ND
92? (CL5)	0.00	ND		NA	0.00	ND
84? (CL5)	0.00	ND		NA	0.00	ND
99 (CL5)	0.00	ND		NA	0.00	ND
83 (CL5)	0.00	ND		NA	0.00	ND
97 (CL5)	0.00	ND		NA	0.00	ND
87 (CL5)	0.00	ND	130.0		0.00	ND
85 (CL5)	0.00	ND		NA	0.00	ND
136 (CL6)	0.00	ND		NA	0.00	ND
82 (CL5)	0.00	ND		NA	0.00	ND
151 (CL6)	0.00	ND		NA	0.00	ND
107/108/144(CL5/5/6)	0.14	J		NA	0.00	ND
149 (CL6)	0.00	ND		NA	0.66	J
188 (CL7)	0.00	ND		NA	0.00	ND
146 (CL6)	0.00	ND		NA	0.00	ND
141 (CL6)	0.00	ND		NA	0.00	ND
137 (CL6)	0.00	ND		NA	0.61	J
UNK (CL6)	0.00	ND		NA	0.00	ND
158 (CL7)	0.00	ND		NA	0.00	ND
129 (CL6)	0.00	ND		NA	0.22	J
178 (CL7)	0.00	ND		NA	0.00	ND
183 (CL7)	0.00	ND		NA	0.00	ND
167 (CL6)	0.00	ND		NA	0.00	ND
185 (CL7)	0.00	ND		NA	0.00	ND
174 (CL7)	0.00	ND		NA	0.32	J
177 (CL7)	0.00	ND		NA	0.00	ND
156/171/202(CL6/7/8)	0.00	ND		NA	0.00	ND
200 (CL8)	0.00	ND		NA	0.00	ND
172 (CL7)	0.68	J		NA	0.56	J
191 (CL7)	0.00	ND		NA	0.00	ND
201 (CL8)	1.31			NA	0.88	J
196 (CL8)	0.00	ND		NA	0.39	J
189 (CL7)	0.00	ND		NA	0.00	ND
194 (CL8)	0.00	ND		NA	0.23	J
205 (CL9)	0.00	ND		NA	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-14		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	ANTARC NIST M802		Transect D-19		PROC BLANK	
LABSAMNO:	Q4886		Q4887		Q4888	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SRM		DUP OF J1886		BLK	
COLLECTION DATE:						
RECEIPT DATE:						
QCBATCH:	M802		M802		M802	
EXTRACTION DATE:	03/04/93		03/04/93		03/04/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/21/93		04/21/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	5		9.981			
DRYWT:	0.69		2.53		10	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	13.8%		25.3%			
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	6.88		0.60	J	0.00	ND
TOTAL CHLORDANES	75.19		0.50	J	0.00	ND
TOTAL DDT'S	131.86		2.19		0.00	ND
TOTAL PCB'S	2263.6		7.6		0.5	J
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.05	J	0.75	J	0.00	ND
BETA-BHC	2.27		0.60	J	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	4.62		0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.40	J	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	8.83		0.00	ND	0.00	ND
GAMMA-CHLORDANE	15.26		0.00	ND	0.00	ND
ALPHA-CHLORDANE	21.56		0.00	ND	0.00	ND
TRANS-NONACHLOR	18.36		0.00	ND	0.00	ND
CIS-NONACHLOR	11.18		0.10	J	0.00	ND
ALDRIN	3.27		0.00	ND	0.00	ND
DIELDRIN	8.86		0.00	ND	0.00	ND
ENDRIN	0.00	ND	0.00	ND	0.00	ND
MIREX	0.59	J	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	4.52		0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	49.80		0.41	J	0.00	ND
2,4'DDD (O,P'DDD)	8.35		0.00	ND	0.00	ND
4,4'DDD (P,P'DDD)	54.89		0.55	J	0.00	ND
2,4'DDT (O,P'DDT)	7.24		0.00	ND	0.00	ND
4,4'DDT (P,P'DDT)	7.06		1.23		0.00	ND
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-14		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	ANTARC NIST M802		Transect D-19		PROC BLANK	
LABSAMNO:	Q4886		Q4887		Q4888	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	6.69		0.00	ND	0.00	ND
18 (CL3)	13.75		0.00	ND	0.00	ND
28 (CL3)	81.40		0.00	ND	0.00	ND
44 (CL4)	74.52		0.00	ND	0.00	ND
52 (CL4)	90.91		0.00	ND	0.00	ND
66 (CL4)	112.32		0.00	ND	0.00	ND
101 (CL5)	114.46		0.00	ND	0.00	ND
105 (CL5)	43.95		0.00	ND	0.00	ND
110/77 (CL5/4)	128.93		0.23	J	0.00	ND
118/108/149(CL5/5/6)	110.51		0.51	J	0.00	ND
128 (CL6)	15.75		0.00	ND	0.00	ND
138 (CL6)	118.68		2.11		0.00	ND
126 (CL5)		NA		NA		NA
153 (CL6)	141.78		0.94	J	0.00	ND
170 (CL7)	0.00		0.00	ND	2.03	
180 (CL7)	16.44		0.55	J	0.00	ND
187/182/159(CL7/7/6)	33.42		0.63	J	0.00	ND
195 (CL8)	0.00		0.00	ND	0.00	ND
206 (CL9)	0.00		0.00	ND	0.00	ND
209 (CL10)	0.00		0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	63.3		45.4		43.2	
PCB#103%:	68.5		54.7		50.9	
PCB#198%:	79.9		59.9		44.9	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	38.01		0.00	ND	0.00	ND
24 (CL3)	8.32		0.24	J	0.00	ND
16/32 (CL3)	21.02		0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.17	J	0.00	ND
26 (CL3)	11.86		0.00	ND	0.00	ND
25 (CL3)	12.49		0.00	ND	0.00	ND
50 (CL4)	27.70		0.57	J	0.21	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	8.11		0.00	ND	0.00	ND
22 (CL3)	10.26		0.00	ND	0.00	ND
45 (CL4)	8.36		0.00	ND	0.00	ND
46 (CL4)	5.14		0.49	J	0.00	ND
49 (CL4)	102.39		0.17	J	0.09	J

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	Transect D-14		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	ANTARC NIST M802		Transect D-19		PROC BLANK	
LABSAMNO:	Q4886		Q4887		Q4888	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	89.53		0.00	ND	0.00	ND
37/42 (CL4)	45.36		0.00	ND	0.00	ND
41/64 (CL4)	78.70		0.00	ND	0.00	ND
40 (CL4)	14.45		0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	70.47		0.00	ND	0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	114.40		0.00	ND	0.00	ND
88 (CL5)	25.94		0.00	ND	0.00	ND
60/56 (CL5)	75.47		0.00	ND	0.00	ND
92? (CL5)	36.91		0.00	ND	0.00	ND
84? (CL5)	34.71		0.00	ND	0.00	ND
99 (CL5)	75.05		0.00	ND	0.00	ND
83 (CL5)	14.64		0.00	ND	0.00	ND
97 (CL5)	44.05		0.00	ND	0.00	ND
87 (CL5)	64.04		0.00	ND	0.00	ND
85 (CL5)	30.14		0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	19.18		0.00	ND	0.00	ND
151 (CL6)	25.92		0.00	ND	0.00	ND
107/108/144(CL5/5/6)	30.82		0.00	ND	0.00	ND
149 (CL6)	72.01		0.65	J	0.00	ND
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	30.84		0.00	ND	0.00	ND
141 (CL6)	11.16		0.00	ND	0.00	ND
137 (CL6)	1.68		0.35	J	0.00	ND
UNK (CL6)	7.71		0.00	ND	0.00	ND
158 (CL7)	16.42		0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	2.45		0.00	ND	0.00	ND
183 (CL7)	19.05		0.00	ND	0.00	ND
167 (CL6)	5.32		0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.36	J	0.00	ND
177 (CL7)	14.84		0.11	J	0.00	ND
156/171/202(CL6/7/8)	9.14		0.00	ND	0.00	ND
200 (CL8)	4.93		0.00	ND	0.00	ND
172 (CL7)	7.23		0.44	J	0.22	J
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	1.21		0.00	ND
196 (CL8)	4.41		0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	1.13		0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	LAB QA SAMPLE			Transect D-17		Transect D-13	
ID:	Transect D-19			60-62'		NIST	
LABSAMNO:	Q4889			J1896		Q4890	
UNIT:	ng/g			ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL		Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	MS OF J1886		REF OIL	SAMP		SRM	
COLLECTION DATE:							
RECEIPT DATE:							
QCBATCH:	M802		M802	M803		M803	
EXTRACTION DATE:	03/04/93			03/05/93		03/05/93	
METHOD:	GCMS		GCMS	GCMS		GCMS	
ANALYSIS DATE:	04/21/93		04/21/93	04/07/93		04/07/93	
METHOD:	GCECD		GCECD	GCECD		GCECD	
ANALYSIS DATE:	05/03/93			05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE	TISSUE		TISSUE	
SUBMAT:							
SAMPLWT:							
WETWT:	10.006			9.939		5.069	
DRYWT:	2.46		1	2.66		0.67	
WTUNITS:	GRAMS		GRAMS	GRAMS		GRAMS	
PCTSOLIDS:	24.6%			26.8%		13.2%	
VOL:							
VOLUNITS:	LITERS		LITERS	LITERS		LITERS	
TOTAL BHC'S		NA		0.00	ND	4.32	
TOTAL CHLORDANES		NA		1.01	J	74.89	
TOTAL DDT'S		NA		0.76	J	128.59	
TOTAL PCB'S		NA		10.0		2220.5	
ALPHA-BHC	81.0			0.00	ND	0.00	ND
HCB	45.0			0.15	J	0.29	J
BETA-BHC	24.0			0.00	ND	0.00	ND
GAMMA-BHC	96.0			0.00	ND	0.00	ND
DELTA-BHC	95.0			0.00	ND	4.32	
HEPTACHLOR	93.0			0.47	J	0.00	ND
HEPTA-EPOXIDE	90.0			0.00	ND	0.00	ND
OXYCHLORDANE		NA		0.23	J	5.27	
GAMMA-CHLORDANE	87.0			0.00	ND	18.60	
ALPHA-CHLORDANE	73.0			0.00	ND	20.91	
TRANS-NONACHLOR	91.0			0.31	J	18.13	
CIS-NONACHLOR		NA		0.00	ND	11.98	
ALDRIN	89.0			0.00	ND	0.00	ND
DIELDRIN	96.0			0.00	ND	10.13	
ENDRIN	114.0			0.00	ND	0.00	ND
MIREX	99.0			0.00	ND	0.78	J
2,4'DDE (O,P'DDE)	89.0			0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	100.0			0.45	J	43.73	
2,4'DDD (O,P'DDD)	111.0			0.31	J	6.16	
4,4'DDD (P,P'DDD)	132.0			0.00	ND	64.16	
2,4'DDT (O,P'DDT)	81.0			0.00	ND	7.06	
4,4'DDT (P,P'DDT)	94.0			0.00	ND	7.48	
PCB # (CLORINATION)							

INVEST#:	LAB QA SAMPLE		Transect D-17		Transect D-13	
ID:	Transect D-19		60-62'		NIST	
LABSAMNO:	Q4889		J1896		Q4890	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	84.0		0.00	ND	1.23	
18 (CL3)	56.0		0.00	ND	10.90	
28 (CL3)	113.0		0.00	ND	86.12	
44 (CL4)	111.0		0.74	J	69.23	
52 (CL4)	106.0		0.00	ND	95.19	
66 (CL4)	111.0		0.00	ND	113.35	
101 (CL5)	99.0		0.00	ND	116.80	
105 (CL5)	99.0		0.00	ND	34.32	
110/77 (CL5/4)	75.0		0.00	ND	116.96	
118/108/149(CL5/5/6)	112.0		0.00	ND	106.96	
128 (CL6)	119.0		0.00	ND	15.01	
138 (CL6)	116.0		1.39		115.20	
126 (CL5)		NA		NA		NA
153 (CL6)	102.0		0.00	ND	145.25	
170 (CL7)	131.0		0.00	ND	0.00	ND
180 (CL7)	119.0		0.80	J	15.12	
187/182/159(CL7/7/6)	118.0		1.27		38.55	
195 (CL8)	120.0		0.00	ND	0.00	ND
206 (CL9)	111.0		0.00	ND	0.76	
209 (CL10)	114.0		0.00		0.00	ND
Surrogate Recoveries						
DBOFB%:	62.5		55.0		67.1	
PCB#103%:	72.6		63.1		73.2	
PCB#198%:	85.6		70.3		87.5	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)		NA	0.00	ND	0.00	ND
15 (CL2)		NA	0.00	ND	28.73	
24 (CL3)		NA	0.00	ND	4.82	
16/32 (CL3)		NA	0.00	ND	18.32	
29 (CL3)		NA	0.33	J	0.00	ND
26 (CL3)		NA	0.00	ND	11.55	
25 (CL3)		NA	0.00	ND	12.85	
50 (CL4)		NA	0.00	ND	45.41	
31 (CL3)		NA	0.00	ND	0.00	ND
33 (CL3)		NA	0.00	ND	0.00	ND
22 (CL3)		NA	0.00	ND	8.12	
45 (CL4)		NA	0.00	ND	7.29	
46 (CL4)		NA	0.25	J	3.20	
49 (CL4)		NA	0.00	ND	97.76	

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	LAB QA SAMPLE		Transect D-17		Transect D-13	
ID:	Transect D-19		60-62'		NIST	
LABSAMNO:	Q4889		J1896		Q4890	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)		NA	0.00	ND	81.47	
37/42 (CL4)		NA	0.00	ND	41.57	
41/64 (CL4)		NA	0.00	ND	225.49	
40 (CL4)		NA	0.00	ND	10.62	
100 (CL5)		NA	0.00	ND	0.00	
74 (CL4)		NA	0.00	ND	63.97	
PCB #(CHLORINATION)						
70 (CL4)		NA	0.22	J	101.00	
88 (CL5)		NA	0.05	J	21.08	
60/56 (CL5)		NA	0.00	ND	59.23	
92? (CL5)		NA	0.00	ND	32.67	
84? (CL5)		NA	0.00	ND	34.86	
99 (CL5)		NA	0.15	J	71.02	
83 (CL5)		NA	0.00	ND	11.46	
97 (CL5)		NA	0.00	ND	36.30	
87 (CL5)	120.0		0.00	ND	51.98	
85 (CL5)		NA	0.00	ND	22.33	
136 (CL6)		NA	0.00	ND	9.01	
82 (CL5)		NA	0.00	ND	14.09	
151 (CL6)		NA	0.00	ND	24.08	
107/108/144(CL5/5/6)		NA	0.00	ND	17.56	
149 (CL6)		NA	0.00	ND	69.64	
188 (CL7)		NA	4.61		8.35	
146 (CL6)		NA	0.00	ND	15.07	
141 (CL6)		NA	0.00	ND	0.00	ND
137 (CL6)		NA	0.88	J	0.00	ND
UNK (CL6)		NA	0.00	ND	7.69	
158 (CL7)		NA	0.00	ND	19.00	
129 (CL6)		NA	0.34	J	0.00	ND
178 (CL7)		NA	0.47	J	9.46	
183 (CL7)		NA	0.00	ND	18.72	
167 (CL6)		NA	0.00	ND	5.25	
185 (CL7)		NA	0.00	ND	0.00	ND
174 (CL7)		NA	0.00	ND	0.00	ND
177 (CL7)		NA	0.00	ND	14.02	
156/171/202(CL6/7/8)		NA	0.00	ND	0.00	ND
200 (CL8)		NA	0.59	J	0.00	ND
172 (CL7)		NA	0.00	ND	0.00	ND
191 (CL7)		NA	0.00	ND	0.00	ND
201 (CL8)		NA	0.00	ND	0.00	ND
196 (CL8)		NA	0.00	ND	2.97	
189 (CL7)		NA	0.00	ND	0.00	ND
194 (CL8)		NA	0.00	ND	1.24	
205 (CL9)		NA	0.00	ND	0.00	ND

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Transect D-17		PROC BLANK		Transect D-17	
LABSAMNO:	Q4891		Q4892		Q4893	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	DUP OF J1896		BLK		MS OF J1896	
COLLECTION DATE:						
RECEIPT DATE:						
QCBATCH:	M803		M803		M803	
EXTRACTION DATE:	03/05/93		03/05/93		03/05/93	
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	04/07/93		04/07/93		04/07/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	05/03/93		05/03/93		05/03/93	
MATRIX:	TISSUE		TISSUE		TISSUE	
SUBMAT:						
SAMPLWT:						
WETWT:	10.443				10.492	
DRYWT:	2.38		10		2.39	
WTUNITS:	GRAMS		GRAMS		GRAMS	
PCTSOLIDS:	22.8%				22.8%	
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND		NA
TOTAL CHLORDANES	1.98		0.24	J		NA
TOTAL DDT'S	0.97	J	0.38	J		NA
TOTAL PCB'S	15.5		12.8			NA
ALPHA-BHC	0.00	ND	0.00	ND	71.0	
HCB	0.16	J	0.00	ND	73.0	
BETA-BHC	0.00	ND	0.00	ND	32.0	
GAMMA-BHC	0.00	ND	0.00	ND	86.0	
DELTA-BHC	0.00	ND	0.00	ND	87.0	
HEPTACHLOR	0.42	J	0.00	ND	89.0	
HEPTA-EPOXIDE	0.00	ND	0.00	ND	95.0	
OXYCHLORDANE	0.51	J	0.00	ND		NA
GAMMA-CHLORDANE	0.00	ND	0.00	ND	90.0	
ALPHA-CHLORDANE	0.00	ND	0.00	ND	72.0	
TRANS-NONACHLOR	1.05		0.24	J	88.0	
CIS-NONACHLOR	0.00	ND	0.00	ND		NA
ALDRIN	0.00	ND	0.00	ND	86.0	
DIELDRIN	0.00	ND	0.00	ND	87.0	
ENDRIN	0.00	ND	0.00	ND	96.0	
MIREX	0.00	ND	0.00	ND	93.0	
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	89.0	
4,4'DDE (P,P'DDE)	0.69	J	0.38	J	84.0	
2,4'DDD (O,P'DDD)	0.28	J	0.00	ND	90.0	
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	95.0	
2,4'DDT (O,P'DDT)	0.00	ND	0.00	ND	76.0	
4,4'DDT (P,P'DDT)	0.00	ND	0.00	ND	108.0	
PCB # (CLORINATION)						

Antarctic Limpet Samples -Polar Programs- Pesticides and PCB's

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Transect D-17		PROC BLANK		Transect D-17	
LABSAMNO:	Q4891		Q4892		Q4893	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
8 (CL2)	0.00	ND	0.00	ND	84.0	
18 (CL3)	0.00	ND	0.00	ND	41.0	
28 (CL3)	0.00	ND	0.79	J	98.0	
44 (CL4)	0.77	J	1.14		90.0	
52 (CL4)	1.65		0.83	J	91.0	
66 (CL4)	0.00	ND	0.36	J	81.0	
101 (CL5)	0.00	ND	0.83	J	85.0	
105 (CL5)	0.17	J	0.17	J	79.0	
110/77 (CL5/4)	0.00	ND	0.00	ND	61.0	
118/108/149(CL5/5/6)	1.28		0.71	J	84.0	
128 (CL6)	0.22	J	0.00	ND	90.0	
138 (CL6)	2.52		2.06		103.0	
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	1.06		97.0	
170 (CL7)	0.00	ND	0.00	ND	47.0	
180 (CL7)	0.49	J	0.00	ND	108.0	
187/182/159(CL7/7/6)	1.53		0.87	J	122.0	
195 (CL8)	0.00	ND	0.00	ND	105.0	
206 (CL9)	0.00	ND	0.00	ND	97.0	
209 (CL10)	0.00	ND	0.00	ND	106.0	
Surrogate Recoveries						
DBOFB%:	60.5		68.6		57.7	
PCB#103%:	71.4		71.8		69.4	
PCB#198%:	71.0		72.3		82.4	
OTHER PESTICIDES						
ENDOSULFAN I						
ENDOSULFAN II						
ENDOSULFAN SULFATE						
ENDRIN ALDEHYDE						
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND		NA
15 (CL2)	0.00	ND	0.00	ND		NA
24 (CL3)	0.00	ND	0.00	ND		NA
16/32 (CL3)	0.00	ND	0.19	J		NA
29 (CL3)	0.00	ND	0.00	ND		NA
26 (CL3)	0.00	ND	0.00	ND		NA
25 (CL3)	0.96	J	0.00	ND		NA
50 (CL4)	0.00	ND	1.15			NA
31 (CL3)	0.00	ND	0.00	ND		NA
33 (CL3)	0.00	ND	0.00	ND		NA
22 (CL3)	0.00	ND	0.00	ND		NA
45 (CL4)	0.00	ND	0.00	ND		NA
46 (CL4)	0.00	ND	0.00	ND		NA
49 (CL4)	0.00	ND	0.80	J		NA

INVEST#:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
ID:	Transect D-17		PROC BLANK		Transect D-17	
LABSAMNO:	Q4891		Q4892		Q4893	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
47/48 (CL4)	0.00	ND	0.00	ND		NA
37/42 (CL4)	0.00	ND	0.00	ND		NA
41/64 (CL4)	0.00	ND	0.00	ND		NA
40 (CL4)	0.00	ND	0.00	ND		NA
100 (CL5)	0.00	ND	0.00	ND		NA
74 (CL4)	0.00	ND	0.29	J		NA
PCB #(CHLORINATION)						
70 (CL4)	0.00		0.59	J		NA
88 (CL5)	0.54		0.14	J		NA
60/56 (CL5)	0.00		0.00	ND		NA
92? (CL5)	0.00		0.29	J		NA
84? (CL5)	0.00		0.00	ND		NA
99 (CL5)	1.34		0.59	J		NA
83 (CL5)	0.00		0.00	ND		NA
97 (CL5)	0.00		0.28	J		NA
87 (CL5)	0.00		0.28	J	0.0	
85 (CL5)	0.16		0.12	J		NA
136 (CL6)	0.00		0.00	ND		NA
82 (CL5)	0.00		0.00	ND		NA
151 (CL6)	0.00		0.00	ND		NA
107/108/144(CL5/5/6)	0.00		0.00	ND		NA
149 (CL6)	1.20		0.62	J		NA
188 (CL7)	3.74		0.50	J		NA
146 (CL6)	0.00		0.00	ND		NA
141 (CL6)	0.00		0.00	ND		NA
137 (CL6)	0.00		0.00	ND		NA
UNK (CL6)	0.00		0.00	ND		NA
158 (CL7)	0.39		0.00	ND		NA
129 (CL6)	0.00		0.00	ND		NA
178 (CL7)	0.00		0.00	ND		NA
183 (CL7)	0.00		0.00	ND		NA
167 (CL6)	0.00		0.00	ND		NA
185 (CL7)	0.00		0.00	ND		NA
174 (CL7)	0.00		0.00	ND		NA
177 (CL7)	0.34		0.00	ND		NA
156/171/202(CL6/7/8)	0.00		0.00	ND		NA
200 (CL8)	0.18		0.00	ND		NA
172 (CL7)	0.00		0.07	J		NA
191 (CL7)	0.00		0.00	ND		NA
201 (CL8)	0.00		0.00	ND		NA
196 (CL8)	0.00		0.00	ND		NA
189 (CL7)	0.00		0.00	ND		NA
194 (CL8)	0.00		0.00	ND		NA
205 (CL9)	0.00		0.00	ND		NA

Limpet Metal Data

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:	Station 4		Station 3		Station 12		Station 12		Station 13		Station 13	
ID:	Humble Island		Humble Island		Janus Island		Janus Island		Christine Is		Christine Is	
LABSAMNO:	J1292		J1825		J1289		J1840		J1312		J1842	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1989		1991		1989		1991		1989		1991	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
ADGDAT	10/13/92		10/13/92		10/13/92		10/13/92		10/13/92		10/13/92	
HGDGDAT			10/09/92		10/09/92		10/09/92		10/09/92		10/09/92	
SAMPTYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
Acid Digest Wt:	0.197		0.193		0.169		0.197		0.199		0.207	
Hg Digest Wt			0.200		0.196		0.202		0.197		0.191	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
UNIT:	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	
Ag	0.973		1.843		1.062		1.665		1.008		1.373	
As	11.6		9.7		5.2		2.2		2.6		10.9	
Cd	6.44		11.50		7.85		13.85		7.75		9.50	
Cr	22.6		31.1		2.5		1.2		7.4		4.2	
Cu	8.26		8.90		8.04		8.85		8.35		10.18	
Fe	1053		1693		308		442		588		915	
Hg		IS	0.088		0.014		0.039		0.032		0.125	
Ni	16.4		18.8		4.97		3.94		5.86		3.05	
Pb	0.57		0.58		0.46		0.43		0.39		0.34	
Se	2.70		1.75		1.91		1.47		2.69		2.69	
Sn	0.00	ND	0.08		0.03		0.00	ND	0.00	ND	0.00	ND
Zn	70		72		71		70		16		69	

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:	Station 20		Station 20		Transect D-7		Transect D-7		Transect D-11		Transect D-11	
ID:	Cormorant Is		Cormorant Is		Hermit Island		Hermit Island		0' Palmer Sta		54' Palmer Sta	
LABSAMNO:	J1310		J1850		J1344		J1866		J1871		J1872	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1989		1991		1989		1991		1991		1991	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
ADGDAT	10/13/92		10/13/92		10/13/92		10/13/92		10/13/92		10/13/92	
HGDGDAT	10/09/92		10/09/92		10/09/92		10/09/92		10/09/92		10/09/92	
SAMPTYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
Acid Digest Wt:	0.197		0.191		0.193		0.196		0.198		0.192	
Hg Digest Wt	0.197		0.196		0.198		0.189		0.205		0.206	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
UNIT:	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	
Ag	0.837		1.333		2.156		2.839		0.686		0.673	
As	22.8		11.2		10.9		30.3		10.4		11.7	
Cd	7.69		12.66		18.6		20.59		8.70		4.04	
Cr	12.3		5.5		4.0		6.0		24.4		83.8	
Cu	11.6		10.12		2.71		7.65		23.43		33.43	
Fe	850		590		691		716		2913		10564	
Hg	0.056		0.043		0.042		0.073		0.070		0.027	
Ni	7.75		4.95		3.95		5.45		14.2		49.7	
Pb	0.56		0.59		3.30		0.94		1.89		2.18	
Se	2.30		2.16		2.16		2.34		2.04		1.82	
Sn	0.00	ND	0.12		0.00	ND	0.00	ND	0.17		0.06	
Zn	70		69		80		83		62		59	

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:	Transect D-12		Transect D-12		Transect D-13		Transect D-13		Transect D-14		Transect D-14	
ID:	0' Palmer Sta		62' Palmer Sta		0' Palmer Sta		31' Palmer Sta		0' Old Palmer		30' Old Palmer	
LABSAMNO:	J1875		J1876		J1881		J1880		J1887		J1883	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991		1991		1991		1991	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
ADGDAT	10/13/92		10/13/92		10/13/92				10/13/92		10/13/92	
HGDGDAT	10/09/92		10/09/92		10/09/92		10/09/92		10/09/92		10/09/92	
SAMPTYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
Acid Digest Wt:	0.195		0.200		0.197		0.192		0.091		0.198	
Hg Digest Wt	0.187		0.187		0.203		0.202		0.183		0.207	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
UNIT:	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	
Ag	1.094		1.506		1.035		1.401		2.397		2.234	
As	9.1		15.8		10.2		11.6		11.4		3.0	
Cd	8.04		13.12		9.79		11.66		13.02		16.17	
Cr	14.6		16.8		19.9		19.4		10.2		22.3	
Cu	29.29		13.74		26.72		14.14		9.75		9.72	
Fe	1929		2658		3006		3896		2593		2518	
Hg	0.074		0.051		0.094		0.087		0.091		0.085	
Ni	9.39		9.92		12.9		12.2		6.04		13.8	
Pb	3.64		0.91		6.64		2.75		7.06		1.67	
Se	2.58		2.42		1.88		1.57		1.86		2.07	
Sn	0.15		0.05		0.31		0.00	ND	0.22		0.00	ND
Zn	72		75		85		67		74		60	

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:	Transect D-17		Transect D-17		Transect D-19		Transect D-19		Transect D-7		Transect D-7	
ID:	0'		60-62'		0' Palmer Sta		42' Palmer Sta		Hermit Island		18' Hermit Island	
LABSAMNO:	J1893		J1896		J1882		J1886		J1866		J1865	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	1991		1991		1991		1991		1991		1991	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
ADGDAT	10/13/92		10/13/92		10/13/92		10/13/92		10/13/92		10/13/92	
HGDGDAT	10/09/92		10/09/92		10/09/92		10/09/92		10/09/92		10/09/92	
SAMPTYPE	SAMP		SAMP		SAMP		SAMP		SAMP		SAMP	
Acid Digest Wt:	0.189		0.193		0.192		0.193		0.196		0.194	
Hg Digest Wt	0.203		0.205		0.192		0.200		0.189		0.190	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
UNIT:	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	
Ag	1.419		0.939		1.287		1.446		2.839		2.638	
As	10.2		11.9		10.7		18.2		30.3		11.0	
Cd	11.26		4.49		10.92		7.06		20.59		30.44	
Cr	14.7		36.3		69.4		38.3		6.0		6.1	
Cu	12.19		11.64		27.84		13.93		7.65		7.36	
Fe	1693		2905		2678		2730		716		979	
Hg	0.014		0.041		0.074		0.091		0.073		0.075	
Ni	9.17		22.8		53.6		23.2		5.45		4.48	
Pb	14.7		0.76		1.14		2.09		0.94		0.83	
Se	2.53		1.63		1.78		1.59		2.34		2.91	
Sn	0.00	ND	0.09		0.01		0.04		0.00	ND	0.06	
Zn	71		58		70		68		83		69	

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:	Station 12	Transect D-14	LAB QA SAMPLE	LAB QA SAMPLE	LAB QA SAMPLE	LAB QA SAMPLE
ID:	Janus Island	ANTARC NIST M801	Station 12	PROC BLANK	Station 12	GERG CHK
LABSAMNO:	J1840	Q4882	Q4883	Q4884	Q4885	W8220
SAMPLE TYPE:	SAMP	SRM	DUP OF J1840	BLK	MS OF J1840	REF OIL
COLLECTION DATE:	1991					
MATRIX:	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE
ADGDAT					10/13/92	
HGDGDAT					10/09/92	
SAMPTYPE					LDUP	
Acid Digest Wt:					0.202	
Hg Digest Wt					0.198	
WTUNITS:	DRY GRAMS	DRY GRAMS	GRAMS	GRAMS	GRAMS	GRAMS
UNIT:	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Ag					1.540	
As					18.2	
Cd					7.22	
Cr					39.4	
Cu					13.18	
Fe					2902	
Hg					0.048	
Ni					22.8	
Pb					1.54	
Se					1.81	
Sn					0.09	
Zn					68	

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:	Transect D-19		Transect D-14		LAB QA SAMPLE		LAB QA SAMPLE
ID:	42' Palmer Sta		ANTARC NIST M802		Transect D-19		PROC BLANK
LABSAMNO:	J1886		Q4886		Q4887		Q4888
SAMPLE TYPE:	SAMP		SRM		DUP OF J1886		BLK
COLLECTION DATE:							
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE
ADGDAT	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92
HGDGDAT	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92
SAMPTYPE	SAMP	SPIKE	MS	SAMP	LDUP	SAMP	LDUP
Acid Digest Wt:	0.211		0.195	0.203	0.195	0.195	0.203
Hg Digest Wt	0.204		0.209	0.192	0.188	0.204	0.192
WTUNITS:	GRAMS		GRAMS		GRAMS		GRAMS
UNIT:	(ppm)		(ppm)		(ppm)		(ppm)
Ag	0.000	1.024	0.940	0.113	0.055	0.000	0.000
As	2.5	10.2	13.2	4.9	5.1	12.9	13.3
Cd	0.04	5.12	5.09	2.05	2.03	1.63	1.46
Cr	2.2	25.6	27.7	0.3	0.3	2.5	8.6
Cu	1.08	25.60	26.36	3.03	3.25	3.22	3.27
Fe	36.3	512	525	126	126	85	147
Hg	0.226	1.14	1.46	0.182	0.178	0.517	0.622
Ni	1.14	25.6	25.5	0.29	0.47	3.66	4.61
Pb	0.06	25.6	26.1	0.02	0.01	0.03	0.00
Se	2.17	25.6	38.2	6.39	6.37	5.72	5.80
Sn	0.00	0.28	0.22	0.04	0.01	0.00	0.10
Zn	38	128	168	84	87	89	87

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:		LAB QA SAMPLE		LAB QA SAMPLE		Transect D-17		Transect D-13
ID:		Transect D-19		GERG CHK		60-62'		NIST
LABSAMNO:		Q4889		W8310		J1896		Q4890
SAMPLE TYPE:		MS OF J1886		REF OIL		SAMP		SRM
COLLECTION DATE:								
MATRIX:		TISSUE		TISSUE		TISSUE		TISSUE
ADGDAT	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92
HGDGDAT	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92
SAMPTYPE	SAMP	LDUP	SAMP	SPIKE	MS	SAMP	SPIKE	MS
Acid Digest Wt:	0.202	0.198	0.207		0.199	0.203		0.206
Hg Digest Wt	0.192	0.205	0.190		0.186	0.193		0.199
WTUNITS:		GRAMS		GRAMS		GRAMS		GRAMS
UNIT:		(ppm)		(ppm)		(ppm)		(ppm)
Ag	0.244	0.249	0.000	1.070	0.909	0.000	0.973	0.847
As	5.9	6.0	5.5	10.1	15.8	0.7	9.7	11.1
Cd	5.12	4.19	0.02	5.03	4.91	0.02	4.87	4.34
Cr	2.2	1.3	1.4	25.2	28.2	1.1	24.3	23.1
Cu	4.66	4.25	0.48	25.16	26.10	1.18	24.33	22.14
Fe	317	270	13.6	503	517	28.5	487	462
Hg	0.124	0.109	0.218	1.28	1.36	0.372	1.24	1.27
Ni	2.07	1.65	0.98	25.2	25.5	0.76	24.3	24.2
Pb	0.13	0.14	0.05	25.2	25.5	0.14	24.3	23.1
Se	7.91	8.32	3.21	25.2	33.8	0.60	24.3	27.4
Sn	0.00	0.00	0.01	0.28	0.37	0.00	0.27	0.28
Zn	81	82	21	126	151	36	122	149

Antarctic Limpet Samples -Polar Programs- Metal Data

INVEST#:		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	LAB QA SAMPLE
ID:		Transect D-17		PROC BLANK		Transect D-17	GERG CHK
LABSAMNO:		Q4891		Q4892		Q4893	W8228
SAMPLE TYPE:		DUP OF J1896		BLK		MS OF J1896	REF OIL
COLLECTION DATE:							
MATRIX:		TISSUE		TISSUE		TISSUE	TISSUE
ADGDAT	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92		
HGDGDAT	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92		
SAMPTYPE	SAMP	SPIKE	MS	SAMP	LDUP		
Acid Digest Wt:	0.200		0.195	0.209	0.203		
Hg Digest Wt	0.187			0.198	0.193		
WTUNITS:		GRAMS		GRAMS		GRAMS	GRAMS
UNIT:							
Ag	1.917	1.025	2.757	0.047	0.111		
As	19.9	10.3	33.4	23.9	23.4		
Cd	23.14	5.13	28.34	0.63	0.61		
Cr	27.6	25.6	51.3	36.3	40.6		
Cu	15.14	25.63	41.42	3.04	2.81		
Fe	9578	513	10654	775	891		
Hg	0.026			0.129	0.144		
Ni	20.7	25.6	42.9	8.86	10.4		
Pb	0.95	25.6	26.9	0.31	0.24		
Se	16.3	25.6	41.8	4.52	3.99		
Sn	0.00	0.28	0.25	0.10	0.13		
Zn	186	128	316	79	81		

McMurdo Sediment Aromatic Hydrocarbon Data

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	BERNACCHI BAY		BAY OF SAILS		WQB	
ID:	100'		100'		60'	
LABSAMNO:	J2034		J2037		J2042	
UNIT:	ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	01/09/91		12/21/90		12/10/90	
RECEIPT DATE:						
QCBATCH:	M607		M607		M607	
EXTRACTION DATE:						
METHOD:	GCFID		GCFID		GCFID	
ANALYSIS DATE:						
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	02/26/93		02/26/93		02/27/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	04/23/93		04/23/93		04/23/93	
MATRIX:	SEDIMENT		SEDIMENT		SEDIMENT	
SUBMAT:						
SAMPLWT:						
WETWT:	16.49		15.83		17.57	
DRYWT:	11.39		10.19		9.99	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:						
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
NAPHTHALENE	2.10		1.97		67.74	
C1-NAPHTHALENES	6.07		4.74		217.45	
C2-NAPHTHALENES	12.27		11.21		286.34	
C3-NAPHTHALENES	15.19		17.19		409.67	
C4-NAPHTHALENES	16.38		19.21		320.17	
BIPHENYL	1.13		1.01		30.92	
ACENAPHTHYLENE	0.25	J	0.36	J	3.17	
ACENAPHTHENE	0.41	J	0.92	J	4.81	
FLUORENE	1.25		1.36		10.77	
C1-FLUORENES	6.42		6.13		27.08	
C2-FLUORENES	19.82		23.54		59.14	
C3-FLUORENES	36.22		39.09		80.06	
PHENANTHRENE	7.80		9.08		43.65	
ANTHRACENE	1.00		1.59		11.66	
C1-PHEN_ANTHR	7.77		8.26		36.63	
C2-PHEN_ANTHR	10.80		13.28		66.11	
C3-PHEN_ANTHR	10.73		13.16		115.62	
C4-PHEN_ANTHR	8.25		9.07		77.36	
DIBENZOTHIO	0.57	J	0.91	J	5.89	
C1-DIBEN	4.05		4.22		18.40	
C2-DIBEN	7.76		7.18		53.79	
C3-DIBEN	8.58		7.45		96.70	
FLUORANTHENE	2.57		3.18		30.95	
PYRENE	9.87		11.77		44.71	
C1-FLUORAN_PYR	0.00	ND	0.00	ND	34.42	
BENaANTHRACENE	0.04	J	0.08	J	21.48	
CHRYSENE	0.24	J	0.05	J	26.55	
C1-CHRYSENES	0.00	ND	0.00	ND	23.70	

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	BERNACCHI BAY		BAY OF SAILS		WQB	
ID:	100'		100'		60'	
LABSAMNO:	J2034		J2037		J2042	
UNIT:	ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-CHRYSENES	0.00	ND	0.00	ND	27.54	
C3-CHRYSENES	0.00	ND	0.00	ND	4.58	
C4-CHRYSENES	0.00	ND	0.00	ND	5.32	
BENbFLUORAN	0.07	J	0.09	J	10.56	
BENkFLUORAN	0.07	J	0.09	J	10.56	
BENePYRENE	0.22	J	0.20	J	10.94	
BENaPYRENE	0.06	J	0.04	J	8.90	
PERYLENE	0.03	J	0.17	J	4.92	
I123cdPYRENE	0.05	J	0.10	J	5.71	
DBahANTHRA	0.05	J	0.06	J	1.44	
BghiPERYLENE	0.26	J	0.30	J	6.43	
TOTAL PAH's (W/O PERYLENE)	198.3		216.9		2316.9	
2-METHYLNAPH	3.44		2.81		157.16	
1-METHYLNAPH	2.63		1.93		60.29	
2,6-DIMETHNAPH	4.34		4.20		182.69	
2,3,5-TRIMETHNAPH	2.93		3.27		68.36	
1-METHYLPHEN	1.61		1.91		6.93	
Surrogate Recoveries						
NAPHD8:	76.1		78.2		71.0	
ACEND10:	73.4		71.6		64.9	
PHEND10:	90.0		84.6		72.7	
CHRYD12:	84.8		86.7		39.3	
PERYD12:	73.1		47.1		63.9	

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	OUTFALL		CAPE ARMITAGE		OUTFALL	
ID:	30'		60'		30'	
LABSAMNO:	J2049		J2056		J2057	
UNIT:	ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	11/30/90		12/14/90		12/13/91	
RECEIPT DATE:						
QCBATCH:	M608		M608		M608	
EXTRACTION DATE:						
METHOD:	GCFID		GCFID		GCFID	
ANALYSIS DATE:						
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	02/28/93		02/28/93		02/28/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/20/93		03/20/93		03/20/93	
MATRIX:	SEDIMENT		SEDIMENT		SEDIMENT	
SUBMAT:						
SAMPLWT:						
WETWT:	13.21		16.96		16.25	
DRYWT:	10.09		10.39		10.43	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:						
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
NAPHTHALENE	31.25		3.08		19.36	
C1-NAPHTHALENES	81.97		8.17		76.40	
C2-NAPHTHALENES	107.52		17.22		82.63	
C3-NAPHTHALENES	75.42		21.13		45.90	
C4-NAPHTHALENES	42.83		17.38		61.00	
BIPHENYL	9.88		1.35		6.65	
ACENAPHTHYLENE	1.24		0.47	J	0.89	J
ACENAPHTHENE	1.25		0.58	J	1.24	
FLUORENE	3.95		1.43		2.77	
C1-FLUORENES	9.04		5.01		6.42	
C2-FLUORENES	25.57		18.50		23.15	
C3-FLUORENES	43.01		30.71		43.94	
PHENANTHRENE	19.58		5.74		11.12	
ANTHRACENE	3.38		0.83	J	4.90	
C1-PHEN_ANTHR	16.83		8.60		12.45	
C2-PHEN_ANTHR	32.66		11.74		28.55	
C3-PHEN_ANTHR	104.17		15.40		45.75	
C4-PHEN_ANTHR	51.03		6.99		37.56	
DIBENZOTHIO	2.23		0.97	J	1.25	
C1-DIBEN	6.87		3.52		5.84	
C2-DIBEN	26.42		6.94		18.55	
C3-DIBEN	45.56		9.05		34.26	
FLUORANTHENE	12.29		2.71		12.31	
PYRENE	20.55		8.23		20.22	
C1-FLUORAN_PYR	13.85		2.08		12.49	
BENaANTHRACENE	4.32		0.50	J	5.69	
CHRYSENE	9.03		0.48	J	10.46	
C1-CHRYSENES	7.04		0.84	J	8.46	

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	OUTFALL		CAPE ARMITAGE		OUTFALL	
ID:	30'		60'		30'	
LABSAMNO:	J2049		J2056		J2057	
UNIT:	ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-CHRYSENES	11.57		1.50	J	10.78	
C3-CHRYSENES	5.46		1.16	J	5.51	
C4-CHRYSENES	1.15		1.29	J	1.92	J
BENbFLUORAN	3.77		0.46	J	3.94	
BENkFLUORAN	3.77		0.46	J	3.94	
BENePYRENE	4.00		0.48	J	3.46	
BENaPYRENE	2.40		0.38	J	2.73	
PERYLENE	2.38		0.28	J	1.92	
I123cdPYRENE	1.78		0.39	J	1.61	
DBahANTHRA	0.36	J	0.08	J	0.42	J
BghiPERYLENE	2.69		0.60	J	2.67	
TOTAL PAH's (W/O PERYLENE)	845.7		216.5		677.2	
2-METHYLNAPH	54.80		5.15		51.49	
1-METHYLNAPH	27.17		3.02		24.91	
2,6-DIMETHNAPH	56.67		8.38		43.14	
2,3,5-TRIMETHNAPH	11.12		3.15		10.76	
1-METHYLPHEN	3.87		1.75		3.13	
Surrogate Recoveries						
NAPHD8:	82.3		84.2		76.9	
ACEND10:	84.8		82.3		86.6	
PHEND10:	84.6		81.1		87.2	
CHRYD12:	62.7		82.2		70.1	
PERYD12:	70.9		82.1		84.5	

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	OUTFALL		WQB		WQB		PD-9-92 -15-	
ID:	60'		30'		60'		0	
LABSAMNO:	J2058		J2062		J2063		J1942	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	12/12/91		12/11/91		12/11/91			
RECEIPT DATE:								
QCBATCH:	M609		M609		M609		JP042	
EXTRACTION DATE:							08/01/92	
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/02/93		03/02/93		03/02/93		08/18/92	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/12/93		03/12/93		03/12/93		08/02/93	
MATRIX:	SEDIMENT		SEDIMENT		SEDIMENT		SED	
SUBMAT:								
SAMPLWT:								
WETWT:	17.11		24.43		13.59		26.7	
DRYWT:	10.14		10.21		10.24		10.35	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	47.24		98.86		13.88		1.59	
C1-NAPHTHALENES	134.51		390.79		39.98		3.90	
C2-NAPHTHALENES	122.27		547.45		68.24		6.99	
C3-NAPHTHALENES	99.55		548.15		116.03		8.67	
C4-NAPHTHALENES	86.96		298.46		102.03		10.69	
BIPHENYL	21.30		44.27		7.15		1.07	
ACENAPHTHYLENE	3.65		4.83		0.62	J	0.15	J
ACENAPHTHENE	2.41		13.46		1.14		0.22	J
FLUORENE	7.10		18.73		2.80		0.83	J
C1-FLUORENES	12.47		29.92		8.78		2.38	
C2-FLUORENES	35.72		63.50		24.00		5.45	
C3-FLUORENES	61.11		89.57		33.14		5.36	
PHENANTHRENE	28.79		94.28		12.33		1.88	
ANTHRACENE	9.64		18.57		2.62		0.20	
C1-PHEN_ANTHR	28.80		60.58		14.65		4.41	
C2-PHEN_ANTHR	48.59		91.75		29.80		6.88	
C3-PHEN_ANTHR	105.06		130.14		39.12		4.35	
C4-PHEN_ANTHR	74.50		101.65		28.30		2.29	
DIBENZOTHIO	5.61		10.38		2.50		0.56	
C1-DIBEN	16.23		28.55		9.49		2.41	
C2-DIBEN	48.57		81.94		28.28		5.10	
C3-DIBEN	92.36		126.44		44.63		5.13	
FLUORANTHENE	18.09		85.54		9.31		0.44	J
PYRENE	28.44		89.66		11.92		1.22	
C1-FLUORAN_PYR	26.93		21.29		7.67		0.97	J
BENaANTHRACENE	14.09		37.10		2.08		0.44	J
CHRYSENE	21.41		48.76		3.26		0.49	J
C1-CHRYSENES	43.66		45.57		4.42		0.56	J

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	OUTFALL		WQB		WQB		PD-9-92 -15-	
ID:	60'		30'		60'		0	
LABSAMNO:	J2058		J2062		J2063		J1942	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-CHRYSENES	60.53		45.52		7.07		0.00	ND
C3-CHRYSENES	6.90		6.45		1.35	J	0.00	ND
C4-CHRYSENES	2.45		5.02		1.41	J	0.00	ND
BENbFLUORAN	9.40		20.96		1.45		0.49	J
BENkFLUORAN	9.40		20.96		1.44		0.12	J
BENePYRENE	17.02		16.95		1.91		0.32	J
BENaPYRENE	11.59		19.66		1.14		0.34	J
PERYLENE	4.17		5.98		0.49	J	1.29	
I123cdPYRENE	6.25		13.72		1.06		0.19	J
DBahANTHRA	1.98		2.74		0.31	J	0.05	J
BghiPERYLENE	13.34		14.90		1.62		0.38	J
TOTAL PAH's (W/O PERYLENE)	1383.9		3387.1		686.9		86.5	
2-METHYLNAPH	101.45		255.37		28.49		2.30	
1-METHYLNAPH	33.06		135.42		11.49		1.60	
2,6-DIMETHNAPH	76.11		303.53		32.12		2.50	
2,3,5-TRIMETHNAPH	18.95		81.51		16.33		2.45	
1-METHYLPHEN	6.76		11.44		3.99		1.28	
Surrogate Recoveries								
NAPHD8:	80.6		84.9		66.4		74.5	
ACEND10:	79.2		87.2		72.5		82.6	
PHEND10:	85.7		83.1		71.5		105.0	
CHRYD12:	36.0		40.0		61.9		103.6	
PERYD12:	67.2		85.7		63.7		50.5	

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	PD-21-92 -23-		PD-31-92 -4-	
ID:	0		0	
LABSAMNO:	J1949		J1956	
UNIT:	ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP	
COLLECTION DATE:				
RECEIPT DATE:				
QCBATCH:	JP042		JP045	
EXTRACTION DATE:	08/01/92		09/01/92	
METHOD:	GCFID		GCFID	
ANALYSIS DATE:				
METHOD:	GCMS		GCMS	
ANALYSIS DATE:	08/18/92		09/24/92	
METHOD:	GCECD		GCECD	
ANALYSIS DATE:	08/02/93		08/02/93	
MATRIX:	SED		SED	
SUBMAT:				
SAMPLWT:				
WETWT:	17.9		15.2	
DRYWT:	10.14		10.11	
WTUNITS:	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:				
VOL:				
VOLUNITS:	LITERS		LITERS	
NAPHTHALENE	1.23		1.14	
C1-NAPHTHALENES	3.41		1.87	
C2-NAPHTHALENES	6.31		3.14	
C3-NAPHTHALENES	10.43		6.18	
C4-NAPHTHALENES	16.57		6.30	
BIPHENYL	0.92	J	0.51	J
ACENAPHTHYLENE	0.09	J	0.06	J
ACENAPHTHENE	0.22	J	0.31	J
FLUORENE	0.97	J	0.42	J
C1-FLUORENES	3.33		1.59	
C2-FLUORENES	11.73		5.69	
C3-FLUORENES	15.48		10.94	
PHENANTHRENE	2.53		1.82	
ANTHRACENE	0.26	J	0.25	J
C1-PHEN_ANTHR	8.34		6.87	
C2-PHEN_ANTHR	12.51		14.67	
C3-PHEN_ANTHR	7.37		11.28	
C4-PHEN_ANTHR	4.31		4.24	
DIBENZOTHIO	0.82	J	0.59	J
C1-DIBEN	4.77		5.08	
C2-DIBEN	11.72		16.76	
C3-DIBEN	8.58		17.68	
FLUORANTHENE	0.46	J	1.42	
PYRENE	2.13		3.90	
C1-FLUORAN_PYR	1.00		1.56	
BENaANTHRACENE	0.17	J	0.50	J
CHRYSENE	0.23	J	0.48	J
C1-CHRYSENES	0.30	J	0.63	J

Antarctic McMurdo's Sediments Aromatic Hydrocarbon Data

INVEST#:	PD-21-92 -23-		PD-31-92 -4-	
ID:	0		0	
LABSAMNO:	J1949		J1956	
UNIT:	ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL
C2-CHRYSENES	0.00	ND	0.90	J
C3-CHRYSENES	0.00	ND	0.00	ND
C4-CHRYSENES	0.00	ND	0.00	ND
BENbFLUORAN	0.09	J	0.45	J
BENkFLUORAN	0.02	J	0.21	J
BENePYRENE	0.08	J	0.30	J
BENaPYRENE	0.06	J	0.27	J
PERYLENE	1.08		1.92	
I123cdPYRENE	0.02	J	0.27	J
DBahANTHRA	0.02	J	0.05	J
BghiPERYLENE	0.10	J	0.32	J
TOTAL PAH's (W/O PERYLENE)	136.6		128.7	
2-METHYLNAPH	2.06		1.17	
1-METHYLNAPH	1.35		0.70	J
2,6-DIMETHNAPH	2.72		0.99	J
2,3,5-TRIMETHNAPH	2.91		1.27	
1-METHYLPHEN	1.96		1.91	
Surrogate Recoveries				
NAPHD8:	76.8		80.6	
ACEND10:	89.1		108.1	
PHEND10:	120.0		133.6	Q
CHRYD12:	116.2		118.8	
PERYD12:	70.2		87.0	

McMurdo Sediment Pesticides and PCB Data

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	BERNACCHI BAY		BAY OF SAILS		WQB	
ID:	100'		100'		60'	
LABSAMNO:	J2034		J2037		J2042	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	01/09/91		12/21/90		12/10/90	
RECEIPT DATE:						
QCBATCH:	M607		M607		M607	
EXTRACTION DATE:						
METHOD:	GCFID		GCFID		GCFID	
ANALYSIS DATE:						
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	02/26/93		02/26/93		02/27/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	04/23/93		04/23/93		04/23/93	
MATRIX:	SEDIMENT		SEDIMENT		SEDIMENT	
SUBMAT:						
SAMPLWT:						
WETWT:	16.48574323		15.83281541		17.56637946	
DRYWT:	11.39		10.19		9.99	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:						
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.16	J	0.00	ND	0.68	J
TOTAL CHLORDANES	0.09	J	0.02	J	3.22	
TOTAL DDT'S	0.03	J	0.00	J	5.71	
TOTAL PCB'S	0.7	J	0.7	J	484.9	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.01	J	0.02	J	0.52	J
BETA-BHC	0.00	ND	0.00	ND	0.11	J
GAMMA-BHC	0.16	J	0.00	ND	0.57	J
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.06	ND
GAMMA-CHLORDANE	0.06	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.03	J	0.02	J	0.25	J
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.05	J
CIS-NONACHLOR	0.00	ND	0.00	ND	2.86	
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.00	ND
ENDRIN	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.01	J	0.00	ND	0.00	ND
2,4'DDD (O,P'DDD)	0.01	J	0.00	ND	0.53	J
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	1.47	
2,4'DDT (O,P'DDT)	0.00	ND	0.00	ND	3.03	
4,4'DDT (P,P'DDT)	0.00	ND	0.00	ND	0.68	ND

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	BERNACCHI BAY		BAY OF SAILS		WQB	
ID:	100'		100'		60'	
LABSAMNO:	J2034		J2037		J2042	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
PCB # (CLORINATION)						
8 (CL2)	0.12	J	0.13	J	0.39	J
18 (CL3)	0.06	J	0.05	J	0.54	J
28 (CL3)	0.00	ND	0.09	J	2.67	
44 (CL4)	0.07	J	0.06	J	1.89	
52 (CL4)	0.04	J	0.05	J	4.92	
66 (CL4)	0.00	ND	0.00	ND	26.68	
101 (CL5)	0.00	ND	0.00	ND	17.48	
105 (CL5)	0.00	ND	0.00	ND	12.84	
110/77 (CL5/4)	0.00	ND	0.00	ND	0.00	ND
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	8.15	
128 (CL6)	0.00	ND	0.00	ND	5.40	
138 (CL6)	0.16		0.09	J	68.54	
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	64.34	
170 (CL7)	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	0.00	ND	0.00	ND	74.80	
187/182/159(CL7/7/6)	0.00	ND	0.00	ND	42.02	
195 (CL8)	0.00	ND	0.00	ND	7.14	
206 (CL9)	0.00	ND	0.00	ND	4.01	
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	81.1		76.9		47.3	
PCB#103%:	88.3		80.4		52.8	
PCB#198%:	102.8		90.5		56.2	
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.04	J	0.05	J	1.06	
24 (CL3)	0.00	ND	0.00	ND	0.00	ND
16/32 (CL3)	0.11	J	0.00	ND	0.95	J
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.22	J
25 (CL3)	0.01	J	0.01	J	0.14	J
50 (CL4)	0.00	ND	0.00	ND	1.30	
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.34	J
22 (CL3)	0.00	ND	0.00	ND	0.27	J
45 (CL4)	0.00	ND	0.02	J	0.24	J
46 (CL4)	0.00	ND	0.00	ND	0.11	J
49 (CL4)	0.08	J	0.09	J	1.20	
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.05	J	0.04	J	1.13	
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.39	J
100 (CL5)	0.00	ND	0.00	ND	0.00	ND

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	BERNACCHI BAY		BAY OF SAILS		WQB	
ID:	100'		100'		60'	
LABSAMNO:	J2034		J2037		J2042	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
74 (CL4)	0.00	ND	0.00	ND	0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND	0.00	ND	2.06	
88 (CL5)	0.00	ND	0.00	ND	1.59	
60/56 (CL5)	0.00	ND	0.00	ND	0.88	J
92? (CL5)	0.00	ND	0.00	ND	2.76	
84? (CL5)	0.00	ND	0.00	ND	3.89	
99 (CL5)	0.00	ND	0.01	J	2.98	
83 (CL5)	0.00	ND	0.00	ND	0.61	J
97 (CL5)	0.00	ND	0.00	ND	2.58	
87 (CL5)	0.00	ND	0.00	ND	5.14	
85 (CL5)	0.00	ND	0.00	ND	1.05	
136 (CL6)	0.00	ND	0.00	ND	12.29	
82 (CL5)	0.00	ND	0.00	ND	1.12	
151 (CL6)	0.00	ND	0.00	ND	27.29	
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.00	ND	0.00	ND	56.34	
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	10.54	
141 (CL6)	0.00	ND	0.00	ND	0.00	ND
137 (CL6)	0.00	ND	0.00	ND	36.12	
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	7.12	
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	8.92	
183 (CL7)	0.00	ND	0.00	ND	20.68	
167 (CL6)	0.00	ND	0.00	ND	1.61	
185 (CL7)	0.00	ND	0.00	ND	5.56	
174 (CL7)	0.00	ND	0.00	ND	33.67	
177 (CL7)	0.00	ND	0.00	ND	20.27	
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND
200 (CL8)	0.00	ND	0.00	ND	2.89	
172 (CL7)	0.00	ND	0.00	ND	6.63	
191 (CL7)	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	0.00	ND	16.95	
196 (CL8)	0.00	ND	0.00	ND	18.68	
189 (CL7)	0.00	ND	0.00	ND	1.21	
194 (CL8)	0.00	ND	0.00	ND	15.63	
205 (CL9)	0.00	ND	0.00	ND	1.00	

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	OUTFALL		CAPE ARMITAGE		OUTFALL	
ID:	30'		60'		30'	
LABSAMNO:	J2049		J2056		J2057	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	11/30/90		12/14/90		12/13/91	
RECEIPT DATE:						
QCBATCH:	M608		M608		M608	
EXTRACTION DATE:						
METHOD:	GCFID		GCFID		GCFID	
ANALYSIS DATE:						
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	02/28/93		02/28/93		02/28/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/20/93		03/20/93		03/20/93	
MATRIX:	SEDIMENT		SEDIMENT		SEDIMENT	
SUBMAT:						
SAMPLWT:						
WETWT:	13.21026447		16.96326531		16.24610592	
DRYWT:	10.09		10.39		10.43	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:						
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.47	J	1.18	J	0.03	J
TOTAL CHLORDANES	14.62		0.39	J	0.85	J
TOTAL DDT'S	16.64		0.48	J	3.19	J
TOTAL PCB'S	574.8		54.4		96.0	
ALPHA-BHC	0.00	ND	0.34	J	0.00	ND
HCB	0.51	J	0.13	J	0.33	J
BETA-BHC	0.04	J	0.00	ND	0.03	J
GAMMA-BHC	0.42	J	0.65	J	0.00	ND
DELTA-BHC	0.00	ND	0.20	J	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.56	J	0.00	ND	0.09	J
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.10	J
ALPHA-CHLORDANE	0.00	ND	0.05	J	0.06	J
TRANS-NONACHLOR	0.00	ND	0.02	J	0.05	J
CIS-NONACHLOR	14.07		0.33	J	0.54	J
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.21	J
ENDRIN	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.00	ND	0.00	ND	0.81	J
2,4'DDD (O,P'DDD)	0.00	ND	0.03	J	0.19	J
4,4'DDD (P,P'DDD)	1.39		0.09	J	0.80	J
2,4'DDT (O,P'DDT)	14.81		0.36	J	0.72	J
4,4'DDT (P,P'DDT)	0.44	ND	0.00	ND	0.67	J

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	OUTFALL		CAPE ARMITAGE		OUTFALL	
ID:	30'		60'		30'	
LABSAMNO:	J2049		J2056		J2057	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
PCB # (CLORINATION)						
8 (CL2)	0.95	J	0.08	J	0.09	J
18 (CL3)	2.29		0.46	J	0.14	J
28 (CL3)	6.06		0.21	J	1.21	
44 (CL4)	6.93		0.14	J	0.44	J
52 (CL4)	17.36		0.23	J	1.27	
66 (CL4)	6.75		0.11	J	0.39	J
101 (CL5)	19.50	D	1.56		4.42	
105 (CL5)	2.90	D	2.15		3.41	
110/77 (CL5/4)	12.80	D	1.19		3.53	
118/108/149(CL5/5/6)	39.44		0.81	J	1.94	
128 (CL6)	33.26		0.54	J	0.86	J
138 (CL6)	40.20	D	8.40		13.36	
126 (CL5)		NA		NA		NA
153 (CL6)	44.00	D	8.39		13.22	
170 (CL7)	0.00	ND	3.78		29.55	
180 (CL7)	28.50	D	8.94		13.07	
187/182/159(CL7/7/6)	17.70	D	4.90		6.66	
195 (CL8)	3.40	D	1.03		1.48	
206 (CL9)	21.93		0.46	J	1.19	
209 (CL10)	0.99	J	0.02	J	0.00	ND
Surrogate Recoveries						
DBOFB%:	41.3		43.5		32.8	
PCB#103%:	61.8		58.7		49.8	
PCB#198%:	97.6		61.3		48.5	
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	2.47		0.12	J	0.12	J
24 (CL3)	0.12	J	0.00	ND	0.00	ND
16/32 (CL3)	2.14		0.00	ND	0.14	J
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.68	J	0.00	ND	0.00	ND
25 (CL3)	0.40	J	0.00	ND	0.05	J
50 (CL4)	3.41		0.00	ND	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	2.70		0.03	J	0.15	J
22 (CL3)	1.95		0.02	J	0.06	J
45 (CL4)	0.99	J	0.00	ND	0.07	J
46 (CL4)	0.43	J	0.00	ND	0.11	J
49 (CL4)	4.51		0.10	J	0.25	J
47/48 (CL4)	1.69		0.00	ND	0.00	ND
37/42 (CL4)	4.32		0.11	J	0.18	J
41/64 (CL4)	5.08		0.04	J	0.28	J
40 (CL4)	1.14		0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	OUTFALL		CAPE ARMITAGE		OUTFALL	
ID:	30'		60'		30'	
LABSAMNO:	J2049		J2056		J2057	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
74 (CL4)	6.00		0.16	J	0.21	J
PCB #(CHLORINATION)						
70 (CL4)	13.61		0.15	J	0.69	J
88 (CL5)	1.67		0.08	J	0.23	J
60/56 (CL5)	12.79		0.00	ND	0.30	J
92? (CL5)	20.80		0.21	J	0.77	J
84? (CL5)	9.04		0.18	J	0.51	J
99 (CL5)	5.32		0.30	J	0.62	J
83 (CL5)	1.15		0.04	J	0.09	J
97 (CL5)	7.96		0.22	J	0.62	J
87 (CL5)	33.08		0.45	J	1.28	
85 (CL5)	3.30		0.08	J	0.22	J
136 (CL6)	4.10	D	0.78	J	1.70	
82 (CL5)	3.13		0.06	J	0.20	J
151 (CL6)	16.40	D	2.20		4.10	
107/108/144(CL5/5/6)	18.60	D	1.58		3.13	
149 (CL6)	26.40	D	5.57		9.60	
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	6.20	D	1.05		2.00	
141 (CL6)	29.80	D	2.23		4.21	
137 (CL6)	0.95	J	0.04	J	0.10	J
UNK (CL6)	10.91		0.11	J	0.25	J
158 (CL7)	3.10	D	0.75	J	1.25	
129 (CL6)	0.00	ND	0.11	J	0.28	J
178 (CL7)	3.80	D	1.04		1.60	
183 (CL7)	10.50	D	2.36		3.29	
167 (CL6)	9.77		0.18	J	0.31	J
185 (CL7)	3.60	D	0.70	J	1.09	
174 (CL7)	14.60	D	4.29		6.01	
177 (CL7)	8.90	D	2.66		3.58	
156/171/202(CL6/7/8)	2.30	D	2.10		2.30	
200 (CL8)	14.03		0.37	J	0.44	J
172 (CL7)	3.90	D	0.89	J	1.29	
191 (CL7)	9.89		0.27	J	0.60	J
201 (CL8)	8.10	D	2.03		3.15	
196 (CL8)	9.50	D	2.41		3.62	
189 (CL7)	7.94		0.20	J	0.31	J
194 (CL8)	7.10	D	2.11		3.28	
205 (CL9)	6.03		0.19	J	0.31	J

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	OUTFALL		WQB		WQB	
ID:	60'		30'		60'	
LABSAMNO:	J2058		J2062		J2063	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:	12/12/91		12/11/91		12/11/91	
RECEIPT DATE:						
QCBATCH:	M609		M609		M609	
EXTRACTION DATE:						
METHOD:	GCFID		GCFID		GCFID	
ANALYSIS DATE:						
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/02/93		03/02/93		03/02/93	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/12/93		03/12/93		03/12/93	
MATRIX:	SEDIMENT		SEDIMENT		SEDIMENT	
SUBMAT:						
SAMPLWT:						
WETWT:	17.11103611		24.42583732		13.58630755	
DRYWT:	10.14		10.21		10.24	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:						
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.26	J	0.13	J	0.00	ND
TOTAL CHLORDANES	5.04		1.44		0.28	J
TOTAL DDT'S	7.25		3.98		0.80	J
TOTAL PCB'S	685.6		414.6		103.6	
ALPHA-BHC	0.22	J	0.01	J	0.00	ND
HCB	4.68	D	0.67	J	0.03	J
BETA-BHC	0.00	ND	0.01	J	0.00	ND
GAMMA-BHC	0.04	J	0.11	J	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.01	J	0.00	ND
OXYCHLORDANE	0.16	J	0.03	J	0.02	J
GAMMA-CHLORDANE	0.00	ND	0.15	J	0.01	J
ALPHA-CHLORDANE	0.00	ND	0.05	J	0.01	J
TRANS-NONACHLOR	0.02	J	0.05	J	0.00	ND
CIS-NONACHLOR	4.86		1.15		0.25	J
ALDRIN	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.02	J	0.26	J	0.06	J
ENDRIN	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.01	J
4,4'DDE (P,P'DDE)	0.85	J	0.75	J	0.14	J
2,4'DDD (O,P'DDD)	0.24	J	0.17	J	0.05	J
4,4'DDD (P,P'DDD)	2.62		1.19		0.38	J
2,4'DDT (O,P'DDT)	3.19		0.99	J	0.19	J
4,4'DDT (P,P'DDT)	0.34	J	0.88	J	0.01	J

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	OUTFALL		WQB		WQB	
ID:	60'		30'		60'	
LABSAMNO:	J2058		J2062		J2063	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
PCB # (CLORINATION)						
8 (CL2)	2.82		0.45	J	0.27	J
18 (CL3)	6.30		1.31		0.64	J
28 (CL3)	3.50		1.87		0.70	J
44 (CL4)	4.15		3.78		1.23	
52 (CL4)	10.83		11.88		3.22	
66 (CL4)	3.56		0.93	J	0.34	J
101 (CL5)	80.00		22.59		6.42	
105 (CL5)	3.03		1.42		1.11	
110/77 (CL5/4)	60.10		25.60		10.06	
118/108/149(CL5/5/6)	17.55		6.41		3.02	
128 (CL6)	15.03		3.61		1.14	
138 (CL6)	19.40	D	54.27		12.31	
126 (CL5)		NA		NA		NA
153 (CL6)	24.30	D	6.50	D	16.43	
170 (CL7)	9.50	D	22.06		4.59	
180 (CL7)	17.00	D	46.06		9.76	
187/182/159(CL7/7/6)	8.50	D	32.88		5.93	
195 (CL8)	28.02		3.69		0.77	J
206 (CL9)	12.02		1.55		0.32	J
209 (CL10)	0.50	J	0.33	J	0.00	ND
Surrogate Recoveries						
DBOFB%:	68.0		65.8		68.1	
PCB#103%:	50.0		57.3		80.7	
PCB#198%:	43.9		31.1		58.9	
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	2.54		1.24		0.47	J
24 (CL3)	0.04	J	0.22	J	0.03	J
16/32 (CL3)	1.25		0.36	J	0.24	J
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.35	J	0.13	J	0.07	J
25 (CL3)	1.01		0.33	J	0.11	J
50 (CL4)	4.23		0.62	J	0.11	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	1.83		1.00		0.43	J
22 (CL3)	1.37		0.69	J	0.34	J
45 (CL4)	0.37	J	0.25	J	0.08	J
46 (CL4)	0.12	J	0.09	J	0.00	ND
49 (CL4)	4.63		2.14		1.04	
47/48 (CL4)	1.56		0.79	J	0.20	J
37/42 (CL4)	7.73		1.95		0.72	J
41/64 (CL4)	0.00	ND	1.80		0.68	J
40 (CL4)	1.72		0.68	J	0.20	J
100 (CL5)	0.00	ND	0.00	ND	0.00	ND

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	OUTFALL		WQB		WQB	
ID:	60'		30'		60'	
LABSAMNO:	J2058		J2062		J2063	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
74 (CL4)	4.39		1.41		0.85	J
PCB #(CHLORINATION)						
70 (CL4)	9.85		4.72		2.59	
88 (CL5)	2.15		1.25		0.46	J
60/56 (CL5)	9.88		3.60		1.74	
92? (CL5)	11.38		3.42		1.02	
84? (CL5)	6.47		3.46		1.25	
99 (CL5)	6.75		3.29		1.53	
83 (CL5)	0.96		0.58	J	0.21	J
97 (CL5)	8.41		3.20		1.41	
87 (CL5)	21.18		9.02		3.75	
85 (CL5)	3.23		1.52		0.77	J
136 (CL6)	30.14		6.58		1.13	
82 (CL5)	2.89		2.09		0.64	J
151 (CL6)	4.40	D	23.97		3.96	
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	9.40	D	49.04		8.59	
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	43.42		9.21		1.71	
141 (CL6)	16.74	D	39.84		7.07	
137 (CL6)	1.06		0.39	J	0.21	J
UNK (CL6)	7.10		1.64		0.40	J
158 (CL7)	20.05		3.75		0.91	J
129 (CL6)	4.89		1.08		0.30	J
178 (CL7)	24.29		4.43		0.77	J
183 (CL7)	4.40	D	12.11		2.22	
167 (CL6)	6.87		1.22		0.30	J
185 (CL7)	22.01		3.76		0.69	J
174 (CL7)	7.00	D	19.47		3.54	
177 (CL7)	10.66	D	9.99		1.87	
156/171/202(CL6/7/8)	76.86		11.79		1.84	
200 (CL8)	7.71		1.10		0.16	J
172 (CL7)	22.74		3.47		0.72	J
191 (CL7)	4.47		0.62		0.11	J
201 (CL8)	3.80	D	8.81		1.75	
196 (CL8)	4.80	D	10.21		2.12	
189 (CL7)	3.38		0.41	J	0.08	J
194 (CL8)	4.00	D	7.48		1.70	
205 (CL9)	2.82		0.27	J	0.06	J

Antarctic McMurdo's Sediment Pesticide and PCB Data

INVEST#:	PD-9-92 -15-		PD-21-92 -23-		PD-31-92 -4-	
ID:						
LABSAMNO:	J1942		J1949		J1956	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP	
COLLECTION DATE:						
RECEIPT DATE:						
QCBATCH:	JP042		JP042		JP045	
EXTRACTION DATE:	08/01/92		08/01/92		09/01/92	
METHOD:	GCFID		GCFID		GCFID	
ANALYSIS DATE:						
METHOD:	GCMS		GCMS		GCMS	
ANALYSIS DATE:	08/18/92		08/18/92		09/24/92	
METHOD:	GCECD		GCECD		GCECD	
ANALYSIS DATE:	08/02/93		08/02/93		08/02/93	
MATRIX:	SED		SED		SED	
SUBMAT:						
SAMPLWT:						
WETWT:	26.7		17.9		15.2	
DRYWT:	10.35		10.14		10.11	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:						
VOL:						
VOLUNITS:	LITERS		LITERS		LITERS	
TOTAL BHC'S	0.17	J	0.20	J	0.13	J
TOTAL CHLORDANES	0.10	J	0.07	J	0.06	J
TOTAL DDT'S	0.71	J	0.76	J	0.46	J
TOTAL PCB'S	1.9	J	2.8	J	3.9	J
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND
HCB	0.34	J	0.19	J	0.00	ND
BETA-BHC	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.17	J	0.20	J	0.13	J
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.10	J	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.00	ND
GAMMA-CHLORDANE	0.00	ND	0.07	J	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.00	ND	0.00	ND	0.06	J
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.05	J
DIELDRIN	0.00	ND	0.00	ND	0.00	ND
ENDRIN	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.22	J	0.00	ND	0.00	ND
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	0.00	ND
2,4'DDT (O,P'DDT)	0.00	ND	0.00	ND	0.00	ND
4,4'DDT (P,P'DDT)	0.49	J	0.76	J	0.46	J

INVEST#:	PD-9-92 -15-		PD-21-92 -23-		PD-31-92 -4-	
ID:						
LABSAMNO:	J1942		J1949		J1956	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
PCB # (CLORINATION)						
8 (CL2)	5.57	M	0.00	M	0.17	J
18 (CL3)	0.00	ND	0.01	J	0.01	J
28 (CL3)	0.00	ND	0.00	ND	0.03	J
44 (CL4)	0.00	ND	0.00	ND	0.13	J
52 (CL4)	0.00	ND	0.06	J	0.23	J
66 (CL4)	0.00	ND	0.00	ND	0.00	ND
101 (CL5)	0.16	J	0.00	ND	0.39	J
105 (CL5)	0.00	ND	0.00	ND	0.00	ND
110/77 (CL5/4)	0.00	ND	0.00	ND	0.00	ND
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	0.22	J
128 (CL6)	0.00	ND	0.00	ND	0.04	J
138 (CL6)	0.10	J	0.15	J	0.21	J
126 (CL5)		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	0.23	J
170 (CL7)	1.77	M	0.00	M	0.00	M
180 (CL7)	0.00	ND	0.00	ND	0.08	J
187/182/159(CL7/7/6)	0.00	ND	0.00	ND	0.07	J
195 (CL8)	0.00	ND	0.00	ND	0.00	ND
206 (CL9)	0.00	ND	0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	107.0		125.2		128.1	
PCB#103%:	84.4		99.5		108.7	
PCB#198%:	73.9		116.0		118.7	
PCB #(CHLORINATION)						
7 (CL2)	0.17	J	0.20	J	0.09	J
15 (CL2)	0.00	ND	0.23	J	0.00	ND
24 (CL3)	0.00	ND	0.02	J	0.02	J
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.03	J
25 (CL3)	0.09	J	0.00	ND	0.09	J
50 (CL4)	0.59	J	0.06	J	0.12	J
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.02	J	0.00	ND
46 (CL4)	0.00	ND	0.06	J	0.00	ND
49 (CL4)	0.10	J	0.00	ND	0.15	J
47/48 (CL4)	0.80	J	1.07		0.79	J
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND

INVEST#:	PD-9-92 -15-		PD-21-92 -23-		PD-31-92 -4-	
ID:						
LABSAMNO:	J1942		J1949		J1956	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
74 (CL4)	0.22	J	0.00	ND	0.00	ND
PCB #(CHLORINATION)						
70 (CL4)	0.00	ND	0.00	ND	0.08	J
88 (CL5)	0.00	ND	0.00	ND	0.04	J
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND
92? (CL5)	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.28	J	0.49	J	0.32	J
99 (CL5)	0.00	ND	0.00	ND	0.11	J
83 (CL5)	0.31	J	0.19	J	0.00	ND
97 (CL5)	0.23	J	0.00	ND	0.14	J
87 (CL5)	0.00	ND	0.00	ND	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.00	ND
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND
149 (CL6)	0.00	ND	0.00	ND	0.15	J
188 (CL7)	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.00	ND	0.02	J
137 (CL6)	0.00	ND	0.00	ND	0.00	ND
UNK (CL6)	0.00	ND	0.07	J	0.00	ND
158 (CL7)	0.00	ND	0.05	J	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND
167 (CL6)	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.40	J	0.00	ND	0.01	J
177 (CL7)	0.00	ND	0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND
200 (CL8)	0.05	J	0.00	ND	0.00	ND
172 (CL7)	0.13	J	0.00	ND	0.12	J
191 (CL7)	0.00	ND	0.08	J	0.14	J
201 (CL8)	0.00	ND	0.00	ND	0.00	ND
196 (CL8)	0.00	ND	0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.00	ND	0.09	J	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

McMurdo Sediment Metal Data

Antarctic McMurdo's Sediments Metal Data

INVEST#:	BERNACCHI BAY	BAY OF SAILS	WQB	OUTFALL	CAPE ARMITAGE
ID:	100'	100'	60'	30'	60'
LABSAMNO:	J2034	J2037	J2042	J2049	J2056
SAMPLE TYPE:	SAMP	SAMP	SAMP	SAMP	SAMP
COLLECTION DATE:	01/09/91	12/21/90	12/10/90	11/30/90	12/14/90
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
ADGDAT	03/18/93	03/18/93	11/29/93	11/29/93	11/29/93
HGDGDAT	03/25/93	03/25/93	12/09/93		
OTHDGDAT	04/06/93	04/06/93	NA	NA	NA
Acid Digest Wt:	0.199	0.208	0.209	0.210	0.207
Hg Digest Wt	0.195	0.194	0.192	0.212	0.193
NAA Digest Wt	0.494	0.498	NA	NA	NA
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY
UNIT:	Conc DB QUAL (ppm)	Conc DB QUAL (ppm)	Conc DB QUAL (ppm)	Conc DB QUAL (ppm)	Conc DB QUAL (ppm)
Al	78613	75917	80864	81619	88983
Ag	0.133	0.172	0.628	1.027	0.150
As	5.4	3.2	7.9	11.0	4.8
Cd	0.16	0.10	1.439	1.029	0.405
Cr	166	155	160	154	204
Cu	17.1	14.0	92.6	120.0	22.7
Fe	50128	48046	63225	87134	39999
Hg	0.014 J	0.014 J	0.103	0.165	0.036 J
Mn	922	921	1307	1386	1240
Ni	64.4	55.7	72.7	77.3	106.2
Pb	9.00	9.56	64.9	55.2	11.2
Sb	0.26 J	0.00 ND	5.56	3.27	0.51 J
Se	0.20 J	0.17 J	0.39 J	0.28 J	0.28 J
Sn	1.68	1.73	6.98	25.1	2.16
Zn	79.1	79.8	164.0	171.0	98.0

Antarctic McMurdo's Sediments Metal Data

INVEST#:	OUTFALL	OUTFALL	WQB	WQB
ID:	30'	60'	30'	60'
LABSAMNO:	J2057	J2058	J2062	J2063
SAMPLE TYPE:	SAMP	SAMP	SAMP	SAMP
COLLECTION DATE:	12/13/91	12/12/91	12/11/91	12/11/91
MATRIX:	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
ADGDAT	03/18/93	03/18/93	03/18/93	03/18/93
HGDGDAT	03/25/93	03/25/93	03/25/93	03/25/93
OTHDGDAT	04/06/93	04/06/93	04/06/93	04/06/93
Acid Digest Wt:	0.202	0.195	0.196	0.210
Hg Digest Wt	0.207	0.199	0.192	0.197
NAA Digest Wt	0.502	0.503	0.500	0.506
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY
UNIT:	Conc DB QUAL (ppm)	Conc DB QUAL (ppm)	Conc DB QUAL (ppm)	Conc DB QUAL (ppm)
Al	78512	76750	76216	79013
Ag	0.228	1.27	0.695	0.212
As	4.1	6.2	8.0	3.0
Cd	0.35	1.51	0.94	0.28
Cr	240	185	176	252
Cu	48.1	62.4	102.2	35.1
Fe	70257	73566	71469	81498
Hg	0.117	0.107	0.095	0.031 J
Mn	1398	1400	1241	1411
Ni	84.6	69.0	69.4	71.1
Pb	19.1	38.8	89.6	12.6
Sb	0.81	4.81	7.31	0.90
Se	0.02 J	0.24 J	0.27 J	0.00 ND
Sn	4.50	9.60	12.3	3.00
Zn	124.4	150.2	210.0	123.5

Antarctic McMurdo's Sediments Metal Data

INVEST#:	PD-9-92 -15-	PD-21-92 -23-	PD-31-92 -4-
ID:			
LABSAMNO:	J1942	J1949	J1956
SAMPLE TYPE:	SAMP	SAMP	SAMP
COLLECTION DATE:			
MATRIX:	SED	SED	SED
ADGDAT	03/18/93	03/18/93	03/18/93
HGDGDAT	03/25/93	03/25/93	03/25/93
OTHDGDAT	04/06/93	04/06/93	04/06/93
Acid Digest Wt:	0.195	0.207	0.208
Hg Digest Wt	0.199	0.193	0.196
NAA Digest Wt	0.501	0.489	0.506
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY

UNIT:	Conc (ppm)	DB QUAL	Conc (ppm)	DB QUAL	Conc (ppm)	DB QUAL
Al	71254		73726		77194	
Ag	0.164		0.132		0.139	
As	4.5		4.1		4.7	
Cd	0.10		0.05		0.06	
Cr	38		46		51	
Cu	19.4		16.1		25.5	
Fe	28302		30884		34679	
Hg	0.021	J	0.016	J	0.017	J
Mn	605		608		789	
Ni	15.3		17.1		18.1	
Pb	7.48		7.07		7.92	
Sb	0.53		0.33	J	0.39	
Se	0.43	J	0.27	J	0.27	J
Sn	0.83		0.87		0.93	
Zn	56.9		54.6		63.3	

Palmer Fish Aromatic Hydrocarbon Data

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	03/28/92		03/28/92		03/28/92		04/05/92	
RECEIPT DATE:								
QCBATCH:	M827		M778		M778		M778	
EXTRACTION DATE:	04/26/93							
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	05/24/93		03/03/93		03/03/93		03/03/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	06/02/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:	MUSCLE		LIVER		LIVER		LIVER	
SAMPLWT:								
WETWT:	5.184		0.727		0.517		0.657	
DRYWT:	1.26		0.20		0.14		0.25	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	23.52		53.83	B	85.12	B	70.01	B
C1-NAPHTHALENES	27.63		58.61	B	153.43	B	86.35	B
C2-NAPHTHALENES	14.72	J	0	ND	0	ND	0	ND
C3-NAPHTHALENES	24.69		0	ND	0	ND	0	ND
C4-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND
BIPHENYL	5.63	J	38.32	J	71.52		27.60	J
ACENAPHTHYLENE	0.84	J	6.23	J	10.83	J	27.79	J
ACENAPHTHENE	3.25	J	11.07	J	29.98	J	20.95	J
FLUORENE	3.37	J	9.39	J	15.93	J	25.24	J
C1-FLUORENES	0	ND	0	ND	0	ND	0	ND

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	0	ND	0	ND	0	ND	0	ND
C3-FLUORENES	0	ND	0	ND	0	ND	0	ND
PHENANTHRENE	2.95	J	17.36	J	20.23	J	25.19	J
ANTHRACENE	0.92	J	9.65	J	20.39	J	23.06	J
C1-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C2-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C3-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C4-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
DIBENZOTHIO	1.25	J	6.34	J	12.22	J	17.18	J
C1-DIBEN	0	ND	0	ND	0	ND	0	ND
C2-DIBEN	0	ND	0	ND	0	ND	0	ND
C3-DIBEN	0	ND	0	ND	0	ND	0	ND
FLUORANTHENE	1.82	J	6.56	J	14.66	J	19.50	J
PYRENE	2.20	J	17.33	J	16.68	J	18.10	J
C1-FLUORAN_PYR	0	ND	0	ND	0	ND	0	ND
BENaANTHRACENE	0.58	J	2.15	J	5.25	J	10.26	J
CHRYSENE	0.62	J	2.93	J	11.59	J	15.49	J
C1-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C2-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C3-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C4-CHRYSENES	0	ND	0	ND	0	ND	0	ND
BENbFLUORAN	0.47	J	4.18	J	8.92	J	11.26	J
BENkFLUORAN	0.47	J	2.57	J	6.45	J	9.75	J
BENePYRENE	0.50	J	5.40	J	4.17	J	13.04	J
BENaPYRENE	0.41	J	2.39	J	8.03	J	12.44	J
PERYLENE	0.39	J	4.53	J	9.06	J	16.88	J
I123cdPYRENE	0.26	J	7.60	J	12.09	J	7.97	J
DBahANTHRA	0.37	J	3.96	J	10.21	J	5.66	J
BghiPERYLENE	0.46	J	12.09	J	20.55	J	13.02	J
TOTAL PAH's (W/O PERYLENE)	116.9		278.0		538.3		459.9	
2-METHYLNAPH	17.70		32.77	J	65.99		36.35	J
1-METHYLNAPH	9.93		25.84	J	87.44		48.00	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2,6-DIMETHNAPH	5.96	J	16.57	J	36.09	J	22.66	J
2,3,5-TRIMETHNAPH	5.41	J	12.59	J	21.54	J	18.11	J
1-METHYLPHEN	0.66	J	9.39	J	17.60	J	28.54	J
Surrogate Recoveries								
NAPHD8:	47.6		56.6		41.8		46.7	
ACEND10:	59.2		58.9		44.9		49.2	
PHEND10:	74.6		58.0		49.1		54.9	
CHRYD12:	76.5		55.0		47.3		55.3	
PERYD12:	40.9		60.1		52.3		58.2	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	04/05/92		04/22/92		04/22/92		03/29/92	
RECEIPT DATE:								
QCBATCH:	M827		M778		M827		M778	
EXTRACTION DATE:	04/26/93				04/26/93			
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	05/24/93		03/03/93		05/24/93		03/03/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	06/02/93		03/15/93		06/02/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:	MUSCLE		LIVER		MUSCLE		LIVER	
SAMPLWT:								
WETWT:	5.034		0.514		5.196		0.501	
DRYWT:	1.06		0.17		1.17		0.18	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	15.82		76.65		18.89		120.45	
C1-NAPHTHALENES	12.72		99.16		22.04		204.69	
C2-NAPHTHALENES	0.00	ND	0	ND	0.00	ND	0	ND
C3-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND
C4-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND
BIPHENYL	5.53	J	61.68		5.84	J	54.30	
ACENAPHTHYLENE	0.90	J	18.71	J	0.55	J	5.55	J
ACENAPHTHENE	2.11	J	32.59	J	1.48	J	16.29	J
FLUORENE	1.66	J	9.61	J	2.61	J	17.98	J
C1-FLUORENES	0	ND	0	ND	0	ND	0	ND

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	0	ND	0	ND	0	ND	0	ND
C3-FLUORENES	0	ND	0	ND	0	ND	0	ND
PHENANTHRENE	3.41	J	24.08	J	3.40	J	23.19	J
ANTHRACENE	0.58	J	22.13	J	1.15	J	12.99	J
C1-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C2-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C3-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C4-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
DIBENZOTHIO	1.14	J	21.28	J	1.05	J	9.40	J
C1-DIBEN	0	ND	0	ND	0	ND	0	ND
C2-DIBEN	0	ND	0	ND	0	ND	0	ND
C3-DIBEN	0	ND	0	ND	0	ND	0	ND
FLUORANTHENE	1.69	J	6.17	J	1.11	J	12.51	J
PYRENE	2.12	J	25.64	J	1.67	J	9.94	J
C1-FLUORAN_PYR	0	ND	0	ND	0	ND	0	ND
BENaANTHRACENE	0.58	J	3.56	J	0.54	J	2.98	J
CHRYSENE	0.57	J	4.98	J	0.52	J	8.04	J
C1-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C2-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C3-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C4-CHRYSENES	0	ND	0	ND	0	ND	0	ND
BENbFLUORAN	0.52	J	4.72	J	0.45	J	4.78	J
BENkFLUORAN	0.52	J	3.27	J	0.45	J	4.78	J
BENePYRENE	0.78	J	6.27	J	0.55	J	1.61	J
BENaPYRENE	0.67	J	5.17	J	0.45	J	21.18	J
PERYLENE	0.21	J	8.81	J	0.46	J	2.11	J
I123cdPYRENE	0.34	J	10.87	J	0.39	J	8.39	J
DBahANTHRA	0.48	J	8.57	J	0.27	J	4.56	J
BghiPERYLENE	0.61	J	12.51	J	0.16	J	12.20	J
TOTAL PAH's (W/O PERYLENE)	52.8		457.6		63.6		555.8	
2-METHYLNAPH	8.21	J	49.32	J	12.77		129.62	
1-METHYLNAPH	4.51	J	49.84	J	9.27	J	75.07	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2,6-DIMETHNAPH	3.22	J	39.37	J	5.23	J	29.35	J
2,3,5-TRIMETHNAPH	1.71	J	19.81	J	1.70	J	13.82	J
1-METHYLPHEN	0.75	J	9.77	J	0.47	J	7.75	J
Surrogate Recoveries								
NAPHD8:	57.3		52.7		47.1		45.0	
ACEND10:	60.4		54.5		59.1		48.2	
PHEND10:	71.6		57.6		72.4		52.9	
CHRYD12:	68.9		56.3		72.3		53.6	
PERYD12:	49.0		48.9		45.7		51.2	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS	
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	J2021		Q4609		Q4610		Q4611	
UNIT:	ng/g		ng/g		ng/g		%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS	
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	J2021		Q4609		Q4610		Q4611	
SAMPLE TYPE:	SAMP		DUPE OF J2013		PROC BLANK		MS OF J2013	
COLLECTION DATE:	03/29/92		03/28/92				03/28/92	
RECEIPT DATE:								
QCBATCH:	M827		M778		M778		M778	
EXTRACTION DATE:	04/26/93							
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	05/24/93		03/03/93		03/03/93		03/03/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	06/02/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:	MUSCLE		MUSCLE				MUSCLE	
SAMPLWT:								
WETWT:	5.044		0.668				0.551	
DRYWT:	1.28		0.18		10.00		0.13	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	21.05		69.00		1.95		82.30	
C1-NAPHTHALENES	31.23		116.02		1.91			NA
C2-NAPHTHALENES	14.56	J	0	ND	0	ND		NA
C3-NAPHTHALENES	0	ND	0	ND	0	ND		NA
C4-NAPHTHALENES	0	ND	0	ND	0	ND		NA
BIPHENYL	0.00	ND	55.73		0.68	J	75.3	
ACENAPHTHYLENE	0.44	J	26.61	J	0.60	J	92.0	
ACENAPHTHENE	0.94	J	23.07	J	0.79	J	86.1	
FLUORENE	2.06	J	24.57	J	0.42	J	83.6	
C1-FLUORENES	0	ND	0	ND	0	ND		NA

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS	
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	J2021		Q4609		Q4610		Q4611	
UNIT:	ng/g		ng/g		ng/g		%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
C2-FLUORENES	0	ND	0	ND	0	ND		NA
C3-FLUORENES	0	ND	0	ND	0	ND		NA
PHENANTHRENE	2.93	J	29.21	J	0.60	J	81.7	
ANTHRACENE	0.68	J	17.94	J	0.43	J	71.2	
C1-PHEN_ANTHR	0	ND	0	ND	0	ND		NA
C2-PHEN_ANTHR	0	ND	0	ND	0	ND		NA
C3-PHEN_ANTHR	0	ND	0	ND	0	ND		NA
C4-PHEN_ANTHR	0	ND	0	ND	0	ND		NA
DIBENZOTHIO	0.79	J	23.41	J	0.36	J	60.9	
C1-DIBEN	0	ND	0	ND	0	ND		NA
C2-DIBEN	0	ND	0	ND	0	ND		NA
C3-DIBEN	0	ND	0	ND	0	ND		NA
FLUORANTHENE	2.07	J	26.46	J	0.33	J	95.5	
PYRENE	2.04	J	22.79	J	0.57	J	96.9	
C1-FLUORAN_PYR	0	ND	0	ND	0	ND		NA
BENaANTHRACENE	0.81	J	9.59	J	0.17	J	90.8	
CHRYSENE	1.06	J	14.78	J	0.23	J	96.5	
C1-CHRYSENES	0	ND	0	ND	0	ND		NA
C2-CHRYSENES	0	ND	0	ND	0	ND		NA
C3-CHRYSENES	0	ND	0	ND	0	ND		NA
C4-CHRYSENES	0	ND	0	ND	0	ND		NA
BENbFLUORAN	0.42	J	13.93	J	0.22	J	104.8	
BENkFLUORAN	0.42	J	13.93	J	0.20	J	104.8	
BENePYRENE	0.52	J	15.46	J	0.27	J	92.7	
BENaPYRENE	0.58	J	10.49	J	0.25	J	97.7	
PERYLENE	0.39	J	153.81		3.94	J	84.5	
I123cdPYRENE	0.49	J	15.17	J	0.21	J	115.6	
DBahANTHRA	0.44	J	15.44	J	0.26	J	114.5	
BghiPERYLENE	0.43	J	22.71	J	0.31	J	108.0	
TOTAL PAH's (W/O PERYLENE)	84.0		566.3		10.8			NA
2-METHYLNAPH	19.93		71.87		0.81	J	131.4	
1-METHYLNAPH	11.30		44.15	J	1.10		96.3	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS	
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	J2021		Q4609		Q4610		Q4611	
UNIT:	ng/g		ng/g		ng/g		%	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
2,6-DIMETHNAPH	4.45	J	42.01	J	0.42	J	99.9	
2,3,5-TRIMETHNAPH	2.30	J	39.57	J	0.39	J	89.7	
1-METHYLPHEN	0.57	J	16.02	J	0.19	J	70.0	
Surrogate Recoveries								
NAPHD8:	52.0		48.0		44.2		57.2	
ACEND10:	66.0		45.9		50.2		56.5	
PHEND10:	78.8		51.4		53.9		66.4	
CHRYD12:	73.9		36.6		48.2		55.3	
PERYD12:	48.7		18.8	Q	3.6	Q	46.7	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	NIST REF TISSUE		GERG REF OIL II		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		W8006		J2022		J2023	
UNIT:	ng/g		ng/amp		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL

INVEST#:	NIST REF TISSUE		GERG REF OIL II		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		W8006		J2022		J2023	
SAMPLE TYPE:	REF NIST		REF OIL		SAMP		SAMP	
COLLECTION DATE:					12/05/91		12/05/91	
RECEIPT DATE:								
QCBATCH:	M778		M778		M779		M779	
EXTRACTION DATE:								
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/03/93		03/03/93		03/06/93		03/06/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93				03/15/93		03/15/93	
MATRIX:	TISSUE		OIL		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	5.005				10.151		10.208	
DRYWT:	0.69				1.35		1.86	
WTUNITS:	GRAMS	DRY	GRAMS		GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:			1.00					
VOLUNITS:	LITERS		AMPOULLE		LITERS		LITERS	
NAPHTHALENE	19.32		569.2		14.90	J	31.42	
C1-NAPHTHALENES	36.03		2013.0		12.20	J	47.23	
C2-NAPHTHALENES	75.69		2017.6		0	ND	43.88	
C3-NAPHTHALENES	231		1641.5		0	ND	0	ND
C4-NAPHTHALENES	360.91		1120.3		0	ND	0	ND
BIPHENYL	21.80		170.1		14.49		6.39	J
ACENAPHTHYLENE	5.07	J	0.9		0.93	J	2.16	J
ACENAPHTHENE	15.41	J	15.3		4.99	J	7.18	J
FLUORENE	9.19	J	72.3		2.74	J	3.58	J
C1-FLUORENES	38.41		196.1		0	ND	0	ND

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	NIST REF TISSUE		GERG REF OIL II		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		W8006		J2022		J2023	
UNIT:	ng/g		ng/amp		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	178.76		290.4		0	ND	0	ND
C3-FLUORENES	358.54		413.1		0	ND	0	ND
PHENANTHRENE	35.92		191.9		3.24	J	2.51	J
ANTHRACENE	11.69	J	5.5		3.49	J	1.00	J
C1-PHEN_ANTHR	89.15		476.7		0	ND	0	ND
C2-PHEN_ANTHR	328.98		663.2		0	ND	0	ND
C3-PHEN_ANTHR	574.53		672.7		0	ND	0	ND
C4-PHEN_ANTHR	268.03		365.5		0	ND	0	ND
DIBENZOTHIO	5.81	J	144.8		2.00	J	1.47	J
C1-DIBEN	38.3		300.5		0	ND	0	ND
C2-DIBEN	160.68		488.9		0	ND	0	ND
C3-DIBEN	219.13		514.1		0	ND	0	ND
FLUORANTHENE	226.28		3.8		3.03	J	0.63	J
PYRENE	228.85		10.0		2.14	J	1.31	J
C1-FLUORAN_PYR	180.02		94.7		0	ND	0	ND
BENaANTHRACENE	31.86		5.5		0.65	J	1.27	J
CHRYSENE	111.53		49.6		2.77	J	0.98	J
C1-CHRYSENES	69.45		85.9		0	ND	0	ND
C2-CHRYSENES	49.53		146.4		0	ND	0	ND
C3-CHRYSENES	0	ND	37.2		0	ND	0	ND
C4-CHRYSENES	0	ND	27.9		0	ND	0	ND
BENbFLUORAN	38.70		2.9		0.67	J	0.15	J
BENkFLUORAN	38.70		2.9		0.67	J	0.15	J
BENePYRENE	79.18		9.6		1.50	J	0.53	J
BENaPYRENE	12.59	J	1.7		1.89	J	2.40	J
PERYLENE	9.38	J	2.1		4.09	J	0.49	J
I123cdPYRENE	16.40		1.6		0.63	J	0.61	J
DBahANTHRA	4.11	J	3.1		0.87	J	0.72	J
BghiPERYLENE	23.26		4.1		0.77	J	0.28	J
TOTAL PAH's (W/O PERYLENE)	4192.8		12830.3		74.6		155.9	
2-METHYLNAPH	16.39		1078.7		6.57	J	30.74	
1-METHYLNAPH	19.64		934.3		5.63	J	16.49	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	NIST REF TISSUE		GERG REF OIL II		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		W8006		J2022		J2023	
UNIT:	ng/g		ng/amp		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2,6-DIMETHNAPH	11.26	J	671.9		8.44		12.34	
2,3,5-TRIMETHNAPH	13.69	J	308.5		4.02	J	2.26	J
1-METHYLPHEN	18.99		141.5		3.26	J	0.63	J
Surrogate Recoveries								
NAPHD8:	43.8			NA	60.2		49.6	
ACEND10:	49.8			NA	46.5		53.3	
PHEND10:	59.3			NA	51.0		58.7	
CHRYD12:	54.8			NA	51.7		53.7	
PERYD12:	47.5			NA	33.2		48.2	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
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

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	12/05/91		12/10/91		12/10/91		12/12/91		12/12/91	
RECEIPT DATE:										
QCBATCH:	M779		M779		M779		M779		M779	
EXTRACTION DATE:										
METHOD:	GCFID		GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:										
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/06/93		03/06/93		03/06/93		03/06/93		03/06/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		03/15/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:	10.405		10.169		10.467		10.153		10.656	
DRYWT:	1.28		1.71		1.69		1.76		1.84	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:										
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	14.60	J	6.85	J	18.63	J	9.50	J	17.53	J
C1-NAPHTHALENES	18.15	J	9.73	J	15.95	J	26.82	J	27.61	J
C2-NAPHTHALENES	0	ND	0	ND	0	ND	52.92	J	59.54	J
C3-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND	0	ND
C4-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND	0	ND
BIPHENYL	3.78	J	2.26	J	3.60	J	5.80	J	5.22	J
ACENAPHTHYLENE	4.24	J	2.38	J	0.80	J	2.78	J	2.66	J
ACENAPHTHENE	5.80	J	1.54	J	2.61	J	1.45	J	2.00	J
FLUORENE	2.75	J	0.66	J	1.02	J	5.37	J	2.35	J
C1-FLUORENES	0	ND	0	ND	0	ND	0	ND	0	ND

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
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
C2-FLUORENES	0	ND	0	ND	0	ND	0	ND	0	ND
C3-FLUORENES	0	ND	0	ND	0	ND	0	ND	0	ND
PHENANTHRENE	1.67	J	0.82	J	4.12	J	5.25	J	3.53	J
ANTHRACENE	1.99	J	0.81	J	0.65	J	1.49	J	1.81	J
C1-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND	0	ND
C2-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND	0	ND
C3-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND	0	ND
C4-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND	0	ND
DIBENZOTHIO	4.81	J	1.58	J	1.96	J	2.41	J	1.85	J
C1-DIBEN	0	ND	0	ND	0	ND	0	ND	0	ND
C2-DIBEN	0	ND	0	ND	0	ND	0	ND	0	ND
C3-DIBEN	0	ND	0	ND	0	ND	0	ND	0	ND
FLUORANTHENE	2.71	J	1.48	J	0.98	J	4.86	J	4.01	J
PYRENE	1.75	J	0.49	J	1.25	J	5.94	J	4.93	J
C1-FLUORAN_PYR	0	ND	0	ND	0	ND	0	ND	0	ND
BENaANTHRACENE	0.83	J	0.41	J	0.43	J	2.10	J	1.71	J
CHRYSENE	0.65	J	0.27	J	0.67	J	3.56	J	2.86	J
C1-CHRYSENES	0	ND	0	ND	0	ND	0	ND	0	ND
C2-CHRYSENES	0	ND	0	ND	0	ND	0	ND	0	ND
C3-CHRYSENES	0	ND	0	ND	0	ND	0	ND	0	ND
C4-CHRYSENES	0	ND	0	ND	0	ND	0	ND	0	ND
BENbFLUORAN	0.34	J	0.33	J	0.24	J	2.18	J	1.44	J
BENkFLUORAN	0.34	J	0.28	J	0.31	J	2.18	J	1.44	J
BENePYRENE	0.27	J	0.72	J	0.39	J	4.10	J	3.19	J
BENaPYRENE	2.35	J	0.82	J	1.33	J	2.39	J	1.15	J
PERYLENE	0.66	J	0.53	J	0.71	J	1.67	J	1.05	J
I123cdPYRENE	0.67	J	0.56	J	0.23	J	0.89	J	0.82	J
DBahANTHRA	1.03	J	0.31	J	0.47	J	1.10	J	0.95	J
BghiPERYLENE	0.43	J	0.32	J	0.54	J	2.16	J	1.69	J
TOTAL PAH's (W/O PERYLENE)	69.2		32.6		56.2		145.3		148.3	
2-METHYLNAPH	10.25		4.97	J	6.82		15.20		15.71	
1-METHYLNAPH	7.90	J	4.76	J	9.13		11.62		11.90	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
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
2,6-DIMETHNAPH	3.21	J	2.33	J	0.95	J	10.85		12.72	
2,3,5-TRIMETHNAPH	1.28	J	1.43	J	2.80	J	6.79		6.54	
1-METHYLPHEN	2.82	J	0.80	J	2.63	J	1.47	J	0.75	J
Surrogate Recoveries										
NAPHD8:	58.1		54.2		45.3		55.0		52.7	
ACEND10:	63.8		50.8		60.2		52.3		51.4	
PHEND10:	53.9		63.3		56.0		59.7		58.1	
CHRYD12:	54.1		51.3		57.8		61.4		57.7	
PERYD12:	46.5		40.3		48.2		48.3		40.5	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	12/09/91		12/09/91		12/09/91		12/06/91	
RECEIPT DATE:								
QCBATCH:	M779		M779		M779		M780	
EXTRACTION DATE:								
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/06/93		03/07/93		03/06/93		03/07/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	10.641		10.474		10.224		10.356	
DRYWT:	1.78		1.52		2.17		2.05	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	16.46	J	18.99	J	34.23		21.39	B
C1-NAPHTHALENES	26.03	J	34.56	J	67.91		20.37	B
C2-NAPHTHALENES	68.79	J	0	ND	49.53		0	ND
C3-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND
C4-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND
BIPHENYL	3.43	J	11.10		7.31		6.86	J
ACENAPHTHYLENE	1.74	J	2.08	J	2.83	J	0.80	J
ACENAPHTHENE	5.14	J	7.37	J	1.66	J	2.02	J
FLUORENE	1.41	J	5.42	J	3.00	J	3.15	J
C1-FLUORENES	0	ND	0	ND	0	ND	0	ND

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	0	ND	0	ND	0	ND	0	ND
C3-FLUORENES	0	ND	0	ND	0	ND	0	ND
PHENANTHRENE	5.98	J	5.56	J	2.18	J	2.42	J
ANTHRACENE	1.72	J	5.14	J	1.07	J	0.64	J
C1-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C2-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C3-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C4-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
DIBENZOTHIO	2.44	J	6.82	J	0.84	J	0.92	J
C1-DIBEN	0	ND	0	ND	0	ND	0	ND
C2-DIBEN	0	ND	0	ND	0	ND	0	ND
C3-DIBEN	0	ND	0	ND	0	ND	0	ND
FLUORANTHENE	4.21	J	8.15	J	5.85		2.38	J
PYRENE	6.14		15.15		5.93		2.01	J
C1-FLUORAN_PYR	0	ND	0	ND	0	ND	0	ND
BENaANTHRACENE	1.20	J	5.04	J	0.95	J	0.57	J
CHRYSENE	3.14	J	6.91	J	1.50	J	1.10	J
C1-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C2-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C3-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C4-CHRYSENES	0	ND	0	ND	0	ND	0	ND
BENbFLUORAN	1.87	J	3.53	J	1.30	J	0.49	J
BENkFLUORAN	1.87	J	3.53	J	1.30	J	0.49	J
BENePYRENE	3.57	J	7.91	J	1.29	J	0.87	J
BENaPYRENE	0.81	J	9.38	J	0.46	J	0.31	J
PERYLENE	10.55		5.44	J	0.46	J	0.72	J
I123cdPYRENE	0.86	J	7.21	J	0.73	J	0.19	J
DBahANTHRA	0.21	J	7.22	J	0.29	J	0.12	J
BghiPERYLENE	1.49	J	5.96	J	0.87	J	0.24	J
TOTAL PAH's (W/O PERYLENE)	158.5		177.0		191.0		67.3	
2-METHYLNAPH	18.76		24.55		39.30		11.59	
1-METHYLNAPH	7.27		10.01		28.61		8.78	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2,6-DIMETHNAPH	13.71		18.04		14.63		6.79	
2,3,5-TRIMETHNAPH	8.51		2.96	J	3.07	J	3.02	J
1-METHYLPHEN	0.92	J	12.09	M	1.17	J	1.82	J
Surrogate Recoveries								
NAPHD8:	42.6		60.5		41.9		52.1	
ACEND10:	56.1		82.2		47.1		50.7	
PHEND10:	54.1		59.7		53.8		57.6	
CHRYD12:	58.1		73.7		56.1		57.6	
PERYD12:	12.8		52.2		50.1		29.4	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
SAMPLE TYPE:	SAMP		SAMP		DUPE OF J2031		PROC BLANK	
COLLECTION DATE:	12/09/91		12/09/91		12/09/91			
RECEIPT DATE:								
QCBATCH:	M780		M827		M779		M779	
EXTRACTION DATE:			04/26/93					
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/07/93		05/24/93		03/06/93		03/06/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		06/02/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	10.572		10.039		10.089			
DRYWT:	2.50		1.43		2.03		10.00	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	55.52		25.18	J	41.07		1.15	
C1-NAPHTHALENES	73.87		45.14	J	63.71		1.98	
C2-NAPHTHALENES	53.61		30.00	J	69.44		0	ND
C3-NAPHTHALENES	55.49		32.90	J	0	ND	0	ND
C4-NAPHTHALENES	0	ND	0	ND	0	ND	0	ND
BIPHENYL	8.88	J	7.52		7.41	J	0.61	J
ACENAPHTHYLENE	1.11	J	1.03	J	3.56	J	0.49	J
ACENAPHTHENE	1.40	J	2.76	J	1.49	J	0.70	J
FLUORENE	1.43	J	1.94	J	3.18	J	0.65	J
C1-FLUORENES	0	ND	0	ND	0	ND	0	ND

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	0	ND	0	ND	0	ND	0	ND
C3-FLUORENES	0	ND	0	ND	0	ND	0	ND
PHENANTHRENE	3.34	J	4.36	J	4.33	J	0.30	J
ANTHRACENE	1.11	J	1.28	J	4.00	J	0.33	J
C1-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C2-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C3-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
C4-PHEN_ANTHR	0	ND	0	ND	0	ND	0	ND
DIBENZOTHIO	1.77	J	0.86	J	2.84	J	0.24	J
C1-DIBEN	0	ND	0	ND	0	ND	0	ND
C2-DIBEN	0	ND	0	ND	0	ND	0	ND
C3-DIBEN	0	ND	0	ND	0	ND	0	ND
FLUORANTHENE	0.94	J	3.76	J	6.61		0.35	J
PYRENE	1.14	J	5.34	J	6.84		0.35	J
C1-FLUORAN_PYR	0	ND	0	ND	0	ND	0	ND
BENaANTHRACENE	0.30	J	1.18	J	2.39	J	0.04	J
CHRYSENE	0.33	J	2.64	J	2.75	J	0.56	J
C1-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C2-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C3-CHRYSENES	0	ND	0	ND	0	ND	0	ND
C4-CHRYSENES	0	ND	0	ND	0	ND	0	ND
BENbFLUORAN	0.14	J	1.21	J	2.76	J	0.24	J
BENkFLUORAN	0.14	J	1.21	J	2.76	J	0.22	J
BENePYRENE	0.13	J	2.68	J	3.75	J	0.29	J
BENaPYRENE	0.44	J	1.73	J	2.64	J	0.27	J
PERYLENE	0.39	J	1.08	J	2.38	J	2.72	J
I123cdPYRENE	0.09	J	0.73	J	2.35	J	0.23	J
DBahANTHRA	0.14	J	0.34	J	2.39	J	0.26	J
BghiPERYLENE	0.21	J	1.24	J	2.49	J	0.25	J
TOTAL PAH's (W/O PERYLENE)	261.5		175.0		238.8		9.5	
2-METHYLNAPH	46.76		28.23		39.17		0.69	J
1-METHYLNAPH	27.11		16.91		24.54		1.09	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
UNIT:	ng/g		ng/g		ng/g		ng/g	
PNA Analyte	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2,6-DIMETHNAPH	14.09		12.29		19.49		0.97	J
2,3,5-TRIMETHNAPH	1.97	J	5.26	J	4.76	J	0.56	J
1-METHYLPHEN	1.50	J	0.90	J	4.70	J	0.42	J
Surrogate Recoveries								
NAPHD8:	63.2		48.4		47.0		55.5	
ACEND10:	62.2		63.7		48.5		49.2	
PHEND10:	65.4		70.5		54.2		54.7	
CHRYD12:	66.6		73.6		50.4		48.8	
PERYD12:	41.1		40.4		42.2		7.1	Q

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
UNIT:	%		ng/g		ng/g		%	
PNA Analyte	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
SAMPLE TYPE:	MS OF J2031		NIST REF		DUPE OF J2033		MS OF J2033	
COLLECTION DATE:	12/09/91		12/06/91		12/09/91			
RECEIPT DATE:								
QCBATCH:	M779		M779		M780		M780	
EXTRACTION DATE:								
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/06/93		03/06/93		03/07/93		03/07/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	10.517		5.013		10.345		10.22	
DRYWT:	2.25		0.62		2.36		2.35	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
NAPHTHALENE	77.3		29.03		62.26		84.4	
C1-NAPHTHALENES		NA	42.11		80.77			NA
C2-NAPHTHALENES		NA	95.43		49.86			NA
C3-NAPHTHALENES		NA	230.03		43.48			NA
C4-NAPHTHALENES		NA	329.44		0	ND		NA
BIPHENYL	96.6		7.09	J	11.41		75.1	
ACENAPHTHYLENE	90.1		5.87	J	0.75	J	71.6	
ACENAPHTHENE	86.4		10.31	J	3.73	J	78.2	
FLUORENE	90.2		12.42	J	2.57	J	72.4	
C1-FLUORENES		NA	56.22		0	ND		NA

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
UNIT:	%		ng/g		ng/g		%	
PNA Analyte	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
C2-FLUORENES		NA	163.01		0	ND		NA
C3-FLUORENES		NA	397.8		0	ND		NA
PHENANTHRENE	87.5		32.58		3.73	J	68.1	
ANTHRACENE	49.5		13.44	J	2.05	J	44.3	
C1-PHEN_ANTHR		NA	101.12		0	ND		NA
C2-PHEN_ANTHR		NA	323.72		0	ND		NA
C3-PHEN_ANTHR		NA	473.3		0	ND		NA
C4-PHEN_ANTHR		NA	289.49		0	ND		NA
DIBENZOTHIO	67.1		7.77	J	1.08	J	51.1	
C1-DIBEN		NA	41.67		0	ND		NA
C2-DIBEN		NA	2210.43		0	ND		NA
C3-DIBEN		NA	264.18		0	ND		NA
FLUORANTHENE	105.8		228.73		1.31	J	86.5	
PYRENE	103.8		231.95		1.22	J	83.3	
C1-FLUORAN_PYR		NA	173.67		0	ND		NA
BENaANTHRACENE	90.6		42.23		0.82	J	75.4	
CHRYSENE	87.3		108.71		0.70	J	86.6	
C1-CHRYSENES		NA	69.59		0	ND		NA
C2-CHRYSENES		NA	51.88		0	ND		NA
C3-CHRYSENES		NA	0	ND	0	ND		NA
C4-CHRYSENES		NA	0	ND	0	ND		NA
BENbFLUORAN	110.6		41.93		0.68	J	108.6	
BENkFLUORAN	8.4		41.93		0.79	J	111.2	
BENePYRENE	99.2		87.81		0.76	J	99.8	
BENaPYRENE	97.4		17.06	J	0.38	J	84.1	
PERYLENE	78.3		8.48	J	0.63	J	92.2	
I123cdPYRENE	123.1		19.64	J	0.37	J	75.2	
DBahANTHRA	141.6		7.42	J	0.71	J	85.2	
BghiPERYLENE	121.8		24.35		0.55	J	79.6	
TOTAL PAH's (W/O PERYLENE)		NA	6283.4		270.0			NA
2-METHYLNAPH	169.3		23.38		49.90		140.1	
1-METHYLNAPH	105.3		18.73		30.87		113.7	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
UNIT:	%		ng/g		ng/g		%	
PNA Analyte	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
2,6-DIMETHNAPH	100.9		20.61		15.82		79.5	
2,3,5-TRIMETHNAPH	98.0		17.76		3.13	J	78.8	
1-METHYLPHEN	82.7		18.52		2.01	J	60.7	
Surrogate Recoveries								
NAPHD8:	41.4		48.9		50.8		51.9	
ACEND10:	46.7		51.4		53.5		66.6	
PHEND10:	38.5		61.1		58.7		73.0	
CHRYD12:	53.4		50.4		54.5		61.0	
PERYD12:	44.7		42.3		35.4		35.3	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	PROC BLANK		NIST REF TISSUE		GERG REF OIL II		GERG REF OIL II	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637		W8022		W8026	
UNIT:	ng/g		%		ng/amp		ng/amp	
PNA Analyte	Conc	DB QUAL	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
INVEST#:	PROC BLANK		NIST REF TISSUE		GERG REF OIL II		GERG REF OIL II	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637		W8022		W8026	
SAMPLE TYPE:	PROC BLANK		NIST REF		REF OIL		REF OIL	
COLLECTION DATE:								
RECEIPT DATE:								
QCBATCH:	M780		M780		M779		M780	
EXTRACTION DATE:								
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/07/93		03/07/93		03/06/93		03/06/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		03/15/93					
MATRIX:	TISSUE		TISSUE		OIL		OIL	
SUBMAT:								
SAMPLWT:								
WETWT:			5.139					
DRYWT:	10.00		0.62					
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:					1.00		1.00	
VOLUNITS:	LITERS		LITERS		AMPOULLE		AMPOULLE	
NAPHTHALENE	0.83	J	25.28		476.2		574.2	
C1-NAPHTHALENES	1.39		37.89		2044.0		2183.6	
C2-NAPHTHALENES	0	ND	70.85		2067.9		2278.5	
C3-NAPHTHALENES	0	ND	124.69		1929.3		1998.7	
C4-NAPHTHALENES	0	ND	236.75		1157.5		1241.8	
BIPHENYL	0.58	J	12.20	J	173.0		177.3	
ACENAPHTHYLENE	0.64	J	10.50	J	2.2		0.7	
ACENAPHTHENE	0.54	J	7.73	J	14.5		16.1	
FLUORENE	0.65	J	8.04	J	70.6		76.9	
C1-FLUORENES	0	ND	34.13		190.6		212.9	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	PROC BLANK		NIST REF TISSUE		GERG REF OIL II		GERG REF OIL II	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637		W8022		W8026	
UNIT:	ng/g		%		ng/amp		ng/amp	
PNA Analyte	Conc	DB QUAL	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
C2-FLUORENES	0	ND	190.26		306.8		321.2	
C3-FLUORENES	0	ND	450.2		410.7		383.5	
PHENANTHRENE	0.55	J	33.83		214.9		211.3	
ANTHRACENE	0.32	J	13.89	J	5.0		4.1	
C1-PHEN_ANTHR	0	ND	104.09		569.9		534.7	
C2-PHEN_ANTHR	0	ND	356.25		770.2		743.5	
C3-PHEN_ANTHR	0	ND	286.52		761.1		644.4	
C4-PHEN_ANTHR	0	ND	291.58		441.2		374.8	
DIBENZOTHIO	0.54	J	4.12	J	160.4		151.9	
C1-DIBEN	0	ND	37.68		362.9		330.8	
C2-DIBEN	0	ND	209.95		551.5		575.8	
C3-DIBEN	0	ND	295.56		627.3		574.0	
FLUORANTHENE	0.27	J	252.77		5.3		4.7	
PYRENE	0.32	J	252.16		13.3		18.7	
C1-FLUORAN_PYR	0	ND	202.72		107.1		92.7	
BENaANTHRACENE	0.17	J	49.31		5.0		5.1	
CHRYSENE	0.30	J	101.52		45.7		40.9	
C1-CHRYSENES	0	ND	75.23		91.7		88.2	
C2-CHRYSENES	0	ND	49.61		145.1		139.1	
C3-CHRYSENES	0	ND	0	ND	39.1		40.8	
C4-CHRYSENES	0	ND	0	ND	27.7		30.2	
BENbFLUORAN	0.10	J	46.46		3.5		3.9	
BENkFLUORAN	0.10	J	46.46		3.5		3.9	
BENePYRENE	0.25	J	94.90		11.4		11.8	
BENaPYRENE	0.24	J	15.19	J	1.9		5.5	
PERYLENE	9.13	J	9.71	J	1.7		4.3	
I123cdPYRENE	0.15	J	14.20	J	0.6		0.9	
DBahANTHRA	0.05	J	2.65	J	1.8		2.2	
BghiPERYLENE	0.13	J	17.36	J	3.5		4.1	
TOTAL PAH's (W/O PERYLENE)	8.1		4062.5		13813.5		14103.3	
2-METHYLNAPH	0.69	J	15.73		1090.9		1128.5	
1-METHYLNAPH	0.70	J	22.16		953.1		1055.2	

Antarctic Palmer Fish Samples Aromatic Hydrocarbon Data

INVEST#:	PROC BLANK		NIST REF TISSUE		GERG REF OIL II		GERG REF OIL II	
ID:	LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637		W8022		W8026	
UNIT:	ng/g		%		ng/amp		ng/amp	
PNA Analyte	Conc	DB QUAL	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
2,6-DIMETHNAPH	0.45	J	23.22		693.4		713.4	
2,3,5-TRIMETHNAPH	0.44	J	18.13		330.8		330.1	
1-METHYLPHEN	0.39	J	18.66		149.3		154.7	
Surrogate Recoveries								
NAPHD8:	66.0		65.0			NA		NA
ACEND10:	56.1		54.9			NA		NA
PHEND10:	57.8		67.3			NA		NA
CHRYD12:	52.2		64.5			NA		NA
PERYD12:	3.0	Q	33.0			NA		NA

Palmer Fish Pesticides and PCB Data

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	03/28/92		03/28/92		03/28/92		04/05/92	
RECEIPT DATE:								
QCBATCH:	M827		M778		M778		M778	
EXTRACTION DATE:	04/26/93							
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	05/24/93		03/03/93		03/03/93		03/03/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	06/02/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:	MUSCLE		LIVER		LIVER		LIVER	
SAMPLWT:								
WETWT:	5.184		0.727		0.517		0.657	
DRYWT:	1.26		0.20		0.14		0.25	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00		0.00	ND
TOTAL CHLORDANES	0.21	J	2.73		0.00	ND	2.82	
TOTAL DDT'S	0.75	J	8.32		43.67		5.69	
TOTAL PCB'S	2.3	J	20.2	J	48.9	J	7.7	J
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HCB	0.64	J	1.47		2.39		1.45	
BETA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.21	J	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	5.19	M	0.00	ND
TRANS-NONACHLOR	0.00	ND	2.73		7.79	M	2.82	
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND	0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.00	ND	0.00	ND
ENDRIN	0.00	ND	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	4.71		0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.00	ND	0.00	ND	18.38		0.00	ND
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.00	ND	0.86	J
4,4'DDD (P,P'DDD)	0.00	ND	4.10		12.95		3.38	
2,4'DDT (O,P'DDT)	0.00	ND	1.72		0.00	ND	0.00	ND
4,4'DDT (P,P'DDT)	0.75	J	2.49		12.33		1.45	
PCB # (CLORINATION)								
8 (CL2)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
18 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
44 (CL4)	0.00	ND	1.19	J	12.41	J	0.00	ND
52 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
66 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
101 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
105 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
110/77 (CL5/4)	0.00	ND	0.00	ND	2.62	J	0.00	ND
118/108/149(CL5/5/6)	0.00	ND	1.44	J	3.11	J	0.16	J
128 (CL6)	0.00	ND	1.67	J	7.31	J	0.28	J
138 (CL6)	0.44	J	0.00	ND	108.65	M	0.00	ND
126 (CL5)		NA		NA		NA		NA
153 (CL6)	0.00	ND	4.33	J	13.78	J	0.00	ND
170 (CL7)	0.00	ND	0.94	J	0.00	ND	0.00	ND
180 (CL7)	0.00	ND	2.57	J	5.41	J	2.63	J
187/182/159(CL7/7/6)	0.00	ND	1.37	J	6.27	J	0.89	J

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
195 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
206 (CL9)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries								
DBOFB%:	66.3		33.5		28.7		30.8	
PCB#103%:	69.3		69.0		53.6		63.2	
PCB#198%:	79.2		59.8		43.4		55.9	
PCB #(CHLORINATION)								
7 (CL2)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.52	J
26 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
50 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	0.44	J	1.22	J	5.72	J	0.00	ND
49 (CL4)	0.00	ND	0.83	J	0.00	ND	0.52	J
47/48 (CL4)	0.56	J	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
70 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
88 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	C. NEGLECTA		CORIICEPS		C. ACERATUS		N. GIBBERIFRONS	
ID:	LOWE ISLAND		LOWE ISLAND		LOWE ISLAND		DALLMAN BAY	
LABSAMNO:	J2013		J2014		J2015		J2016	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
92? (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	0.00	ND	1.15	J	2.41	J	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
97 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
87 (CL5)	0.00	ND	0.00	ND	8.97	J	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.38	ND
107/108/144(CL5/5/6)	0.00	ND	1.06	J	3.99	J	0.88	J
149 (CL6)	0.00	ND	0.47	J	2.34	J	0.30	J
188 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND	1.27	J
141 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
137 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.85	J	1.79	J	0.00	ND	0.00	ND
167 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
177 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.00	ND	7.80	J	0.00	ND	2.20	J
200 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	0.00	ND	1.58	J	0.00	ND	1.17	J
191 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
196 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	04/05/92		04/22/92		04/22/92		03/29/92	
RECEIPT DATE:								
QCBATCH:	M827		M778		M827		M778	
EXTRACTION DATE:	04/26/93				04/26/93			
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	05/24/93		03/03/93		05/24/93		03/03/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	06/02/93		03/15/93		06/02/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:	MUSCLE		LIVER		MUSCLE		LIVER	
SAMPLWT:								
WETWT:	5.034		0.514		5.196		0.501	
DRYWT:	1.06		0.17		1.17		0.18	
WTUNITS:	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY	GRAMS	DRY
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00	ND	0.00	ND
TOTAL CHLORDANES	0.00	ND	1.35		0.00	ND	0.00	ND
TOTAL DDT'S	0.00	ND	6.45		0.00	ND	0.00	ND
TOTAL PCB'S	0.1	J	9.3	J	2.7	J	0.0	ND
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HCB	0.00	ND	0.80	J	0.27	J	0.00	ND
BETA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.00	ND	1.35		0.00	ND	0.00	ND
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND	0.00	ND
ALDRIN	0.00	ND	0.00	ND	0.08	J	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.00	ND	0.00	ND
ENDRIN	0.00	ND	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.00	ND	6.11		0.00	ND	0.00	ND
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
2,4'DDT (O,P'DDT)	0.00	ND	0.34	J	0.00	ND	43.66	M
4,4'DDT (P,P'DDT)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
PCB # (CLORINATION)								
8 (CL2)	0.03	ND	0.00	ND	0.06	J	0.00	ND
18 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
28 (CL3)	0.11	J	0.00	ND	0.32	J	0.00	ND
44 (CL4)	0.00	ND	2.95	J	0.00	ND	0.00	ND
52 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
66 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
101 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
105 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
110/77 (CL5/4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
128 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
138 (CL6)	0.00	ND	0.00	ND	0.84	J	0.00	J
126 (CL5)		NA		NA		NA		NA
153 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	M
170 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
180 (CL7)	0.00	ND	1.33	J	0.00	ND	0.00	ND
187/182/159(CL7/7/6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
195 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
206 (CL9)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
209 (CL10)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries								
DBOFB%:	73.9		33.0		71.5		35.2	
PCB#103%:	79.3		66.1		76.8		111.9	
PCB#198%:	64.7		58.2		69.9		87.4	
PCB #(CHLORINATION)								
7 (CL2)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.14	J	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
50 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	M
46 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	M
49 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
47/48 (CL4)	0.00	ND	0.00	ND	0.05	J	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
70 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
88 (CL5)	0.00	ND	0.00	ND	0.15	J	0.00	M
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	N. GIBBERIFRONS		CORIICEPS		CORIICEPS		CORIICEPS	
ID:	DALLMAN BAY		BAHIA PARAISO		BAHIA PARAISO		PALMER STATION	
LABSAMNO:	J2017		J2018		J2019		J2020	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
92? (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
84? (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
83 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
97 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
87 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
85 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
136 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
82 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
151 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
107/108/144(CL5/5/6)	0.00	ND	1.95	J	0.00	ND	0.00	M
149 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
188 (CL7)	0.00	ND	0.00	ND	0.56	J	0.00	ND
146 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
141 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
137 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.57	J	0.00	ND
178 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
183 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	M
167 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
177 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
156/171/202(CL6/7/8)	0.00	ND	4.42	J	0.00	ND	0.00	ND
200 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
172 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
191 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
196 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
189 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
205 (CL9)	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS	
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	J2021		Q4609		Q4610		Q4611	
UNIT:	ng/g		ng/g		ng/g		%	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
SAMPLE TYPE:	SAMP		DUPE OF J2013		PROC BLANK		MS OF J2013	
COLLECTION DATE:	03/29/92		03/28/92				03/28/92	
RECEIPT DATE:								
QCBATCH:	M827		M778		M778		M778	
EXTRACTION DATE:	04/26/93							
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	05/24/93		03/03/93		03/03/93		03/03/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	06/02/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:	MUSCLE		MUSCLE				MUSCLE	
SAMPLWT:								
WETWT:	5.044		0.668				0.551	
DRYWT:	1.28		0.18		10.00		0.13	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.00	ND	0.00	ND		NA
TOTAL CHLORDANES	0.44	J	0.00	ND	0.00	ND		NA
TOTAL DDT'S	1.22		0.00	ND	3.26			NA
TOTAL PCB'S	12.2		9.1		9.7			NA
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND	41.0	
HCB	0.34	J	1.48		0.00	ND	15.0	
BETA-BHC	0.00	ND	0.00	ND	0.00	ND	12.0	
GAMMA-BHC	0.00	ND	0.00	ND	0.00	ND	52.0	
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND	41.0	
HEPTACHLOR	0.10	J	0.00	ND	0.00	ND	65.0	
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND	66.0	
OXYCHLORDANE	0.14	J	0.00	ND	0.00	ND		

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS	
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	J2021		Q4609		Q4610		Q4611	
UNIT:	ng/g		ng/g		ng/g		%	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND	65.0	
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND	66.0	
TRANS-NONACHLOR	0.20	J	0.00	ND	0.00	ND	62.0	
CIS-NONACHLOR	0.00	ND	0.00	ND	0.00	ND		
ALDRIN	0.14	J	0.00	ND	0.00	ND	60.0	
DIELDRIN	0.00	ND	0.00	ND	0.00	ND	61.0	
ENDRIN	0.00	ND	0.00	ND	0.00	ND	53.0	
MIREX	0.00	ND	0.00	ND	0.00	ND	87.0	
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND	52.0	
4,4'DDE (P,P'DDE)	0.00	ND	0.00	ND	3.26		26.0	
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	0.00	ND	82.0	
4,4'DDD (P,P'DDD)	0.00	ND	0.00	ND	0.00	ND	55.0	
2,4'DDT (O,P'DDT)	0.00	NDD	0.00	ND	0.00	ND	5.0	
4,4'DDT (P,P'DDT)	1.22		0.00	ND	0.00	ND	51.0	
PCB # (CLORINATION)								
8 (CL2)	0.00	ND	0.00	ND	0.00	ND	76.0	
18 (CL3)	0.00	ND	0.00	ND	0.00	ND	40.0	
28 (CL3)	0.14	J	0.00	ND	0.00	ND	87.0	
44 (CL4)	0.34	J	0.00	ND	1.72		92.0	
52 (CL4)	0.00	ND	0.00	ND	0.00	ND	97.0	
66 (CL4)	0.00	ND	0.00	ND	0.00	ND	142.0	
101 (CL5)	0.00	ND	0.00	ND	0.00	ND	77.0	
105 (CL5)	0.46	J	0.00	ND	0.00	ND	117.0	
110/77 (CL5/4)	0.00	ND	0.00	ND	0.00	ND	63.0	
118/108/149(CL5/5/6)	1.80		0.00	ND	0.00	ND	114.0	
128 (CL6)	0.20	J	0.00	ND	0.00	ND	96.0	
138 (CL6)	3.11		0.00	ND	0.00	ND	87.0	
126 (CL5)		NA		NA		NA		NA
153 (CL6)	3.14		0.00	ND	0.00	ND	75.0	
170 (CL7)	0.00	ND	0.00	ND	0.00	ND	77.0	
180 (CL7)	3.16		0.79	J	1.41		76.0	
187/182/159(CL7/7/6)	2.53		0.84	J	0.00	ND	73.0	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS	
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	J2021		Q4609		Q4610		Q4611	
UNIT:	ng/g		ng/g		ng/g		%	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
195 (CL8)	0.00	ND	0.00	ND	0.00	ND	77.0	
206 (CL9)	0.00	ND	0.00	ND	0.26	J	65.0	
209 (CL10)	0.00	ND	0.00	ND	0.00	ND	67.0	
Surrogate Recoveries								
DBOFB%:	79.6		27.1		26.9		31.0	
PCB#103%:	83.8		58.8		61.1		65.9	
PCB#198%:	64.5		50.3		53.0		50.8	
PCB #(CHLORINATION)								
7 (CL2)	0.00	ND	0.97	J	0.00	ND	NA	
15 (CL2)	0.00	ND	0.00	ND	0.00	ND	NA	
24 (CL3)	0.00	ND	0.00	ND	0.00	ND	NA	
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND	NA	
29 (CL3)	0.12	J	0.00	ND	0.00	ND	NA	
26 (CL3)	0.00	ND	0.00	ND	0.00	ND	NA	
25 (CL3)	0.00	ND	0.00	ND	0.00	ND	NA	
50 (CL4)	0.00	ND	0.00	ND	0.00	ND	NA	
31 (CL3)	0.00	ND	0.00	ND	0.00	ND	NA	
33 (CL3)	0.00	ND	0.00	ND	0.00	ND	NA	
22 (CL3)	0.00	ND	0.00	ND	0.00	ND	NA	
45 (CL4)	0.00	ND	0.00	ND	0.00	ND	NA	
46 (CL4)	0.00	ND	0.00	ND	0.00	ND	NA	
49 (CL4)	0.31	J	0.69	J	0.00	ND	NA	
47/48 (CL4)	0.25	J	0.00	ND	0.00	ND	NA	
37/42 (CL4)	0.00	ND	0.00	ND	0.00	ND	NA	
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND	NA	
40 (CL4)	0.00	ND	0.00	ND	0.00	ND	NA	
100 (CL5)	0.00	ND	0.00	ND	0.00	ND	NA	
74 (CL4)	0.31	J	0.00	ND	0.00	ND	NA	
70 (CL4)	0.00	ND	0.00	ND	0.00	ND	NA	
88 (CL5)	0.17	J	0.00	ND	0.00	ND	NA	
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND	NA	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CORIICEPS		CORIICEPS		PROC BLANK		CORIICEPS		
ID:	PALMER STATION		LAB QA SAMPLE		LAB QA SAMPLE		LAB QA SAMPLE		
LABSAMNO:	J2021		Q4609		Q4610		Q4611		
UNIT:	ng/g		ng/g		ng/g			%	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB	QUAL
92? (CL5)	0.00	ND	0.00	ND	0.00	ND			NA
84? (CL5)	0.00	ND	0.00	ND	0.00	ND			NA
99 (CL5)	1.00	J	0.00	ND	0.00	ND			NA
83 (CL5)	0.00	ND	0.00	ND	0.00	ND			NA
97 (CL5)	0.00	ND	0.00	ND	0.00	ND			NA
87 (CL5)	0.00	ND	0.00	ND	0.00	ND	105.0		
85 (CL5)	0.00	ND	0.00	ND	0.00	ND			NA
136 (CL6)	0.00	ND	0.00	ND	0.00	ND			NA
82 (CL5)	0.00	ND	0.00	ND	0.00	ND			NA
151 (CL6)	0.23	J	0.00	ND	0.00	ND			NA
107/108/144(CL5/5/6)	0.00	ND	1.75		0.00	ND			NA
149 (CL6)	1.03	J	0.00	ND	0.00	ND			NA
188 (CL7)	0.00	ND	0.00	ND	0.00	ND			NA
146 (CL6)	0.00	ND	0.00	ND	0.00	ND			NA
141 (CL6)	0.00	ND	0.00	ND	0.00	ND			NA
137 (CL6)	0.00	ND	1.78		0.00	ND			NA
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND			NA
158 (CL7)	0.21	J	0.00	ND	0.00	ND			NA
129 (CL6)	0.00	ND	0.00	ND	0.00	ND			NA
178 (CL7)	0.00	ND	0.00	ND	0.00	ND			NA
183 (CL7)	0.77	J	0.00	ND	0.00	ND			NA
167 (CL6)	0.00	ND	0.00	ND	0.00	ND			NA
185 (CL7)	0.00	ND	0.00	ND	0.00	ND			NA
174 (CL7)	0.45	J	0.00	ND	0.00	ND			NA
177 (CL7)	0.33	J	0.00	ND	0.00	ND			NA
156/171/202(CL6/7/8)	0.00	ND	2.28		6.20				NA
200 (CL8)	0.00	ND	0.00	ND	0.00	ND			NA
172 (CL7)	0.00	ND	1.60		1.78				NA
191 (CL7)	0.00	ND	0.00	ND	0.00	ND			NA
201 (CL8)	0.34	J	0.00	ND	0.00	ND			NA
196 (CL8)	0.61	J	0.00	ND	0.00	ND			NA
189 (CL7)	0.00	ND	0.00	ND	0.00	ND			NA
194 (CL8)	0.00	ND	0.00	ND	0.00	ND			NA
205 (CL9)	0.00	ND	0.00	ND	0.00	ND			NA

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		J2022		J2023	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	REF NIST		REF OIL	SAMP		SAMP
COLLECTION DATE:				12/05/91		12/05/91
RECEIPT DATE:						
QCBATCH:	M778		M778	M779		M779
EXTRACTION DATE:						
METHOD:	GCFID		GCFID	GCFID		GCFID
ANALYSIS DATE:						
METHOD:	GCMS		GCMS	GCMS		GCMS
ANALYSIS DATE:	03/03/93		03/03/93	03/06/93		03/06/93
METHOD:	GCECD		GCECD	GCECD		GCECD
ANALYSIS DATE:	03/15/93			03/15/93		03/15/93
MATRIX:	TISSUE		OIL	TISSUE		TISSUE
SUBMAT:						
SAMPLWT:						
WETWT:	5.005			10.151		10.208
DRYWT:	0.69			1.35		1.86
WTUNITS:	GRAMS DRY		GRAMS	GRAMS DRY		GRAMS DRY
PCTSOLIDS:						
VOL:			1.00			
VOLUNITS:	LITERS		AMPOULLE	LITERS		LITERS
TOTAL BHC'S	6.75			0.00	ND	0.00 ND
TOTAL CHLORDANES	60.10			0.00	ND	0.59 J
TOTAL DDT'S	80.13			1.89	J	2.38
TOTAL PCB'S	2603.4			18.1		16.5
ALPHA-BHC	2.11	J		0.00	ND	0.00 ND
HCB	0.00	ND		0.40	J	0.27 J
BETA-BHC	0.19	J		0.00	ND	0.00 ND
GAMMA-BHC	0.56	J		0.00	ND	0.00 ND
DELTA-BHC	3.89			0.00	ND	0.00 ND
HEPTACHLOR	2.00	J		0.00	ND	0.00 ND
HEPTA-EPOXIDE	0.00	ND		0.00	ND	0.00 ND
OXYCHLORDANE	8.38			0.00	ND	0.00 ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		J2022		J2023	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
GAMMA-CHLORDANE	13.14		0.00	ND	0.00	ND
ALPHA-CHLORDANE	14.83		0.00	ND	0.36	J
TRANS-NONACHLOR	13.78		0.00	ND	0.24	J
CIS-NONACHLOR	7.97		0.00	ND	0.00	ND
ALDRIN	0.00	ND	2.74		2.15	
DIELDRIN	9.71		0.77	J	0.71	J
ENDRIN	0.00	ND	0.00	ND	1.03	J
MIREX	1.63	J	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	29.46		0.57	J	1.11	
2,4'DDD (O,P'DDD)	5.58		0.00	ND	0.00	ND
4,4'DDD (P,P'DDD)	35.67		0.00	ND	0.00	ND
2,4'DDT (O,P'DDT)	5.62		0.65	J	0.42	J
4,4'DDT (P,P'DDT)	3.81		0.67	J	0.86	J
PCB # (CLORINATION)						
8 (CL2)	2.67	J	0.00	ND	0.00	ND
18 (CL3)	7.81		0.00	ND	0.10	J
28 (CL3)	75.22		0.00	ND	0.00	ND
44 (CL4)	69.89		0.22	J	0.00	ND
52 (CL4)	97.13		0.00	ND	0.18	J
66 (CL4)	150.71		0.00	ND	0.19	J
101 (CL5)	105.11		0.00	ND	0.57	J
105 (CL5)	47.94		0.00	ND	0.00	ND
110/77 (CL5/4)	129.65		0.00	ND	0.00	ND
118/108/149(CL5/5/6)	139.40		0.22	J	0.25	J
128 (CL6)	13.30		0.16	J	0.07	J
138 (CL6)	115.23		1.01	J	1.17	
126 (CL5)		NA		NA		NA
153 (CL6)	128.58		2.08		1.70	
170 (CL7)	3.59		0.00	ND	0.00	ND
180 (CL7)	11.99		0.95	J	0.00	ND
187/182/159(CL7/7/6)	21.92		0.81	J	0.84	J

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		J2022		J2023	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
195 (CL8)	0.76	J	0.25	J	0.17	J
206 (CL9)	0.84	J	0.00	ND	0.00	ND
209 (CL10)	0.83	J	0.00	ND	0.00	ND
Surrogate Recoveries						
DBOFB%:	29.7		27.0		34.3	
PCB#103%:	64.2		42.8		51.8	
PCB#198%:	51.4		30.4		42.1	
PCB #(CHLORINATION)						
7 (CL2)	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	29.50		0.00	ND	0.10	J
24 (CL3)	2.76	J	0.00	ND	0.00	ND
16/32 (CL3)	15.79		0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	9.03		0.00	ND	0.00	ND
25 (CL3)	9.51		0.00	ND	0.00	ND
50 (CL4)	37.48		0.00	ND	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	7.56		0.00	ND	0.00	ND
22 (CL3)	7.08		0.49	J	0.37	J
45 (CL4)	7.82		0.34	J	0.28	J
46 (CL4)	5.91		0.00	ND	0.00	ND
49 (CL4)	94.59		1.20	J	0.78	J
47/48 (CL4)	86.26		0.00	ND	0.00	ND
37/42 (CL4)	42.26		0.00	ND	0.00	ND
41/64 (CL4)	560.87		0.00	ND	0.00	ND
40 (CL4)	10.58		0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	89.51		0.00	ND	1.84	
70 (CL4)	140.77		0.00	ND	0.00	ND
88 (CL5)	16.18		0.00	ND	0.00	ND
60/56 (CL5)	87.68		0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	LAB QA SAMPLE		REPL.1		REPL.2	
LABSAMNO:	Q4612		J2022		J2023	
UNIT:	ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
92? (CL5)	25.05		0.00	ND	0.00	ND
84? (CL5)	25.65		0.00	ND	0.00	ND
99 (CL5)	56.04		0.00	ND	0.15	J
83 (CL5)	8.80		0.00	ND	0.00	ND
97 (CL5)	33.22		0.00	ND	0.00	ND
87 (CL5)	49.26		0.09	J	0.00	ND
85 (CL5)	22.17		0.16	J	0.00	ND
136 (CL6)	7.18		0.10	J	0.00	ND
82 (CL5)	14.51		0.00	ND	0.00	ND
151 (CL6)	13.68		4.01		2.90	
107/108/144(CL5/5/6)	14.59		0.00	ND	0.00	ND
149 (CL6)	50.31		0.43	J	0.51	J
188 (CL7)	0.00	ND	1.38	J	0.67	J
146 (CL6)	11.67		6.07		4.17	
141 (CL6)	0.00	ND	0.00	ND	0.00	ND
137 (CL6)	0.71	J	0.00	ND	0.00	ND
UNK (CL6)	3.37		0.00	ND	0.00	ND
158 (CL7)	9.06		0.00	ND	0.00	ND
129 (CL6)	0.00	ND	0.00	ND	0.00	ND
178 (CL7)	3.44		0.27	J	0.27	J
183 (CL7)	11.07		0.20	J	0.29	J
167 (CL6)	3.53		0.00	ND	0.00	ND
185 (CL7)	0.00	ND	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.37	J	0.39	J
177 (CL7)	8.89		0.32	J	0.26	J
156/171/202(CL6/7/8)	9.77		0.18	J	0.13	J
200 (CL8)	2.92		0.00	ND	0.00	ND
172 (CL7)	0.00	ND	0.35	J	0.28	J
191 (CL7)	0.73	J	0.00	ND	0.00	ND
201 (CL8)	0.40	J	0.00	ND	0.00	ND
196 (CL8)	1.33	J	0.29	J	0.33	J
189 (CL7)	0.00	ND	0.00	ND	0.00	ND
194 (CL8)	0.82	J	0.30	J	0.29	J
205 (CL9)	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	12/05/91		12/10/91		12/10/91		12/12/91		12/12/91	
RECEIPT DATE:										
QCBATCH:	M779		M779		M779		M779		M779	
EXTRACTION DATE:										
METHOD:	GCFID		GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:										
METHOD:	GCMS		GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/06/93		03/06/93		03/06/93		03/06/93		03/06/93	
METHOD:	GCECD		GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		03/15/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:										
SAMPLWT:										
WETWT:	10.405		10.169		10.467		10.153		10.656	
DRYWT:	1.28		1.71		1.69		1.76		1.84	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:										
VOL:										
VOLUNITS:	LITERS		LITERS		LITERS		LITERS		LITERS	
TOTAL BHC'S	0.00	ND	0.38	J	0.37	J	0.61	J	2.83	
TOTAL CHLORDANES	0.45	J	0.43	J	0.41	J	1.53		1.61	
TOTAL DDT'S	2.88	J	4.10		5.22		8.77		8.88	
TOTAL PCB'S	13.9		15.6		17.9		235.1		262.8	
ALPHA-BHC	0.00	ND	0.00	ND	2.09	M	0.00	ND	2.19	
HCB	0.41	J	0.34	J	0.31	J	0.43	J	0.34	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.00	ND	0.38	J	0.37	J	0.61	J	0.64	J
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.10	J	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
ALPHA-CHLORDANE	0.25	J	0.00	ND	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.20	J	0.19	J	0.31	J	0.00	ND	0.00	ND
CIS-NONACHLOR	0.00	ND	0.24	J	0.00	ND	1.53		1.61	
ALDRIN	2.66		1.83		1.91		0.00	ND	1.66	
DIELDRIN	0.79	J	0.66	J	0.00	ND	0.00	ND	0.00	ND
ENDRIN	1.07	J	0.00	ND	0.41	J	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.94	J	0.61	J	1.62		1.63		1.72	
2,4'DDD (O,P'DDD)	0.18	J	0.00	ND	0.00	ND	0.40	J	0.34	J
4,4'DDD (P,P'DDD)	0.00	ND	0.80	J	0.36	J	1.75		1.89	
2,4'DDT (O,P'DDT)	0.85	J	1.58		2.11		3.19		3.03	
4,4'DDT (P,P'DDT)	0.92	J	1.11	J	1.11	J	1.81		1.90	
PCB # (CLORINATION)										
8 (CL2)	0.00	ND	0.00	ND	0.37	J	0.00	ND	0.47	J
18 (CL3)	0.00	ND	0.17	J	0.24	J	0.00	ND	0.38	J
28 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
44 (CL4)	0.00	ND	0.17	J	0.15	J	0.35	J	0.38	J
52 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.72	J	0.75	J
66 (CL4)	0.13	J	0.19	J	0.20	J	0.00	ND	0.00	ND
101 (CL5)	0.48	J	0.00	ND	0.00	ND	7.65		7.95	
105 (CL5)	0.00	ND	0.23	J	0.00	ND	0.00	ND	3.96	
110/77 (CL5/4)	0.00	ND	0.00	ND	0.12	J	0.00	ND	0.00	ND
118/108/149(CL5/5/6)	0.00	ND	0.00	ND	0.06	J	0.00	ND	5.10	
128 (CL6)	0.08	J	0.26	J	0.00	ND	2.15		2.34	
138 (CL6)	1.31	J	0.70	J	0.80	J	39.45		42.83	
126 (CL5)		NA		NA		NA		NA		NA
153 (CL6)	1.74		0.94	J	0.62	J	51.22		49.71	
170 (CL7)	0.00	ND	0.00	ND	0.00	ND	19.69		21.58	
180 (CL7)	0.89	J	0.50	J	0.31	J	42.29		44.22	
187/182/159(CL7/7/6)	0.81	J	0.29	J	0.27	J	27.92		28.90	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
195 (CL8)	0.10	J	0.34	J	0.00	ND	4.43		4.43	
206 (CL9)	0.00	ND	0.63	J	0.00	ND	2.21		2.22	
209 (CL10)	0.00	ND	0.62	J	0.00	ND	0.00	ND	0.00	ND
Surrogate Recoveries										
DBOFB%:	32.7		33.7		34.5		34.0		36.1	
PCB#103%:	51.8		50.8		53.0		52.3		55.8	
PCB#198%:	41.5		44.1		44.9		43.9		47.2	
PCB #(CHLORINATION)										
7 (CL2)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.15	J	0.05	J	0.07	J	0.00	ND	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
50 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.78	J	0.51	J	0.00	ND	0.00	ND	0.49	J
22 (CL3)	0.00	ND	0.46	J	0.43	J	0.00	ND	0.57	J
45 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
49 (CL4)	0.00	ND	0.00	ND	0.54	J	0.00	ND	0.47	J
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.62	J	0.00	ND	0.00	ND	0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	1.17	J	1.00	J	0.64	J	0.00	ND	0.00	ND
70 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
88 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		BERNACCHI		BERNACCHI		OUTFALL		OUTFALL	
ID:	REPL.3		105' REPL.1		105' REPL.2		60' REPL1		60' REPL2	
LABSAMNO:	J2024		J2025		J2026		J2027		J2028	
UNIT:	ng/g		ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
92? (CL5)	0.00	ND	0.00	ND	0.00	ND	1.07	J	1.23	
84? (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	0.04	J	0.00	ND	0.29	J	1.23		1.20	
83 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.12	J	0.16	J
97 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.47	J	0.57	J
87 (CL5)	0.00	ND	0.00	ND	0.00	ND	1.01	J	1.30	
85 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.34	J	0.29	J
136 (CL6)	0.00	ND	0.00	ND	0.00	ND	4.04		4.93	
82 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.08	J	0.14	J
151 (CL6)	1.81		1.85		1.87		13.46		14.54	
107/108/144(CL5/5/6)	0.00	ND	0.00	ND	0.00	ND	8.37		9.93	
149 (CL6)	0.25	J	0.00	ND	0.14	J	34.10		32.71	
188 (CL7)	1.75		3.25		6.26		0.00	ND	1.54	
146 (CL6)	4.08		6.01		5.44		6.25		9.03	
141 (CL6)	0.12	J	0.00	ND	0.00	ND	9.34		9.50	
137 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.24	J	0.26	J
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.00	ND	0.00	ND	0.00	ND	4.15		4.25	
129 (CL6)	0.00	ND	0.00	ND	0.00	ND	0.35	J	0.00	ND
178 (CL7)	0.11	J	0.00	ND	0.00	ND	5.34		5.87	
183 (CL7)	0.31	J	0.00	ND	0.00	ND	12.11		12.49	
167 (CL6)	0.00	ND	0.00	ND	0.00	ND	1.03	J	1.07	J
185 (CL7)	0.00	ND	0.00	ND	0.00	ND	2.51		2.37	
174 (CL7)	0.31	J	0.00	ND	0.00	ND	20.80		22.07	
177 (CL7)	0.16	J	0.00	ND	0.00	ND	11.63		12.22	
156/171/202(CL6/7/8)	0.00	ND	0.00	ND	0.00	ND	8.24		10.32	
200 (CL8)	0.00	ND	0.00	ND	0.00	ND	1.96		2.28	
172 (CL7)	0.36	J	0.19	J	0.26	J	3.66		3.78	
191 (CL7)	0.00	ND	0.00	ND	0.00	ND	1.05	J	1.03	J
201 (CL8)	0.00	ND	0.00	ND	0.00	ND	12.34		12.66	
196 (CL8)	0.35	J	0.00	ND	0.00	ND	10.56		10.00	
189 (CL7)	0.00	ND	0.00	ND	0.00	ND	0.56	J	0.66	J
194 (CL8)	0.17	J	0.00	ND	0.00	ND	7.43		7.77	
205 (CL9)	0.00	ND	0.00	ND	0.00	ND	0.92	J	0.93	J

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		SAMP		SAMP	
COLLECTION DATE:	12/09/91		12/09/91		12/09/91		12/06/91	
RECEIPT DATE:								
QCBATCH:	M779		M779		M779		M780	
EXTRACTION DATE:								
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/06/93		03/07/93		03/06/93		03/07/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	10.641		10.474		10.224		10.356	
DRYWT:	1.78		1.52		2.17		2.05	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
TOTAL BHC'S	2.39		2.66		0.35	J	0.42	J
TOTAL CHLORDANES	2.27		1.88		32.68		0.15	J
TOTAL DDT'S	9.61		8.64		105.90		1.87	
TOTAL PCB'S	286.5		263.9		6250.1		4.8	JJ
ALPHA-BHC	1.96		2.25		0.00	ND	0.00	ND
HCB	4.75		8.43		15.03		0.32	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.43	J	0.41	J	0.35	J	0.42	J
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.00	ND	0.00	ND	0.00	ND	0.03	J
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.00	ND	0.00	ND	1.93		0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.13	J	0.00	ND
ALPHA-CHLORDANE	0.39	J	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.00	ND	0.14	J	2.73		0.12	J
CIS-NONACHLOR	1.88		1.75		27.88		0.00	ND
ALDRIN	1.64		1.88		0.00	ND	0.00	ND
DIELDRIN	0.00	ND	0.00	ND	0.00	ND	0.88	ND
ENDRIN	0.32	J	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	1.69		1.67		31.65		0.17	J
2,4'DDD (O,P'DDD)	0.36	J	0.24	J	4.15		0.00	ND
4,4'DDD (P,P'DDD)	1.83		1.79		13.75		0.00	ND
2,4'DDT (O,P'DDT)	3.65		3.00		48.59		1.09	
4,4'DDT (P,P'DDT)	2.07		1.94		7.77		0.60	J
PCB # (CLORINATION)								
8 (CL2)	0.00	ND	0.00	ND	0.81	J	0.00	ND
18 (CL3)	0.31	J	0.32	J	0.00	ND	0.00	ND
28 (CL3)	0.00	ND	0.00	ND	1.44		0.00	ND
44 (CL4)	0.61	J	0.50	J	3.15		0.10	J
52 (CL4)	1.39		1.38		21.07		0.00	ND
66 (CL4)	0.00	ND	0.00	ND	160.81		0.00	ND
101 (CL5)	10.46		9.78		223.75		0.00	ND
105 (CL5)	7.94		6.76		222.65		0.00	ND
110/77 (CL5/4)	0.00	ND	0.00	ND	108.86		0.07	J
118/108/149(CL5/5/6)	4.12		0.00	ND	193.10		0.00	ND
128 (CL6)	2.57		2.42		128.15		0.00	ND
138 (CL6)	45.75		42.32		432.60		0.82	J
126 (CL5)		NA		NA		NA		NA
153 (CL6)	48.72		47.03		685.10		0.00	ND
170 (CL7)	22.09		19.97		183.80		0.00	ND
180 (CL7)	40.93		40.33		533.80		0.28	J
187/182/159(CL7/7/6)	28.84		26.97		479.40		0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
195 (CL8)	3.79		3.97		121.15		0.00	ND
206 (CL9)	2.07		1.98		45.25		0.00	ND
209 (CL10)	0.00	ND	0.00	ND	1.55		0.00	ND
Surrogate Recoveries								
DBOFB%:	30.3		33.6		33.5		34.5	
PCB#103%:	50.8		53.0		52.4		53.4	
PCB#198%:	42.4		44.5		62.6		49.4	
PCB #(CHLORINATION)								
7 (CL2)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.14	J	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.02	J
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
50 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.50	J	0.56	J	0.00	ND	0.00	ND
22 (CL3)	0.67	J	0.64	J	0.00	ND	0.38	J
45 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
49 (CL4)	0.42	J	0.42	J	5.56		0.00	ND
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.00	ND	2.02		0.00	ND
41/64 (CL4)	0.00	ND	0.00	ND	5.78		0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	0.00	ND	11.76		0.00	ND
70 (CL4)	0.84	J	1.01	J	2.28		0.00	ND
88 (CL5)	0.15	J	0.11	J	6.91		0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	2.02		0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		WINTER QUARTERS		WINTER QUARTERS		BAY OF SAILS	
ID:	70' REPL.1		70' REPL.2		70' REPL.3		REPL.1	
LABSAMNO:	J2029		J2030		J2031		J2032	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
92? (CL5)	1.52		1.44		34.74		0.00	ND
84? (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	2.23		1.66		68.64		0.00	ND
83 (CL5)	0.28	J	0.28	J	4.87		0.00	ND
97 (CL5)	0.86	J	0.90	J	17.75		0.00	ND
87 (CL5)	1.85		1.52		47.32		0.00	ND
85 (CL5)	0.40	J	0.29	J	12.04		0.00	ND
136 (CL6)	5.48		5.16		57.74		0.00	ND
82 (CL5)	0.19	J	0.22	J	3.21		0.00	ND
151 (CL6)	16.01		14.74		427.35		0.00	ND
107/108/144(CL5/5/6)	11.10		9.80		190.92		0.15	ND
149 (CL6)	37.82		38.89		651.16		0.00	ND
188 (CL7)	3.27		1.34		0.00	ND	1.60	ND
146 (CL6)	9.38		8.05		283.59		1.45	ND
141 (CL6)	11.54		10.45		429.37		0.00	ND
137 (CL6)	0.34	J	0.31	J	22.50		0.00	ND
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	4.54		4.49		116.71		0.00	ND
129 (CL6)	0.00	ND	0.00	ND	10.64		0.00	ND
178 (CL7)	5.73		5.46		142.85		0.00	ND
183 (CL7)	12.66		11.71		301.11		0.00	ND
167 (CL6)	1.15		1.03	J	27.26		0.00	ND
185 (CL7)	2.56		2.55		85.59		0.00	ND
174 (CL7)	22.18		21.06		268.32		0.00	ND
177 (CL7)	12.26		11.93		191.44		0.00	ND
156/171/202(CL6/7/8)	10.30		8.81		259.27		0.00	ND
200 (CL8)	2.17		1.84		30.24		0.00	ND
172 (CL7)	3.87		3.59		125.69		0.22	J
191 (CL7)	0.77	J	0.62	J	32.87		0.00	ND
201 (CL8)	12.26		11.97		244.60		0.00	ND
196 (CL8)	10.11		9.92		307.59		0.00	ND
189 (CL7)	0.53	J	0.48	J	27.09		0.00	ND
194 (CL8)	6.80		6.53		272.90		0.00	ND
205 (CL9)	0.62	J	0.60	J	21.91		0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
SAMPLE TYPE:	SAMP		SAMP		DUPE OF J2031		PROC BLANK	
COLLECTION DATE:	12/09/91		12/09/91		12/09/91			
RECEIPT DATE:								
QCBATCH:	M780		M827		M779		M779	
EXTRACTION DATE:			04/26/93					
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/07/93		05/24/93		03/06/93		03/06/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		06/02/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	10.572		10.039		10.089			
DRYWT:	2.50		1.43		2.03		10.00	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
TOTAL BHC'S	0.74	J	0.00	ND	0.48	J	0.00	ND
TOTAL CHLORDANES	4.58		1.84		35.53		0.93	J
TOTAL DDT'S	3.93		8.01		117.48		2.96	
TOTAL PCB'S	143.7		233.8		6375.1		184.2	
ALPHA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HCB	1.82		0.48	J	7.39		0.10	J
BETA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
GAMMA-BHC	0.74	J	0.00	ND	0.48	J	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND	0.00	ND	0.00	ND
HEPTACHLOR	0.98		0.28	J	0.00	ND	0.00	ND
HEPTA-EPOXIDE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
OXYCHLORDANE	0.99		0.00	ND	1.51		0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
GAMMA-CHLORDANE	0.00	ND	0.00	ND	0.22	J	0.00	ND
ALPHA-CHLORDANE	0.00	ND	0.00	ND	0.00	ND	0.00	ND
TRANS-NONACHLOR	0.53	J	0.00	ND	2.34		0.00	ND
CIS-NONACHLOR	2.07		1.56		31.46		0.93	J
ALDRIN	0.00	ND	0.00	ND	0.00	ND	1.09	
DIELDRIN	0.90		0.00	ND	0.00	ND	0.00	ND
ENDRIN	0.00	ND	0.00	ND	0.00	ND	0.00	ND
MIREX	0.00	ND	0.00	ND	0.00	ND	0.00	ND
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	1.11		1.45	R	32.75		1.25	
2,4'DDD (O,P'DDD)	0.00	ND	0.00	ND	4.56		0.00	ND
4,4'DDD (P,P'DDD)	1.00		0.33	J	15.70		0.00	ND
2,4'DDT (O,P'DDT)	0.00	ND	0.42	J	55.81		1.71	
4,4'DDT (P,P'DDT)	1.82		5.81		8.66		0.00	ND
PCB # (CLORINATION)								
8 (CL2)	0.00	ND	1.38	J	1.38		0.00	ND
18 (CL3)	0.00	ND	0.73	J	0.00	ND	0.00	ND
28 (CL3)	0.00	ND	0.30	J	1.46		0.00	ND
44 (CL4)	1.27		0.00	ND	3.50		0.20	J
52 (CL4)	0.52	J	1.39	J	21.15		0.33	J
66 (CL4)	1.45		0.00	ND	176.75		0.00	ND
101 (CL5)	3.54		9.98		225.45		5.08	
105 (CL5)	0.00	ND	0.00	ND	181.64		0.00	ND
110/77 (CL5/4)	1.83		4.06		0.00	ND	0.00	ND
118/108/149(CL5/5/6)	2.77		4.60		195.51		2.91	
128 (CL6)	0.48	J	1.32	J	128.35		1.72	
138 (CL6)	12.19		37.29		461.60		34.43	
126 (CL5)		NA		NA		NA		NA
153 (CL6)	18.46		50.89		695.20		45.65	
170 (CL7)	5.80		15.15		197.80		14.67	
180 (CL7)	14.00		37.76		596.00		36.37	
187/182/159(CL7/7/6)	12.27		36.77		519.10		24.64	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
195 (CL8)	1.23		2.73		124.38		2.59	
206 (CL9)	0.66	J	0.70	J	47.62		1.11	
209 (CL10)	0.00	ND	0.00	ND	0.97	J	0.00	ND
Surrogate Recoveries								
DBOFB%:	37.2		68.2		28.0		33.7	
PCB#103%:	58.8		72.6		47.7		54.2	
PCB#198%:	54.8		56.3		55.4		46.5	
PCB #(CHLORINATION)								
7 (CL2)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
15 (CL2)	0.00	ND	0.00	ND	0.16	J	0.00	ND
24 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
16/32 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
29 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
26 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
25 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
50 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
31 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
22 (CL3)	0.81		0.00	ND	0.00	ND	0.00	ND
45 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
46 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
49 (CL4)	0.15	J	0.00	ND	5.51		0.19	J
47/48 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
37/42 (CL4)	0.00	ND	0.30	J	2.18		0.00	ND
41/64 (CL4)	5.13		0.00	ND	5.83		0.00	ND
40 (CL4)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
100 (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
74 (CL4)	0.17	J	0.00	ND	11.43		0.00	ND
70 (CL4)	1.07	J	0.00	ND	2.28		0.00	ND
88 (CL5)	0.00	ND	0.00	ND	7.19		0.00	ND
60/56 (CL5)	0.00	ND	0.00	ND	1.42		0.00	ND

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	CINDER CONES		WINTER QUARTERS		WINTER QUARTERS		PROC BLANK	
ID:	T BERNACCHII		70' REPL.		70' REPL.3		LAB QA SAMPLE	
LABSAMNO:	J2033		J2064		Q4630		Q4631	
UNIT:	ng/g		ng/g		ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	Conc	DB QUAL
92? (CL5)	0.00	ND	0.59	J	34.97		0.55	J
84? (CL5)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
99 (CL5)	0.72	J	1.75		69.49		1.11	
83 (CL5)	0.00	ND	0.00	ND	5.18		0.00	ND
97 (CL5)	0.00	ND	0.73	J	18.16		0.24	J
87 (CL5)	0.70	J	1.13	J	47.48		0.49	J
85 (CL5)	0.00	ND	0.00	ND	11.85		0.19	J
136 (CL6)	0.00	ND	2.22		59.97		0.00	ND
82 (CL5)	0.00	ND	0.00	ND	2.89		0.00	ND
151 (CL6)	2.44		7.68		443.65		9.91	
107/108/144(CL5/5/6)	1.81		0.00	ND	205.45		3.46	
149 (CL6)	7.75		32.13		687.41		17.83	
188 (CL7)	41.73		0.00	ND	0.00	ND	0.00	ND
146 (CL6)	22.82		15.33		295.72		6.39	
141 (CL6)	2.53		23.05		449.91		6.27	
137 (CL6)	1.93		0.00	ND	24.92		0.33	J
UNK (CL6)	0.00	ND	0.00	ND	0.00	ND	0.00	ND
158 (CL7)	0.77	J	6.23		114.70		3.65	
129 (CL6)	0.00	ND	0.62	J	10.64		0.00	ND
178 (CL7)	2.29		5.70		149.87		4.83	
183 (CL7)	4.74		14.63		315.70		9.71	
167 (CL6)	0.48	J	0.73	J	28.69		0.40	J
185 (CL7)	0.61	J	2.35		88.24		1.99	
174 (CL7)	4.39		21.55		280.80		8.37	
177 (CL7)	2.34		11.18		199.68		5.89	
156/171/202(CL6/7/8)	2.16		0.00	ND	304.47		4.48	
200 (CL8)	0.00	ND	2.20		33.31		0.73	J
172 (CL7)	0.00	ND	2.13		128.40		3.32	
191 (CL7)	0.18	J	0.52	J	32.80		0.71	J
201 (CL8)	4.33		8.90		255.43		8.55	
196 (CL8)	4.31		7.57		318.93		7.75	
189 (CL7)	0.00	ND	0.00	ND	25.75		25.75	
194 (CL8)	2.82		3.55		279.22		6.05	
205 (CL9)	0.44	J	0.00	ND	18.62		0.40	J

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
UNIT:	%		ng/g		ng/g		%	
Analyte (Cont)	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
SAMPLE TYPE:	MS OF J2031		NIST REF		DUPE OF J2033		MS OF J2033	
COLLECTION DATE:	12/09/91		12/06/91		12/09/91			
RECEIPT DATE:								
QCBATCH:	M779		M779		M780		M780	
EXTRACTION DATE:								
METHOD:	GCFID		GCFID		GCFID		GCFID	
ANALYSIS DATE:								
METHOD:	GCMS		GCMS		GCMS		GCMS	
ANALYSIS DATE:	03/06/93		03/06/93		03/07/93		03/07/93	
METHOD:	GCECD		GCECD		GCECD		GCECD	
ANALYSIS DATE:	03/15/93		03/15/93		03/15/93		03/15/93	
MATRIX:	TISSUE		TISSUE		TISSUE		TISSUE	
SUBMAT:								
SAMPLWT:								
WETWT:	10.517		5.013		10.345		10.22	
DRYWT:	2.25		0.62		2.36		2.35	
WTUNITS:	GRAMS DRY		GRAMS DRY		GRAMS DRY		GRAMS DRY	
PCTSOLIDS:								
VOL:								
VOLUNITS:	LITERS		LITERS		LITERS		LITERS	
TOTAL BHC'S	NA		0.00	ND	0.45	J	NA	
TOTAL CHLORDANES	NA		108.76		5.54		NA	
TOTAL DDT'S	NA		112.11		5.23		NA	
TOTAL PCB'S	NA		2696.9		183.2		NA	
ALPHA-BHC	73.0		0.00	ND	0.00	ND	82.0	
HCB	30.0		0.00	ND	0.82	J	45.0	
BETA-BHC	21.0		0.00	ND	0.00	ND	25.0	
GAMMA-BHC	88.0		0.00	ND	0.45	J	98.0	
DELTA-BHC	64.0		0.00	ND	0.00	ND	75.0	
HEPTACHLOR	80.0		16.64		1.61		114.0	
HEPTA-EPOXIDE	74.0		0.00	ND	0.00	ND	79.0	
OXYCHLORDANE	NA		12.52		1.35		NA	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
UNIT:	%		ng/g		ng/g		%	
Analyte (Cont)	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
GAMMA-CHLORDANE	84.0		21.20		0.00	ND	88.0	
ALPHA-CHLORDANE	91.0		23.65		0.00	ND	81.0	
TRANS-NONACHLOR	82.0		20.92		0.82	J	95.0	
CIS-NONACHLOR		NA	13.83		1.76			NA
ALDRIN	82.0		0.00	ND	0.00	ND	91.0	
DIELDRIN	119.0		13.40		1.57		90.0	
ENDRIN	83.0		0.00	ND	0.00	ND	111.0	
MIREX	95.0		0.00	ND	0.00	ND	99.0	
2,4'DDE (O,P'DDE)	59.0		0.00	ND	0.00	ND	65.0	
4,4'DDE (P,P'DDE)	121.0		41.11		2.39		94.0	
2,4'DDD (O,P'DDD)	100.0		9.32		0.00	ND	112.0	
4,4'DDD (P,P'DDD)	106.0		43.23		0.73	J	114.0	
2,4'DDT (O,P'DDT)	80.0		15.55		0.00	ND	81.0	
4,4'DDT (P,P'DDT)	115.0		2.89	J	2.11		83.0	
PCB # (CLORINATION)								
8 (CL2)	104.0		8.26		0.00	ND	109.0	
18 (CL3)	63.0		15.23		0.00	ND	77.0	
28 (CL3)	114.0		143.29		0.00	ND	125.0	
44 (CL4)	108.0		86.30		1.29		114.0	
52 (CL4)	92.0		113.45		0.47	J	117.0	
66 (CL4)	102.0		140.61		1.63		130.0	
101 (CL5)	0.0		126.12		3.07		82.0	
105 (CL5)	-297.0		80.43		0.00	ND	114.0	
110/77 (CL5/4)	82.0		0.00		0.00	ND	78.0	
118/108/149(CL5/5/6)	-35.0		135.61		2.90		120.0	
128 (CL6)	96.0		22.70		0.91		118.0	
138 (CL6)	33.0		205.45		14.50		119.0	
126 (CL5)		NA		NA		NA		NA
153 (CL6)	238.0		221.83		20.14		81.0	
170 (CL7)	19.0		43.65		6.70		116.0	
180 (CL7)	74.0		107.96		15.20		97.0	
187/182/159(CL7/7/6)	52.0		84.40		14.60		84.0	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
UNIT:	%		ng/g		ng/g		%	
Analyte (Cont)	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
195 (CL8)	0.0		8.67		1.46		120.0	
206 (CL9)	86.0		4.15		0.94		116.0	
209 (CL10)	98.0		0.00		0.00	ND	110.0	
Surrogate Recoveries								
DBOFB%:	33.7		30.5		37.6		38.2	
PCB#103%:	52.6		48.2		55.0		55.1	
PCB#198%:	66.6		42.9		55.2		57.8	
PCB #(CHLORINATION)								
7 (CL2)	NA		0.00		0.00	ND	NA	
15 (CL2)	NA		47.28		0.00	ND	NA	
24 (CL3)	NA		3.27		0.00	ND	NA	
16/32 (CL3)	NA		23.70		0.00	ND	NA	
29 (CL3)	NA		0.00		0.00	ND	NA	
26 (CL3)	NA		14.53		0.00	ND	NA	
25 (CL3)	NA		15.62		0.00	ND	NA	
50 (CL4)	NA		26.81		0.00	ND	NA	
31 (CL3)	NA		0.00		0.00	ND	NA	
33 (CL3)	NA		11.95		0.00	ND	NA	
22 (CL3)	NA		14.35		1.75		NA	
45 (CL4)	NA		9.71		0.00	ND	NA	
46 (CL4)	NA		4.58		0.00	ND	NA	
49 (CL4)	NA		119.85		0.17	J	NA	
47/48 (CL4)	NA		113.54		0.00	ND	NA	
37/42 (CL4)	NA		57.52		0.00	ND	NA	
41/64 (CL4)	NA		89.81		6.55		NA	
40 (CL4)	NA		12.67		0.00	ND	NA	
100 (CL5)	NA		0.00		0.00	ND	NA	
74 (CL4)	NA		87.49		0.18	J	NA	
70 (CL4)	NA		136.04		1.12		NA	
88 (CL5)	NA		22.40		0.00	ND	NA	
60/56 (CL5)	NA		80.31		0.00	ND	NA	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	WINTER QUARTERS		NIST REF TISSUE		CINDER CONES		CINDER CONES	
ID:	70' REPL.3		LAB QA SAMPLE		T BERNACCHII		T BERNACCHII	
LABSAMNO:	Q4632		Q4633		Q4634		Q4635	
UNIT:	%		ng/g		ng/g		%	
Analyte (Cont)	% Recov	DB QUAL	Conc	DB QUAL	Conc	DB QUAL	% Recov	DB QUAL
92? (CL5)		NA	32.79		0.00	ND		NA
84? (CL5)		NA	28.83		0.00	ND		NA
99 (CL5)		NA	71.20		0.80	J		NA
83 (CL5)		NA	9.74		0.00	ND		NA
97 (CL5)		NA	39.96		1.03			NA
87 (CL5)	125.0		60.30		0.89	J	124.0	
85 (CL5)		NA	27.02		0.00	ND		NA
136 (CL6)		NA	12.76		0.00	ND		NA
82 (CL5)		NA	14.90		0.00	ND		NA
151 (CL6)		NA	43.24		2.53			NA
107/108/144(CL5/5/6)		NA	29.60		1.80			NA
149 (CL6)		NA	92.58		8.75			NA
188 (CL7)		NA	2.88	J	57.88			NA
146 (CL6)		NA	35.28		32.20			NA
141 (CL6)		NA	0.00	ND	2.90			NA
137 (CL6)		NA	1.51	J	3.38			NA
UNK (CL6)		NA	0.00	ND	0.00	ND		NA
158 (CL7)		NA	18.88		0.82	J		NA
129 (CL6)		NA	0.00	ND	0.00	ND		NA
178 (CL7)		NA	16.46		2.51			NA
183 (CL7)		NA	38.19		6.10			NA
167 (CL6)		NA	6.82		1.31			NA
185 (CL7)		NA	5.84		0.70	J		NA
174 (CL7)		NA	22.64		4.70			NA
177 (CL7)		NA	26.11		2.71			NA
156/171/202(CL6/7/8)		NA	13.19		3.67			NA
200 (CL8)		NA	0.00	ND	0.00	ND		NA
172 (CL7)		NA	12.36		0.00	ND		NA
191 (CL7)		NA	0.00	ND	0.15	J		NA
201 (CL8)		NA	23.04		4.99			NA
196 (CL8)		NA	24.70		4.94			NA
189 (CL7)		NA	0.00	ND	0.00	ND		NA
194 (CL8)		NA	17.15		3.28			NA
205 (CL9)		NA	0.00	ND	0.61	J		NA

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	PROC BLANK		NIST REF TISSUE	
ID:	LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637	
UNIT:	ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL

SAMPLE TYPE:	PROC BLANK	NIST REF	REF OIL	REF OIL
COLLECTION DATE:				
RECEIPT DATE:				
QCBATCH:	M780	M780	M779	M780
EXTRACTION DATE:				
METHOD:	GCFID	GCFID	GCFID	GCFID
ANALYSIS DATE:				
METHOD:	GCMS	GCMS	GCMS	GCMS
ANALYSIS DATE:	03/07/93	03/07/93	03/06/93	03/06/93
METHOD:	GCECD	GCECD	GCECD	GCECD
ANALYSIS DATE:	03/15/93	03/15/93		
MATRIX:	TISSUE	TISSUE	OIL	OIL
SUBMAT:				
SAMPLWT:				
WETWT:		5.139		
DRYWT:	10.00	0.62		
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY
PCTSOLIDS:				
VOL:			1.00	1.00
VOLUNITS:	LITERS	LITERS	AMPOULLE	AMPOULLE

TOTAL BHC'S	0.30	J	0.00	ND
TOTAL CHLORDANES	0.80	J	102.72	
TOTAL DDT'S	1.55	J	104.94	
TOTAL PCB'S	4.0		2394.1	
ALPHA-BHC	0.00	ND	0.00	ND
HCB	0.05	J	0.00	ND
BETA-BHC	0.00	ND	0.00	ND
GAMMA-BHC	0.30	J	0.00	ND
DELTA-BHC	0.00	ND	0.00	ND
HEPTACHLOR	0.23	J	15.58	
HEPTA-EPOXIDE	0.18	J	0.00	ND
OXYCHLORDANE	0.00	ND	14.40	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	PROC BLANK		NIST REF TISSUE	
ID:	LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637	
UNIT:	ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL
GAMMA-CHLORDANE	0.00	ND	19.30	
ALPHA-CHLORDANE	0.17	J	22.63	
TRANS-NONACHLOR	0.22	J	18.33	
CIS-NONACHLOR	0.00	ND	12.48	
ALDRIN	0.00	ND	0.00	ND
DIELDRIN	0.00	ND	10.85	
ENDRIN	0.19	J	0.00	ND
MIREX	0.00	ND	0.78	J
2,4'DDE (O,P'DDE)	0.00	ND	0.00	ND
4,4'DDE (P,P'DDE)	0.36	J	37.31	
2,4'DDD (O,P'DDD)	0.11	J	6.55	
4,4'DDD (P,P'DDD)	0.35	J	46.27	
2,4'DDT (O,P'DDT)	0.27	J	11.73	
4,4'DDT (P,P'DDT)	0.44	J	3.08	J
PCB # (CLORINATION)				
8 (CL2)	0.24	ND	8.62	
18 (CL3)	0.20	ND	15.64	
28 (CL3)	0.00	ND	148.07	
44 (CL4)	0.34	ND	91.44	
52 (CL4)	0.13	ND	112.78	
66 (CL4)	0.11	J	155.22	
101 (CL5)	0.00	ND	122.20	
105 (CL5)	0.10	J	79.60	
110/77 (CL5/4)	0.00	ND	0.00	ND
118/108/149(CL5/5/6)	0.11	J	141.81	
128 (CL6)	0.00	ND	17.85	
138 (CL6)	1.30		127.38	
126 (CL5)		NA		NA
153 (CL6)	0.65	J	121.20	
170 (CL7)	0.00	ND	0.00	ND
180 (CL7)	0.56	J	14.83	
187/182/159(CL7/7/6)	0.41	J	27.29	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	PROC BLANK		NIST REF TISSUE	
ID:	LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637	
UNIT:	ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL
195 (CL8)	0.19	J	0.00	ND
206 (CL9)	0.21	J	0.00	ND
209 (CL10)	0.22	J	0.00	ND
Surrogate Recoveries				
DBOFB%:	34.7		33.3	
PCB#103%:	56.7		53.2	
PCB#198%:	53.7		49.6	
PCB #(CHLORINATION)				
7 (CL2)	0.00	ND	0.00	
15 (CL2)	0.00	ND	50.54	
24 (CL3)	0.00	ND	5.77	
16/32 (CL3)	0.00	ND	26.82	
29 (CL3)	0.04	J	0.00	ND
26 (CL3)	0.00	ND	15.83	
25 (CL3)	0.00	ND	15.70	
50 (CL4)	0.00	ND	32.19	
31 (CL3)	0.00	ND	0.00	ND
33 (CL3)	0.00	ND	12.41	
22 (CL3)	0.00	ND	13.77	
45 (CL4)	0.00	ND	10.92	
46 (CL4)	0.00	ND	4.69	
49 (CL4)	0.14	J	124.60	
47/48 (CL4)	0.00	ND	93.80	
37/42 (CL4)	0.00	ND	67.63	
41/64 (CL4)	0.00	ND	73.35	
40 (CL4)	0.00	ND	13.19	
100 (CL5)	0.00	ND	0.00	ND
74 (CL4)	0.00	ND	93.84	
70 (CL4)	0.00	ND	145.06	
88 (CL5)	0.00	ND	23.70	
60/56 (CL5)	0.00	ND	88.26	

Antarctic Palmer Fish Samples Pesticides and PCB Data

INVEST#:	PROC BLANK		NIST REF TISSUE	
ID:	LAB QA SAMPLE		LAB QA SAMPLE	
LABSAMNO:	Q4636		Q4637	
UNIT:	ng/g		ng/g	
Analyte (Cont)	Conc	DB QUAL	Conc	DB QUAL
92? (CL5)	0.00	ND	30.75	
84? (CL5)	0.00	ND	0.00	ND
99 (CL5)	0.00	ND	70.32	
83 (CL5)	0.00	ND	6.47	
97 (CL5)	0.00	ND	38.54	
87 (CL5)	0.11	J	59.16	
85 (CL5)	0.00	ND	28.29	
136 (CL6)	0.00	ND	7.76	
82 (CL5)	0.00	ND	17.44	
151 (CL6)	0.00	ND	21.88	
107/108/144(CL5/5/6)	0.00	ND	22.67	
149 (CL6)	0.12	J	56.22	
188 (CL7)	0.47	J	2.00	J
146 (CL6)	0.11	J	23.62	
141 (CL6)	0.09	J	0.00	ND
137 (CL6)	0.00	ND	1.48	J
UNK (CL6)	0.00	ND	6.53	
158 (CL7)	0.00	ND	12.76	
129 (CL6)	0.00	ND	0.00	ND
178 (CL7)	0.00	ND	4.41	
183 (CL7)	0.00	ND	14.64	
167 (CL6)	0.00	ND	5.06	
185 (CL7)	0.00	ND	0.00	ND
174 (CL7)	0.00	ND	0.36	J
177 (CL7)	0.00	ND	11.13	
156/171/202(CL6/7/8)	0.00	ND	9.60	
200 (CL8)	0.00	ND	0.00	ND
172 (CL7)	0.26	J	4.27	
191 (CL7)	0.00	ND	0.00	ND
201 (CL8)	0.00	ND	0.00	ND
196 (CL8)	0.00	ND	2.89	J
189 (CL7)	0.00	ND	0.83	J
194 (CL8)	0.14	J	1.44	J
205 (CL9)	0.00	ND	0.91	J

Palmer Fish Metal Data

Antarctic Palmer Fish Samples Metal Data

INVEST#:	C. NEGLECTA	CORIICEPS	C. ACERATUS	N. GIBBERIFRONS	N. GIBBERIFRONS	CORIICEPS
ID:	LOWE ISLAND	LOWE ISLAND	LOWE ISLAND	DALLMAN BAY	DALLMAN BAY	BAHIA PARAISO
LABSAMNO:	J2013	J2014	J2015	J2016	J2017	J2018
SAMPLE TYPE:	SAMP	SAMP	SAMP	SAMP	SAMP	SAMP
COLLECTION DATE:	03/28/92	03/28/92	03/28/92	04/05/92	04/05/92	04/22/92
MATRIX:	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE
ADGDAT	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92
HGDGDAT	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92
SAMPTYPE	SAMP	SAMP	SAMP	SAMP	SAMP	SAMP
Acid Digest Wt:	0.211	0.203	0.195	0.202	0.207	0.034
Hg Digest Wt	0.204	0.192	0.204	0.192	0.190	0.185
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY
UNIT:	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Ag	0.000 ND	0.113 J	0.000 ND	0.244	0.000 ND	0.672 J
As	2.5	4.9	12.9	5.9	5.5	0.6 J
Cd	0.04 J	2.05	1.63	5.12	0.02 J	4.76
Cr	2.2	0.3 J	2.5	2.2	1.4	0.4 J
Cu	1.08 J	3.03	3.22	4.66	0.48 J	8.05
Fe	36.3 J	126	85	317	13.6 J	147 J
Hg	0.226	0.182	0.517	0.124 J	0.218	0.146 J
Ni	1.14	0.29 J	3.66	2.07	0.98	1.58 J
Pb	0.06 J	0.02 J	0.03 J	0.13 J	0.05 J	0.25 J
Se	2.17 J	6.39	5.72	7.91	3.21	6.05 J
Sn	0.00 ND	0.04 J	0.00 ND	0.00 ND	0.01 J	0.00 ND
Zn	38	84	89	81	21	102

Antarctic Palmer Fish Samples Metal Data

INVEST#:	CORIICEPS	CORIICEPS	CORIICEPS	CINDER CONES	CINDER CONES
ID:	BAHIA PARAISO	PALMER STATION	PALMER STATION	REPL.1	REPL.2
LABSAMNO:	J2019	J2020	J2021	J2022	J2023
SAMPLE TYPE:	SAMP	SAMP	SAMP	SAMP	SAMP
COLLECTION DATE:	04/22/92	03/29/92	03/29/92	12/05/91	12/05/91
MATRIX:	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE
ADGDAT	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92
HGDGDAT	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92
SAMPTYPE	SAMP	SAMP	SAMP	SAMP	SAMP
Acid Digest Wt:	0.193	0.195	0.203	0.200	0.182
Hg Digest Wt	0.203	0.188	0.193	0.187	0.214
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY
UNIT:	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Ag	0.000 ND	0.094 J	0.000 ND	1.917	3.014
As	1.8	4.5	0.7 J	19.9	24.2
Cd	0.03 J	1.23	0.02 J	23.14	24.57
Cr	1.9	1.1	1.1	27.6	91.0
Cu	1.46	6.08	1.18 J	15.14	16.67
Fe	26.3 J	377	28.5 J	9578	7119
Hg	0.165 J	0.170 J	0.372	0.026 J	0.037 J
Ni	1.14	0.68 J	0.76 J	20.7	59.4
Pb	0.12 J	0.32 J	0.14 J	0.95	1.07
Se	0.87 J	6.46	0.60 J	16.3	19.1
Sn	0.01 J	0.00 ND	0.00 ND	0.00 ND	0.02 J
Zn	29	79	36	186	70

Antarctic Palmer Fish Samples Metal Data

INVEST#:	CINDER CONES	BERNACCHI	BERNACCHI	OUTFALL	OUTFALL	WINTER QUARTERS
ID:	REPL.3	105' REPL.1	105' REPL.2	60' REPL1	60' REPL2	70' REPL.1
LABSAMNO:	J2024	J2025	J2026	J2027	J2028	J2029
SAMPLE TYPE:	SAMP	SAMP	SAMP	SAMP	SAMP	SAMP
COLLECTION DATE:	12/05/91	12/10/91	12/10/91	12/12/91	12/12/91	12/09/91
MATRIX:	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE
ADGDAT	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92	10/13/92
HGDGDAT	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92
SAMPTYPE	SAMP	SAMP	SAMP	SAMP	SAMP	SAMP
Acid Digest Wt:	0.196	0.207	0.201	0.200	0.205	0.208
Hg Digest Wt	0.190	0.212	0.213	0.198	0.190	0.204
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY
UNIT:	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Ag	2.653	1.916	1.783	1.004	0.961	0.823
As	21.4	19.2	18.7	23.8	22.9	35.5
Cd	22.31	11.79	11.23	10.36	10.54	11.01
Cr	17.6	20.7	33.5	47.7	73.7	36.8
Cu	14.31	9.21	9.07	20.07	19.05	26.26
Fe	7920	8923	8197	22778	20500	20985
Hg	0.033 J	0.023 J	0.000 ND	0.048 J	0.042 J	0.070 J
Ni	13.3	24.4	30.2	38.4	53.7	29.2
Pb	0.87	1.11	1.10	12.3	11.8	13.5
Se	14.9	8.77	8.80	8.59	8.61	9.19
Sn	0.53 J	0.00 ND	0.05 J	0.00 ND	0.04 J	0.19 J
Zn	173	168	151	160	162	174

Antarctic Palmer Fish Samples Metal Data

INVEST#:	WINTER QUARTERS	WINTER QUARTERS	BAY OF SAILS	CINDER CONES	WINTER QUARTERS
ID:	70' REPL.2	70' REPL.3	REPL.1	T BERNACCHII	70' REPL.
LABSAMNO:	J2030	J2031	J2032	J2033	J2064
SAMPLE TYPE:	SAMP	SAMP	SAMP	SAMP	SAMP
COLLECTION DATE:	12/09/91	12/09/91	12/06/91	12/09/91	12/09/91
MATRIX:	TISSUE	TISSUE	TISSUE	TISSUE	TISSUE
ADGDAT	10/13/92	10/13/92	10/13/92	10/13/92	11/17/93
HGDGDAT	10/09/92	10/09/92	10/09/92	10/09/92	
SAMPTYPE	SAMP	SAMP	SAMP	SAMP	SAMP
Acid Digest Wt:	0.197	0.201	0.204	0.209	0.146
Hg Digest Wt	0.201	0.191	0.224	0.198	
WTUNITS:	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY	GRAMS DRY
UNIT:	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Ag	0.724	0.049 J	2.286	0.047 J	0.307
As	35.0	35.2	25.3	23.9	16.2
Cd	10.29	0.36	16.75	0.63	17.8
Cr	28.1	11.7	85.9	36.3	48.0
Cu	25.33	4.05	12.40	3.04	13.01
Fe	31848	276	7695	775	1464
Hg	0.028 J	0.316	0.007 J	0.129 J	0.109 J
Ni	21.7	3.26	62.8	8.86	32.2
Pb	16.5	0.89	1.17	0.31 J	4.08
Se	8.74	3.85	16.3	4.52	10.77
Sn	0.37 J	2.02	0.00 ND	0.10 J	1.11 J
Zn	174	75	163	79	210

METHOD DETECTION LIMITS

Aromatic Method Detection Limits

Method Detection Limits - Aromatics

	Sediments			Tissues	
	Compound	May '94		Compound	May '94
	Sample Dry Weight (g)	15		Sample Dry Weight (g)	1
	Final Volume (ml)	1		Final Volume (ml)	1
	Units	ng/g Dry		Units	ng/g Dry
*	NAPHTHALENE	1.1	*	NAPHTHALENE	6.2
	C1-NAPHTHALENES	2.3		C1-NAPHTHALENES	19.6
	C2-NAPHTHALENES	1.2		C2-NAPHTHALENES	17.3
	C3- & C4-NAPHTHALENES	1.3		C3- & C4-NAPHTHALENES	24.8
*	BIPHENYL	0.4	*	BIPHENYL	9.2
*	ACENAPHTHYLENE	0.5	*	ACENAPHTHYLENE	7.3
*	ACENAPHTHENE	0.6	*	ACENAPHTHENE	8.5
*	FLUORENE	0.6	*	FLUORENE	9.3
	C1- to C3-FLUORENES	1.2		C1- to C3-FLUORENES	18.6
*	PHENANTHRENE	0.6	*	PHENANTHRENE	3.5
*	ANTHRACENE	0.5	*	ANTHRACENE	2.3
	C1- to C4-PHENANTHRENES & ANTHRACENES	1.1		C1- to C4-PHENANTHRENES & ANTHRACENES	29.9
*	DIBENZOTHIOPHENE	0.5	*	DIBENZOTHIOPHENE	2.2
	C1- tO C3-DIBENZOTHIOPHENES	1		C1- tO C3-DIBENZOTHIOPHENES	4.4
*	FLUORANTHENE	0.3	*	FLUORANTHENE	4.2
*	PYRENE	0.4	*	PYRENE	4.4
	C1-FLUORANTHENES & & PYRENES	0.7		C1-FLUORANTHENES & & PYRENES	8.7
*	BENaANTHRACENE	0.4	*	BENaANTHRACENE	5.1
*	CHRYSENE	0.3	*	CHRYSENE	11.1
	C1- to C4-CHRYSENES	0.7		C1- to C4-CHRYSENES	22.1
*	BENbFLUORANTHENE	0.3	*	BENbFLUORANTHENE	4
*	BENkFLUORANTHENE	0.3	*	BENkFLUORANTHENE	4
*	BENePYRENE	0.2	*	BENePYRENE	2.5
*	BENaPYRENE	0.3	*	BENaPYRENE	4.9
*	PERYLENE	2.7	*	PERYLENE	4.8
*	I123cdPYRENE	0.3	*	I123cdPYRENE	5.6
*	DBahANTHRACENE	0.4	*	DBahANTHRACENE	2.8
*	BghiPERYLENE	0.3	*	BghiPERYLENE	3
*	2-METHYLNAPHTHALENE	1.2	*	2-METHYLNAPHTHALENE	10.5
*	1-METHYLNAPHTHALENE	1.1	*	1-METHYLNAPHTHALENE	9
*	2,6-DIMETHNAPHTHALENE	0.6	*	2,6-DIMETHNAPHTHALENE	8.7
*	1,6,7-TRIMETHNAPH	0.7	*	1,6,7-TRIMETHNAPH	12.4
*	1-METHYLPHENANTHRENE	0.5	*	1-METHYLPHENANTHRENE	14.9

* MDL's based on authentic standards; other compounds estimated from closest related compound.

MDL Determinations

Sediment Matrix

Sediment was acquired from GERG's Geochemical Prospecting archives. Oven dried sediment from the Gulf of Mexico was pre-extracted by Soxhlet extraction for four hours with methylene chloride three times. The extracted sediment was thoroughly homogenized and seven aliquots of 15.0 grams were taken. Since this sediment was dry, 15 mL of HPLC grade water was added to each and thoroughly homogenized to simulate wet sediment. These aliquots were then fortified with the spike solution to yield final extract concentrations of ~3 ppb for PHC's and ~6 ppb for PAH's on a dry weight basis. These values are selected to be between 1 and 5 times the MDL based on historical data. Samples were extracted and purified according to the GERG SOP-8902. The final volume of extract was reduced to 1.0 mL.

The MDL's for all peaks in the spiking solution were calculated according to the procedures outlined in the Federal Registry (Vol. 49, No 209). The MDL for an analyte is the standard deviation of the seven replicates times the student's *t* value (2.681) for a one-tailed test at the 99% confidence level with n-1(6) degrees of freedom. For compounds not in the spiking solution and not found in the actual matrix at required levels, MDLs were estimated. Dibenzothiophene (DBT) was not available. Therefore the MDL levels for phenanthrene was used. For alkylated PAH homologues, MDL's were estimated as twice that of a similar authentic compound. Homologue clusters can contain a number of isomers complicating the determination of the MDL. The MDL for C_2-naphthalenes is assumed be twice the MDL for 2,6-dimethylnaphthalene (0.6*2=1.2). If no standard was available for a given alkylation, the nearest alkylated homologue or parent was used. For example, the MDL for alkylated dibenzothiophenes, was assumed to be twice that for DBT. Since both isomers of the C_1-naphthalenes are present in the spike solution, the MDL for these data was assumed to be two times the average of the MDL's for 1-methyl and 2-methylnaphthalene. For C_1-fluoranthenes and pyrenes, the MDL was assumed to be 2 times the average MDL for fluoranthene and pyrene.

Tissue Matrix

Fresh oyster tissue was purchased from a local market. The tissue was thoroughly homogenized and seven aliquots of 10.0 gram wet weight were taken. These aliquots were fortified with the spike solution to yield final extract concentrations of ~3 ppb for PHC's and ~6 ppb for PAH's on a wet weight basis. These values are selected to be between 1 and 5 times the estimated MDL based on historical data. Analyte levels greater than 10 times the MDL were not used to calculate to the MDLs by definition. Samples were extracted and purified according to the GERG SOP-8903. Percent moisture was determined for the tissue as outlined in GERG SOP-8903. The extracts were then sent to the analytical lab for analysis, using

GERG SOP-8904 for PHC's and GERG SOP-8905 for PAH's. Analyte concentrations were calculated on a dry weight basis.

The MDL's (Tables 3 & 4) for all target analytes were calculated according to the procedures outlined in the Federal Registry (Vol. 49, No 209). The MDL for an analyte is the standard deviation of the seven replicates times the student's *t* value (2.681) for a one-tailed test at the 99% confidence level with n-1(6) degrees of freedom. For compounds not in the spiking solution and not found in the actual matrix, MDLs were estimated. Dibenzothiophene was not available. Therefore the MDL levels for phenanthrene was used. For alkylated PAH homologues, MDL's were estimated as twice that of a similar authentic compound. Homologue clusters can contain a number of isomers complicating the determination of the MDL. The MDL for C_2-naphthalenes is assumed be twice the MDL for 2,6-dimethylnaphthalene (8.3*2=16.5). If no standard was available for a given alkylation, the nearest alkylated homologue or parent was used. For example, the MDL for alkylated dibenzothiophenes, was assumed to be twice that for DBT. Since both isomers of the C_1-naphthalenes are present in the spike solution, the MDL for these data was assumed to be two times the average of the MDL's for 1-methyl and 2-methylnaphthalene. For C_1-fluoranthenes and pyrenes, the MDL was estimated as 2 times the average MDL for fluoranthene and pyrene.

Pesticides and PCBs Method Detection Limits

Mussel Watch Year 8 - Bivalve Pesticide and PCB Method Detection Limits

RAW FILE #	DESIGNATOR	DBOFB % RECOV	PCB #103 % RECOV	PCB #198 % RECOV	HCB (ppb)	LINDANE (ppb)	HEPTA-CHLOR (ppb)	ALDRIN (ppb)	HEPTA EPOXIDE
Q1249P	MDL 2	67.6%	66.7%	68.7%	0.71	2.99	1.87	2.19	0.71
Q1250P	MDL 3	67.4%	65.5%	68.6%	0.87	3.10	1.95	2.01	0.71
Q1251P	MDL 4	68.8%	68.6%	71.9%	0.82	2.99	2.10	2.13	0.61
Q1252P	MDL 5	64.0%	66.0%	67.0%	1.13	2.84	2.12	1.89	1.11
Q1253P	MDL 6	67.9%	70.0%	72.2%	0.74	2.84	1.88	2.26	0.52
Q1254P	MDL 7	70.9%	72.0%	72.7%	0.49	2.92	1.76	1.87	0.91
Q1255P	MDL 8	64.3%	65.1%	67.2%	0.73	2.75	1.59	1.80	0.91
Average					0.783	2.919	1.898	2.022	0.781
Variance					0.032	0.012	0.030	0.027	0.037
Std Deviation					0.179	0.111	0.172	0.164	0.191
Coef of Variation					22.9%	3.8%	9.1%	8.1%	24.5%
MDL					**0.537**	**0.331**	**0.515**	**0.491**	**0.573**
LCL					0.344	0.212	0.330	0.315	0.367
UCL					1.182	0.729	1.134	1.081	1.262

Mussel Watch Year 8 - Bivalve Pesticide and PCB Method Detection Limits

RAW FILE #	DESIGNATOR	ALPHA-CHLORDANE (ppb)	TRANS-NONACHLOR (ppb)	DIELDRIN (ppb)	MIREX (ppb)	2,4' DDE (O,P' DDE) (ppb)	4,4' DDE (P,P' DDE) (ppb)	2,4' DDD (O,P DDD) (ppb)	ENDRIN (ppb)
Q1249P	MDL 2	1.15	21.51	4.16	2.21	1.83	11.49	2.30	2.89
Q1250P	MDL 3	1.34	22.92	4.51	2.29	1.58	11.98	2.10	2.89
Q1251P	MDL 4	1.19	22.41	4.61	2.00	1.61	11.82	2.01	2.86
Q1252P	MDL 5	1.74	20.93	4.24	2.37	1.65	11.43	2.02	2.66
Q1253P	MDL 6	1.10	21.77	4.31	2.54	1.62	11.36	1.78	2.66
Q1254P	MDL 7	1.45	21.38	4.03	2.30	1.49	11.98	1.79	2.69
Q1255P	MDL 8	1.74	22.10	3.96	2.00	1.72	11.95	1.62	2.40
Average		1.387	21.860	4.259	2.244	1.644	11.720	1.945	2.722
Variance		0.063	0.384	0.049	0.033	0.010	0.064	0.046	0.027
Std Deviation		0.251	0.620	0.221	0.181	0.098	0.252	0.214	0.163
Coef of Variation		18.1%	2.8%	5.2%	8.1%	6.0%	2.2%	11.0%	6.0%
MDL		**0.752**	**1.858**	**0.663**	**0.543**	**0.295**	**0.756**	**0.642**	**0.488**
LCL		0.481	1.189	0.424	0.347	0.189	0.484	0.411	0.313
UCL		1.653	4.088	1.458	1.194	0.650	1.662	1.413	1.074

Mussel Watch Year 8 - Bivalve Pesticide and PCB Method Detection Limits

RAW FILE #	DESIGNATOR	4,4' DDD (P,P' DDD) (ppb)	2,4' DDT (O,P' DDT) (ppb)	4,4' DDT (P,P' DDT) (ppb)	PCB #8 (CL2) (ppb)	PCB #18 (CL3) (ppb)	PCB #28 (CL3) (ppb)	PCB #44 (CL4) (ppb)	PCB #52 (CL4) (ppb)
Q1249P	MDL 2	3.58	1.12	2.96	1.9	0.9	2.2	2.4	2.7
Q1250P	MDL 3	3.59	1.01	2.98	1.6	0.9	2.2	2.5	3.4
Q1251P	MDL 4	3.77	0.94	2.92	1.5	1.0	1.9	2.5	3.4
Q1252P	MDL 5	3.93	1.39	2.93	2.1	1.4	2.0	2.5	3.7
Q1253P	MDL 6	3.62	0.91	2.77	1.8	1.1	2.0	2.5	3.1
Q1254P	MDL 7	3.56	1.17	2.78	1.5	1.1	2.1	2.5	3.2
Q1255P	MDL 8	3.58	1.20	2.61	1.2	1.1	1.8	2.3	3.4
Average		3.660	1.108	2.848	1.640	1.076	2.039	2.456	3.253
Variance		0.016	0.024	0.016	0.078	0.030	0.014	0.006	0.094
Std Deviation		0.128	0.156	0.126	0.280	0.174	0.118	0.080	0.306
Coef of Variation		3.5%	14.1%	4.4%	17.1%	16.2%	5.8%	3.3%	9.4%
MDL		**0.384**	**0.468**	**0.379**	**0.839**	**0.522**	**0.354**	**0.241**	**0.917**
LCL		0.246	0.299	0.242	0.537	0.334	0.227	0.154	0.587
UCL		0.845	1.029	0.833	1.847	1.148	0.779	0.530	2.017

Mussel Watch Year 8 - Bivalve Pesticide and PCB Method Detection Limits

RAW FILE #	DESIGNATOR	PCB #66 (CL4) (ppb)	PCB #101 (CL5) (ppb)	PCB #105 (CL5) (ppb)	PCB#110/77 (CL5/4) (ppb)	PCB #118 (CL5) (ppb)	PCB #128 (CL6) (ppb)	PCB #138 (CL6) (ppb)	PCB#126 (CL5) (ppb)
Q1249P	MDL 2	2.9	2.7	3.0	3.0	3.5	2.9	8.1	1.9
Q1250P	MDL 3	2.5	2.9	3.2	3.6	3.5	3.0	7.8	1.5
Q1251P	MDL 4	2.6	2.8	3.1	3.7	3.3	2.8	13.6	2.0
Q1252P	MDL 5	2.5	3.1	4.0	2.7	3.6	3.0	7.7	2.3
Q1253P	MDL 6	2.6	2.6	3.0	2.9	3.2	3.0	9.1	1.8
Q1254P	MDL 7	2.6	2.9	3.6	2.8	3.5	3.2	8.1	2.0
Q1255P	MDL 8	2.5	3.1	3.6	3.4	3.2	2.7	7.9	1.7
Average		2.597	2.876	3.347	3.156	3.397	2.957	8.887	1.911
Variance		0.017	0.029	0.128	0.138	0.024	0.018	3.871	0.058
Std Deviation		0.129	0.171	0.358	0.371	0.156	0.133	1.967	0.241
Coef of Variation		5.0%	5.9%	10.7%	11.8%	4.6%	4.5%	22.1%	12.6%
MDL		**0.386**	**0.512**	**1.074**	**1.113**	**0.467**	**0.400**	**5.898**	**0.722**
LCL		0.247	0.328	0.688	0.712	0.299	0.256	3.775	0.462
UCL		0.850	1.127	2.363	2.449	1.028	0.880	12.976	1.589

Mussel Watch Year 8 - Bivalve Pesticide and PCB Method Detection Limits

RAW FILE #	DESIGNATOR	PCB #153 (CL6) (ppb)	PCB #170 (CL7) (ppb)	PCB #180 (CL7) (ppb)	PCB #187 (CL7) (ppb)	PCB #195 (CL8) (ppb)	PCB #206 (CL9) (ppb)	PCB #209 (CL10) (ppb)
Q1249P	MDL 2	5.3	INT	4.2	6.1	2.6	1.2	10.0
Q1250P	MDL 3	5.6	INT	4.3	6.0	2.7	1.7	10.5
Q1251P	MDL 4	5.5	INT	4.1	5.4	2.3	1.7	10.5
Q1252P	MDL 5	6.8	INT	4.4	5.8	2.8	1.5	10.5
Q1253P	MDL 6	5.5	INT	4.4	6.0	1.9	1.4	10.4
Q1254P	MDL 7	6.3	INT	4.4	5.6	2.5	1.4	10.0
Q1255P	MDL 8	6.2	INT	4.4	5.8	2.8	1.1	10.5
Average		5.896		4.312	5.805	2.516	1.436	10.327
Variance		0.275		0.014	0.056	0.087	0.039	0.038
Std Deviation		0.524		0.119	0.238	0.296	0.197	0.196
Coef of Variation		8.9%		2.8%	4.1%	11.7%	13.7%	1.9%
MDL		1.572		0.358	0.712	0.888	0.591	0.587
LCL		1.006		0.229	0.456	0.567	0.378	0.376
UCL		3.458		0.788	1.567	1.949	1.301	1.292

Trace Metals Method Detection Limits

Mussel Watch Project Year 8 - Trace Metal Method Detection Limits

	Ag ppm	Al ppm	As ppm	Cd ppm	Cr ppm	Cu ppm	Fe ppm	Hg ppm	Mn ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Zn ppm
Sediments															
T-1	0.128	3476	4.17	0.275	2.03	4.23	378	0.113	126	4.9	3.81	0.325	0.429	0.333	41.2
T-2	0.129	3414	4.18	0.273	2.01	4.24	379	0.113	127	4.63	3.71	0.378	0.347	0.325	41.7
T-3	0.128	3430	4.11	0.259	2	4.33	387	0.108	125	5.03	3.67	0.317	0.427	0.33	40.8
T-4	0.122	3416	4.02	0.265	2.02	4.04	387	0.109	126	4.95	3.71	0.313	0.412	0.297	40.8
T-5	0.125	3469	4.02	0.273	2	4.24	384	0.111	124	4.94	3.77	0.288	0.354	0.293	42.1
T-6	0.116	3551	4.17	0.273	2.02	3.89	382	0.11	124	5.01	3.8	0.327	0.376	0.311	40.9
T-7	0.123	3571	4.23	0.264	2	4.31	379	0.109	126	5.04	3.71	0.404	0.379	0.295	40.7
T-8	0.124	3559	4.06	0.273	2.05	4.2	384	0.112	124	4.77	3.73	0.366	0.398	0.276	41
Standard Dev.	0.004	65.9	0.08	0.006	0.018	0.148	3.59	0.002	1.16	0.142	0.049	0.039	0.031	0.021	0.499
MDL	0.013	198	0.24	0.018	0.05	0.044	11	0.006	3.5	0.4	0.15	0.1	0.1	0.1	1.5
Tissues															
S - 1	0.281	3.54	0.73	0.201	0.494	3.22	178	0.127		1.22	0.745		2.16	0.819	14
S - 2	0.274	3.64	0.637	0.196	0.499	3.22	176	0.123		1.19	0.878		2.2	0.753	14.5
S - 3	0.27	3.2	0.703	0.19	0.446	3.27	170	0.125		1.22	0.715		2.08	0.787	14.4
S - 4	0.267	3.21	0.695	0.2	0.537	3.15	174	0.121		1.31	0.691		2.1	0.848	14.7
S - 5	0.26	3.2	0.786	0.192	3535	3.24	174	0.135		1.31	0.738		2.04	0.753	14.5
S - 6	0.253	3.8	0.834	0.191	0.437	3.12	172	0.124		1.16	0.75		2.15	0.803	14.1
S - 7	0.266	3.62	0.843	0.194	0.498	3.19	175	0.134		1.06	0.699		2.16	0.85	13.7
S - 8	0.249	3.46	0.771	0.195	0.4	3.1	170	0.122		1.21	0.767		2.13	0.846	13.7
Standard Dev.	0.0152	0.232	0.072	0.004	0.049	0.06	2.825	0.005		0.081	0.032		0.051	0.04	0.382
MDL	0.035	0.7	0.2	0.012	0.15	0.18	8.5	0.016		0.24	0.1		0.15	0.12	1.2

DATE DUE

GAYLORD No. 2333 PRINTED IN U.S.A.

NOAA COASTAL SERVICES CENTER LIBRARY

3 6668 14106 7399