Exponent®

NASSCO and Southwest Marine Detailed Sediment Investigation

Volume II
Appendices A–E

Prepared for

NASSCO and Southwest Marine
San Diego, California

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Prepared for

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San Diego, CA 92113

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Volume II

Appendix A

Sediment Profile Images and Data Summary

(Images available on separate CD)

Key to sediment profile images provided on CDs

SPI station	Field_rep	Site	PhotoCD	Image Number
REF01	A	Reference	3 of 3	62
REF01	B	Reference	3 of 3	63
REF01	C	Reference	3 of 3	64
REF01	D	Reference	3 of 3	65
REF01	E	Reference	3 of 3	66
REF02	A	Reference	3 of 3	67
REF02	B	Reference	3 of 3	68
REF02	C	Reference	3 of 3	69
REF02	D	Reference	3 of 3	71
REF02	E	Reference	3 of 3	70
REF03	A	Reference	3 of 3	72
REF03	B	Reference	3 of 3	73
REF03	C	Reference	3 of 3	74
REF03	D	Reference	3 of 3	75
REF03	E	Reference	3 of 3	76
REF04	A	Reference	3 of 3	77
REF04	B	Reference	3 of 3	78
REF04	C	Reference	3 of 3	79
REF04	D	Reference	3 of 3	80
REF04	E	Reference	3 of 3	81
REF04	F	Reference	3 of 3	82
REF05	A	Reference	3 of 3	83
REF05	B	Reference	3 of 3	84
REF05	C	Reference	3 of 3	85
REF05	D	Reference	3 of 3	86
REF05	E	Reference	3 of 3	87
1	A	SWM	1 of 3	2
1	B	SWM	1 of 3	3
1	C	SWM	1 of 3	4
2	A	SWM	1 of 3	5
2	B	SWM	1 of 3	6
2	C	SWM	1 of 3	7
3	A	SWM	1 of 3	8
3	B	SWM	1 of 3	9
3	C	SWM	1 of 3	10
4	A	SWM	1 of 3	11
4	B	SWM	1 of 3	12
4	C	SWM	1 of 3	13
5	A	SWM	1 of 3	14
5	B	SWM	1 of 3	15
6	A	SWM	1 of 3	16
6	C	SWM	1 of 3	17
7	A	SWM	1 of 3	18
7	B	SWM	1 of 3	19
7	C	SWM	1 of 3	20
7	D	SWM	1 of 3	21
8	A	SWM	1 of 3	22
8	B	SWM	1 of 3	23
8	C	SWM	1 of 3	24
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10	B	SWM	1 of 3	26
10	C	SWM	1 of 3	27
11	A	SWM	1 of 3	28
11	B	SWM	1 of 3	29
11	C	SWM	1 of 3	30
12	A	SWM	1 of 3	31
14	A	SWM	1 of 3	32
14	B	SWM	1 of 3	33

SPI station	Field_rep	Site	PhotoCD	Image Number
14	C	SWM	1 of 3	34
15	A	SWM	1 of 3	35
15	B	SWM	1 of 3	36
15	C	SWM	1 of 3	37
16	A	SWM	1 of 3	38
16	B	SWM	1 of 3	39
16	C	SWM	1 of 3	40
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20	B	SWM	1 of 3	42
20	C	SWM	1 of 3	43
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22	B	SWM	1 of 3	45
22	C	SWM	1 of 3	46
24	A	SWM	1 of 3	47
24	B	SWM	1 of 3	48
24	C	SWM	1 of 3	49
25	C	SWM	1 of 3	50
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26	B	SWM	1 of 3	52
26	C	SWM	1 of 3	53
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27	C	SWM	1 of 3	56
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30	C	SWM	1 of 3	65
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31	B	SWM	1 of 3	67
31	B'	SWM	1 of 3	68
31	C	SWM	1 of 3	69
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32	C	SWM	1 of 3	72
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33	B	SWM	1 of 3	74
33	C	SWM	1 of 3	75
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34	B	SWM	1 of 3	77
34	C	SWM	1 of 3	78
35	A	SWM	1 of 3	79
35	B	SWM	1 of 3	80
35	C	SWM	1 of 3	81
36	A	SWM	1 of 3	85
36	A'	SWM	1 of 3	82
36	B	SWM	1 of 3	86
36	B'	SWM	1 of 3	83
36	C	SWM	1 of 3	87
36	C'	SWM	1 of 3	84
37	A	SWM	1 of 3	88
37	B	SWM	1 of 3	89
37	C	SWM	1 of 3	90
38	A	SWM	1 of 3	91

Key (cont.)

SPI station	Field_rep	Site	PhotoCD	Image Number
38	B	SWM	1 of 3	92
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42	C	SWM	1 of 3	102
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43	B	SWM	1 of 3	104
43	C	SWM	1 of 3	105
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44	C	SWM	1 of 3	108
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45	B	SWM	1 of 3	110
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46	B	SWM	1 of 3	113
46	C	SWM	1 of 3	114
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48	B	SWM	1 of 3	116
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77	B	NASSCO	2 of 3	82
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78	A	NASSCO	2 of 3	84
78	B	NASSCO	2 of 3	85
78	C	NASSCO	2 of 3	86
78	D	NASSCO	2 of 3	87
79	A	NASSCO	2 of 3	88

Key (cont.)

SPI station	Field_rep	Site	PhotoCD	Image Number
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79	C	NASSCO	2 of 3	90
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80	B	NASSCO	2 of 3	92
82	A	NASSCO	2 of 3	93
82	B	NASSCO	2 of 3	94
82	C	NASSCO	2 of 3	95
83	A	NASSCO	2 of 3	96
83	B	NASSCO	2 of 3	97
83	C	NASSCO	2 of 3	98
84	A	NASSCO	2 of 3	99
84	B	NASSCO	2 of 3	100
84	C	NASSCO	2 of 3	101
85	B	NASSCO	2 of 3	102
85	C	NASSCO	2 of 3	103
86	A	NASSCO	2 of 3	104
86	B	NASSCO	2 of 3	105
86	C	NASSCO	2 of 3	106
87	A		2 of 3	107
87	B		2 of 3	108
87	C		2 of 3	109
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89	A	NASSCO	2 of 3	112
89	B	NASSCO	2 of 3	113
89	C	NASSCO	2 of 3	114
90	A		2 of 3	115
90	B		2 of 3	116
90	C		2 of 3	117
91	A	NASSCO	2 of 3	118
91	B	NASSCO	2 of 3	119
91	C	NASSCO	2 of 3	120
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94	B	NASSCO	3 of 3	5
94	C	NASSCO	3 of 3	6
95	A	NASSCO	3 of 3	7
95	B	NASSCO	3 of 3	8
95	C	NASSCO	3 of 3	9
96	A	NASSCO	3 of 3	10
96	B	NASSCO	3 of 3	11
96	C	NASSCO	3 of 3	12
97	A	NASSCO	3 of 3	13
97	B	NASSCO	3 of 3	14
97	C	NASSCO	3 of 3	15
98	A	NASSCO	3 of 3	16
98	B	NASSCO	3 of 3	17
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100	B		3 of 3	20
100	C		3 of 3	21
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104	B	NASSCO	3 of 3	23
104	C	NASSCO	3 of 3	24
105	A	NASSCO	3 of 3	25
105	B	NASSCO	3 of 3	26
105	C	NASSCO	3 of 3	27
105	D	NASSCO	3 of 3	28
106	A	NASSCO	3 of 3	29
106	B	NASSCO	3 of 3	30
106	C	NASSCO	3 of 3	31
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108	B	SWM	3 of 3	33
108	C	SWM	3 of 3	34
109	A	SWM	3 of 3	35
109	B	SWM	3 of 3	36
109	C	SWM	3 of 3	37
110	B	SWM	3 of 3	38
110	C	SWM	3 of 3	39
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111	B	SWM	3 of 3	41
111	C	SWM	3 of 3	42
112	A	NASSCO	3 of 3	43
112	B	NASSCO	3 of 3	44
112	C	NASSCO	3 of 3	45
112	D	NASSCO	3 of 3	46
113	A	NASSCO	3 of 3	47
113	B	NASSCO	3 of 3	48
113	C	NASSCO	3 of 3	49
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114	B	NASSCO	3 of 3	51
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115	B	SWM	3 of 3	54
115	C	SWM	3 of 3	55
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119	B	NASSCO	3 of 3	57
119	C	NASSCO	3 of 3	58
120	A	NASSCO	3 of 3	59
120	B	NASSCO	3 of 3	60
120	C	NASSCO	3 of 3	61

Final SPI data with quality assurance

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
SW01	1	A	>4	>4–2	0.00	2.62	0.81	IND	No	No	0			0.00	Stage I	Hard bottom, dense tubicolous assemblage
SW01	1	B	>4	>4–2	1.90	2.89	2.39	0.99	No	No	0			0.00	Stage I	Dense tubicolous assemblage, shallow RPD
SW01	1	C	>4–3	>4–2	2.01	3.36	2.52	IND	No	No	0			0.00	IND	Disturbed surface, flocs in back, mud clasts at surface artifacts
	2	A	>4	>4–2	12.29	13.88	13.03	1.13	No	No	2	6.06	3.47	4.77	Stage I on III	Small tubes at surface, two voids which may be related, medium RPD contrast, minor sand and small shell fragments
	2	B	>4	>4–1	13.47	15.78	14.32	1.55	No	No	1	12.09	9.42	10.76	Stage I on III	Small tubes and flocs at surface, two-chambered void at depth, sandier in upper sediment column, patchy clays at depth (possible historical disturbance)
	2	C	>4	>4–1	13.30	15.89	14.67	1.40	No	No	4	12.46	3.99	8.23	Stage III	Broken tube at surface, minor flocs, numerous active voids, medium RPD contrast, sandier at surface, patchy clays at subsurface
	3	A	>4	>4–1	15.56	17.33	16.10	1.59	No	No	1 active, 3 relict	8.13	3.80	5.97	Stage I on III	Defined RPD, burrow at surface (mid left), burrow and feeding void at left, good evidence of previous biogenic reworking in sediment column
	3	B	>4–3	>4–2	12.89	13.83	13.48	1.76	No	No	3	12.65	4.77	8.71	Stage III	Shell at surface, subtle RPD contrast, active voids, void directly below depression at left
	3	C	>4–3	>4–1	19.70	20.33	20.04	1.48	No	No	1	8.57	7.91	8.24	Stage I on III	Very small void in left center, flocs at sediment-water interface, abundant small shell fragments/forams
	4	A	>4	>4–0	9.31	11.98	10.68	2.44	No	No	2 relict	8.37	4.60	6.49	Stage I on III	Moderate to dense polychaete tubes at sediment-water interface, Zostera in background, RPD controlled by polychaete mat and highly invaginated, moderate to hi RPD contrast and abundant shell fragments within sediment column; moderate to high infaunal diversity
	4	B	>4	>4–0	12.89	14.57	13.71	2.79	No	No	2 relict	11.27	8.93	10.10	Stage III	Dense polychaete mat in retrograde, dragdown of RPD in piece, RPD reconstructed for mean measurement, relict voids and abundant small shell fragments in dark gray mud subsurface
	4	C	>4	>4–0	13.33	14.71	14.36	3.60	No	No	1 active	4.52	4.13	4.32	Stage I on III	Dense tubes at sediment-water interface, RPD controlled by tube mat ascension, moderate RPD contrast, small shell fragments at subsurface
SW02	5	A	>4	>4–0	7.52	8.87	8.16	2.32	No	No	2 relict	7.71	5.59	6.65	Stage II on III	Tube mat in decline, relict voids, RPD highly invaginated and controlled by tube mat ascension
SW02	5	B	>4	>4–1	4.66	6.78	5.78	1.45	No	No	0	0.00	0.00	0.00	Stage I -> II	Dense tubes and interstitial detritus, small red polychaetes near surface, small shell debris at subsurface, RPD tube dominated, organic sediment at depth
SW03	6	A	>4–3	>4–1	15.51	16.36	15.91	1.80	No	No	3 active, 1 relict	13.03	4.68	8.86	Stage II on III	Mixed polychaete and amphipod tubes at surface, large active voids at depth, low RPD contrast-good carbon reworking or lower organic deposition
SW03	6	C	>4	>4–1	>20.88	>20.88	>20.88	2.52	No	No	3 active	>20.5	9.37	14.94	Stage III	Overpenetration, upper sediment column enriched in sand and shell fragments relative to lower, intensively bioturbated, nice void at right
SW04	7	A	>4	>4–0	5.51	6.83	6.11	2.08	No	No	0	0.00	0.00	0.00	Stage I -> II	Dense tubes (polychaetes and amphipods?), RPD controlled by tube ascension, small shell fragments and forams
SW04	7	B	>4–3	>4–0	4.77	6.97	6.22	1.81	No	No	0	0.00	0.00	0.00	Stage I -> II	Polychaete tubes at surface, bivalve in mid lower left, camera penetration at angle, relief is physical, RPD is tube controlled
SW04	7	C	>4	>4–1	9.67	10.55	10.15	1.26	No	No	0	0.00	0.00	0.00	Stage I -> II	Some tubes at surf, algae, stick in background, high RPD contrast, thin but consistent RPD
SW04	7	D	>4	>4–2	2.15	6.75	4.16	0.40	No	No	0	0.00	0.00	0.00	Stage I	Physical surface relief, RPD discontinuous across image, measured RPD from small patch on surface form, does not appear to be a bedform
	8	A	>4	>4–1	11.82	12.92	12.37	1.65	No	No	1 active	5.92	5.01	5.47	Stage III	Fine detritus at sediment-water interface, one active void, bioturbation on left, debris in background
	8	B	>4	>4–2	11.93	12.97	12.50	2.08	No	No	0	0.00	0.00	0.00	Stage I	Recent resuspension at surface with 3 mm layer of sorted fine sand overlying RPD - prop-wash signature, dragdown of debris/shell at right
	8	C	>4–3	>4–2	4.85	7.16	5.59	1.95	No	No	0	0.00	0.00	0.00	Stage I on III	Recent resuspension based on 3 mm layer of sorted fine sand over the RPD across the entire image, RPD very thin at right and thick at left, suggesting biogenic structure, tube in background
SW06	10	A	>4	>4–1	18.57	20.03	19.54	1.24	No	No	0	0.00	0.00	0.00	Stage III	Thinly developed RPD, minor tubes at surface, low RPD contrast, possible recent deposition
SW06	10	B	>4	>4–1	15.78	17.69	16.66	0.96	No	No	0	0.00	0.00	0.00	Stage I	Thinly developed RPD, minor tubes at surface, low RPD contrast, possible recent deposition, detritus mantled epizoan or algae in background
SW06	10	C	>4	>4–1	17.96	19.01	18.48	IND	No	No	0	0.00	0.00	0.00	Stage III	Disturbed surface pelletal layer from camera drop, RPD obscured and unmeasurable, possible recent deposition, relatively homogeneous fabric
SW07	11	A	>4	>4–1	8.59	11.13	9.38	2.56	No	No	0	0.00	0.00	0.00	Stage I	Dense and intricate web of epizoan (looks like a hydroid) at sediment-water interface, nudibranch in epizoan, RPD contrast very subtle, bizarre yet fascinating image

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
SW07	11	B	>4	>4–1	14.43	16.28	15.81	1.82	No	No	0	0.00	0.00	0.00	Stage II on III	Mixed polychaete and Ampelisca tubes at surface, disruption of surface by shell dragdown, Mytlilus shells at sediment-water interface, relict-filled voids at 12 cm, other void-like structures appear to be disruptions due to dragdown
SW07	11	C	>4	>4–1	11.73	14.30	12.72	0.00	No	Yes	0	0.00	0.00	0.00	IND	Disturbed sedimentary fabric, hydroid, detritus covering hydroid; there appears to be some recent organic buildup due to decomposition/low dissolved oxygen
	12	A	>4	>4–1	15.54	17.33	16.33	1.02	No	No	2 active	11.76	6.72	9.24	Stage I on III	Thinly developed RPD, large dendritic green algae in background, enormous active void in right, small active void in left, moderate to strong RPD contrast, small shell fragments and forams in upper sediment column
	14	A	>4	>4–2	18.87	20.08	19.54	0.67	No	No	1	8.02	7.00	7.51	Stage I on III	Disturbed due to pull-away, RPD inferred at image left, active void at left, medium RPD contrast, relatively homogeneous sediment fabric, small mud clasts at surface (<0.5 cm)
	14	B	>4	>4–1	16.36	17.22	16.89	0.95	No	No	1 active 1relict	8.93	6.92	7.92	Stage I on III	Small tubes at sediment-water interface, large active void at left, relict void 7 cm down on right that appears to be related to active voids, dragdown in center of sediment-water interface, consistently developed thin RPD, possible recent deposition
	14	C	>4	>4–2	20.55	>20.71	>20.71	1.96	No	No	1	9.20	8.57	8.88	Stage I on III	Overpenetration, RPD contrast is subtle, relatively homogeneous sedimentary fabric, thin band of black sediment underlying RPD near sediment-water interface likely represents recent deposition
SW11	15	A	>4–3	>4–2	12.31	14.19	13.45	1.19	No	No	2	10.78	4.35	7.57	Stage I on III	Subtle RPD contrast, good picture, polychaete in mid-left 7 cm down, consistent RPD, several small tubes and two large tubes in background
SW11	15	B	>4	>4–2	16.97	17.77	17.20	1.08	No	No	0	0.00	0.00	0.00	Stage I	Subtle RPD contrast, homogeneous fabric, flocs and small tubes at sediment-water interface, high water content
SW11	15	C	>4	>4–2	14.63	15.78	15.30	1.30	No	No	0	0.00	0.00	0.00	Stage I on III	Subtle RPD contrast, minor flocs at surface, minor small shell debris/forams in upper 5 cm, homogeneous sedimentary fabric, large burrow
SW12	16	A	>4	>4–1	18.15	19.03	18.88	6.82	No	No	4	7.69	1.05	4.37	Stage I on III	Intensively bioturbated, top 5-7 cm biogenically cemented and numerous burrows observed, elongate, shallow feeding voids at bottom of biogenic layer, unusual picture, biota amalgamating the sediment here
SW12	16	B	>4	>4–1	18.21	19.06	18.57	6.39	No	No	6	13.39	2.15	7.77	Stage I on III	Intense bioturbation, appears depositional with fresh sediment being biogenically amalgamated into the sediment column, to 8 cm is aerated and appears to host numerous biota, abundant fine tubes at surface, very large network of voids between 6 and 13 cm, bottommost sediments show evidence of relict intensive bioturbation
SW12	16	C	>4	>4–1	16.89	18.29	17.86	6.72	No	No	4	12.87	2.12	7.49	Stage I on III	Similar to two previous replicates, intensive bioturbation, errantia visible 5 cm down near center and may possibly be utilizing burrow network near sediment-water interface
	20	A	>4	>4–2	12.56	15.76	13.96	1.46	No	No	4	11.66	1.96	6.81	Stage I on III	Thinly developed RPD, moderate contrast, abundant small mud clasts and fecal pellets at sediment-water interface, large network of active voids, bent tube at far right
	20	B	>4	>4–1	17.49	20.96	20.10	1.17	No	No	3	14.74	9.97	12.36	Stage I on III	Partially overpenetrated, two large voids at depth, minor small shell fragments and forams in upper 8 cm, surface relief is biogenic and physical disturbance from biota causes the thinning of RPD at right
	20	C	>4–3	>4–1	10.99	13.33	12.41	1.34	No	No	2	7.72	5.56	6.64	Stage III	Maldanid tube in center with feeding void network immediately below tube, moderate amounts of small shell debris
	22	A	>4–3	>4–1	16.64	19.53	18.25	1.49	No	No	4	16.61	2.81	9.71	Stage III	Deep large burrows and feeding voids, benthic forams and abundant small shell debris, intense bioturbation, small tubes at surface
	22	B	>4–3	>4–1	12.29	16.69	14.28	0.98	No	No	3	11.87	1.85	6.86	Stage III	Large burrow network and void in center, smaller voids in upper right and lower left. Appears to be on the side of a burrow mound with freshly conveyored material present at the sediment-water interface
	22	C	>4	>4–1	10.99	15.40	12.90	1.29	No	No	1	10.77	9.89	10.33	Stage I on III	Void in very lower right, algae at surface and dendritic epizoan, penetration at angle which artificially thickens RPD, maximum and minimum measures perpendicular to sediment surface, burrow at center lead to void in lower right
	24	A	>4	>4–2	10.14	12.12	11.63	1.30	No	No	1	7.08	6.36	6.72	Stage I on III	Thinly developed RPD, burrow network in center with poorly developed void, large tube at sediment-water interface with oxic coating
	24	B	>4	>4–3	11.62	15.87	12.97	IND	No	No	0	0.00	0.00	0.00	IND	Hydroid and algae at surface, sediment disturbed from the epizoan and algae, nice dis view of hydroid
	24	C	>4	>4–3	8.59	13.22	11.09	IND	No	No	0	0.00	0.00	0.00	IND	Similar to above, disturbed from epizoan/hydroid, very fine grained
	25	C	>4	>4–3	10.30	11.40	11.13	1.20	No	No	0	0.00	0.00	0.00	Stage I	Thinly developed RPD, little disturbance, subtle RPD contrast, one tube at sediment-water interface in mid right, possible relict void in lower mid right, small mud clasts at surface in left-possibly biogenic aggregate

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
SW17	26	A	>4	>4–3	18.15	19.61	19.12	0.75	No	No	1	8.03	7.63	7.83	Stage III	Hydroid at surface, void in center which is basis for successional stage designation, but no oxidized sediment in void, and it also looks freshly excavated, homogeneous sedimentary fabric
SW17	26	B	>4	>4–2	14.60	17.24	15.98	2.72	No	No	1	5.82	5.10	5.46	Stage III	Large burrow at right which deeply depresses RPD in the "void-burrow corridor", sediment extremely loose and water-rich in this zone, excavated sediment is at side and RPD poorly developed on the flanks of the excavation mound
SW17	26	C	>4	>4–2	5.56	6.42	5.97	1.22	No	No	0	0.00	0.00	0.00	Stage I	Shallow penetration, consistent RPD, very subtle RPD contrast and tube chunks seen immediately below sediment-water interface
	27	A	>4	>4–2	6.69	9.89	8.09	1.09	No	No	1	6.17	5.54	5.86	Stage III	Disturbed at surface, void lower left, RPD is highly irregular, biogenically aggregated
	27	B	>4	>4–2	0.17	10.27	5.15	0.69	No	No	0	0.00	0.00	0.00	Stage I	Large tube at sediment-water interface broken, high angle of penetration from sloped bottom, appears unconsolidated fine slough off downward
	27	C	>4	>4–2	5.34	6.58	6.32	1.45	No	No	3	4.50	2.70	3.60	Stage III	Broken tubes at surface, three voids all within the same depth interval, RPD contrast low, RPD is irregular and highly invaginated due to the burrows/voids
	28	A	>4	>4–2	13.44	15.40	14.77	1.37	No	No	1	11.90	11.21	11.56	Stage III	Small tube at sediment-water interface, large dragdown scar/disruption at right, small active void in lower left, flocs at sediment-water interface, thin red polychaete to left of dragdown scar
	28	B	>4	>4–3	9.01	10.00	9.69	1.32	No	No	3	7.44	5.15	6.29	Stage I on III	Broken tubes and hydroids at sediment-water interface, burrow and voids to 7 cm, becomes richer in organics at depth, appears to retrograde
	28	C	>4	>4–3	8.90	9.50	8.96	1.82	No	No	1	9.12	8.02	8.57	Stage I on III	Subtle RPD contrast, large void running across bottom, surface fine and pelletal
	29	A	>4	>4–2	>20.85	>20.85	>20.85	IND	No	No	0	0.00	0.00	0.00	IND	Overpenetrated, fluid muds--cake batter texture
	29	B	>4	>4–2	18.26	18.76	18.62	1.90	No	No	0	0.00	0.00	0.00	Stage I	Very soft, penetration to wipe blade, no voids, very subtle RPD contrast
	29	C	>4	>4–3	17.96	18.65	18.48	2.00	No	No	1	6.67	5.98	6.32	Stage III	Very soft, active void at right, very subtle and indistinct RPD contrast
	30	A	>4	>4–3	13.97	16.20	15.03	1.39	No	No	1	7.76	5.40	6.58	Stage III	Pull out, RPD contrast subtle, irregular surface and RPD inferred at left side of image, polychaete in void in right side of image
	30	B	>4	>4–3	14.63	16.28	15.49	2.91	No	No	2	6.80	3.25	5.03	Stage I on III	Dragdown scar, RPD inferred on left, subtle RPD contrast, red polychaete in right center, burrow in center, small void at right, hydroid at sediment-water interface
	30	C	>4	>4–2	14.02	14.71	14.16	2.68	No	No	2	4.63	4.52	4.57	Stage I on III	Smeardown in center, surface sediment is biogenically aggregated, slight overexaggeration of RPD in center due to dragdown, void at right and left-center, appears to be biogenic binding of sediment and deposition
SW18	31	A	>4	>4–3	8.13	10.77	9.21	1.67	No	No	3	8.35	1.05	4.70	Stage I on III	Dense tubes at sediment-water interface, large burrow and void at lower right, abundant mucilagenously cemented detritus amongst tubes
SW18	31	B	>4	>4–2	5.15	7.19	6.07	0.93	No	No	0	0.00	0.00	0.00	Stage I	Thinly developed RPD. Slight pull-away, darker sediment immediately underlying the RPD
SW18	31	'	>4	>4–2	8.32	9.04	8.72	2.24	No	No	2	6.26	1.76	4.01	Stage III	Abundant broken large tubes at the sediment-water interface (possibly maldanid), large bell-shaped void in left center, smaller void upper right, appears to have recent physical disturbance, RPD deep at left and highly invaginated
SW18	31	C	>4	>4–2	IND	15.37	IND	IND	No	No	0	0.00	0.00	0.00	IND	Disturbed from sampling, thin RPDs on discernible clasts
SW20	32	A	>4–3	>4–2	11.98	13.00	12.59	1.55	No	No	3	8.42	3.79	6.10	Stage III	Very nice large voids, sand fraction increases towards sediment-water interface, small red polychaetes at right center, nice shell-lag from preferential particle size ingestion right below the line of voids, tube at sediment-water interface
SW20	32	B	>4	>4–2	13.42	15.12	14.27	0.91	No	No	0	0.00	0.00	0.00	Stage I	Surface sediment is tube hash, thin layer of sorted sediment at sediment-water interface, recent resuspension and is most likely prop wash artifact, no voids, subsurface sediment appears dark, slight pull-away visible in upper 4-5 cm
SW20	32	C	>4	>4–2	7.99	12.34	10.53	0.32	No	No	2	6.64	3.80	5.22	Stage I on III	Disturbed and penetration on angle, RPD inferred in some spots, RPD deeper in vicinity of voids, there is a lens of fine sand and shell particles 7 cm below the sediment-water interface which may be a preferential feeding residue
SW21	33	A	>4	>4–3	13.86	14.46	14.12	3.74	No	No	3	10.30	4.47	7.38	Stage I on III	Appears disturbed but it looks like fabric of biogenically aggregated pellets was disrupted by the camera prism, strong RPD contrast, unusual RPD, organically enriched
SW21	33	B	>4	>4–3	IND	7.44	IND	IND	No	No	IND	IND	IND	#VALUE!	IND	Ruptured fabric from impact, clasts of intact sediment suggest a RPD of 1.2 cm, also evidence of recent resuspension at surface of intact clasts, also appears to be an amalgamation of biogenically aggregated pellets
SW21	33	C	>4	>4–2	13.66	14.93	14.15	2.39	No	No	2	11.90	8.43	10.17	Stage I on III	Large burrow/void complex in lower left, RPD thickest above voids, appears to be a segmented infauna in mid right, several small (<1 cm) reduced mud clasts at sediment-water interface, shell and coarse lag under voids

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
SW22	34	A	>4	>4–2	14.30	16.39	14.93	1.98	No	No	4	10.30	5.84	8.07	Stage I on III	Voids are small and appear relict, sparse broken tubes at sediment-water interface, large mud clasts (>2 cm) in background, strong RPD contrast between oxidized sediment and underlying reduced sediment
SW22	34	B	>4	>4–2	19.12	19.89	19.52	2.34	No	No	0	0.00	0.00	0.00	Stage I	Water-rich sediment, numerous tubes at surface, small shell fragments and benthic forams, evidence of slight resuspension at sediment-water interface, depositional area
SW22	34	C	>4	>4–2	15.54	16.56	15.96	2.44	No	No	1	6.94	6.31	6.63	Stage III	Nice void at left with reduced sedimentary residue at bottom, relatively homogeneous sedimentary fabric, small shell fragments and benthic forams interspersed in upper portion of the sediment column
SW23	35	A	>4	>4–2	14.32	15.70	14.93	2.40	No	No	2 relict	13.06	9.64	11.35	Stage I on III	Errant polychaetes visible in cross-section, organic-rich subsurface sediment, fecal pellets being expelled by one taxon
SW23	35	B	>4	>4–3	0.00	0.52	0.18	IND	No	No	0	0.00	0.00	0.00	IND	Minimal penetration, sediment that is visible is oxidized
SW23	35	C	>4	>4–2	11.65	14.49	12.97	1.92	No	No	4	12.84	5.08	8.96	Stage I on III	Abundant well-developed feeding voids at depth, RPD deepens above right void, 3 of 4 voids are in reduced sediment without any oxidation in void, surface appears pelletal down to 0.3 cm
SW22	36	A	>4	>4–2	4.32	5.01	4.71	1.39	No	No	1	3.83	3.22	3.53	Stage I on III	Well-developed RPD, red algae at surface and in dragdown, void in center and shallow
SW22	36	'	>4–3	>4–2	5.18	6.61	6.01	1.46	No	No	0	0.00	0.00	0.00	Stage I -> II	Tubes at sediment-water interface, abundant filamentous red algae (possibly iridea), very similar to previous replicate
SW22	36	B	>4–3	>4–2	4.32	6.70	5.37	2.73	No	No	1	4.74	1.90	3.32	Stage III	Large void/burrow complex in center, replicate very similar to two previous, benthic forams
SW22	36	'	>4	>4–2	14.08	15.32	14.81	1.62	No	No	5	13.14	7.77	10.45	Stage I on III	Numerous voids, three small voids at left, few tubes at surface and some flocs
SW22	36	C	>4	>4–2	>20.88	>20.88	>20.88	IND	No	No	4	IND	IND	IND	Stage III	Overpenetrated, voids at depth but most seem relict, broken tubes in sediment column in upper portion of frame
SW22	36	'	>4	>4–2	14.76	17.52	15.49	2.79	No	No	1	9.64	9.12	9.38	Stage I	Void is relict and collapsed, water-rich sediment, some disturbance at surface and flocs at surface
	37	A	>4	>4–2	17.99	20.30	19.18	2.24	No	No	0	0.00	0.00	0.00	Stage III	Tubes, water-rich mud, strong evidence of bioturbation, relict void/burrow at left
	37	B	>4	>4–2	12.70	15.89	13.96	1.84	No	No	0	0.00	0.00	0.00	Stage I	Small tubes and pellets at sediment-water interface, red organism in upper mid-right, slight pullout, evidence of subsurface sediment fluidization
	37	C	>4	>4–2	19.72	20.66	20.21	1.77	No	No	4	16.63	4.02	10.32	Stage III	Subtle RPD contrast in surface sediments, very deep active voids in lower left, small shell fragments and benthic forams (possibly globularia) in top 6 cm
SW25	38	A	>4	>4–3	15.54	16.67	16.12	2.32	No	No	2	14.25	8.00	11.12	Stage I on III	Biogenically aggregated layer at surface, small tubes, some disruption of sediment fabi by prism, nice oxidized void mid left with reduced void 6 cm below it
SW25	38	B	>4	>4–3	13.19	15.81	14.68	3.17	No	No	1	11.82	6.39	9.11	Stage I on III	Large disruption at right that intersects a burrow, thick RPD that is a result of tubes and biogenic amalgamation/trapping of pellets and detritus
SW25	38	C	>4	>4–3	13.03	14.24	13.67	2.18	No	No	1 or 2	13.12	7.14	10.13	Stage I on III	RPD inferred across dragdown, nice tubes at sediment-water interface, possible layer 7 cm below sediment-water interface but is obscured by dragdown
	39	A	>4	>4–2	12.92	14.27	13.85	2.25	No	No	1	12.29	11.41	11.85	Stage I on III	Small void lower center, sand fraction increases in surface sediment, rock in left background along with piece of decaying eelgrass
	39	B	>4	>4–2	12.89	16.39	14.64	2.59	No	No	3	11.46	3.94	7.70	Stage I on III	Nice void lower right, two shallow feeding voids in upper mid left, burrow far left, RPD thickest around void and burrow, subtle RPD contrast, nice thin tubes at sediment-wate interface
	39	C	>4	>4–2	12.23	14.27	13.12	2.79	No	No	1	8.43	5.12	6.78	Stage I on III	Subtle RPD contrast in upper sediment column. RPD thickest at left, reduced dark gray sediment at 6 cm and void in most organic patch of sediment - mining the organics?, small tubes and fecal pellets at sediment-water interface
SW26	40	A	>4–3	>4–2	14.95	15.32	15.14	3.46	No	No	1	3.92	1.36	2.64	Stage I on III	Well developed redox layer, deposit-feeders present
SW26	40	B	>4	>4–1	10.55	13.33	12.07	7.38	No	No	1	11.72	11.19	11.45	Stage I on III	Thick RPD and abundant surface activity, top 5 cm appears to be biogenic aggregate with numerous burrows and excellent pore water irrigation, algae and small polychaetes at sediment-water interface, dense small tubes and pellets in foreground, nice picture, void at very lower center
SW26	40	C	>4–3	>4–0	14.19	15.59	14.55	7.28	No	No	7	15.00	1.19	8.09	Stage I on III	Nice picture, deep RPD, sand fraction increases near surface, abundant voids, dense small tubes at surface and epiphytes on large tubes at left surface, intensely bioturbated and RPD greatest in vicinity of shallow feeding voids, oxidized sediment in void at lower center
	42	A	>4	>4–1	10.96	11.60	11.32	1.92	No	No	4	9.53	4.88	7.21	Stage I on III	Numerous voids, broken tubes and fecal pellets at sediment-water interface, disruption at left - but also a burrow there

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
	42	B	>4	>4–1	13.25	14.82	14.08	2.26	No	No	1	9.12	8.35	8.73	Stage I on III	Void in lower right center, fecal pellets and broken tubes at sediment-water interface, there is a relict RPD at 12.2 cm, station appears to be highly depositional as relict RPD retains strong oxic signature
	42	C	>4	>4–2	17.49	>20.6	19.63	IND	No	No	2	14.90	2.23	8.57	Stage III	Two voids, overpenetration in upper left, benthic forams increase in upper 3 cm of sediment column, possible relict RPD running diagonally across frame 8 cm down
	43	A	IND	IND–IND	0.00	0.00	0.00	IND	No	No	IND	IND	IND	IND	IND	Pullout/no penetration
	43	B	IND	IND–IND	0.00	0.00	0.00	IND	No	No	IND	IND	IND	IND	IND	Pullout/no penetration
	43	C	>4	>4–1	4.30	10.22	7.35	6.03	No	No	1	2.49	1.20	1.84	Stage III	Sponge in center and disarticulated, void in bioturbation zone in upper right, subtle RPD contrast, nice elongate fine tubes at sediment-water interface in right of frame
	44	A	>4	>4–2	19.72	20.63	20.24	3.25	No	No	0	0.00	0.00	0.00	Stage III	Abundant filamentous red algae at sediment-water interface, relict RPD at 10.1 cm below sediment-water interface, dragdown at left and mussel shell in background in upper left, small shell fragment in upper layer
	44	B	>4	>4–2	4.90	7.88	5.99	IND	No	No	0	0.00	0.00	0.00	IND	Highly disturbed from sampling, abundant broken tubes at sediment-water interface, filamentous algae at sediment-water interface and in background, appears to have abundant detritus
	44	C	>4	>4–3	7.25	10.08	8.32	3.25	No	No	0	0.00	0.00	0.00	Stage I	Biogenic aggregated sediment at sediment-water interface, algae at surface, tubes and benthic foram at sediment-water interface
SW27	45	A	>4	>4–2	16.67	18.90	18.15	IND	No	No	1	6.01	4.11	5.06	Stage III	Disturbed by wiper blade precluding measurement of the RPD, void in upper left but may be relict, abundant tubes in background surface
SW27	45	B	>4	>4–2	17.41	20.85	20.48	3.38	No	No	2	13.22	8.47	10.85	Stage I on III	Two small voids in center, tubes at the surface, boundary roughness is biogenic, voids appear to be horizontal, biogenic aggregate and flocs at sediment-water interface
SW27	45	C	>4	>4–2	>20.5	>20.5	>20.5	IND	No	No	0	0.00	0.00	0.00	IND	Overpenetrated and homogeneous texture; low shear strength, high water content, appears highly depositional based on fabric
	46	A	>4	>4–1	7.38	9.37	8.09	IND	No	No	IND	0.00	0.00	0.00	Stage III	Dense tubes at surface, surface layer biogenically aggregated and habitat created by tubes and captured detritus, bivalve shell at surface in upper left
	46	B	>4	>4–1	11.43	13.69	12.54	2.62	No	No	7	10.53	2.79	6.66	Stage III	Numerous active voids, brightly developed RPD, small shell and possibly benthic foran in upper 6 cm, tubes and pelletal material at sediment-water interface
	46	C	>4	>4–1	17.24	18.51	18.02	2.54	No	No	4	15.62	9.92	12.77	Stage I on III	Abundant voids, surface enriched in sand relative to subsurface, well-bioturbated, RPD deepest above feeding voids, minor dragdown, reduced mud clasts at sediment-water interface
	48	A	>4	>4–2	14.96	15.95	15.52	2.18	No	No	4	12.34	4.49	8.42	Stage I on III	Dense small tubes at the sediment-water interface, abundant interconnected subsurfac voids, lots of burrowing but little conveyoring, benthic forams in upper 4 cm
	48	B	>4	>4–2	9.83	12.78	11.63	1.50	No	No	3	11.63	4.19	7.91	Stage I on III	Voids appear relict, small tubes with some broken, minor amounts of benthic forams in upper 3 cm, **flocs** and fecal castings at sediment-water interface
	48	C	>4	>4–2	16.03	18.76	17.59	1.93	No	No	3	14.96	4.28	9.62	Stage I on III	Very nice void and burrow network that appears to be interrelated, nice orange barrel-shaped foram at surface center, small shell lag in voids-possible report picture
	49	A	>4	>4–1	14.02	16.89	15.58	1.71	No	No	1	7.11	4.36	5.74	Stage I on III	Large void in center-right, dense fine tubes on surface relief in right center, hydroid on mount shows current direction
	49	B	>4	>4–2	17.77	20.63	19.42	1.12	No	No	1	20.58	19.97	20.28	Stage III	Red algae at sediment-water interface, RPD is disrupted by algae dragdown, very soft sediment and "cake-batter" texture from the expressing of pore water, possible voids at 15-18 cm
	49	C	>4	>4–0	17.38	20.85	19.31	1.46	No	No	3	18.46	12.09	15.28	Stage I on III	RPD discontinuous and highly influenced by invagination in mid-right, active void lower right center (has oxidized sediment)
	50	A	>4	>4–1	15.45	18.35	16.56	5.04	No	No	3	15.40	8.10	11.75	Stage II on III	Dense ampelisca mat over deeply bioturbated mud, mound above void on right and the ampelisca are colonizing the mound, excellent report picture
	50	B	>4	>4–1	16.39	17.96	17.33	1.83	No	No	1	3.88	2.92	3.40	Stage II on III	Ampelisca (?) tube in right surface, shallow void in upper right, side slice of a burrow in upper left and depression of the RPD here
	50	C	>4	>4–1	18.57	19.97	19.22	2.78	No	No	2	10.50	4.00	7.25	Stage I on III	Nice voids in upper right and mid left, broken tubes at sediment-water interface, burrow in center which appears to source of material for abundant tubes at the sediment-water interface, recycle-reuse
NA01	51	A	>4	>4–1	10.99	15.48	13.07	1.57	No	No	1	11.08	3.94	7.51	Stage I on III	Large burrow/tube case in center, pellet layer at surface, pockets of coarser sediment a depth which is coarse lag from preferential ingestion of finer particles during head-down deposit feeding
NA01	51	B	>4	>4–1	13.36	15.10	14.49	1.63	No	No	3	8.14	1.43	4.78	Stage I on III	Large voids with oxidized sediment at bottom, well bioturbated, pellets at sediment-wat interface, sandier in upper sediment column and minor benthic foram
NA01	51	C	>4	>4–2	13.47	14.35	13.94	2.13	No	No	2	9.42	5.07	7.25	Stage I on III	Large void at left and smaller in center, aggregated pelletal layer at surf, oxidized sediment in subsurface void at mid left

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
	52	A	>4	>4–2	17.41	18.46	18.14	2.56	No	No	3	12.04	8.68	10.36	Stage I on III	Flocs, tubes, and red algae at sediment-water interface, well bioturbated at left, many tubes are broken at surface
	52	B	>4	>4–3	15.54	17.30	16.44	2.69	No	No	2	14.49	13.09	13.79	Stage I on III	Biogenically aggregated pelletal layer at sediment-water interface, abundant tubes pieces in pelletal layer, two small void in lower center and lower right center and appear to be inactive leading to the retrograde designation
	52	C	>4	>4–2	16.80	18.84	17.96	2.82	No	No	2	13.53	6.12	9.82	Stage I on III	Very large void complex on left, nice smaller void in left center, very active bioturbation at this station, abundant red algae at the sediment-water interface, pellets and broken tubes in surface layer and some biogenic aggregation
	53	A	>4	>4–2	15.76	17.00	16.37	1.75	No	No	2	11.71	4.60	8.16	Stage I on III	Biogenically aggregated pelletal and tube layer at sediment-water interface, void in upp left active, void in lower right appears relict, large burrow trace in center, benthic forams (small) in upper 5 cm
	53	B	>4	>4–2	14.08	15.70	14.72	1.52	No	No	1	11.29	9.09	10.19	Stage I on III	Very large classic void in lower left, pelletal layer that is slightly aggregated at the sediment-water interface, slightly sandier in the upper portion of the sediment column
	53	C	>4	>4–2	13.58	15.23	14.37	2.68	No	No	2	10.98	3.91	7.45	Stage I on III	Pelletal layer at sediment-water interface, burrow at left which leads down to a void in lower left, in upper center shallow active seeding void and RPD is far deeper here than elsewhere along length of the frame
NA02	54	A	>4	>4–2	16.39	18.37	17.22	2.74	No	No	3	13.39	3.03	8.21	Stage I on III	Large void network in both left and right portions of frame, classic bell shaped void in lower center, very dense tubes at sediment-water interface, detrital crusting on larger tubes
NA02	54	B	>4	>4–2	16.72	20.22	18.41	2.20	No	No	2	10.44	3.53	6.98	Stage I on III	Image dominated by large void network in center of image, smaller void may be related, broken tube at sediment-water interface as well as several intact but bent tubes, difficult RPD to trace an inferred in areas of disturbance, disarticulated organism in lower center
NA02	54	C	>4	>4–2	14.19	15.62	14.80	2.46	No	No	1	10.19	2.30	6.24	Stage I on III	Dense assemblage of tubes at sediment-water interface, very large void and burrow dominates photo, pellets and detritus amongst tubes at sediment-water interface
	55	A	>4	>4–1	17.55	20.47	18.75	2.70	No	No	0	0.00	0.00	0.00	Stage I	Stapled image, broken tubes at sediment-water interface, some disruption of the sediment-water interface and RPD, no voids visible, dragdown on left
	55	B	>4	>4–2	15.21	16.89	16.17	3.85	No	No	3	13.15	4.58	8.86	Stage I on III	Abundant tubes at the sediment-water interface, well developed network of voids in center right, relict voids at bottom of frame filamentous red algae at the sediment-water interface, dragdown in right center and RPD interpolated here
	55	C	>4	>4–2	14.46	18.65	16.67	2.57	No	No	0	0.00	0.00	0.00	Stage I	Abundant algae at surface and minor dragdown, detritus, flocs and broken tubes at surface, homogeneous subsurface fabric
NA03	56	A	>4	>4–1	17.24	19.97	18.60	2.49	No	No	1	7.20	6.53	6.87	Stage I on III	Active void in mid right, red filamentous algae at surface as well some pellets and small pieces of broken tubes
NA03	56	B	>4	>4–3	13.77	17.13	15.62	2.69	No	No	3	15.68	5.51	10.59	Stage I on III	Large void in center and mound above it, voids active and abundant bioturbation, tubes at surface and abundant flocs, epizoans in background, left portion of frame has deepest RPD
NA03	56	C	>4	>4–3	17.05	18.76	18.15	1.95	No	No	1	14.00	13.75	13.87	Stage I on III	Small void in lower left, scattered red filamentous algae at sediment-water interface, abundant broken tube and amalgamated pellets at the sediment-water interface
	57	A	>4	>4–2	13.94	15.78	15.32	2.08	No	No	4	12.37	2.84	7.60	Stage I on III	Large voids dominate subsurface sediments and have classic shape, flocs and pellets sediment-water interface, broken tubes, surface sediments slightly sandier than subsurface and appear to be due to increased small shell fragment content
	57	B	>4	>4–2	16.50	19.89	17.36	2.88	No	No	2	14.68	1.85	8.27	Stage I on III	Snail at surface on right, large active void at depth and small active void in upper center, surface is slightly disturbed, large mud clasts at far right
	57	C	>4	>4–2	10.52	20.03	18.27	2.42	No	No	3	12.26	3.22	7.74	Stage I on III	Dense tubes at surface, three large active voids, large disruption on right and RPD was inferred across this
	58	A	>4	>4–2	14.57	17.46	15.81	1.66	No	No	2	15.68	10.05	12.86	Stage I on III	Two burrow/voids at lower left, surface is composed of mud clasts and pellets that are slightly aggregated
	58	B	>4	>4–3	16.58	17.41	17.03	1.97	No	No	1	6.31	5.68	6.00	Stage I on III	Abundant broken large tubes at sediment-water interface, small void in mid-center and appears active, burrow at left goes down to 12.8 cm and may lead to feeding void in back
	58	C	>4	>4–3	14.43	16.06	15.05	1.45	No	No	2	12.15	3.44	7.80	Stage I on III	Shallow RPD, two voids--one at very right and one lower mid-left, pellets at surface, appears depositional
	59	A	>4	>4–2	11.82	13.66	12.67	1.61	No	No	0	0.00	0.00	0.00	Stage I	Floc/pellets/broken tubes at surface and appear loose, no voids although burrow prese at right, band of dark organic sediment at 10.8 cm below sediment-water interface

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
	59	B	>4	>4–2	14.27	15.95	15.23	1.67	Yes	No	2R	12.62	10.61	11.61	Stage III	Two methane filled voids at left, two relict/abandoned feeding voids below the methane chambers, broken and disarticulated tubes at sediment-water interface along with pellets
	59	C	>4	>4–3	16.31	20.16	18.81	2.02	No	No	0	0.00	0.00	0.00	Stage I	RPD is at best interpreted, both pull-out and pull-away leave surface slightly disturbed and RPD elongated, very soft water-rich sediment
	59	1	>4	>4–3	>20.7	>20.7	>20.7	IND	No	No	3	17.00	5.24	11.12	Stage III	Overpenetrated, RPD cannot be measured, well-developed void network subsurface, dragdown of red filamentous algae, appears highly depositional
	59	1	>4–3	>4–0	18.21	19.83	18.86	IND	No	No	4+	16.28	5.54	10.91	Stage III	Well bioturbated and unusual fabric, appears to be amalgamation of mud clasts in sand matrix, numerous voids at depth, subsurface looks to have good irrigation through network of voids; possibly caused by prop wash resuspension and subsequent deposition
	60	B	>4	>4–2	14.99	16.56	15.61	1.39	No	No	1	5.57	3.28	4.42	Stage I on III	Tubes at sediment-water interface, void in mid center, RPD deepest above void, relict inactive voids at lower left, decaying eelgrass pieces at sediment-water interface, long thin red polychaete at left
	60	C	>4	>4–2	13.61	15.34	14.42	1.33	No	No	1	10.29	5.74	8.01	Stage I on III	Shallow RPD, pelletal layer at surface that appear to be recently physically disturbed, burrow and void at right, conveyoring and active sediment turn-over appears to be limited
	61	A	>4	>4–2	11.76	13.08	12.56	2.78	No	No	2	7.25	4.74	5.99	Stage I on III	Broken tubes and pellets at sediment-water interface, linear burrows visible at left and right, voids are very small, RPD deep in center (side cross section of burrow?)
	61	B	>4	>4–2	15.81	18.24	17.74	1.89	No	No	1	15.01	13.72	14.37	Stage I on III	Burrow and void structure on left, abundant tubes at sediment-water interface that are related to the large burrow at left, RPD deepest in vicinity of burrow, nice picture
	61	C	>4	>4–2	13.91	18.26	16.60	2.72	No	No	2	14.44	2.48	8.46	Stage I on III	Biogenic mound at right surface, abundant tubes at sediment-water interface (polychaete), tubes related to Stage III burrowing and conveyoring of material upward
	62	A	>4	>4–3	2.18	6.50	3.72	1.76	No	No	0	0.00	0.00	0.00	Stage I	Shallow penetration, in photic zone, eelgrass piece at surface, epizoans and algae at sediment-water interface, small tubes (polychaete) at sediment-water interface and abundant flocs, minimal pellets in comparison to other stations across the site
	62	B	>4	>4–3	14.13	15.23	14.74	1.95	No	No	0	0.00	0.00	0.00	Stage I	Flocculent and pelletal surface with minor shallow bioturbation, algae at sediment-water interface, plant debris at right, hydroid in background, red polychaete in mid-left
	62	C	>4	>4–3	11.74	13.08	12.68	1.86	No	No	1	10.50	9.34	9.92	Stage I on III	Abundant tubes and pellets at sediment-water interface, disarticulation of RPD at left and mean measure interpolated here, small void in mid lower right
	63	A	>4	>4–3	10.63	13.53	12.27	1.61	No	No	2	13.06	8.98	11.02	Stage I on III	Nice picture, biogenic mound that is colonized by abundant polychaetes, good example of symbiotic benthic relationship, pelletal surface
	63	B	>4	>4–2	12.34	13.53	12.85	1.44	No	No	2	6.06	5.13	5.59	Stage I on III	Sparse tubes at sediment-water interface, loose flocs and broken tubes, clam at sediment-water interface in left, small but active voids that look like pectinarid feeding voids
	63	C	>4	>4–3	5.95	7.99	6.96	1.89	No	No	0	0.00	0.00	0.00	Stage I	Burrow entrance visible in background, flocculent and pellet dominated surface layer, likely Stage III but no voids visible due to shallow penetration, low RPD contra
	64	A	>4	>4–2	15.76	16.89	16.34	1.87	No	No	3	13.89	4.79	9.34	Stage I on III	Abundant tubes at surface, void in linear array and may be related, good bioturbation, loose broken tubes and fecal pellets at surface
	64	B	>4	>4–2	13.47	16.50	14.97	2.57	No	No	1	12.84	12.07	12.45	Stage I on III	Loose pelletal layer at sediment-water interface, artifact mud clasts at right surface, void in lower center, RPD very deep above void, animal is present in upper portion of void
	64	C	>4	>4–3	15.48	17.63	16.45	1.35	No	No	1R	13.61	10.77	12.19	Stage III	Dense tubes at sediment-water interface, subsurface void at right lower is relict, burrow in center and RPD interpolated across this, flocs, pellets and broken tubes interstitial between intact tubes
	64	D	>4	>4–3	16.42	17.77	16.96	2.48	No	No	3	13.89	9.06	11.48	Stage I on III	Thick amalgamation of tubes, broken tubes and pellets at surface that creates their own micro-habitat with abundant interstices, active voids at depth, nice picture
	65	A	>4	>4–2	19.48	20.49	20.05	IND	No	No	7+	19.15	6.58	12.86	Stage III	Disturbed sediment but with extensive bioturbation, deep and pervasive burrow and void network, RPD on order of 6+ cm but unmeasurable quantitatively
	65	B	>4	>4–2	>20.9	>20.9	>20.9	IND	No	No	0	0.00	0.00	0.00	IND	Overpenetrated, very soft and homogeneous fabric
	65	C	>4	>4–2	17.44	20.66	18.73	IND	No	No	1	7.39	1.86	4.63	Stage III	Void at upper far right, surface has been disturbed, pull-out, mud clasts at right surface which may be artifactual
	66	A	>4	>4–2	>20.7	>20.7	>20.7	IND	No	No	0	0.00	0.00	0.00	IND	Overpenetrated, very soft and homogeneous fabric, RPD probably 2+ cm
	66	2	>4	>4–3	18.35	20.83	19.45	2.38	No	No	0	0.00	0.00	0.00	Stage I	Very soft, slight pull-out, homogeneous fabric, RPD highly irregular
	66	B	>4	>4–3	12.84	16.17	14.39	2.40	No	No	2	7.52	2.59	5.06	Stage III	Surface very loose and disturbed, RPD interpolated from flocs and underlying sediment, large void in center and smaller void to right, organic subsurface sediment and enriched in small shell fragments
	66	2	>4	>4–2	20.41	>20.6	20.66	2.44	No	No	3	18.27	2.01	10.14	Stage III	Slight overpenetration, RPD represents a conservative measure, deep void in lower mid-left, shallow void upper right, very soft sediment, depositional

Final SPI data with quality assurance (cont.)

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	66	C	>4	>4–2	>20.7	>20.7	>20.7	IND	No	No	0	0.00	0.00	0.00	IND	Overpenetration, cake batter texture indicating that station is water-rich, depositional, possible buried relict RPD at surface - although may be artifact of sampling disturbance as reduced sediment overlies old RPD in upper 2 cm of frame
	67	A	>4	>4–2	14.99	15.89	15.43	2.08	No	No	2	8.40	4.52	6.46	Stage I on III	Pelletal layer at surface, abundant tubes and broken large tubes, organism upper left and RPD deepest around it, large broken tube at right surface
	67	B	>4	>4–2	13.25	15.26	14.08	1.80	No	No	1	3.89	3.53	3.71	Stage I on III	Very small void upper left center, layer of pellets and fine tubes at sediment-water interface, homogeneous subsurface fabric, nor well bioturbated
	67	C	>4	>4–2	13.97	16.36	15.25	3.00	No	No	1	8.73	7.49	8.11	Stage I on III	Nice picture, large void in left center, reduced sediment at surface on right being conveyored up from below, dense colony of Stage I tubes utilizing the reduced sediment being brought up from below
NA04	68	A	>4	>4–1	4.77	6.42	5.47	1.12	No	No	0	0.00	0.00	0.00	Stage I	Well-developed pelletal and broken tube layer, looks periodically erosional, very subtle RPD contrast and RPD may be influenced by physical processes
NA04	68	B	>4	>4–1	8.35	9.15	8.83	1.59	No	No	1	3.78	3.75	3.76	Stage I on III	Nice pelletal layer, shallow void at right and RPD depressed down to void level
NA04	68	C	>4	>4–1	4.63	5.45	5.12	2.21	No	No	2	5.01	2.12	3.57	Stage I on III	Pelletal layer, voids lower center and mid left, RPD depressed down to void in left-hand portion of frame
	69	A	>4	>4–1	11.71	12.95	12.36	2.60	No	No	0	0.00	0.00	0.00	Stage III	Large broken tube and high surface irregularity, 8 cm layer of mud over fine sands, recent deposition
	69	B	>4/3–2	>4–1	6.72	9.34	8.19	1.28	No	No	0	0.00	0.00	0.00	Stage I	Thick flocculent pellet and broken tube layer, mud layer 6.55 cm thick over fine sands, depositional, debris in background coated with detritus and tube-appears to have some current here based on the encrustations
	69	C	>4–3	>4–1	12.59	13.99	13.38	IND	No	No	0	0.00	0.00	0.00	Stage I	Devoid of flocs or oxidized sediment, appears physically disturbed at sediment-water interface with fines washed away - not sampling related, fine sandy mud over (7.9 cm) over fine sand (2 cm) which in turn overlies reduced mud, periodically erosional station (prop-wash?)
NA05	70	B	>4	>4–1	12.42	14.90	13.80	2.24	No	No	2	8.18	4.82	6.50	Stage I on III	Pellet and mud clast layer at surface, small voids in mid right and mid left, surface sediment enriched in fine sand relative to subsurface and grain size reflects this, there no layering but rather a subtle transition from >4-3 to >4 with depth
NA05	70	C	>4	>4–1	14.43	15.48	15.09	3.46	No	No	2	10.69	6.12	8.40	Stage I on III	Pellets and flocs at surface, red filamentous algae at sediment-water interface, two voi on left side of frame, RPD much thicker in mid right portion of the frame, surface sediments sandier but not distinctly layered
	71	A	>4–3	>4–4	0.94	6.03	3.20	2.58	No	No	0	0.00	0.00	0.00	Stage I	Poorly sorted sediment; rocks in background, RPD is minimum measure as it extends beyond the picture frame in the lower right, mud clasts that are biogenically aggregated
	71	B	>4–3	>4–1	2.92	4.77	3.72	1.90	No	No	0	0.00	0.00	0.00	Stage I	Potentially erosional with temporary biogenic aggregation of small mud clasts and tube pieces at the sediment-water interface, sandy substrate mixed with some fines, RPD is measured as a linear distance as it is difficult to follow over entire width of fran
	71	C	3–2	>4–1	10.69	11.62	11.10	2.21	No	No	0	0.00	0.00	0.00	Stage I	Fine sand layer (8 cm) over thin layer of reduced mud (1 cm) over very fine sand (3 cm+), periodically erosional and depositional, this sequence most likely due to erratic strong prop-wash events as sand layers are relatively well sorted. Small benthic forams, RPD is deep for so few organisms and is likely influenced by physical processes (e.g., water injection from wash)
	72	A	>4	>4–1	12.15	12.92	12.63	3.62	No	No	3	10.22	7.34	8.78	Stage I on III	Dense tubes at sediment-water interface, voids across frame, layer of fine to medium sand at bottom of frame and voids are all above this layer, biogenic aggregation of tubes, mud clasts and flocs at sediment-water interface
	72	B	IND	>4–2	IND	IND	IND	IND	No	No	0	0.00	0.00	0.00	IND	No penetration, sand and some silt in water column
	72	C	>4	>4–1	14.60	15.73	15.21	2.47	No	No	2	11.42	4.25	7.83	Stage I on III	Flocs and fine tubes at sediment-water interface, void in lower left (oxidized) and void in upper center (reduced), a few broken tubes at the surface
NA13	73	B	>4	>4–1	15.01	16.36	15.53	2.19	No	No	3	13.01	4.93	8.97	Stage I on III	Large and extensive active voids, flocs at surface, abundant fine tubes and fecal pellets, disarticulated organism at left (possible urchin)
NA13	73	C	>4	>4–1	13.19	15.65	14.97	4.49	No	No	2	10.44	5.78	8.11	Stage I on III	Striking conveyoring of highly reduced sediment to surface via burrowing, dense tubes at surface, thick RPD, some disarticulation of surface sediment fabric
NA06	74	A	>4	>4–0	17.91	19.01	18.51	2.26	No	No	1	4.70	3.63	4.17	Stage I	Relict void in upper left, penetration at angle, abundant red filamentous algae at sediment-water interface, pockets of reduced sediment at depth, dragdown of algae obscures RPD in mid-right and RPD interpolated here
NA06	74	B	IND	>4–1	IND	IND	IND	IND	No	No	IND	0.00	0.00	0.00	IND	Little penetration, sand and silt kicked up along with what looks like small white benthic forams

Final SPI data with quality assurance (cont.)

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NA06	74	C	>4	>4–1	11.96	12.35	12.21	1.95	No	No	1	4.91	2.34	3.63	Stage I on III	Red filamentous algae at surface, layer of reduced pellets on surface, clump of aggregated polychaete tubes with oxidized sediment in center; errant polychaete visible in burrow at depth
NA07	75	A	>4	>4–2	17.05	19.89	18.19	0.71	No	No	3	14.58	8.68	11.63	Stage III	Penetration at angle and slightly disturbed, RPD linear measurement from representative area, plastic mud
NA10	76	A	>4	>4–1	11.98	12.67	12.47	1.96	No	No	1	5.04	4.57	4.81	Stage III	Disturbed surface and very difficult and low contrast RPD, top 1.5-2 cm is sorted and may be from sampling; however, it obscures the RPD and results in the layer grain size designation, relatively featureless subsurface
NA10	76	B	>4	>4–2	16.97	16.97	16.98	3.96	No	No	4	15.10	3.75	9.43	Stage III	Sediment-water interface leveled by wiper blade, deep well defined RPD, easily discernible active voids, nice picture with exception of the wiper
NA09	77	A	IND	>4–>4	0.00	0.17	IND	IND	No	No	0	0.00	0.00	0.00	Stage I	Dense tubes and well developed, little penetration, in photic zone
NA09	77	B	IND	>4–1	0.00	0.00	IND	IND	No	No	0	0.00	0.00	0.00	Stage I	Dense tubes and well developed, little penetration, in photic zone
NA09	77	C	>4	>4–3	10.44	11.21	10.77	2.01	No	No	2	9.18	8.50	8.84	Stage I on III	Excellent image, white shell-ceramic debris at surface with red algae and dense tubes and epizoans in background, striking conveyoring of reduced sediment upward, voids are related to same organism
NA11	78	A	>4	>4–2	15.40	15.89	15.58	2.64	No	No	4	15.02	3.53	9.27	Stage I on III	Fecal pellets, tubes, filamentous red algae at sediment-water interface, nice voids, RPD deepest at right in vicinity of burrow
NA11	78	B	>4	>4–2	12.26	15.76	13.22	1.56	No	No	1 relict	8.51	8.51	8.51	Stage I	Pelletal layer at surface and defines RPD, low-contrast RPD, relatively featureless gray mud at depth, one void is collapsed and relict, red algae in upper left
NA11	78	'	>4	>4–2	16.61	17.66	17.25	1.71	No	No	2	14.13	4.17	9.15	Stage I on III	Voids in upper left and lower right, pockets of sand subsurface which are feeding lag deposits, well bioturbated
NA11	78	C	>4–3	>4–1	12.18	13.30	12.72	1.57	No	No	3	9.24	0.72	4.98	Stage I on III	Surface appears resuspended, sandier at upper sediment column and grades to more silt with depth, nice voids, broken tubes and pellets at surface but sparse
NA12	79	A	>4	>4–1	>20.81	>20.81	>20.81	IND	No	No	0	0.00	0.00	0.00	IND	Overpenetrated, fluid, homogeneous mud with minor shell fragments and benthic forams, algae dragdown at depth
NA12	79	B	>4	>4–2	17.58	20.03	19.27	1.51	No	No	0	0.00	0.00	0.00	IND	Prism in motion, RPD is linear measurements not average due to disturbance, homogeneous fluid mud
NA12	79	C	>4	>4–1	15.18	20.22	16.56	1.51	No	No	0	0.00	0.00	0.00	IND	Interpolated liner RPD measurements, picture disturbed from previous replicate, fluid homogeneous mud, depositional
NA15	80	A	>4	>4–1	15.04	17.35	16.35	2.48	No	No	0	0.00	0.00	0.00	Stage I	Dense red algae at surface, low RPD contrast, flocs, some broken tubes
NA15	80	B	>4	>4–2	5.84	7.91	6.47	2.58	No	No	0	0.00	0.00	0.00	Stage I	Thick RPD and red algae at surface, abundant detritus and pelletal material
	82	A	>4	>4–1	12.15	13.47	12.71	2.12	No	No	1	7.71	6.45	7.08	Stage I on III	Void in lower right and appears active, abundant red algae at sediment-water interface, pellets (small) and detritus at sediment-water interface
	82	B	>4	>4–3	14.10	15.43	14.54	2.68	No	No	0	0.00	0.00	0.00	Stage I	Deep pelletal layer that defines RPD, RPD interpolated across dragdown, red algae at surface, subsurface is moderately bioturbated but no voids apparent
	82	C	>4	>4–3	12.15	13.97	13.22	1.84	No	No	5	10.47	5.08	7.77	Stage I on III	Pelletal layer at surface, abundant well-formed voids, tube at sediment-water interface and tube piece amongst pellets
	83	A	>4	>4–2	11.79	13.14	12.43	2.45	No	No	4	8.98	6.31	7.65	Stage I on III	Abundant tubes at sediment-water interface, distinct and active voids, red algae at sediment-water interface, twig upper right, picture in photic zone
	83	B	>4	>4–2	12.34	17.00	14.45	1.29	No	No	2	8.35	5.67	7.01	Stage I on III	Burrow at left and mound at right, all relief biological, abundant tubes, thinly developed RPD over burrow and thickly developed RPD over mounds but burrow dominates fram well bioturbated, red algae at sediment-water interface and stick in background
	83	C	>4	>4–2	15.34	16.34	15.96	2.74	No	No	2	11.56	0.53	6.04	Stage I on III	Large burrow and void at right, active void mid-left, two types of tubes at sediment-wat interface, red algae, abundant pellets that in varying states of biogenic aggregation
NA17	84	A	>4	>4–3	0.83	2.01	1.60	0.90	No	No	0	0.00	0.00	0.00	Stage I	Firm clay, pelletal-detrital layer at sediment-water interface defines RPD little bioturbation but also little penetration, current direction can be seen in boundary layer flow
NA17	84	B	>4	>4–1	10.25	12.20	11.34	1.85	No	No	3	3.94	3.47	3.71	Stage I on III	Red algae at surface, thin RPD abundant subsurface voids, debris (organic) at sedime water interface, well bioturbated
NA17	84	C	IND	IND–IND	0.00	0.00	0.00	IND	No	No	0	0.00	0.00	0.00	IND	No penetration, rock in background
	85	B	>4	>4–2	8.54	9.23	8.84	1.89	No	No	0	0.00	0.00	0.00	Stage I	Nice pelletal layer at the sediment-water interface, subsurface featureless
	85	C	>4	>4–2	13.24	14.36	13.81	1.46	No	No	1	3.73	3.41	3.57	Stage III	Red algae and polychaete tubes at sediment-water interface, high water content sediments
NA19	86	A	>4	>4–1	10.39	13.36	12.21	1.88	No	No	2	9.51	2.92	6.21	Stage I on III	Some nice active voids at depth, large burrows, nice tubes at sediment-water interface, some flocs and pellets

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
NA19	86	B	>4	>4–1	12.56	14.30	13.07	3.18	No	No	2	7.93	2.48	5.21	Stage I on III	Large void at right, small void upper mid center, abundant intact and broken tubes at th sediment-water interface, pellets between tubes, red algae in foreground; in backgroun well bioturbated
NA19	86	C	>4	>4–2	9.78	11.54	10.71	1.89	No	No	4	5.92	2.73	4.32	Stage I on III	Nice voids, good bioturbation around right void network, abundant pellets at sediment-water interface and pellets in distinct 0.4 cm layer
	88	A	>4–3	>4–0	9.07	11.96	11.21	2.23	No	No	0	0.00	0.00	0.00	Stage I	Nice tubes and pellets at sediment-water interface, mussel shell at sediment-water interface, abundant shell fragments and sand in sediment column, appears to be layere with band of dark gray sediment running across middle of the frame 5 cm down
	88	C	>4	>4–1	>20.6	>20.6	>20.6	IND	No	No	0	0.00	0.00	0.00	IND	Overpenetration, very soft fluid mud with abundant small shell fragments, organism in mid upper left
	89	A	>4	>4–3	5.70	6.69	6.29	0.75	No	No	0	0.00	0.00	0.00	Stage I	Erosional surface with temporary pelletal layer, very little bioturbation, pelletal layer constitutes the RPD
	89	B	>4–3	>4–0	12.89	14.71	13.95	1.12	No	No	1	4.27	3.50	3.89	Stage III	Void in upper right of sediment column and is small, minor pellets at the surface, upper sediment column enriched in sand relative to bottom of picture
	89	C	>4	>4–2	14.63	20.66	18.54	IND	No	No	0	0.00	0.00	0.00	IND	Angled penetration, fluid muds, upper sediment column enriched in sand and fine shell fragments relative to underlying sediments
	91	A	>4–3	>4–1	13.58	13.88	13.82	1.44	No	No	3	12.09	3.14	7.62	Stage I on III	Tubes at sediment-water interface, void network in right of frame, sandier surface sediments that transition to fines with depth, voids are active
	91	B	>4	>4–1	12.34	14.32	13.67	1.20	No	No	1	8.29	6.84	7.56	Stage I on III	Flocs at surface, large void mid left center, burrow depression and animal subsurface at far left
	91	C	>4	>4–1	14.54	15.34	15.04	1.86	No	No	0	0.00	0.00	0.00	Stage I	Similar to other two replicates but without voids, polychaete visible in subsurface sediment, well developed floc layer and fine tubes at surface
	92	A	>4	>4–2	15.59	15.87	15.84	2.04	No	No	1	13.66	13.66	13.66	Stage I on III	Relatively shallow redox layer, forams in upper 5-6 cm, low disturbance
	92	B	>4	>4–2	13.50	14.71	14.22	1.84	No	No	2	5.66	0.91	3.28	Stage I on III	Tubes/pellets at sediment-water interface, active burrow, low disturbance regime
	92	C	>4	>4–2	15.79	20.41	18.55	3.04	No	No	0	0.00	0.00	0.00	Stage I	Soft fluid mode, large tube at sediment-water interface, penetration at angle
	94	A	4–3	>4–1	14.21	15.10	14.85	1.81	No	No	1	12.12	10.20	11.16	Stage I on III	One large horizontal void at bottom, nice flocs and small tubes at surface, sand layer over mud, sand layer 3-5 cm
	94	B	4–3	>4–1	15.56	16.23	15.95	1.69	No	No	1	15.70	15.38	15.54	Stage I on III	Small void lower center sand layer over mud, buried RPD, depositional, good slide
	94	C	4–3	>4–1	16.64	17.66	17.30	2.85	No	No	1	15.04	13.97	14.51	Stage I on III	Void lower left, sand layer over mud, depositional
	95	A	>4	>4–1	14.96	18.10	16.35	2.43	No	No	4+	13.75	2.40	8.07	Stage I on III	Abundant void, dense tubes and flocs at surface, well bioturbated
	95	B	>4	>4–1	13.47	14.63	14.14	2.02	No	No	0	0.00	0.00	0.00	Stage I	All voids relict, buried RPD, sand layer over mud, depositional, tubes and flocs at surface
	95	C	4–3	>4–1	17.66	20.08	18.59	0.31	No	No	1	2.32	1.96	2.14	Stage I on III	Void in upper left, layer of sand over mud, relict RPD easily seen, pellets on surface but no downward bioturbation
NA20	96	A	4–3	>4–1	13.00	14.21	13.59	2.44	No	No	1	6.58	1.93	4.26	Stage I on III	Large void upper center, sand layer over mud, hydroid in right, abundant tubes and flocs, nice picture
NA20	96	B	4–3	>4–1	13.55	16.72	14.73	1.19	No	No	0	0.00	0.00	0.00	Stage I	Sand over mud over sand, episodically depositional, pellets at surface, no voids nice layering
NA20	96	C	>4	>4–1	13.72	14.06	13.98	1.55	No	No	0	0.00	0.00	0.00	Stage I	Sand/mud/sand. Colonization proceeding top down, organism blood in center, tubes ar flocs at surface, excellent photo, episodic deposition, relict RPD preserved
	97	A	>4	>4–1	11.68	12.89	12.61	1.51	No	No	0	0.00	0.00	0.00	Stage I	Mud deposited over coarse sand lag, colonization from top down, flocs and small tubes at sediment-water interface
	97	B	–4	>4–4	0.00	0.00	0.00	IND	No	No	0	0.00	0.00	0.00	IND	Downward look at detritus dusted cobble lag, appears highly erosional, scour zone and periodic deposition between prop wash events
	97	C	>4	>4–>4	0.00	0.00	0.00	IND	No	No	0	0.00	0.00	0.00	IND	Downward look at detritus, possible lag deposit underneath, finer grained than previous replicate
	98	A	3–2	>4–1	11.82	12.56	12.27	1.38	No	No	1	8.70	8.44	8.57	Stage I on III	sand/mud, sand layer 9.7 cm thick, relict RPD at bottom of sand layer, excellent picture of coarse deposition probably related to prop wash redistribution of sediment, nice small tube assemblage at sediment-water interface and hydroid colony at right
	98	B	4–3	>4–1	12.70	13.25	13.03	1.78	No	No	2	9.45	1.96	5.70	Stage I on III	Sand/mud, sand layer 9.9 cm, deposition, tubes, hydroid algae at sediment-water interface, sand is coarser at bottom of deposit, deposition
	98	C	4–3	>4–1	12.23	13.88	12.84	1.77	No	No	0	0.00	0.00	0.00	Stage I	All voids relict, sand over med sand, depositional, flocs at sediment-water interface, broken tubes at sediment-water interface
	104	A	>4	>4–2	6.09	6.42	6.24	1.17	No	No	0	0.00	0.00	0.00	Stage I	Erosional surface, cobble in background, uniform mud subsurface
	104	B	>4	>4–2	6.29	7.74	7.17	2.84	No	No	0	0.00	0.00	0.00	Stage I	Thick floc and pellet layer with some broken tubes, possibly periodically erosional, subsurface sediment is uniform

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
	104	C	>4	>4–0	6.25	6.94	6.71	2.79	Yes	No	0	0.00	0.00	0.00	Stage I	Highly methanogenic with thick pelletal/detrital RPD overlying anoxic mud, report picture, coarse grained sediment interspersed throughout
NA22	105	A	>4	>4–1	11.27	11.49	11.41	1.72	No	No	0	0.00	0.00	0.00	Stage I	Sandy silt overlying distinct band of black mud at -6.5 cm, black band 2 cm thick, surface enriched in sand, appears depositional
NA22	105	B	>4	>4–1	12.89	14.35	13.86	1.06	No	No	7	11.33	3.06	7.19	Stage I on III	Abundant voids, distinct layer of depositional intervals, grading in intervals, depositional
NA22	105	C	>4	>4–2	12.37	12.81	12.62	IND	No	No	10+	10.11	3.48	6.79	Stage III	Reduced pellet layer on surf, intensively bioturbated, RPD obscured
NA22	105	D	>4	>4–1	14.27	16.72	15.41	0.85	No	No	0	0.00	0.00	0.00	Stage I	Recent deposition, bedform on left, RPD buried, fine sand over mud, excellent picture of recent physical disturbance and deposition
	106	A	>4	>4–2	14.82	14.96	14.84	0.99	No	No	0	0.00	0.00	0.00	Stage I	Physical disturbance from deposition, sand/mud/sand/mud, episodic deposition evidenced by layers and buried RPDs, possible report picture
	106	B	3–2/>4	>4–2	13.14	13.91	13.50	0.74	No	No	0	0.00	0.00	0.00	Stage I	Sorted sand over mud, recent deposition, flocs at surface, recently developed RPD, broken tubes at sediment-water interface, possible report picture
	106	C	>4	>4–2	13.28	13.61	13.57	0.91	No	No	1	12.32	11.74	12.03	Stage I on III	Similar to previous replicates, developed intact tubes at sediment-water interface, 2-3 cm deposition interval at surface and buried RPD
	108	A	>4	>4–2	9.39	10.52	9.90	1.33	No	No	0	0.00	0.00	0.00	Stage I	Dense tube assemblage, lens of sandblast grit 4 cm down, flocs and pellets at surface
	108	B	4–3	>4–2	0.42	4.13	2.22	1.71	No	No	0	0.00	0.00	0.00	Stage I	Flocs and detritus at surface, sponge at left, top 5 mm resuspended, underestimate of RPD due to shallow penetration at right, bedform
	108	C	IND	IND	0.00	0.00	0.00	IND	No	No	IND				IND	Shallow penetration, detrital covered surface
	109	A	IND	IND	IND	IND	IND	IND	No	No	IND				IND	Sediment disturbed by camera, everything is in suspension, tubes and fecal pellets observable in water column
	109	B	>4	>4–2	6.45	10.11	8.33	IND	No	No	IND				Stage I	Disturbed surface, thick biogenic aggregate that has been blown away by impact, appears to be healthy surface colony
	109	C	4–3	>4–2	16.78	18.18	17.17	IND	No	No	IND				IND	Disturbed, sand/mud, oxidized sediments and tubes buried in matrix of sand, appear to be both depositional and sampling-disturbed, probably was a Stage I community; area disturbed frequently, prop wash likely cause
SW10	110	B	3–2	>4–2	13.97	15.65	15.12	0.75	No	No	4	14.63	9.45	12.04	Stage I on III	Rhythmic banding at 1-2 cm intervals, depositional, numerous buried RPDs, nice voids, report picture, bioturbation is occurring beneath recent deposition
SW10	110	C	4–3	>4–2	12.73	13.53	13.28	1.65	No	No	2	10.22	3.77	7.00	Stage I on III	Similar to above with sand/mud/sand/mud, bioturbation is proceeding, depositional, nice picture
	111	A	>4	>4–1	10.30	11.07	10.74	2.40	No	No	5	10.89	7.19	9.04	Stage I on III	Sandier at surface, nice dense tubes at sediment-water interface, well-bioturbated, ulva at left; tubes, pellets and detritus at sediment-water interface
	111	B	>4	>4–2	11.35	12.59	12.02	2.51	No	No	1	9.26	8.60	8.93	Stage I on III	Sand/mud, broken sponge at surface, void lower center, slight disturbance, tubes at sediment-water interface
	111	C	>4	>4–2	10.47	12.95	11.34	2.42	No	No	6	11.19	3.58	7.39	Stage I on III	Pelletal layer and broken tubes at sediment-water interface, intensively bioturbated in subsurface
	112	A	>4	>4–2	12.81	16.12	14.42	2.57	No	No	3	11.68	3.17	7.42	Stage I on III	Subtle RPD contrast, pelletal/detrital surface, some disturbance at sediment-water interface, large burrow and void complex in center
	112	B	>4	>4–2	15.62	17.41	16.49	2.97	No	No	0	0.00	0.00	0.00	Stage I	Deep biogenically aggregated pelletal layer at surface, low RPD contrast
	112	C	>4	>4–2	14.41	18.26	16.62	3.91	No	No	5	15.37	3.00	9.19	Stage I on III	Deep RPD, subtle contrast, quiescent, well bioturbated, tubes and flocs at sediment-water interface
	112	D	>4	>4–2	13.28	14.90	14.23	2.95	No	No	3	14.44	1.34	7.89	Stage I on III	Deep well developed pelletal layer at sediment-water interface, abundant flocs, well bioturbated at depth, burrow just below sediment-water interface in upper right
	113	A	>4	>4–3	16.86	18.76	18.24	IND	No	No	1	14.38	6.18	10.28	Stage III	Enormous burrow/void across frame, surface disrupted precluding RPD measure, filamentous red algae at surface
	113	B	>4	>4–3	17.93	19.03	18.69	3.08	No	No	1	11.46	5.78	8.62	Stage I on III	Well developed tubes and pelletal layer at sediment-water interface, some red algae dragdown, low RPD contrast, stable community, large void at center left
	113	C	>4	>4–3	15.62	16.86	16.24	IND	No	No	IND	IND	IND		IND	Sedimentary fabric disrupted by algae dragdown, probably similar to previous replicate, but too much disturbance, flocs indicate that RPD was probably well developed
	114	A	>4	>4–3	16.67	17.60	16.99	5.89	No	No	2+	14.24	3.61	8.93	Stage II on III	Very deep pelletal layer and biogenic aggregate, minimum of two voids but some may have been obscured by the disruption at right, dense tubes, great example of surface habitat created by tubes and sediment binding
	114	b	>4	>4–3	9.73	12.31	10.60	4.87	No	No	0	0.00	0.00	0.00	Stage II	Very deep pelletal layer that is biogenically aggregated, no voids seen but there is slight pull-away, infauna visible in center, surface colony is reason for Stage II designation - infaunalization
	114	C	>4	>4–3	>20.79	>20.79	>20.79	IND	No	No	IND	IND	IND		IND	Overpenetration, very loose fluid mud, cake batter texture

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
	115	A	>4	>4–3	>20.7	>20.7	>20.7	IND	Yes	No	4	20.01	3.47	11.74	Stage III	Overpenetration, very loose fluid mud, cake batter texture, large deep voids, intense bioturbation, methane bubbles in lower right-hand void
	115	B	>4	>4–3	7.25	12.23	9.56	IND	No	No	IND	IND	IND		IND	Disturbed from camera, gray mud
	115	C	>4	>4–2	15.78	17.77	16.94	2.19	No	No	2	12.37	2.45	7.41	Stage III	Disturbed surface, RPD interpolated, voids at depth in left and far right, tubes and mud clasts at surface
	116	A	IND	IND–IND	0.00	0.00	0.00	IND	No	No	IND	IND	IND		IND	Hard bottom, no penetration, in photic zone
	116	B	>4	>4–2	10.05	13.11	11.50	2.72	No	No	0	0.00	0.00	0.00	Stage I	Irregular surface with some disturbance, dense tubes at right, burrow at depth in mid-left quadrant, a few deposit feeders present, primarily Stage I
	116	C	IND	IND–IND	0.00	0.00	0.00	IND	No	No	IND	IND	IND		IND	Hard bottom, no penetration, in photic zone
	117	A	>4	>4–1	4.93	7.71	6.44	2.29	No	No	1	7.17	5.75	6.46	Stage I on III	Angled penetration, tubes at sediment-water interface, possible bedform at right, void lower left, in photic zone
	117	B	>4	>4–1	14.32	20.63	17.81	0.31	No	No	3	13.37	4.38	8.88	Stage III	Disturbed surface, very nice void network in subsurface, well bioturbated, upper sediment column sandier than underlying muds
	117	C	>4	>4–3	13.53	15.29	14.44	1.96	No	No	0	0.00	0.00	0.00	Stage I	Pull-away at sediment-water interface, dense tubes at sediment-water interface along with robust pelletal layer, looks aggregated, evidence of past bioturbation in subsurface sediment
	118	A	IND	IND	0.00	0.00	0.00	IND	No	No	0	0.00	0.00	0.00	IND	Hard bottom, no penetration
	118	B	>4	>4–4	8.62	12.04	10.31	0.86	No	No	1	3.91	3.20	3.55	Stage III	Erosional at surface, small void lower right, bivalve shell in center
	118	C	–4	>4–4	0.30	1.38	0.65	IND	No	No	0	0.00	0.00	0.00	IND	Cobble and shell lag with detritus dusting at surface, erosional
	119	A	>4	>4–2	12.98	13.61	13.41	1.42	No	No	2	11.24	4.05	7.65	Stage I on III	Tubes at sediment-water interface, two active voids, nice flocs layer, subtle RPD contrast.
	119	B	>4	>4–2	9.92	10.39	10.16	0.66	No	No	2	7.83	4.05	5.94	Stage I on III	Sand/mud, 1-2 cm depositional layer at surface, old RPD buried and visible, nice tubes and floc/detrital layer at sediment-water interface, very low RPD contrast
	119	C	>4	>4–2	13.28	13.58	13.49	0.58	No	No	0	0.00	0.00	0.00	Stage I	Thin sand over mud, very recent deposition, RPD just forming again, relict RPD 1-2 cm below sediment-water interface, nice example of fresh disturbance
	120	A	IND	IND	0.00	0.00	0.00	IND	No	No	IND	IND	IND		IND	No penetration
	120	B	IND	IND	0.00	0.00	0.00	IND	No	No	IND	IND	IND		IND	No penetration
	120	C	IND	IND	0.00	0.00	0.00	IND	No	No	IND	IND	IND		Stage I	Dense tube assemblage at sediment-water interface, very nice downward view, detritus at sediment-water interface, no penetration
2441	REF1	A	>4–3	>4–1	16.14	17.82	17.10	1.34	No	No	1	8.70	7.91	8.31	Stage III	Minor tube pieces and fecal matter at sediment-water interface, very nice void, different from other previous stations
2441	REF1	B	>4–3	>4–1	13.30	14.96	14.50	1.02	No	No	1	12.32	10.47	11.39	Stage III	Abundant polychaetes in subsurface, void lower center, thin RPD, becomes sandier at surface, winch wire in background
2441	REF1	C	>4–3	>4–1	13.91	16.09	15.32	1.50	No	No	0	0.00	0.00	0.00	Stage III	Numerous polychaetes, no voids but called Stage III due to the abundant feeding lags interspersed through the sediment column, faint layering on 5 cm scale, large burrow with organism present
2441	REF1	D	>4–3	>4–1	14.88	16.64	16.01	1.18	No	No	2	11.80	2.56	7.18	Stage III	Sandy silt, nice voids in upper and lower center, thin RPD, eelgrass blade at left that is decomposing, subsurface sands in pockets from feeding activity
2441	REF1	E	3–2	>4–1	3.50	4.52	3.95	1.40	No	No	0	0.00	0.00	0.00	Stage I	Sea pens at right, polychaetes in sand, appears dynamic, very different from other replicates
2433	REF2	A	4–3	>4–2	13.77	14.65	14.13	1.28	No	No	3	12.97	5.32	9.15	Stage III	Nice burrows and voids, classic shot of mature equilibrium community
2433	REF2	B	4–3	>4–2	9.81	12.07	10.88	1.95	No	No	0	0.00	0.00	0.00	Stage I	Numerous red polychaetes at depth in center, bedform on left advancing to right, former RPD is buried under this well-sorted sand, excellent picture to show sand advancemen few structures from biogenic activity seen in sand as physical movement has obscured them
2433	REF2	C	4–3	>4–2	12.37	14.08	13.79	1.74	No	No	1	6.75	6.42	6.59	Stage I on III	Excellent picture, numerous red thin worms at depth, small void in center, very well sorted fine sand, robust community in the sand as it appears temporarily quiescent, seapens at right in bedforms
2433	REF2	D	4–3	>4–2	14.10	14.66	14.16	1.91	No	No	5	13.03	4.46	8.74	Stage III	Similar to previous replicates but fine grained sediment at bottom of frame, very well bioturbated and an excellent example of well-processed sediment
2433	REF2	E	4–3	>4–2	11.24	12.98	12.25	1.11	No	No	3	11.63	3.92	7.77	Stage III	Similar to previous replicates, large animal at left (possible razor clam), classic fecal mound in center with reduced sediment overlying RPD, buried RPD 2 cm below sediment-water interface, alternately depositional and erosional, seapen at right
2440	REF3	A	4–3	>4–2	10.19	11.29	10.69	2.49	No	No	2	8.30	2.75	5.53	Stage I on III	Diverse and rich biota, epizoans on surface and animals living among the epizoans, sandy substrate, well processes

Final SPI data with quality assurance (cont.)

Sediment Sampling Station	SPI Station Identifier	SPI Replicate Identifier	Grain Size Major Mode (phi)	Grain Size Range (phi)	Penetration Minimum (cm)	Penetration Maximum (cm)	Average Penetration (cm)	RPD Mean (cm)	Methane	Low DO?	# of Feeding Voids	Max. Void Depth (cm)	Min. Void Depth (cm)	Average Void Depth (cm)	Infaunal Successional Stage	Comments
2440	REF3	B	4–3	>4–1	10.96	11.85	11.39	1.85	No	No	1	8.22	5.88	7.05	Stage I on III	Tubes at surface, voids at subsurface, some physical control of RPD at left as it pinche to 0, nice picture, sandy subsurface sediment
2440	REF3	C	4–3	>4–2	7.88	7.99	8.04	2.47	No	No	1	5.09	1.66	3.37	Stage I on III	Appears to detrital field in ripple trough that is biogenically aggregated and stabilized, bedform in right farfield, good example of incipient flaser bedding
2440	REF3	D	4–3	>4–2	12.59	13.23	13.04	2.20	No	No	2	10	9	9.39	Stage I on III	Similar to other, well processed silty fine sand, nice voids center-left
2440	REF3	E	4–3	>4–2	12.86	13.61	13.28	2.32	No	No	1	7.89	2.56	5.23	Stage III	Nice conveyoring of reduced material upward in center of frame, similar to rest at this station, well processed silty fine sand, tubes at surface
2231	REF4	A	>4	>4–2	9.20	10.44	9.79	5.84	No	No	Many	8.21	1.27	4.74	Stage II on III	Biogenic aggregation of surface sediment, rich and diverse epizoans, hydroids, large animal in foreground, habitat created by biogenic aggregates
2231	REF4	B	>4	>4–2	8.98	9.61	9.21	5.81	No	No	Many	9.61	8.98	9.30	Stage II on III	Similar to above but better cross section, notable biogenic aggregate
2231	REF4	C	>4	>4–2	10.14	10.80	10.46	4.78	No	No	Many	10.80	10.14	10.47	Stage II on III	See above
2231	REF4	D	>4	>4–2	8.26	9.87	9.13	5.60	No	No	Many	9.87	8.26	9.06	Stage II on III	See above but with really nice seapen and very dense tubes at sediment-water interface
2231	REF4	E	>4	>4–2	5.67	6.83	6.53	4.95	No	No	Many	6.83	5.67	6.25	Stage II on III	Similar to previous replicates, dominated by biogenic aggregate at surface
2231	REF4	F	>4	>4–2	7.66	9.78	8.73	5.77	No	No	Many	9.78	7.66	8.72	Stage II on III	See above, nice hydroid and surface fauna
2243	REF5	A	>4	>4–2	7.47	9.75	8.83	2.57	No	No	0	0.00	0.00	0.00	Stage I	Slightly sandy gray silt, algae at surface, tubes and fecal casing at surface also, turbid from sampling
2243	REF5	B	4–3	>4–2	7.80	9.15	8.62	1.48	No	No	0	0.00	0.00	0.00	Stage I	Layered fine sand, thin RPD, appear physically disturbed from wave/currents
2243	REF5	C	>4	>4–0	8.73	11.35	10.17	2.19	No	No	2	7.74	5.58	6.66	Stage I on III	Algae at left, nice voids, RPD interpolated
2243	REF5	D	4–3	>4–2	3.69	8.84	5.60	1.62	No	No	0	0.00	0.00	0.00	Stage I	Recently disturbed fine sand, relief is physical, very little fines at surface, mud clasts in background, broken tubes at sediment-water interface
2243	REF5	E	>4	>4–2	4.96	8.87	7.20	4.20	No	No	0	0.00	0.00	0.00	Stage III	Rich surface life, very different from other replicates, abundant algae; in algae, some dragdown, thin red polychaetes at subsurface

Note: DO - dissolved oxygen
IND - indeterminate
RPD - redox potential discontinuity

Appendix B

Surface and Subsurface Sediment Chemistry Data

Contents

Appendix B1

Surface Sediment Chemistry

Contents

Table B1-1. Conventional results for surface sediment samples

Station	Sample Number	Date	Field Split	Oxidation-Reduction Potential (mV)	pH (pH units)	Total Solids (percent)	Total Organic Carbon (percent)
Reference							
2229	SD0103	09/09/2002				33.4	0.55
2230	SD0104	09/09/2002				33.7	0.37
2231	SD0013	08/08/2001			7.38	39.3	1.30
2231	SD0134	09/14/2002		51	7.99	39.1	1.25
2231	SD0168	11/06/2002				42.8	1.20
2240	SD0125	09/12/2002				41.3	1.09
2241	SD0128	09/12/2002				72.4	0.25
2243	SD0049	08/14/2001			7.48	59.7	0.51
2243	SD0124	09/12/2002				63.1	0.63
2243	SD0176	11/07/2002				59.4	0.64
2244	SD0126	09/12/2002	1			62.3	0.55
2244	SD0127	09/12/2002	2			64.5	0.51
2265	SD0107	09/09/2002				29.3	0.70
2433	SD0041	08/12/2001			7.74	61.5	0.67
2433	SD0130	09/13/2002				61.1	0.69
2433	SD0167	11/06/2002				60.7	0.70
2435	SD0102	09/09/2002				36.1	0.37
2440	SD0043	08/13/2001			7.78	58.9	1.62
2440	SD0131	09/13/2002				60.5	1.07
2440	SD0175	11/07/2002				60.5	0.87
2441	SD0034	08/11/2001			7.75	57.9	1.10
2441	SD0123	09/12/2002		–99	7.99	51.8	1.28
2441	SD0166A	11/06/2002				51.0	1.26
NASSCO							
NA01	SD0030	08/11/2001	1		7.10	35.6	2.10
NA01	SD0031	08/11/2001	2		7.49	34.6	2.15
NA01	SD0136	09/14/2002				34.1	2.24
NA01	SD0179	11/07/2002				35.7	2.20
NA02	SD0033	08/11/2001				35.4	2.00
NA03	SD0032	08/11/2001			7.54	34.3	2.33
NA04	SD0035	08/11/2001			7.64	33.6	2.04
NA04	SD0096	09/08/2002				30.2	
NA05	SD0044	08/13/2001			7.92	40.8	1.60
NA06	SD0020	08/09/2001			7.62	36.8	2.31
NA06	SD0101	09/08/2002		–160	7.47	17.9	2.06
NA06	SD0181	11/07/2002				37.9	2.04
NA07	SD0017	08/08/2001	1		7.53	37.0	1.98
NA07	SD0018	08/08/2001	2		7.71	36.0	2.05
NA08	SD0055	08/14/2001			7.98	31.4	2.18
NA09	SD0054	08/14/2001			7.86	29.4	2.26
NA10	SD0056	08/14/2001			8.19	44.5	1.18
NA11	SD0021	08/09/2001			7.66	40.5	1.69
NA11	SD0098	09/08/2002				33.7	
NA12	SD0027	08/10/2001			7.65	39.9	1.48
NA13	SD0036	08/11/2001				36.4	2.10

Table B1-1. (cont.)

Station	Sample Number	Date	Field Split	Oxidation-Reduction Potential (mV)	pH (pH units)	Total Solids (percent)	Total Organic Carbon (percent)
NA13	SD0120	09/11/2002		–170	7.8	37.0	1.87
NA13	SD0183	11/08/2002				38.2	1.80
NA14	SD0051	08/14/2001				42.9	1.82
NA15	SD0037	08/12/2001			7.63	37.8	1.95
NA16	SD0038	08/12/2001			7.66	35.3	1.88
NA16	SD0099	09/08/2002	1	–160	7.80	17.4	2.04
NA16	SD0100	09/08/2002	2	–160	7.79	18.1	1.96
NA16	SD0182	11/07/2002				33.3	2.13
NA17	SD0039	08/12/2001			7.64	33.6	2.33
NA17	SD0097	09/08/2002		–140	7.78	16.8	2.24
NA17	SD0184	11/08/2002				50.0	1.52
NA18	SD0053	08/14/2001			7.38	35.7	2.04
NA19	SD0042	08/12/2001			7.41	33.3	1.84
NA20	SD0028	08/10/2001			7.70	56.4	1.42
NA21	SD0050	08/14/2001				43.5	2.15
NA22	SD0052	08/14/2001			7.65	51.4	1.65
NA22	SD0129	09/12/2002	1			49.4	
NA22	SD0132	09/12/2002	2			48.1	
NA23	SD0095	09/08/2002				35.9	2.21
NA24	SD0094	09/08/2002				20.2	2.12
NA25	SD0106	09/09/2002				24.6	1.24
NA26	SD0116	09/11/2002				44.6	1.22
NA27	SD0301	10/02/2002				27.9	2.01
NA28	SD0300	10/02/2002				31.8	1.87
NA29	SD0119	09/11/2002				40.1	1.70
NA30	SD0115	09/11/2002				45.6	1.38
NA31	SD0105	09/09/2002				25.0	0.92
Southwest Marine							
SW01	SD0001	08/06/2001			7.55	55.4	2.25
SW01	SD0137	09/14/2002				43.2	2.31
SW01	SD0169	11/06/2002	1			50.9	2.18
SW01	SD0171	11/06/2002	2			50.6	2.14
SW02	SD0005	08/06/2001	1		7.43	38.2	4.27
SW02	SD0006	08/06/2001	2		7.38	34.6	3.90
SW02	SD0138	09/14/2002				37.9	6.42
SW02	SD0172	11/06/2002				32.2	7.43
SW03	SD0009	08/07/2001			7.71	37.4	3.11
SW04	SD0012	08/07/2001			7.65	45.8	1.59
SW04	SD0112	09/10/2002		–180	7.80	33.1	3.01
SW04	SD0170	11/06/2002				36.4	2.24
SW05	SD0003	08/06/2001			7.51	47.8	1.55
SW06	SD0002	08/06/2001			7.56	35.6	1.82
SW07	SD0004	08/06/2001			7.55	44.3	1.73
SW08	SD0016	08/08/2001			7.60	30.8	3.35
SW08	SD0133	09/13/2002				26.5	3.77
SW08	SD0178	11/07/2002				24.5	4.29

Table B1-1. (cont.)

Station	Sample Number	Date	Field Split	Oxidation-Reduction Potential (mV)	pH (pH units)	Total Solids (percent)	Total Organic Carbon (percent)
SW09	SD0007	08/06/2001			7.65	41.4	1.94
SW10	SD0008	08/06/2001			7.61	54.4	1.21
SW11	SD0048	08/13/2001			7.95	36.9	1.81
SW12	SD0010	08/07/2001				45.4	1.58
SW12	SD0111	09/10/2002		–180	7.87	22.3	1.35
SW13	SD0022	08/09/2001			7.80	32.2	2.33
SW14	SD0024	08/10/2001			7.74	38.2	2.13
SW15	SD0023	08/10/2001			7.89	33.9	2.31
SW16	SD0025	08/10/2001			7.83	43.2	2.24
SW17	SD0047	08/13/2001			7.84	32.6	2.53
SW18	SD0046	08/13/2001			7.87	32.3	2.19
SW19	SD0011	08/07/2001				49.2	1.15
SW20	SD0059	08/15/2001			7.69	41.3	2.14
SW21	SD0019	08/09/2001			7.37	39.5	2.10
SW22	SD0060	08/15/2001			7.91	34.3	2.46
SW23	SD0058	08/15/2001			7.69	33.9	2.52
SW24	SD0015	08/08/2001			7.84	45.4	1.61
SW24	SD0113	09/10/2002		–170	7.87	40.6	2.06
SW24	SD0173	11/06/2002				49.5	1.59
SW25	SD0057	08/15/2001			8.02	39.1	2.03
SW25	SD0114	09/10/2002		–170	7.79	32.8	2.36
SW25	SD0174	11/06/2002				34.2	2.06
SW26	SD0014	08/08/2001				43.6	1.31
SW27	SD0045	08/13/2001			7.71	35.0	2.08
SW28	SD0029	08/11/2001			7.74	34.4	2.53
SW28	SD0121	09/11/2002		–170	7.85	33.8	2.60
SW28	SD0177	11/07/2002				35.4	2.42
SW29	SD0110	09/09/2002				25.1	1.34
SW30	SD0135	09/14/2002				35.5	2.05
SW31	SD0122	09/11/2002				61.3	0.66
SW32	SD0108	09/09/2002				17.6	1.56
SW33	SD0118	09/11/2002				34.7	2.09
SW34	SD0117	09/11/2002				43.2	1.68
SW36	SD0180	11/07/2002				31.6	2.23

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

The oxidation-reduction potential was determined by the laboratory for several samples to support results for hexavalent chromium. Details are provided in the quality assurance report (Appendix F).

Total solids data are provided on a wet weight basis.

Total organic carbon data are provided on a dry weight basis.

Table B1-2. Grain-size results for surface sediment samples

Station	Sample Number	Date	Field Split	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
Reference											
2229	SD0103	09/09/2002		0.13	0.34	1.2	9.3	0.98	65	15	8.4
2230	SD0104	09/09/2002		0.12	0.27	1.2	6.7	51	27	7.7	5.8
2231	SD0013	08/08/2001		0.75	4.4	6.5	12	21	11	23	22
2231	SD0134	09/14/2002		0.79	2.7	3.7	6.4	1.6	27	40	16
2231	SD0168	11/06/2002									
2240	SD0125	09/12/2002		0.17	1.1	1.8	5.0	8.5	5.9	68	7.6
2241	SD0128	09/12/2002		0.06	0.35	0.41	5.0	41	37	8.4	7.2
2243	SD0049	08/14/2001		0	0.13	0.22	2.4	37	32	13	15
2243	SD0124	09/12/2002		0.02	0.24	0.34	2.5	33	32	16	15
2243	SD0176	11/07/2002									
2244	SD0126	09/12/2002	1	0.22	0.40	0.73	4.5	28	34	27	4.3
2244	SD0127	09/12/2002	2	0.13	0.29	0.25	2.8	23	41	18	14
2265	SD0107	09/09/2002		1.4	1.3	1.9	8.8	41	17	14	13
2433	SD0041	08/12/2001		0	0.01	0.15	1.3	29	32	27	14
2433	SD0130	09/13/2002		0.07	0.24	0.22	1.5	1.2	58	25	13
2433	SD0167	11/06/2002									
2435	SD0102	09/09/2002		0.03	0.37	0.73	4.3	50	27	13	5.6
2440	SD0043	08/13/2001		0.30	0.54	2.1	13	36	17	18	14
2440	SD0131	09/13/2002		0.56	0.40	1.3	8.2	35	21	21	12
2440	SD0175	11/07/2002									
2441	SD0034	08/11/2001		0.34	0.50	2.3	12	18	24	27	14
2441	SD0123	09/12/2002		0.05	0.73	2.2	9.7	13	27	36	8.6
2441	SD0166A	11/06/2002									
NASSCO											
NA01	SD0030	08/11/2001	1	0.21	0.47	0.40	0.58	3.9	12	44	37
NA01	SD0031	08/11/2001	2	0.37	0.28	0.27	0.68	3.8	12	41	34
NA01	SD0136	09/14/2002		0.16	0.19	0.46	1.3	3.7	11	60	22
NA01	SD0179	11/07/2002									
NA02	SD0033	08/11/2001		0.29	0.62	0.73	1.5	5.0	11	41	36

Table B1-2. (cont.)

Station	Sample Number	Date	Field Split	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
NA03	SD0032	08/11/2001		0.90	2.9	5.0	2.8	4.5	6.6	39	36
NA04	SD0035	08/11/2001		0	3.2	3.4	2.5	4.5	6.1	41	38
NA04	SD0096	09/08/2002									
NA05	SD0044	08/13/2001		0.15	2.0	2.6	4.8	7.3	8.4	40	35
NA06	SD0020	08/09/2001		0.63	0.56	1.4	4.7	9.0	6.8	40	36
NA06	SD0101	09/08/2002		5.4	5.0	3.9	8.0	9.4	8.4	32	32
NA06	SD0181	11/07/2002									
NA07	SD0017	08/08/2001	1	1.0	0.70	1.5	3.5	6.5	6.3	45	34
NA07	SD0018	08/08/2001	2	0.34	0.89	1.8	4.7	7.5	7.0	47	32
NA08	SD0055	08/14/2001		3.0	0.84	0.71	1.2	3.6	5.5	45	41
NA09	SD0054	08/14/2001		0.06	0.47	0.65	1.4	3.1	5.2	46	43
NA10	SD0056	08/14/2001		0.74	4.5	9.6	10	6.9	7.6	33	29
NA11	SD0021	08/09/2001		1.4	2.2	3.5	4.5	5.6	7.0	44	29
NA11	SD0098	09/08/2002									
NA12	SD0027	08/10/2001		0.24	0.42	2.8	6.2	11	9.8	35	32
NA13	SD0036	08/11/2001		0.17	1.9	1.6	2.5	5.7	7.4	39	39
NA13	SD0120	09/11/2002		1.5	2.3	3.6	6.5	10	8.8	41	29
NA13	SD0183	11/08/2002									
NA14	SD0051	08/14/2001		5.9	0.68	0.87	4.4	13	11	34	34
NA15	SD0037	08/12/2001		0	0	0.19	0.79	3.3	5.8	51	39
NA16	SD0038	08/12/2001		0	0.02	0.27	1.2	4.3	7.1	49	38
NA16	SD0099	09/08/2002	1	0.47	2.4	2.7	3.7	6.3	5.5	54	28
NA16	SD0100	09/08/2002	2	0.20	2.5	1.9	2.8	5.6	5.5	51	36
NA16	SD0182	11/07/2002									
NA17	SD0039	08/12/2001		3.6	0.72	1.0	2.3	5.2	5.9	44	37
NA17	SD0097	09/08/2002		0.81	3.2	4.0	4.4	0.66	11	53	28
NA17	SD0184	11/08/2002									
NA18	SD0053	08/14/2001		4.9	1.4	3.2	4.8	7.7	5.9	38	37
NA19	SD0042	08/12/2001		0.56	0.30	1.6	3.8	6.0	6.1	39	40
NA20	SD0028	08/10/2001		0.23	0.24	0.87	6.1	20	29	25	17

Table B1-2. (cont.)

Station	Sample Number	Date	Field Split	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
NA21	SD0050	08/14/2001		6.9	0.47	0.91	2.5	5.7	13	34	35
NA22	SD0052	08/14/2001		0.30	0.02	0.52	3.5	11	25	37	23
NA22	SD0129	09/12/2002	1								
NA22	SD0132	09/12/2002	2								
NA23	SD0095	09/08/2002		0.39	0.94	1.3	3.5	8.7	6.7	41	41
NA24	SD0094	09/08/2002		6.6	4.8	5.6	8.3	11	4.2	30	30
NA25	SD0106	09/09/2002		0.56	4.0	2.4	4.9	28	12	26	21
NA26	SD0116	09/11/2002		0.90	2.2	4.1	8.9	17	16	29	17
NA27	SD0301	10/02/2002		2.8	2.8	1.7	1.3	1.4	1.5	64	20
NA28	SD0300	10/02/2002		4.8	4.4	2.5	3.3	4.3	5.1	45	26
NA29	SD0119	09/11/2002		0.60	5.1	4.4	6.8	11	9.6	36	29
NA30	SD0115	09/11/2002		2.8	2.7	3.1	8.3	21	14	27	19
NA31	SD0105	09/09/2002		4.2	2.2	2.7	11	29	11	23	19
Southwest Marine											
SW01	SD0001	08/06/2001		10	9.2	13	18	16	3.9	12	9.0
SW01	SD0137	09/14/2002		5.4	6.3	8.2	16	19	4.2	25	16
SW01	SD0169	11/06/2002	1								
SW01	SD0171	11/06/2002	2								
SW02	SD0005	08/06/2001	1	5.9	3.5	3.7	6.8	16	5.7	38	22
SW02	SD0006	08/06/2001	2	4.4	3.7	3.4	7.8	14	5.0	38	22
SW02	SD0138	09/14/2002		4.5	3.5	3.6	8.9	18	5.4	41	15
SW02	SD0172	11/06/2002									
SW03	SD0009	08/07/2001		0.57	1.0	1.2	3.5	8.7	8.5	49	31
SW04	SD0012	08/07/2001		4.8	9.9	18	16	13	7.6	16	16
SW04	SD0112	09/10/2002		2.7	3.8	8.1	10.0	14	8.5	29	21
SW04	SD0170	11/06/2002									
SW05	SD0003	08/06/2001		0.55	0.75	2.0	6.1	21	16	35	21
SW06	SD0002	08/06/2001		0	0.17	0.25	0.20	0.69	2.6	62	39
SW07	SD0004	08/06/2001		2.0	1.0	1.7	5.6	14	17	33	27
SW08	SD0016	08/08/2001		1.2	1.2	1.4	3.2	14	13	42	27

Table B1-2. (cont.)

Station	Sample Number	Date	Field Split	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
SW08	SD0133	09/13/2002		0.89	3.9	3.6	4.6	8.0	6.0	57	15
SW08	SD0178	11/07/2002									
SW09	SD0007	08/06/2001		8.0	2.8	4.9	9.0	14	6.3	33	24
SW10	SD0008	08/06/2001		0	0.29	0.23	0.90	8.5	28	47	17
SW11	SD0048	08/13/2001		4.5	0.99	1.1	3.1	9.0	11	36	36
SW12	SD0010	08/07/2001		1.0	0.98	1.8	5.8	21	14	29	29
SW12	SD0111	09/10/2002		2.1	2.0	3.3	9.0	22	15	25	24
SW13	SD0022	08/09/2001		3.4	2.3	5.9	4.0	5.3	5.5	39	33
SW14	SD0024	08/10/2001		1.8	1.2	2.1	4.0	8.0	7.5	44	29
SW15	SD0023	08/10/2001		0.58	0.45	0.65	0.79	2.9	6.5	58	32
SW16	SD0025	08/10/2001		4.1	7.0	5.9	3.4	2.5	3.2	35	41
SW17	SD0047	08/13/2001		0.87	0.36	0.22	0.27	1.7	4.3	49	45
SW18	SD0046	08/13/2001		1.2	0.23	0.35	0.77	3.1	7.7	42	46
SW19	SD0011	08/07/2001		0.02	0.15	0.37	5.2	22	12	28	26
SW20	SD0059	08/15/2001		4.0	3.4	5.2	6.5	16	7.6	25	30
SW21	SD0019	08/09/2001		0	1.2	2.4	5.9	16	7.0	34	34
SW22	SD0060	08/15/2001		0.70	0.49	0.59	1.5	6.3	5.8	43	43
SW23	SD0058	08/15/2001		0	0.20	0.61	1.7	8.6	6.0	40	43
SW24	SD0015	08/08/2001		3.3	3.7	7.2	12	21	6.5	25	23
SW24	SD0113	09/10/2002		4.5	3.8	7.7	13	21	5.7	34	16
SW24	SD0173	11/06/2002									
SW25	SD0057	08/15/2001		0.84	2.7	4.2	5.0	7.9	7.8	36	36
SW25	SD0114	09/10/2002		4.1	3.5	3.4	3.1	4.3	4.6	41	43
SW25	SD0174	11/06/2002									
SW26	SD0014	08/08/2001		5.7	3.7	3.0	5.0	20	19	29	18
SW27	SD0045	08/13/2001		3.6	1.6	2.1	2.9	6.2	7.4	35	39
SW28	SD0029	08/11/2001		1.3	0.66	1.2	3.8	12	8.3	37	35
SW28	SD0121	09/11/2002		4.0	6.9	5.9	6.8	10	4.5	40	29
SW28	SD0177	11/07/2002									
SW29	SD0110	09/09/2002									

Table B1-2. (cont.)

Station	Sample Number	Date	Field Split	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
SW30	SD0135	09/14/2002		0.70	0.40	0.72	1.9	5.9	14	43	31
SW31	SD0122	09/11/2002		0.74	1.5	2.6	14	43	16	15	6.8
SW32	SD0108	09/09/2002									
SW33	SD0118	09/11/2002		12	9.6	7.6	5.4	7.8	6.5	32	17
SW34	SD0117	09/11/2002		5.8	3.0	3.7	6.8	17	15	25	25
SW36	SD0180	11/07/2002		1.3	0.74	0.56	0.77	1.8	5.1	44	46

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

Units for grain-size data are percent of dry sample weight.

Table B1-3. Metal and butyltin results for surface sediment samples

Station	Sample Number	Date	Field Split	Metals (mg/kg) Arsenic	Cadmium	Chromium	Chromium, Hexavalent[a]	Copper	Lead	Mercury	Nickel
Reference											
2229	SD0103	09/09/2002		3.8	0.091	17 *J*		39	21	0.22 *J*	4.4
2230	SD0104	09/09/2002		3.0	0.11	14 *J*		29	14	0.17 *J*	3.6
2231	SD0013	08/08/2001		8.3	0.10	37		82 *J*	42	0.43	10
2231	SD0134	09/14/2002		8.2	0.070	45	1.5 *U*	100	44	0.39 *J*	10
2240	SD0125	09/12/2002		8.8	0.22	59		98	40	0.46	12
2241	SD0128	09/12/2002		3.0	0.080	15		34	13	0.18	3.4
2243	SD0049	08/14/2001		4.3	0.12	23		47 *J*	21	0.25	5.6
2243	SD0124	09/12/2002		4.4	0.12	26	2.0 *U*	59	22	0.25	5.8
2244	SD0126	09/12/2002	1	3.8	0.12	23		58	18	0.20	4.9
2244	SD0127	09/12/2002	2	4.1	0.12	23		59	19	0.24	5.6
2265	SD0107	09/09/2002		5.1	0.084	23 *J*		57	29	0.27 *J*	5.9
2433	SD0041	08/12/2001		4.6	0.29	24		40	19 *J*	0.21	7.4
2433	SD0130	09/13/2002		4.4	0.25	25	2.0 *U*	47	17	0.22	6.8
2435	SD0102	09/09/2002		2.5	0.069	12 *J*		17	7.4	0.071 *J*	3.7
2440	SD0043	08/13/2001		4.3	0.33	26		48	77	0.29	7.1
2440	SD0131	09/13/2002		4.5	0.29	27	2.0 *U*	64	59	0.27	7.0
2441	SD0034	08/11/2001		5.4	0.29	22		37	13 *J*	0.16	9.9
2441	SD0123	09/12/2002		5.1	0.28	25	2.0 *U*	45	14	0.15	8.0
NASSCO											
NA01	SD0030	08/11/2001	1	11	0.26	68		210	88 *J*	0.95	17
NA01	SD0031	08/11/2001	2	11	0.27	69		220	90 *J*	1.1	16
NA01	SD0136	09/14/2002		9.4	0.21	71	2.4	290	79	1.1 *J*	13
NA02	SD0033	08/11/2001		10	0.21	67		170	76 *J*	0.70	18
NA03	SD0032	08/11/2001		11	0.29	69		220	94 *J*	1.1	18
NA04	SD0035	08/11/2001		12	0.27	73		260	93 *J*	1.1	19
NA05	SD0044	08/13/2001		9.5	0.17	57		170	65	0.61	15
NA06	SD0020	08/09/2001		11	0.28	67		410	130	3.2	17
NA06	SD0101	09/08/2002		10	0.25	56 *J*	1.9	380	130	1.5 *J*	12
NA07	SD0017	08/08/2001	1	15	0.27	61		210 *J*	90	1.5	16
NA07	SD0018	08/08/2001	2	12	0.27	60		240 *J*	110	1.4	16
NA08	SD0055	08/14/2001		18	0.31	79		270 *J*	96	0.82	21
NA09	SD0054	08/14/2001		13	0.40	75		260 *J*	97	1.2	20
NA10	SD0056	08/14/2001		6.9	0.22	52		160 *J*	59	0.58	14
NA11	SD0021	08/09/2001		9.3	0.28	59		180	73	0.85	15
NA12	SD0027	08/10/2001		9.5	0.18 *U*	54		150	59 *J*	0.62	15 *U*
NA13	SD0036	08/11/2001		12	0.24	64		170	79 *J*	0.69	17
NA13	SD0120	09/11/2002		9.5 *J*	0.23	54	1.6 *U*	200	71	0.60	14
NA14	SD0051	08/14/2001		9.0	0.25	56		130 *J*	66	0.55	15

Table B1-3. (cont.)

Station	Sample Number	Date	Field Split	Metals (mg/kg) Arsenic	Cadmium	Chromium	Chromium, Hexavalent[a]	Copper	Lead	Mercury	Nickel
NA15	SD0037	08/12/2001		12	0.25	62		250	83 *J*	0.98	16
NA16	SD0038	08/12/2001		11	0.35	74		260	93 *J*	1.1	18
NA16	SD0099	09/08/2002	1	10	0.41	69 *J*	3.5	250	91	0.97 *J*	14
NA16	SD0100	09/08/2002	2	10.0	0.34	64 *J*	1.5 *U*	240	82	1.2 *J*	13
NA17	SD0039	08/12/2001		16	0.54	76		660	130 *J*	0.93	20
NA17	SD0097	09/08/2002		13	0.27	72 *J*	2.0	360	100	0.76 *J*	15
NA18	SD0053	08/14/2001		14	0.36	67		230 *J*	97	0.79	17
NA19	SD0042	08/12/2001		14	0.37	65		270	100 *J*	0.78	17
NA20	SD0028	08/10/2001		6.6	0.44	26		96	53 *J*	0.24	8.4
NA21	SD0050	08/14/2001		11	0.39	51		150 *J*	83	0.51	14
NA22	SD0052	08/14/2001		8.5	0.46	39		150 *J*	95	0.38	12
NA23	SD0095	09/08/2002		12	0.26	77 *J*		350	120	1.1	18
NA24	SD0094	09/08/2002		9.6	0.20	60 *J*		200	88	0.9 *J*	11
NA25	SD0106	09/09/2002		6.0	0.11	33 *J*		85	41	0.42 *J*	8.5
NA26	SD0116	09/11/2002		6.2 *J*	0.11	32		80	41	0.48	8.0
NA27	SD0301	10/02/2002		13	0.29	100		390	110	1.2	27
NA28	SD0300	10/02/2002		10	0.31	86		290	84	0.89	23
NA29	SD0119	09/11/2002		6.9 *J*	0.14	39		110	56	0.55	11
NA30	SD0115	09/11/2002		7.5 *J*	0.22	37		140	59	0.71	9.3
NA31	SD0105	09/09/2002		5.3	0.13	29 *J*		71	34	0.35 *J*	7.5
Southwest Marine											
SW01	SD0001	08/06/2001		15	0.75	67		620 *J*	170	1.4	66
SW01	SD0137	09/14/2002		12	0.67	90	1.5 *U*	500	120	1.5 *J*	130
SW02	SD0005	08/06/2001	1	16	2.5	86		570 *J*	170	3.9	68
SW02	SD0006	08/06/2001	2	13	2.6	89		530 *J*	210	3.1	76
SW02	SD0138	09/14/2002		13	3.8	150	2.6	610	150	5.4 *J*	140
SW03	SD0009	08/07/2001		11	0.70	52		190 *J*	79	1.2	18
SW04	SD0012	08/07/2001		96	2.4	65		1,900 *J*	480	1.2	20
SW04	SD0112	09/10/2002		50 *J*	1.5	110	2.8	1,100	380	2.3	16
SW05	SD0003	08/06/2001		11	0.86	53		230 *J*	120	0.96	19
SW06	SD0002	08/06/2001		15	0.85	56		170 *J*	81	0.75	20
SW07	SD0004	08/06/2001		8.1	0.19	43		150 *J*	57	0.52	13
SW08	SD0016	08/08/2001		26	0.67	78		1,000 *J*	250	2.5	23
SW08	SD0133	09/13/2002		22	0.79	87	3.0	840	200	2.0	19
SW09	SD0007	08/06/2001		27	1.1	56		660 *J*	220	0.96	18
SW10	SD0008	08/06/2001		13	0.87	45		160 *J*	79	0.58	17
SW11	SD0048	08/13/2001		9.6	0.24	62		170	74	0.75	17
SW12	SD0010	08/07/2001		7.7	0.16	43		140 *J*	56	0.55	12
SW12	SD0111	09/10/2002		7.1 *J*	0.12	35	1.6 *U*	99	48	0.50	9.6

Table B1-3. (cont.)

Station	Sample Number	Date	Field Split	Metals (mg/kg) Arsenic	Cadmium	Chromium	Chromium, Hexavalent[a]	Copper	Lead	Mercury	Nickel
SW13	SD0022	08/09/2001		15	0.42	72		800	93	0.86	24
SW14	SD0024	08/10/2001		10	0.31	63		280	88	1.0	17
SW15	SD0023	08/10/2001		11	0.45	67		230	90	0.90	19
SW16	SD0025	08/10/2001		12	0.66	68		430	97	1.0	16
SW17	SD0047	08/13/2001		12	0.37	73		270	93	0.98	20
SW18	SD0046	08/13/2001		11	0.33	74		220	86	0.75	20
SW19	SD0011	08/07/2001		7.1	0.15	42		110 *J*	51	2.1	12
SW20	SD0059	08/15/2001		14	0.41	68		290 *J*	110	0.99	18
SW21	SD0019	08/09/2001		11	0.51	70		260	120	1.4	14
SW22	SD0060	08/15/2001		13	0.35	70		260 *J*	110	1.1	21
SW23	SD0058	08/15/2001		15	0.37	89		280 *J*	110	1.0	25
SW24	SD0015	08/08/2001		10	0.39	51		260 *J*	96	1.6	14
SW24	SD0113	09/10/2002		10 *J*	0.26	54	2.2	340	80	2.2	18
SW25	SD0057	08/15/2001		13	0.47	63		230 *J*	93	0.80	18
SW25	SD0114	09/10/2002		10 *J*	0.24	66	1.6 *U*	230	78	0.75	15
SW26	SD0014	08/08/2001		9.0	0.14	45		120 *J*	58	0.43	12
SW27	SD0045	08/13/2001		10	0.27	63		210	80	0.68	18
SW28	SD0029	08/11/2001		15	0.36	63		270	100 *J*	0.98	17
SW28	SD0121	09/11/2002		13 *J*	0.27	68	1.6 *U*	260	100	0.77	13
SW29	SD0110	09/09/2002		8.3	0.49	44 *J*		220	72	0.93 *J*	37
SW30	SD0135	09/14/2002		8.9	0.23	72		240	72	1.1 *J*	13
SW31	SD0122	09/11/2002		4.0 *J*	0.064	18		54	21	0.23	4.9
SW32	SD0108	09/09/2002		9.4 *J*	0.064	43 *J*		92	57	0.51 *J*	11
SW33	SD0118	09/11/2002		10 *J*	0.065	41		100	58	0.53	11
SW34	SD0117	09/11/2002		8.3 *J*	0.21	53		320	99	0.75	11
SW36	SD0180	11/07/2002		9.9	0.21	70 *J*		240 *J*	79	0.75	13 *J*

Table B1-3. (cont.)

Station	Sample Number	Date	Field Split	Metals (mg/kg) (cont.) Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
Reference										
2229	SD0103	09/09/2002		1.1 *U*	0.32	72 *J*	3.8	8.4	6.2 *J*	1.5 *U*
2230	SD0104	09/09/2002		1.1 *U*	0.28	54 *J*	2.6	5.8	2.8	1.5 *U*
2231	SD0013	08/08/2001		0.9 *U*	0.26	120 *J*	9.6	15	15	2.4 *U*
2231	SD0134	09/14/2002		1.0 *U*	0.28	180	20 *J*	17 *J*	11 *J*	2.6 *U*
2240	SD0125	09/12/2002		1.1 *U*	1.0	260	14 *J*	12	2.8	2.5 *U*
2241	SD0128	09/12/2002		1.1 *U*	0.42	70	3.2 *J*	5.6 *J*	1.9	1.4 *U*
2243	SD0049	08/14/2001		1.1 *U*	0.56	93 *J*	2.7	5.3	2.6	1.6 *U*
2243	SD0124	09/12/2002		1.1 *U*	0.65	120	4.5 *J*	8.0 *J*	2.6 *J*	1.6 *U*
2244	SD0126	09/12/2002	1	0.60 *U*	0.50	110	1.6 *UJ*	5.0 *J*	2.6 *J*	1.6 *U*
2244	SD0127	09/12/2002	2	1.1 *U*	0.53	110	3.4 *J*	8.6 *J*	3.5 *J*	1.6 *U*
2265	SD0107	09/09/2002		0.9 *U*	0.42	91 *J*	3.5	14	11	1.7 *U*
2433	SD0041	08/12/2001		1.1 *U*	0.39	92	3.5	9.4	3.3	1.6 *U*
2433	SD0130	09/13/2002		0.7 *U*	0.41	100	4.6 *J*	11	5.9 *J*	1.7 *U*
2435	SD0102	09/09/2002		1.2 *U*	0.14	37 *J*	1.4 *U*	2.1	1.9	1.4 *U*
2440	SD0043	08/13/2001		0.46 *U*	0.46	120 *J*	4.2	28	31	1.6 *U*
2440	SD0131	09/13/2002		1.2 *U*	0.46	110	6.4 *J*	27	39 *J*	1.7 *U*
2441	SD0034	08/11/2001		1	0.24	80	1.8 *U*	5.2	3.7	1.8 *U*
2441	SD0123	09/12/2002		1.1 *U*	0.29	95	3.5 *J*	5.9	3.1	2.0 *U*
NASSCO										
NA01	SD0030	08/11/2001	1	1	1.3	260	29	210	210	7.2
NA01	SD0031	08/11/2001	2	1.1	1.4	270	21	200	220	6.3
NA01	SD0136	09/14/2002		1.1 *U*	1.3	330	22 *J*	100	99 *J*	4.6 *J*
NA02	SD0033	08/11/2001		1	1.0	240	38	94	82	2.9 *U*
NA03	SD0032	08/11/2001		1.1	1.4	260	32	200	180	5.0
NA04	SD0035	08/11/2001		1.1	1.2	310	20	130	300	5.9 *U*
NA05	SD0044	08/13/2001		0.43 *U*	0.89	210 *J*	18	110	110	2.4 *U*
NA06	SD0020	08/09/2001		1 *U*	0.93	330 *J*	23	97	180	3.7
NA06	SD0101	09/08/2002		1.1	1.1	340 *J*	34	130	270 *J*	5.2
NA07	SD0017	08/08/2001	1	0.8 *U*	1.1	240 *J*	16	84	130	2.7 *U*
NA07	SD0018	08/08/2001	2	1 *U*	1.2	270 *J*	20	77	91	2.7 *U*
NA08	SD0055	08/14/2001		1.2 *U*	1.0	330 *J*	26	110	110	3.2 *U*
NA09	SD0054	08/14/2001		1.2 *U*	1.1	330 *J*	25	110	120	3.3 *U*
NA10	SD0056	08/14/2001		1 *U*	0.78	190 *J*	16	74	91	2.2 *U*
NA11	SD0021	08/09/2001		1 *U*	1.1	230 *J*	4.9 *J*	26 *J*	38 *J*	2.6 *UJ*
NA12	SD0027	08/10/2001		1.1	0.79	210	7.9	54	80	2.4 *U*
NA13	SD0036	08/11/2001		1	0.93	280	18	80	69	2.8 *U*
NA13	SD0120	09/11/2002		1.0	0.95	310	6.9	57	67	2.7 *U*
NA14	SD0051	08/14/2001		1.1 *U*	0.78	200 *J*	13	56	45	2.3 *U*

Table B1-3. (cont.)

Station	Sample Number	Date	Field Split	Metals (mg/kg) (cont.) Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
NA15	SD0037	08/12/2001		1	1.3	310	88	420	670	14
NA16	SD0038	08/12/2001		1	1.4	310	25	200	190	4.1
NA16	SD0099	09/08/2002	1	1.1 *U*	1.4	330 *J*	19	160	170	4.4
NA16	SD0100	09/08/2002	2	1.0 *U*	1.2	300 *J*	15	150	150	3.6
NA17	SD0039	08/12/2001		1.1	1.3	770	75	520	1,000	15 *U*
NA17	SD0097	09/08/2002		1.1	1.3	470 *J*	30 *U*	220	1,700	30 *U*
NA18	SD0053	08/14/2001		1 *U*	1.0	380 *J*	37	160	210	5.6
NA19	SD0042	08/12/2001		1	1.1	450	58	320	570	14 *U*
NA20	SD0028	08/10/2001		1	0.53	190	23	160	280	7.2
NA21	SD0050	08/14/2001		1.1 *U*	0.88	250 *J*	70	220	410	8.8
NA22	SD0052	08/14/2001		1.1 *U*	0.91	230 *J*	6.9 *J*	77	120	2.2 *J*
NA23	SD0095	09/08/2002		1.3	1.3	430 *J*	13	76	120	2.8 *U*
NA24	SD0094	09/08/2002		1.1 *U*	0.90	280 *J*	15	73	59	2.5 *U*
NA25	SD0106	09/09/2002		1.1 *U*	0.72	130 *J*	4.3	31	25	2.1 *U*
NA26	SD0116	09/11/2002		1.0 *U*	0.66	140	5.0	31	37	2.2 *U*
NA27	SD0301	10/02/2002		1.3 *U*	1.5 *J*	500	37	91	100	3.9 *U*
NA28	SD0300	10/02/2002		1.2 *U*	1.4 *J*	390	32	87	90	3.5 *U*
NA29	SD0119	09/11/2002		1.1 *U*	0.86	170	8.0	67	58	2.5 *U*
NA30	SD0115	09/11/2002		1.0 *U*	1.0	170	4.5	33	22	2.2 *U*
NA31	SD0105	09/09/2002		1.1 *U*	0.57	110 *J*	3.5	22	20 *J*	2.0 *U*
Southwest Marine										
SW01	SD0001	08/06/2001		0.76 *U*	0.73	610 *J*	51 *J*	290	520	12
SW01	SD0137	09/14/2002		1.0 *U*	1.4	430	65 *J*	230 *J*	380	26 *U*
SW02	SD0005	08/06/2001	1	0.87 *U*	2.7	550 *J*	16	170	220	5.1
SW02	SD0006	08/06/2001	2	0.78 *U*	2.9	550 *J*	32	180	310	5.6
SW02	SD0138	09/14/2002		1.7	5.0	620	27 *UJ*	49 *J*	69 *J*	27 *U*
SW03	SD0009	08/07/2001		0.8 *U*	1.2	230 *J*	12	57	53	2.7 *U*
SW04	SD0012	08/07/2001		1.2	1.7	4,600 *J*	130	960	2,800	61
SW04	SD0112	09/10/2002		1.8	1.5	2,300	300 *U*	1,000	3,700 *J*	300 *U*
SW05	SD0003	08/06/2001		0.75 *U*	1.2	280 *J*	26	140	170	3.8
SW06	SD0002	08/06/2001		0.83 *U*	1.1	280 *J*	11	65	100	2.8 *U*
SW07	SD0004	08/06/2001		0.81 *U*	0.74	170 *J*	8.7	48	44	2.3 *U*
SW08	SD0016	08/08/2001		1 *U*	1.4	860 *J*	160	1,000	1,900	65 *U*
SW08	SD0133	09/13/2002		1.4 *U*	1.5	800	240 *J*	960	1,800 *J*	39 *U*
SW09	SD0007	08/06/2001		0.84 *U*	1.3	1,200 *J*	58	500	910	19
SW10	SD0008	08/06/2001		0.84 *U*	0.82	360 *J*	19	99 *J*	250	8.7 *J*
SW11	SD0048	08/13/2001		0.39 *U*	1.1	240 *J*	29	120	140	2.8 *J*
SW12	SD0010	08/07/2001		0.8 *U*	0.76	170 *J*	15	48	31	2.3 *U*
SW12	SD0111	09/10/2002		1.0 *U*	0.75	150	6.5	42	41	2.3 *U*

Table B1-3. (cont.)

Station	Sample Number	Date	Field Split	Metals (mg/kg) (cont.) Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
SW13	SD0022	08/09/2001		1.1 *U*	1.4	580 *J*	44	200	790	30 *U*
SW14	SD0024	08/10/2001		1 *U*	1.2	300 *J*	31	120	450	13 *U*
SW15	SD0023	08/10/2001		1.1 *U*	1.3	290 *J*	37	130	170	4.7 *J*
SW16	SD0025	08/10/2001		1.1 *U*	1.9	370 *J*	71	460	1,100	24 *U*
SW17	SD0047	08/13/2001		0.44 *U*	1.5	310 *J*	47	240	440	30 *U*
SW18	SD0046	08/13/2001		0.44 *U*	1.3	280 *J*	27	130	130	4.1 *J*
SW19	SD0011	08/07/2001		0.7 *U*	0.78	150 *J*	15	37	37	2.1 *U*
SW20	SD0059	08/15/2001		1.1 *U*	1.1	390 *J*	27	110	130	2.5 *U*
SW21	SD0019	08/09/2001		1 *U*	1.3	330 *J*	27	130	170	3.7
SW22	SD0060	08/15/2001		1.1 *U*	1.3	310 *J*	34	160	190	3.3 *J*
SW23	SD0058	08/15/2001		1.1 *U*	1.3	330 *J*	32	160	210	4.2
SW24	SD0015	08/08/2001		0.8 *U*	1.2	260 *J*	21	150	170	3.4 *U*
SW24	SD0113	09/10/2002		1.1 *U*	1.1	340	13	120	160	3.7
SW25	SD0057	08/15/2001		0.9 *U*	1.1	370 *J*	61	220	370	25 *U*
SW25	SD0114	09/10/2002		1.1 *U*	1.3	320	15	76	91 *J*	3.0 *U*
SW26	SD0014	08/08/2001		0.9 *U*	0.46	160 *J*	11	46	49	2.3 *U*
SW27	SD0045	08/13/2001		0.42 *U*	1.1	250 *J*	35	150	250	9.6
SW28	SD0029	08/11/2001		1.1	1.1	310	40	160	180	7.7
SW28	SD0121	09/11/2002		1.3	1.1	350	12	110	120 *J*	2.9 *U*
SW29	SD0110	09/09/2002		1.1 *U*	1.2	230 *J*	8.9	130	190	8.8
SW30	SD0135	09/14/2002		1.0 *U*	1.2	300	26 *J*	110	200	9.2 *J*
SW31	SD0122	09/11/2002		1.2 *U*	0.36	80	9.3 *J*	30	36 *J*	1.7 *U*
SW32	SD0108	09/09/2002		1.1 *U*	0.33	160 *J*	13	26	30	2.9 *U*
SW33	SD0118	09/11/2002		1.2	0.24	170	16	24	19 *J*	2.9 *U*
SW34	SD0117	09/11/2002		1.1 *U*	0.95	310	9.3	49	38	2.3 *U*
SW36	SD0180	11/07/2002		1.0 *U*	1.2	300 *J*	17	48	49	3.2 *U*

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results are reported on a dry weight basis.

J - estimated
U - undetected at quantitation limit shown

[a] Only sediment samples for the pore water study were analyzed for hexavalent chromium.

Table B1-4. Acid-volatile sulfide and simultaneously extracted metal results for surface sediment samples

Station	Sample Number	Date	Field Split	Acid-Volatile Sulfide	Simultaneously Extracted Metals					
					Cadmium	Copper	Lead	Mercury	Nickel	Zinc
Reference										
2231	SD0013	08/08/2001		0.70 *UJ*	0.3	80	43	0.22	5.8 *J*	130
2243	SD0049	08/14/2001		8.6 *J*	0.1	41	18	0.03	2.7	90
2433	SD0041	08/12/2001		8.0	0.2	34	14	0.03	3.9	83
2440	SD0043	08/13/2001		70 *J*	0.3	43	60	0.01 *U*	3.4	100
2441	SD0034	08/11/2001		180	0.2	31	11	0.01	5.1	74
NASSCO										
NA01	SD0030	08/11/2001	1	93	0.1	220	81	0.17	8.3	270
NA01	SD0031	08/11/2001	2	89	0.1	210	77	0.18	8.3	270
NA02	SD0033	08/11/2001		24	0.1	160	67	0.21	7.7	240
NA03	SD0032	08/11/2001		120	0.1	220	82	0.18	8.1	280
NA04	SD0035	08/11/2001		23	0.1	240	82	0.19	10	300
NA05	SD0044	08/13/2001		4.5 *J*	0.2	150	54	0.11	5.7	200
NA06	SD0020	08/09/2001		210	0.5	320	96	0.18	9.3 *J*	320
NA07	SD0017	08/08/2001	1	110 *J*	0.5	260	91	0.23	9.1 *J*	300
NA07	SD0018	08/08/2001	2	83 *J*	0.5	250	93	0.24	8.9 *J*	320
NA08	SD0055	08/14/2001		54 *J*	0.4	260	72	0.08	8.4	330
NA09	SD0054	08/14/2001		620 *J*	0.4	260	73	0.05	8.7	340
NA10	SD0056	08/14/2001		10 *J*	0.2	130	45	0.09	5.1	180
NA11	SD0021	08/09/2001		18	0.1 *U*	180	61	0.19	18 *J*	240
NA12	SD0027	08/10/2001		18	0.1	150	52	0.16	7.1	220
NA13	SD0036	08/11/2001		98	0.1	170	71	0.13	8.7	280
NA14	SD0051	08/14/2001		59 *J*	0.2	110	50	0.07	5.8	190
NA15	SD0037	08/12/2001		27	0.1	260	74	0.16	8.4	320
NA16	SD0038	08/12/2001		120	0.1	250	78	0.23	8.6	300
NA17	SD0039	08/12/2001		280	0.2	530	110	0.09	10	770
NA18	SD0053	08/14/2001		27 *J*	0.3	230	83	0.10	7.4	430
NA19	SD0042	08/12/2001		130	0.2	280	85	0.15	8.6	510
NA20	SD0028	08/10/2001		120	0.3	90	52	0.02	4.2	210
NA21	SD0050	08/14/2001		96 *J*	0.4	140	64	0.02	6.4	230
NA22	SD0052	08/14/2001		180 *J*	0.4	120	58	0.01 *U*	4.7	220
Southwest Marine										
SW01	SD0001	08/06/2001		57	0.5	350	100	0.10	26 *J*	-- [a]
SW02	SD0005	08/06/2001	1	320	3.1	340	140	0.02	35 *J*	500
SW02	SD0006	08/06/2001	2	140	2.5	380	140	0.04	61 *J*	540

Table B1-4. (cont.)

Station	Sample Number	Date	Field Split	Acid-Volatile Sulfide	Simultaneously Extracted Metals					
					Cadmium	Copper	Lead	Mercury	Nickel	Zinc
SW03	SD0009	08/07/2001		150	0.8	94	59	0.46	12 *J*	210
SW04	SD0012	08/07/2001		35	3.0	1,100	530	0.04	22 *J*	6,200
SW05	SD0003	08/06/2001		190	0.6	200	75	0.10	9.2 *J*	330
SW06	SD0002	08/06/2001		160	0.7	150	61	0.11	11 *J*	290
SW07	SD0004	08/06/2001		100	0.1 *U*	150	51	0.14	47 *J*	200
SW08	SD0016	08/08/2001		1,600 *J*	1.3	870	240	0.24	13 *J*	840
SW09	SD0007	08/06/2001		160	0.8	430	160	0.08	10 *J*	-- [a]
SW10	SD0008	08/06/2001		610	0.7	140	66	0.04	8.0 *J*	390
SW11	SD0048	08/13/2001		210 *J*	0.3	180	62	0.05	7.9	250
SW12	SD0010	08/07/2001		18	0.3	120	54	0.16	5.9 *J*	180
SW13	SD0022	08/09/2001		220	0.9	1,200	95	0.07	19 *J*	1,000
SW14	SD0024	08/10/2001		470	0.5	310	85	0.19	9.0 *J*	310
SW15	SD0023	08/10/2001		480	0.7	230	83	0.23	9.5 *J*	300
SW16	SD0025	08/10/2001		280	1.1	500	100	0.10	28 *J*	450
SW17	SD0047	08/13/2001		42 *J*	0.4	330	86	0.09	36	360
SW18	SD0046	08/13/2001		23 *J*	0.4	230	81	0.06	93	310
SW19	SD0011	08/07/2001		50	0.3	91	50	0.13	6.1 *J*	150
SW20	SD0059	08/15/2001		370 *J*	0.5	260	92	0.04	7.3	440
SW21	SD0019	08/09/2001		18	0.5	250	95	0.21	26 *J*	320
SW22	SD0060	08/15/2001		60 *J*	0.3	300	84	0.07	8.0	340
SW23	SD0058	08/15/2001		160 *J*	0.4	270	81	0.07	7.8	330
SW24	SD0015	08/08/2001		60 *J*	0.6	240	82	0.14	8.4 *J*	290
SW25	SD0057	08/15/2001		95 *J*	0.4	250	77	0.05	26	330
SW26	SD0014	08/08/2001		2.6 *J*	0.3	110	51	0.20	5.6 *J*	150
SW27	SD0045	08/13/2001		190 *J*	0.3	210	72	0.04	7.6	280
SW28	SD0029	08/11/2001		450	0.2	270	100	0.07	8.3	340

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results are reported as mg/kg dry weight.

J - estimated
U - undetected at quantitation limit shown

[a] No result is available for zinc because the zinc concentration exceeded the calibration range of the instrument. See sediment section of the quality assurance report (Appendix F).

Table B1-5. Polycyclic aromatic hydrocarbon results for surface sediment samples

Station	Sample Number	Date	Field Split	LPAH								
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne
Reference												
2229	SD0103	09/09/2002		7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	14
2230	SD0104	09/09/2002		7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	7.5 *U*	13
2231	SD0013	08/08/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	20
2231	SD0134	09/14/2002		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	17
2240	SD0125	09/12/2002		13 *UJ*	13 *UJ*	13 *UJ*	13 *UJ*	13 *UJ*	13 *UJ*	13 *UJ*	13 *UJ*	13 *UJ*
2241	SD0128	09/12/2002		6.8 *U*	6.8 *U*	6.8 *U*	6.8 *U*	6.8 *U*	6.8 *U*	6.8 *U*	6.8 *U*	6.8 *U*
2243	SD0049	08/14/2001		7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*
2243	SD0124	09/12/2002		8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*
2244	SD0126	09/12/2002	1	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*
2244	SD0127	09/12/2002	2	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*
2265	SD0107	09/09/2002		8.6 *U*	8.6 *U*	8.6 *U*	8.6 *U*	8.6 *U*	8.6 *U*	8.6 *U*	8.6 *U*	8.6 *U*
2433	SD0041	08/12/2001		8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	16
2433	SD0130	09/13/2002		8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	9.7
2435	SD0102	09/09/2002		7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*
2440	SD0043	08/13/2001		10 *J*	8.1 *UJ*	8.1 *UJ*	8.1 *UJ*	8.1 *U*	11	26	29	200
2440	SD0131	09/13/2002		15	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	42	35	330
2441	SD0034	08/11/2001		8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	11
2441	SD0123	09/12/2002		9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	43
NASSCO												
NA01	SD0030	08/11/2001	1	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	93	14 *U*	24	190
NA01	SD0031	08/11/2001	2	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	100	15 *U*	25	150
NA02	SD0033	08/11/2001		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	38	15 *U*	15 *U*	66
NA03	SD0032	08/11/2001		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	79	15 *U*	30	160
NA04	SD0035	08/11/2001		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	56	15 *U*	15 *U*	60
NA05	SD0044	08/13/2001		12 *UJ*	12 *UJ*	12 *UJ*	12 *UJ*	12 *U*	30	12 *U*	12 *U*	62
NA06	SD0020	08/09/2001		14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	34	14 *U*	14	94
NA07	SD0017	08/08/2001	1	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	40	14	16	140
NA07	SD0018	08/08/2001	2	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	150	17	27	320
NA08	SD0055	08/14/2001		16 *U*	16 *U*	16 *U*	16 *U*	16 *U*	36	16 *U*	16 *U*	78
NA09	SD0054	08/14/2001		17 *U*	17 *U*	17 *U*	17 *U*	17 *U*	29	17 *U*	17 *U*	66
NA10	SD0056	08/14/2001		11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	25	11 *U*	11 *U*	38
NA11	SD0021	08/09/2001		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25	13 *U*	13 *U*	120
NA12	SD0027	08/10/2001		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	27	13 *U*	13 *U*	62
NA13	SD0036	08/11/2001		14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	40
NA14	SD0051	08/14/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	32
NA15	SD0037	08/12/2001		14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	52	14 *U*	14 *U*	81

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	LPAH								
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne
NA16	SD0038	08/12/2001		18	14 *U*	14 *U*	14 *U*	14 *U*	52	32	29	180
NA17	SD0039	08/12/2001		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	60	15 *U*	15 *U*	100
NA18	SD0053	08/14/2001		14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	31	14 *U*	14 *U*	53
NA19	SD0042	08/12/2001		14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	50	14 *U*	14 *U*	51
NA20	SD0028	08/10/2001		9.2 *U*	9.2 *U*	9.2 *U*	9.2 *U*	9.2 *U*	34	9.2 *U*	9.2 *U*	92
NA21	SD0050	08/14/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	59
NA22	SD0052	08/14/2001		9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	43	9.6 *U*	24	90
NA23	SD0095	09/08/2002		14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	39	14 *U*	14 *U*	98
NA24	SD0094	09/08/2002		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	24	13 *U*	13 *U*	50
NA25	SD0106	09/09/2002		11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	13	11 *U*	11 *U*	28
NA26	SD0116	09/11/2002		11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	18
NA27	SD0301	10/02/2002		20 *U*	20 *U*	20 *U*	20 *U*	20 *U*	35	20 *U*	20 *U*	80
NA28	SD0300	10/02/2002		18 *U*	18 *U*	18 *U*	18 *U*	18 *U*	54	18 *U*	18 *U*	92
NA29	SD0119	09/11/2002		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	42
NA30	SD0115	09/11/2002		11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	21
NA31	SD0105	09/09/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	12
Southwest Marine												
SW01	SD0001	08/06/2001		360	20	22	8.5 *U*	8.5 *U*	88	30	59	700
SW02	SD0005	08/06/2001	1	13	12 *U*	13	16	12 *U*	91	38	67	440
SW02	SD0006	08/06/2001	2	14 *U*	14 *U*	15	18	14 *U*	120	29	62	280
SW03	SD0009	08/07/2001		14	14 *U*	14 *U*	14 *U*	14 *U*	90	14 *U*	33	210
SW04	SD0012	08/07/2001		38	25	31	23	16	120	110	180	1,100
SW05	SD0003	08/06/2001		67	65	32	79	50	130	500	460	1,900
SW06	SD0002	08/06/2001		29	14 *U*	29	25	19	72	150	200	1,100
SW07	SD0004	08/06/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	44	12 *U*	13	91
SW08	SD0016	08/08/2001		38	22	32	28	16 *U*	280	83	220	1,300
SW09	SD0007	08/06/2001		18	12 *U*	19	19	12 *U*	180	95	180	1,100
SW10	SD0008	08/06/2001		590	320	190	200	96	120	1,300	1,300	4,200
SW11	SD0048	08/13/2001		14 *UJ*	14 *UJ*	14 *UJ*	14 *UJ*	14 *U*	69	15	30	150
SW12	SD0010	08/07/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	18	140
SW13	SD0022	08/09/2001		20	15 *U*	15 *U*	15 *U*	15 *U*	110	37	120	1,300
SW14	SD0024	08/10/2001		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	100	19	43	270
SW15	SD0023	08/10/2001		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	64	18	47	240
SW16	SD0025	08/10/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	69	12 *U*	16	120
SW17	SD0047	08/13/2001		15 *UJ*	15 *UJ*	15 *UJ*	15 *UJ*	15 *U*	83	15 *U*	41	250
SW18	SD0046	08/13/2001		15 *UJ*	15 *UJ*	15 *UJ*	15 *UJ*	15 *U*	84	15	34	210
SW19	SD0011	08/07/2001		11 *UJ*	11 *UJ*	11 *UJ*	11 *UJ*	11 *UJ*	11 *UJ*	11 *UJ*	11 *UJ*	29 *J*

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	LPAH								
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne
SW20	SD0059	08/15/2001		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	120	16	53	300
SW21	SD0019	08/09/2001		13	13 *U*	13 *U*	13 *U*	13 *U*	130	14	53	220
SW22	SD0060	08/15/2001		31	15 *U*	15 *U*	15 *U*	15 *U*	150	17	56	330
SW23	SD0058	08/15/2001		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	130	19	53	360
SW24	SD0015	08/08/2001		26	12 *U*	34	24	12 *U*	290	14	220	810
SW25	SD0057	08/15/2001		13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	180	13	45	260
SW26	SD0014	08/08/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	48
SW27	SD0045	08/13/2001		15 *UJ*	15 *UJ*	19 *J*	23 *J*	15 *U*	77	100	160	1,100
SW28	SD0029	08/11/2001		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	200	15 *U*	97	490
SW29	SD0110	09/09/2002		14	10 *U*	10 *U*	10 *U*	10 *U*	34	13	21	160
SW30	SD0135	09/14/2002		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	18	130
SW31	SD0122	09/11/2002		8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	33
SW32	SD0108	09/09/2002		15 *UJ*	15 *UJ*	15 *UJ*	15 *UJ*	15 *UJ*	15 *UJ*	15 *UJ*	15 *UJ*	23 *J*
SW33	SD0118	09/11/2002		15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	24
SW34	SD0117	09/11/2002		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	31

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	LPAH (cont.) 1-Methyl phenanthrene	Anthracene	Total LPAH[a]	HPAH Fluoranthene	Pyrene	Benz[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[k]fluoranthene
Reference												
2229	SD0103	09/09/2002		7.5 *U*	10	43	60	100	60	68	57	56
2230	SD0104	09/09/2002		7.5 *U*	7.5 *U*	36	34	34	23	33	29	27
2231	SD0013	08/08/2001		12 *U*	19	69	59	59	45	81	85	59
2231	SD0134	09/14/2002		13 *U*	13 *U*	56	52	68	39	67	76	60
2240	SD0125	09/12/2002		13 *UJ*	13 *UJ*	46 *UJ*	34 *J*	46 *J*	20 *J*	32 *J*	38 *J*	34 *J*
2241	SD0128	09/12/2002		6.8 *U*	6.8 *U*	24 *U*	9.3	12	6.8 *U*	13	14	13
2243	SD0049	08/14/2001		7.8 *U*	7.8 *U*	27 *U*	15	20	12	18	23	18
2243	SD0124	09/12/2002		8.0 *U*	8.0 *U*	28 *U*	18	23	10	17	25	21
2244	SD0126	09/12/2002	1	8.1 *U*	8.1 *U*	28 *U*	21	23	10	16	26	21
2244	SD0127	09/12/2002	2	7.8 *U*	7.8 *U*	27 *U*	11	14	7.8 *U*	11	16	13
2265	SD0107	09/09/2002		8.6 *U*	8.6 *U*	30 *U*	19	23	14	24	28	23
2433	SD0041	08/12/2001		8.0 *U*	12	48	43	45	35	60	55	48
2433	SD0130	09/13/2002		8.1 *U*	8.1 *U*	34	32	39	29	48	49	40
2435	SD0102	09/09/2002		7.0 *U*	7.0 *U*	25 *U*	9.7	12	7.0 *U*	12	12	10
2440	SD0043	08/13/2001		15	100	380 *J*	540	580	210	290	220	230
2440	SD0131	09/13/2002		28	99	530	530	550	250	350	230	230
2441	SD0034	08/11/2001		8.9 *U*	16	49	33	24	30	47	41	34
2441	SD0123	09/12/2002		9.9 *U*	23	91	130	110	68	110	88	81
NASSCO												
NA01	SD0030	08/11/2001	1	27	270	600	570	550	630	1,200	1,200	980
NA01	SD0031	08/11/2001	2	22	270	570	470	490	490	960	1,000	740
NA02	SD0033	08/11/2001		15 *U*	95	230	240	250	230	390	340	310
NA03	SD0032	08/11/2001		20	230	520	470	480	470	820	850	730
NA04	SD0035	08/11/2001		15 *U*	110	260	210	210	220	470	560	390
NA05	SD0044	08/13/2001		12 *U*	97	210 *J*	200	210	190	370	360	340
NA06	SD0020	08/09/2001		14	120	280	330	370	330	690	590	520
NA07	SD0017	08/08/2001	1	17	130	350	490	500	370	550	630	500
NA07	SD0018	08/08/2001	2	61	390	920	4,300	4,200	2,100	2,400	3,700	2,300
NA08	SD0055	08/14/2001		16 *U*	120	270	250	380	220	440	520	390
NA09	SD0054	08/14/2001		17 *U*	77	210	200	260	180	320	400	310
NA10	SD0056	08/14/2001		11 *U*	62	150	110	160	96	190	250	220
NA11	SD0021	08/09/2001		14	86	260	240	260	200	370	360	310
NA12	SD0027	08/10/2001		13 *U*	81	200	180	180	150	270	250	220
NA13	SD0036	08/11/2001		14 *U*	32	110	140	160	110	220	180	170
NA14	SD0051	08/14/2001		12 *U*	21	83	110	110	86	190	130	120
NA15	SD0037	08/12/2001		14 *U*	100	260	220	260	210	390	500	380

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	LPAH (cont.) 1-Methyl phenan-threne	Anthracene	Total LPAH[a]	HPAH Fluoranthene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene
NA16	SD0038	08/12/2001		14 *U*	120	440	340	350	240	390	540	390
NA17	SD0039	08/12/2001		15 *U*	130	320	370	680	220	390	510	420
NA18	SD0053	08/14/2001		14 *U*	72	180	170	190	150	280	350	280
NA19	SD0042	08/12/2001		14 *U*	93	220	190	200	170	330	500	350
NA20	SD0028	08/10/2001		11	99	240	310	420	210	320	420	330
NA21	SD0050	08/14/2001		12 *U*	46	140	230	270	160	270	260	250
NA22	SD0052	08/14/2001		9.6 *U*	210	380	210	590	170	350	610	470
NA23	SD0095	09/08/2002		16	120	290	280	330	240	450	480	390
NA24	SD0094	09/08/2002		13 *U*	68	170	150	160	130	270	330	280
NA25	SD0106	09/09/2002		11 *U*	29	92	86	120	73	130	140	120
NA26	SD0116	09/11/2002		11 *U*	13	59	65	86	51	110	150	72
NA27	SD0301	10/02/2002		20 *U*	110	270	240	280	200	350	410	300
NA28	SD0300	10/02/2002		18 *U*	140	320	290	360	240	400	490	370
NA29	SD0119	09/11/2002		13 *U*	31	110	130	170	110	250	350	170
NA30	SD0115	09/11/2002		11 *U*	15	64	81	110	50	120	190	86
NA31	SD0105	09/09/2002		10 *U*	12	49	44	66	35	54	71	58
Southwest Marine												
SW01	SD0001	08/06/2001		26	290	1,500	1,100	1,400	760	1,300	1,400	1,100
SW02	SD0005	08/06/2001	1	47	370	1,000	2,100	3,300	970	1,600	2,000	1,500
SW02	SD0006	08/06/2001	2	43	570	1,100	1,200	2,500	1,000	1,900	1,500	1,300
SW03	SD0009	08/07/2001		26	350	710	620	590	510	830	1,000	780
SW04	SD0012	08/07/2001		100	710	2,300	2,100	2,000	1,100	1,800	1,600	1,300
SW05	SD0003	08/06/2001		110	900	4,000	2,300	2,200	910	1,500	1,500	1,200
SW06	SD0002	08/06/2001		92	600	2,200	2,800	1,700	1,300	1,800	1,100	790
SW07	SD0004	08/06/2001		12	140	310	400	340	350	600	530	420
SW08	SD0016	08/08/2001		140	1,500	3,500	3,500	2,600	2,300	4,900	3,500	2,400
SW09	SD0007	08/06/2001		79	810	2,400	2,000	1,800	1,600	3,800	2,200	1,500
SW10	SD0008	08/06/2001		180	1,300	9,000	4,000	3,500	1,200	1,500	1,600	1,200
SW11	SD0048	08/13/2001		21	290	570 *J*	780	750	570	1,100	1,200	940
SW12	SD0010	08/07/2001		12 *U*	66	250	320	290	240	520	380	370
SW13	SD0022	08/09/2001		60	360	2,000	2,200	1,400	860	1,900	1,500	1,300
SW14	SD0024	08/10/2001		31	340	790	560	790	630	1,300	1,200	1,100
SW15	SD0023	08/10/2001		24	300	680	980	800	730	1,200	1,000	770
SW16	SD0025	08/10/2001		15	150	370	260	720	210	400	1,100	790
SW17	SD0047	08/13/2001		32	390	790 *J*	920	960	840	1,600	1,400	1,200
SW18	SD0046	08/13/2001		24	330	690 *J*	880	790	640	1,300	1,100	980
SW19	SD0011	08/07/2001		11 *UJ*	18 *J*	75	94 *J*	110 *J*	85 *J*	170 *J*	140 *J*	130 *J*

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	LPAH (cont.) 1-Methyl phenan-threne	Anthracene	Total LPAH[a]	HPAH Fluoranthene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene
SW20	SD0059	08/15/2001		30	450	950	930	1,200	760	1,800	1,500	1,200
SW21	SD0019	08/09/2001		24	370	810	580	850	650	1,400	1,600	1,100
SW22	SD0060	08/15/2001		38	500	1,100	910	1,100	890	1,900	1,800	1,300
SW23	SD0058	08/15/2001		38	500	1,100	960	1,000	850	1,800	1,500	1,200
SW24	SD0015	08/08/2001		180	6,000	7,400	7,100	3,100	6,300	11,000	7,000	7,300
SW25	SD0057	08/15/2001		23	440	950	750	940	710	1,300	2,000	1,600
SW26	SD0014	08/08/2001		12 *U*	33	110	120	120	120	270	200	200
SW27	SD0045	08/13/2001		71	510	2,000 *J*	1,700	1,400	1,100	2,000	1,300	1,200
SW28	SD0029	08/11/2001		73	1,000	1,800	1,300	1,400	1,900	4,300	2,900	2,100
SW29	SD0110	09/09/2002		22	130	380	460	510	360	580	660	510
SW30	SD0135	09/14/2002		26	100	280	410	430	380	820	880	420
SW31	SD0122	09/11/2002		8.2 *U*	23	77	78	72	69	170	250	120
SW32	SD0108	09/09/2002		15 *UJ*	20 *J*	81 *J*	76 *J*	99 *J*	66 *J*	110 *J*	100 *J*	85 *J*
SW33	SD0118	09/11/2002		15 *U*	17	79	88	110	62	140	150	75
SW34	SD0117	09/11/2002		12 *U*	23	84	110	150	87	190	240	110

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	HPAH (cont.) Benzo[a]-pyrene	Benzo[e]-pyrene	Indeno-[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzo-furan
Reference												
2229	SD0103	09/09/2002		92	56	55	8.3	52	610	650	7.5 *U*	7.5 *U*
2230	SD0104	09/09/2002		31	22	24	7.5 *U*	21	260	300	7.5 *U*	7.5 *U*
2231	SD0013	08/08/2001		81	59	75	14	66	620	690	12 *U*	12 *U*
2231	SD0134	09/14/2002		79	66	66	13 *U*	64	580	630 *J*	13 *U*	13 *U*
2240	SD0125	09/12/2002		39 *J*	35 *J*	33 *J*	13 *UJ*	35 *J*	320 *J*	360 *J*	13 *UJ*	13 *UJ*
2241	SD0128	09/12/2002		13	13	12	6.8 *U*	12	110	130	6.8 *U*	6.8 *U*
2243	SD0049	08/14/2001		21	17	25	7.8 *U*	25	180	210	7.8 *U*	7.8 *U*
2243	SD0124	09/12/2002		24	22	21	8.0 *U*	22	190	210	8.0 *U*	8.0 *U*
2244	SD0126	09/12/2002	1	22	21	22	8.1 *U*	22	190	220	8.1 *U*	8.1 *U*
2244	SD0127	09/12/2002	2	15	14	15	7.8 *U*	14	120	140 *J*	7.8 *U*	7.8 *U*
2265	SD0107	09/09/2002		27	23	22	8.6 *U*	21	210	240 *J*	8.6 *U*	8.6 *U*
2433	SD0041	08/12/2001		58	39	48	8.5	41	440	490	8.0 *U*	8.0 *U*
2433	SD0130	09/13/2002		47	37	31	8.1 *U*	30	350	380	8.1 *U*	8.1 *U*
2435	SD0102	09/09/2002		10	8.4	8.4	7.0 *U*	7.8	89	110	7.0 *U*	7.0 *U*
2440	SD0043	08/13/2001		230	170	170	32	170	2,700	3,100 *J*	8.1 *U*	16
2440	SD0131	09/13/2002		280	180	150	25	120	2,700	3,200	8.2 *U*	18
2441	SD0034	08/11/2001		35	24	28	8.9 *U*	21	300	350	8.9 *U*	8.9 *U*
2441	SD0123	09/12/2002		88	63	47	9.9 *U*	38	760	860	9.9 *U*	9.9 *U*
NASSCO												
NA01	SD0030	08/11/2001	1	1,300	790	960	190	700	8,300	8,900	14 *U*	14 *U*
NA01	SD0031	08/11/2001	2	1,000	660	830	160	630	6,800	7,300	15 *U*	15 *U*
NA02	SD0033	08/11/2001		440	230	310	61	220	2,800	3,000	15 *U*	15 *U*
NA03	SD0032	08/11/2001		910	590	700	130	530	6,100	6,600	15 *U*	15 *U*
NA04	SD0035	08/11/2001		510	370	450	82	360	3,500	3,700	15 *U*	15 *U*
NA05	SD0044	08/13/2001		400	290	340	70	320	2,800	3,000 *J*	12 *U*	12 *U*
NA06	SD0020	08/09/2001		610	420	470	99	410	4,400	4,700	14 *U*	14 *U*
NA07	SD0017	08/08/2001	1	670	420	490	110	370	4,700	5,000	14 *U*	14 *U*
NA07	SD0018	08/08/2001	2	3,500	2,200	2,200	510	1,600	27,000	28,000	14 *U*	14 *U*
NA08	SD0055	08/14/2001		470	350	410	78	360	3,500	3,800	16 *U*	16 *U*
NA09	SD0054	08/14/2001		380	290	360	64	320	2,800	3,000	17 *U*	17 *U*
NA10	SD0056	08/14/2001		270	190	240	43	220	1,800	1,900	11 *U*	11 *U*
NA11	SD0021	08/09/2001		400	260	300	56	260	2,800	3,000	13 *U*	13 *U*
NA12	SD0027	08/10/2001		260	180	210	44	190	2,000	2,200	13 *U*	13 *U*
NA13	SD0036	08/11/2001		180	150	150	28	130	1,500	1,600	14 *U*	14 *U*
NA14	SD0051	08/14/2001		140	110	120	20	100	1,100	1,200	12 *U*	12 *U*
NA15	SD0037	08/12/2001		500	350	420	80	370	3,300	3,600	14 *U*	14 *U*

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	HPAH (cont.) Benzo[a]-pyrene	Benzo[e]-pyrene	Indeno-[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzo-furan
NA16	SD0038	08/12/2001		540	380	470	87	400	3,700	4,200	14 *U*	22
NA17	SD0039	08/12/2001		480	380	410	85	370	3,900	4,300	15 *U*	15 *U*
NA18	SD0053	08/14/2001		360	250	300	59	270	2,400	2,600	14 *U*	14 *U*
NA19	SD0042	08/12/2001		460	340	410	76	330	3,000	3,200	14 *U*	14 *U*
NA20	SD0028	08/10/2001		390	270	260	57	230	2,900	3,200	9.2 *U*	9.2 *U*
NA21	SD0050	08/14/2001		260	200	190	33	170	2,100	2,200	12 *U*	12 *U*
NA22	SD0052	08/14/2001		540	400	330	70	290	3,600	4,000	9.6 *U*	9.6 *U*
NA23	SD0095	09/08/2002		540	380	370	65	300	3,400	3,700	14 *U*	14 *U*
NA24	SD0094	09/08/2002		330	260	240	41	200	2,100	2,300	13 *U*	13 *U*
NA25	SD0106	09/09/2002		150	110	110	17	110	1,100	1,100	11 *U*	11 *U*
NA26	SD0116	09/11/2002		120	91	97	14	88	850	910	11 *U*	11 *U*
NA27	SD0301	10/02/2002		430	300	290	47	230	2,800	3,000	20 *U*	20 *U*
NA28	SD0300	10/02/2002		530	360	360	61	290	3,400	3,700	18 *U*	18 *U*
NA29	SD0119	09/11/2002		280	200	220	38	190	1,900	2,000	13 *U*	13 *U*
NA30	SD0115	09/11/2002		140	110	130	18	110	1,000	1,100	11 *U*	11 *U*
NA31	SD0105	09/09/2002		75	58	62	10 *U*	58	530	580	10 *U*	10 *U*
Southwest Marine												
SW01	SD0001	08/06/2001		1,500	910	980	190	760	10,000	12,000	17	17
SW02	SD0005	08/06/2001	1	1,900	1,200	1,100	260	800	16,000	17,000	12 *U*	23
SW02	SD0006	08/06/2001	2	1,500	970	790	210	580	12,000	14,000	14 *U*	26
SW03	SD0009	08/07/2001		1,100	650	680	140	540	6,800	7,500	14 *U*	14 *U*
SW04	SD0012	08/07/2001		1,500	1,000	880	230	640	13,000	15,000	13	76
SW05	SD0003	08/06/2001		1,500	940	790	200	580	13,000	17,000	24	270
SW06	SD0002	08/06/2001		1,000	640	560	130	420	12,000	14,000	14 *U*	87
SW07	SD0004	08/06/2001		510	340	340	73	250	3,800	4,100	12 *U*	12 *U*
SW08	SD0016	08/08/2001		2,900	2,100	1,800	450	1,300	26,000	29,000	16 *U*	73
SW09	SD0007	08/06/2001		2,100	1,300	1,100	290	750	17,000	20,000	12 *U*	67
SW10	SD0008	08/06/2001		1,600	920	790	200	590	16,000	25,000	150	900
SW11	SD0048	08/13/2001		1,100	760	770	150	600	8,000	8,500 *J*	14 *U*	14 *U*
SW12	SD0010	08/07/2001		380	290	260	47	210	3,000	3,300	12 *U*	12 *U*
SW13	SD0022	08/09/2001		1,400	930	860	170	640	12,000	14,000	15 *U*	70
SW14	SD0024	08/10/2001		1,300	810	760	150	570	8,400	9,100	13 *U*	14
SW15	SD0023	08/10/2001		980	620	620	120	500	7,700	8,400	15 *U*	16
SW16	SD0025	08/10/2001		1,000	660	600	130	500	5,700	6,100	12 *U*	12 *U*
SW17	SD0047	08/13/2001		1,500	930	1,000	180	730	10,000	11,000 *J*	15 *U*	15 *U*
SW18	SD0046	08/13/2001		1,100	730	670	130	550	8,100	8,800 *J*	15 *U*	15 *U*
SW19	SD0011	08/07/2001		140 *J*	120 *J*	120 *J*	21 *J*	110 *J*	1,100 *J*	1,200 *J*	11 *UJ*	11 *UJ*

Table B1-5. (cont.)

Station	Sample Number	Date	Field Split	HPAH (cont.) Benzo[a]-pyrene	Benzo[e]-pyrene	Indeno-[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzo-furan
SW20	SD0059	08/15/2001		1,400	990	970	200	770	11,000	12,000	13 *U*	17
SW21	SD0019	08/09/2001		1,500	1,000	990	210	780	9,700	10,000	13 *U*	35
SW22	SD0060	08/15/2001		1,700	1,200	1,100	230	830	12,000	13,000	15 *U*	21
SW23	SD0058	08/15/2001		1,500	990	1,000	220	820	11,000	12,000	15 *U*	16
SW24	SD0015	08/08/2001		8,800	4,700	3,700	1,100	2,800	58,000	66,000	12 *U*	54
SW25	SD0057	08/15/2001		2,000	1,200	1,100	240	800	11,000	12,000	13 *U*	17
SW26	SD0014	08/08/2001		210	160	150	30	130	1,600	1,700	12 *U*	12 *U*
SW27	SD0045	08/13/2001		1,400	860	850	160	650	12,000	14,000 *J*	15 *U*	59
SW28	SD0029	08/11/2001		3,100	1,700	1,700	330	1,100	20,000	22,000	15 *U*	16
SW29	SD0110	09/09/2002		690	470	400	75	310	4,600	4,900 *J*	10 *U*	10
SW30	SD0135	09/14/2002		700	460	430	80	350	4,900	5,200	15 *U*	15 *U*
SW31	SD0122	09/11/2002		200	130	120	20	95	1,200	1,300	8.2 *U*	8.2 *U*
SW32	SD0108	09/09/2002		110 *J*	86 *J*	86 *J*	15 *UJ*	82 *J*	820 *J*	900 *J*	15 *UJ*	15 *UJ*
SW33	SD0118	09/11/2002		130	100	120	18	110	1,000	1,100	15 *U*	15 *U*
SW34	SD0117	09/11/2002		190	140	150	25	140	1,400	1,500	12 *U*	12 *U*

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results are reported as μg/kg dry weight.

HPAH - high molecular weight polycyclic aromatic hydrocarbon
LPAH - low molecular weight polycyclic aromatic hydrocarbon
J - estimated
U - undetected at quantitation limit shown

[a] Total LPAH is computed as the sum of the concentrations of naphthalene, 2-methylnaphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, and anthracene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[b] Total HPAH is computed as the sum of the concentrations of fluoranthene, pyrene, benz[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenz[a,h]anthracene, and benzo[ghi]perylene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[c] Total PAH is computed as the sum of the concentrations of the compounds listed in footnotes a and b. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

Table B1-6. Alkylated polycyclic aromatic hydrocarbon results for surface sediment samples

				LPAH											
Station	Sample Number	Date	Field Split	Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	C2-Naph-thalenes	C3-Naph-thalenes	C4-Naph-thalenes	Acenaph-thylene	Acenaph-thene	Fluorene	C1-Fluorenes	C2-Fluorenes	C3-Fluorenes
Reference															
2231	SD0168	11/6/2002		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*
2243	SD0176	11/7/2002		8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*
2433	SD0167	11/6/2002		8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*
2440	SD0175	11/7/2002		8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*
2441	SD0166A	11/6/2002		9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*
NASSCO															
NA01	SD0179	11/7/2002		14 *U*	14 *U*	14 *U*	15 *U*	15 *U*	15 *U*	35	14 *U*	26	15 *U*	15 *U*	22
NA06	SD0181	11/7/2002		14 *U*	14 *U*	14 *U*	20	19	14 *U*	19	14 *U*	14 *U*	14 *U*	15	14 *U*
NA13	SD0183	11/8/2002		14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*
NA16	SD0182	11/7/2002		15 *U*	15 *U*	15 *U*	16 *U*	16 *U*	16 *U*	24	15 *U*	15 *U*	16 *U*	16 *U*	16 *U*
NA17	SD0184	11/8/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	12	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine															
SW01	SD0169	11/6/2002	1	13	9.9 *U*	12	25	28	66	19	23	31	41	9.9 *U*	9.9 *U*
SW01	SD0171	11/6/2002	2	17	10	15	26	28	69	16	21	28	9.9 *U*	9.9 *U*	9.9 *U*
SW02	SD0172	11/6/2002		130	17	34	910	810	1,500	52	3,300	2,900	590	820	1,800
SW04	SD0170	11/6/2002		24	15	19	37	61	51	49	56	120	54	65	97
SW08	SD0178	11/7/2002		27	21 *U*	27	44	71	52	130	49	190	82	66	120
SW24	SD0173	11/6/2002		11 *U*	11 *U*	11 *U*	20	23	97	150	11 *U*	48	95	84	400
SW25	SD0174	11/6/2002		15 *U*	15 *U*	15 *U*	15 *U*	17	15 *U*	25	15 *U*	16	15 *U*	15 *U*	22
SW28	SD0177	11/7/2002		15 *U*	15 *U*	15 *U*	25	53	24	70	100	160	62	39	60
SW36	SD0180	11/7/2002		16 *U*	16 *U*	16 *U*	16 *U*	16 *U*	16 *U*	26	16 *U*	25	16 *U*	16 *U*	19

Table B1-6. (cont.)

Station	Sample Number	Date	Field Split	LPAH (cont.) Phenanthrene	Anthracene	C1-Phenanthrenes/ Anthracenes	C2-Phenanthrenes/ Anthracenes	C3-Phenanthrenes/ Anthracenes	C4-Phenanthrenes/ Anthracenes	Total LPAH[a]	HPAH Fluoranthene	Pyrene	C1-Fluoranthenes/ Pyrenes
Reference													
2231	SD0168	11/6/2002		13	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	49	44	56	36
2243	SD0176	11/7/2002		8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	30	16	19	11
2433	SD0167	11/6/2002		14	8.3 *U*	15	16	10	8.3 *U*	39	59	77	59
2440	SD0175	11/7/2002		52	40	26	28	23	17	110	170	200	140
2441	SD0166A	11/6/2002		17	16	11	12	9.9 *U*	9.9 *U*	58	69	77	62
NASSCO													
NA01	SD0179	11/7/2002		160	150	120	100	79	37	390	340	390	560
NA06	SD0181	11/7/2002		92	72	57	70	68	35	210	260	330	280
NA13	SD0183	11/8/2002		45	38	38	39	28	15	120	160	200	180
NA16	SD0182	11/7/2002		54	51	50	59	46	16 *U*	160	160	220	190
NA17	SD0184	11/8/2002		44	29	37	47	47	10 *U*	110	140	180	150
Southwest Marine													
SW01	SD0169	11/6/2002	1	210	110	120	130	190	350	420	470	830	640
SW01	SD0171	11/6/2002	2	190	83	120	150	180	310	370	480	800	660
SW02	SD0172	11/6/2002		4,700	1,600	1,000	1,500	2,300	1,100	13,000	3,900	3,500	2,400
SW04	SD0170	11/6/2002		760	750	440	340	320	160	1,800	1,400	1,400	1,800
SW08	SD0178	11/7/2002		900	1,400	670	490	430	160	2,700	2,400	2,300	3,400
SW24	SD0173	11/6/2002		580	900	500	620	1,100	860	1,700	3,600	9,800	6,400 *J*
SW25	SD0174	11/6/2002		100	130	98	82	73	42	290	400	460	620
SW28	SD0177	11/7/2002		910	510	340	250	190	92	1,800	1,400	1,600	1,500
SW36	SD0180	11/7/2002		150	110	74	67	52	27	340	390	380	440

Table B1-6. (cont.)

Station	Sample Number	Date	Field Split	HPAH (cont.) Benz[a]-anthracene	Chrysene	C1-Benz[a]-anthracenes/ Chrysenes	C2-Benz[a]-anthracenes/ Chrysenes	C3-Benz[a]-anthracenes/ Chrysenes	C4-Benz[a]-anthracenes/ Chrysenes	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene	Perylene	Benzo[a]-pyrene
Reference													
2231	SD0168	11/6/2002		37	64	36	26	12	12 *U*	80	54	16	74
2243	SD0176	11/7/2002		9.7	15	9.3	9.9	8.5 *U*	8.5 *U*	21	16	8.5 *U*	20
2433	SD0167	11/6/2002		50	61	43	30	16	8.3 *U*	60	54	14	73
2440	SD0175	11/7/2002		110	150	100	79	47	50	140	99	30	130
2441	SD0166A	11/6/2002		56	90	48	28	12	9.9 *U*	74	56	14	61
NASSCO													
NA01	SD0179	11/7/2002		440	840	560	350	120	130	880	610	170	910
NA06	SD0181	11/7/2002		200	330	270	210	80	77	620	330	90	480
NA13	SD0183	11/8/2002		140	250	180	130	54	48	370	210	68	320
NA16	SD0182	11/7/2002		150	250	220	190	83	85	470	300	79	430
NA17	SD0184	11/8/2002		110	160	160	180	91	90	350	250	54	320
Southwest Marine													
SW01	SD0169	11/6/2002	1	340	600	590	400	200	160	920	470	150	680
SW01	SD0171	11/6/2002	2	360	490	570	370	140	120	780	500	140	750
SW02	SD0172	11/6/2002		1,200	1,200	1,300	880	410	340	1,200	760	260	1,300
SW04	SD0170	11/6/2002		1,400	2,600	1,600	770	190	270	2,400	1,500	430	2,100
SW08	SD0178	11/7/2002		2,400	4,800	2,500	1,100	270	290	3,900	2,200	670	3,300
SW24	SD0173	11/6/2002		2,700	4,700	5,500 *J*	2,600 *J*	560	630	7,300	5,500	1,300	7,200
SW25	SD0174	11/6/2002		410	720	580	300	72	53	970	670	170	850
SW28	SD0177	11/7/2002		970	2,000	1,400	700	190	200	2,300	1,500	390	2,000
SW36	SD0180	11/7/2002		340	560	350	200	69	90	640	410	120	560

Table B1-6. (cont.)

Station	Sample Number	Date	Field Split	HPAH (cont.) Benzo[e]-pyrene	Indeno-[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Dibenzo-thiophene	C1-Dibenzo-thiophenes	C2-Dibenzo-thiophenes	C3-Dibenzo-thiophenes	Biphenyl	Dibenzo-furan
Reference															
2231	SD0168	11/6/2002		59	73	12 *U*	63	550	600	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*
2243	SD0176	11/7/2002		16	20	8.5 *U*	18	160	190	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*
2433	SD0167	11/6/2002		49	48	8.3 *U*	41	530	570	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*
2440	SD0175	11/7/2002		96	95	15	79	1,200	1,300	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*
2441	SD0166A	11/6/2002		44	41	9.9 *U*	30	560	620	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*
NASSCO															
NA01	SD0179	11/7/2002		570	610	120	420	5,600	6,000	14 *U*	15 *U*	20	19	14 *U*	14 *U*
NA06	SD0181	11/7/2002		370	340	63	240	3,200	3,400	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*
NA13	SD0183	11/8/2002		240	250	42	200	2,100	2,300	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*
NA16	SD0182	11/7/2002		320	360	64	280	2,700	2,800	15 *U*	16 *U*	16 *U*	16 *U*	15 *U*	15 *U*
NA17	SD0184	11/8/2002		200	230	43	170	2,000	2,100	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine															
SW01	SD0169	11/6/2002	1	520	410	84	300	5,100	5,500	12	9.9 *U*	9.9 *U*	85	9.9 *U*	18
SW01	SD0171	11/6/2002	2	520	440	81	330	5,000	5,400	12	9.9 *U*	9.9 *U*	89	9.9 *U*	16
SW02	SD0172	11/6/2002		860	750	130	610	15,000	27,000	420	1,300	1,400	1,400	16 *U*	2,100
SW04	SD0170	11/6/2002		1,400	1,200	230	770	15,000	17,000	42	27	94	120	14 *U*	51
SW08	SD0178	11/7/2002		2,400	1,900	390	1,200	25,000	28,000	46	24	82	86	21 *U*	58
SW24	SD0173	11/6/2002		4,200	2,800	750	1,700	46,000	48,000	24	11 *U*	89	350	11 *U*	13
SW25	SD0174	11/6/2002		550	430	84	290	5,300	5,600	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*
SW28	SD0177	11/7/2002		1,300	1,200	230	740	14,000	16,000	39	15 *U*	36	77	15 *U*	40
SW36	SD0180	11/7/2002		390	380	65	280	4,000	4,300	16 *U*	16 *U*	16 *U*	19	16 *U*	16 *U*

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All data are reported as μg/kg dry weight.

HPAH - high molecular weight polycyclic aromatic hydrocarbon
J - estimated
LPAH - low molecular weight polycyclic aromatic hydrocarbon
PAH - polycyclic aromatic hydrocarbon
U - undetected at quantitation limit shown

[a] Total LPAH is computed as the sum of the concentrations of naphthalene, 2-methylnaphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, and anthracene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[b] Total HPAH is computed as the sum of the concentrations of fluoranthene, pyrene, benz[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenz[a,h]anthracene, and benzo[ghi]perylene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[c] Total PAH is computed as the sum of the concentrations of the compounds listed in footnotes a and b. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

Table B1-7. PCB and PCT results for surface sediment samples

Station	Sample Number	Date	Field Split	PCB Aroclors® 1016	1221	1232	1242	1248	1254	1260	Total[a]	PCT Aroclors® 5432	5442	5460	Total[a]
Reference															
2229	SD0103	09/09/2002		15 *U*	30 *U*	15 *U*	15 *U*	15 *U*	32	32	64	15 *U*	15 *U*	75 *U*	75 *U*
2230	SD0104	09/09/2002		15 *U*	30 *U*	15 *U*	15 *U*	15 *U*	17	19	36	15 *U*	15 *U*	75 *U*	75 *U*
2231	SD0013	08/08/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	240	140	380	48 *U*	48 *U*	240 *U*	240 *U*
2231	SD0134	09/14/2002		26 *U*	52 *U*	26 *U*	26 *U*	26 *U*	66	87	150	26 *U*	26 *U*	150	150
2240	SD0125	09/12/2002		25 *U*	50 *U*	25 *U*	25 *U*	25 *U*	59	69	130	25 *U*	25 *U*	140	140
2241	SD0128	09/12/2002		14 *U*	27 *U*	14 *U*	14 *U*	14 *U*	14 *U*	18	18	14 *U*	14 *U*	68 *U*	68 *U*
2243	SD0049	08/14/2001		16 *U*	31 *U*	16 *U*	16 *U*	16 *U*	23	16 *U*	23	31 *U*	31 *U*	160 *U*	160 *U*
2243	SD0124	09/12/2002		16 *U*	32 *U*	16 *U*	16 *U*	16 *U*	27	29	56	16 *U*	16 *U*	85	85
2244	SD0126	09/12/2002	1	8.1 *U*	17 *U*	8.1 *U*	8.1 *U*	8.1 *U*	23	30	53	17 *U*	17 *U*	81 *U*	81 *U*
2244	SD0127	09/12/2002	2	16 *U*	32 *U*	16 *U*	16 *U*	16 *U*	21	29	50	16 *U*	16 *U*	78 *U*	78 *U*
2265	SD0107	09/09/2002		18 *U*	35 *U*	18 *U*	18 *U*	18 *U*	51	50	100	18 *U*	18 *U*	86 *U*	86 *U*
2433	SD0041	08/12/2001		16 *U*	32 *U*	16 *U*	16 *U*	16 *U*	26	17	43	32 *U*	32 *U*	160 *U*	160 *U*
2433	SD0130	09/13/2002		17 *U*	33 *U*	17 *U*	17 *U*	17 *U*	32	34	66	17 *U*	17 *U*	95	95
2435	SD0102	09/09/2002		14 *U*	28 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	28 *U*	14 *U*	14 *U*	70 *U*	70 *U*
2440	SD0043	08/13/2001		17 *U*	33 *U*	17 *U*	17 *U*	17 *U*	190	88	280	33 *U*	33 *U*	170 *U*	170 *U*
2440	SD0131	09/13/2002		17 *U*	33 *U*	17 *U*	17 *U*	17 *U*	140	110	250	17 *U*	17 *U*	560	560
2441	SD0034	08/11/2001		18 *U*	36 *U*	18 *U*	18 *U*	18 *U*	20	18 *U*	20	36 *U*	36 *U*	180 *U*	180 *U*
2441	SD0123	09/12/2002		20 *U*	40 *U*	20 *U*	20 *U*	20 *U*	26	20 *U*	26	20 *U*	20 *U*	99 *U*	99 *U*
NASSCO															
NA01	SD0030	08/11/2001	1	28 *U*	56 *U*	28 *U*	28 *U*	28 *U*	370	260	630	56 *U*	56 *U*	640	640
NA01	SD0031	08/11/2001	2	29 *U*	57 *U*	29 *U*	29 *U*	29 *U*	360	220	580	57 *U*	57 *U*	570	570
NA02	SD0033	08/11/2001		29 *U*	58 *U*	29 *U*	29 *U*	29 *U*	150	140	290	58 *U*	58 *U*	290 *U*	290 *U*
NA03	SD0032	08/11/2001		29 *U*	58 *U*	29 *U*	29 *U*	29 *U*	330	250	580	58 *U*	58 *U*	540	540
NA04	SD0035	08/11/2001		30 *U*	59 *U*	30 *U*	30 *U*	30 *U*	250	180	430	59 *U*	59 *U*	390	390
NA05	SD0044	08/13/2001		24 *U*	47 *U*	24 *U*	24 *U*	24 *U*	140	96	240	47 *U*	47 *U*	240 *U*	240 *U*
NA06	SD0020	08/09/2001		280 *U*	550 *U*	280 *U*	280 *U*	280 *U*	1,400	290 *J*	1,700 *J*	550 *U*	550 *U*	2,900	2,900
NA07	SD0017	08/08/2001	1	270 *U*	540 *U*	270 *U*	270 *U*	270 *U*	490	270 *U*	490	54 *U*	54 *U*	750	750
NA07	SD0018	08/08/2001	2	270 *U*	530 *U*	270 *U*	270 *U*	570 *JN*	590	270 *U*	1,200 *JN*	53 *U*	53 *U*	500	500
NA08	SD0055	08/14/2001		32 *U*	64 *U*	32 *U*	32 *U*	32 *U*	210	170	380	64 *U*	64 *U*	330	330
NA09	SD0054	08/14/2001		33 *U*	65 *U*	33 *U*	33 *U*	33 *U*	230	180	410	65 *U*	65 *U*	330 *U*	330 *U*
NA10	SD0056	08/14/2001		22 *U*	44 *U*	22 *U*	22 *U*	22 *U*	170	130	300	44 *U*	44 *U*	270	270
NA11	SD0021	08/09/2001		26 *U*	52 *U*	26 *U*	26 *U*	26 *U*	170	100	270	52 *U*	52 *U*	340	340
NA12	SD0027	08/10/2001		25 *U*	49 *U*	25 *U*	25 *U*	25 *U*	120	95	220	49 *U*	49 *U*	250 *U*	250 *U*
NA13	SD0036	08/11/2001		28 *U*	55 *U*	28 *U*	28 *U*	28 *U*	130	110	240	55 *U*	55 *U*	280 *U*	280 *U*
NA14	SD0051	08/14/2001		23 *U*	46 *U*	23 *U*	23 *U*	23 *U*	120	93	210	46 *U*	46 *U*	230 *U*	230 *U*
NA15	SD0037	08/12/2001		27 *U*	53 *U*	27 *U*	27 *U*	27 *U*	320	160	480	53 *U*	53 *U*	340	340
NA16	SD0038	08/12/2001		28 *U*	56 *U*	28 *U*	28 *U*	28 *U*	450	210	660	56 *U*	56 *U*	570	570
NA17	SD0039	08/12/2001		29 *U*	58 *U*	29 *U*	29 *U*	29 *U*	640	310	950	58 *U*	58 *U*	650	650
NA18	SD0053	08/14/2001		27 *U*	53 *U*	27 *U*	27 *U*	27 *U*	590	280	870	53 *U*	53 *U*	840	840

Table B1-7. (cont.)

Station	Sample Number	Date	Field Split	PCB Aroclors® 1016	1221	1232	1242	1248	1254	1260	Total[a]	PCT Aroclors® 5432	5442	5460	Total[a]
NA19	SD0042	08/12/2001		28 *U*	56 *U*	28 *U*	28 *U*	28 *U*	430	170	600	56 *U*	56 *U*	280 *U*	280 *U*
NA20	SD0028	08/10/2001		19 *U*	37 *U*	19 *U*	19 *U*	19 *U*	120	77	200	37 *U*	37 *U*	190 *U*	190 *U*
NA21	SD0050	08/14/2001		23 *U*	46 *U*	23 *U*	23 *U*	23 *U*	150	120	270	46 *U*	46 *U*	230 *U*	230 *U*
NA22	SD0052	08/14/2001		20 *U*	39 *U*	20 *U*	20 *U*	20 *U*	200	150	350	39 *U*	39 *U*	200 *U*	200 *U*
NA23	SD0095	09/08/2002		28 *U*	56 *U*	28 *U*	28 *U*	28 *U*	600 *J*	530 *J*	1,100 *J*	28 *U*	28 *U*	1,000 *J*	1,000 *J*
NA24	SD0094	09/08/2002		25 *U*	50 *U*	25 *U*	25 *U*	25 *U*	260	270	530	25 *U*	25 *U*	350	350
NA25	SD0106	09/09/2002		21 *U*	41 *U*	21 *U*	21 *U*	21 *U*	87	96	180	21 *U*	21 *U*	150	150
NA26	SD0116	09/11/2002		22 *U*	44 *U*	22 *U*	22 *U*	22 *U*	82	110	190	22 *U*	22 *U*	190	190
NA27	SD0301	10/02/2002		20 *U*	39 *U*	20 *U*	20 *U*	20 *U*	270	340	610	39 *U*	39 *U*	480	480
NA28	SD0300	10/02/2002		18 *U*	36 *U*	18 *U*	18 *U*	18 *U*	290	340	630	36 *U*	36 *U*	550	550
NA29	SD0119	09/11/2002		25 *U*	49 *U*	25 *U*	25 *U*	25 *U*	160	170	330	25 *U*	25 *U*	400	400
NA30	SD0115	09/11/2002		22 *U*	43 *U*	22 *U*	22 *U*	22 *U*	220	160	380	22 *U*	22 *U*	170	170
NA31	SD0105	09/09/2002		20 *U*	40 *U*	20 *U*	20 *U*	20 *U*	85	83	170	20 *U*	20 *U*	100	100
Southwest Marine															
SW01	SD0001	08/06/2001		340 *U*	680 *U*	340 *U*	340 *U*	340 *U*	5,900	1,200	7,100	680 *U*	680 *U*	9,800	9,800
SW02	SD0005	08/06/2001	1	480 *U*	960 *U*	480 *U*	480 *U*	480 *U*	5,500	1,300	6,800	960 *U*	960 *U*	13,000	13,000
SW02	SD0006	08/06/2001	2	530 *U*	1,100 *U*	530 *U*	530 *U*	530 *U*	4,700	1,100	5,800	1,100 *U*	1,100 *U*	7,700	7,700
SW03	SD0009	08/07/2001		270 *U*	530 *U*	270 *U*	270 *U*	270 *U*	780	270 *U*	780	270 *U*	270 *U*	1,800	1,800
SW04	SD0012	08/07/2001		190 *U*	370 *U*	190 *U*	190 *U*	190 *U*	2,400	600	3,000	190 *U*	190 *U*	4,800 *J*	4,800 *J*
SW05	SD0003	08/06/2001		110 *U*	210 *U*	110 *U*	110 *U*	110 *U*	1,500	390	1,900	210 *U*	210 *U*	2,700	2,700
SW06	SD0002	08/06/2001		140 *U*	280 *U*	140 *U*	140 *U*	350	530	200	1,100	56 *U*	56 *U*	310	310
SW07	SD0004	08/06/2001		110 *U*	220 *U*	110 *U*	110 *U*	110 *U*	230	110 *U*	230	44 *U*	44 *U*	390	390
SW08	SD0016	08/08/2001		330 *U*	650 *U*	330 *U*	330 *U*	990 *JN*	2,400	640	4,000 *JN*	650 *U*	650 *U*	5,900	5,900
SW09	SD0007	08/06/2001		120 *U*	230 *U*	120 *U*	120 *U*	120 *U*	1,100	410	1,500	230 *U*	230 *U*	1,400	1,400
SW10	SD0008	08/06/2001		95 *U*	190 *U*	95 *U*	95 *U*	580	710	220	1,500	190 *U*	190 *U*	1,300	1,300
SW11	SD0048	08/13/2001		27 *U*	53 *U*	27 *U*	27 *U*	27 *U*	460	170	630	53 *U*	53 *U*	910	910
SW12	SD0010	08/07/2001		23 *U*	45 *U*	23 *U*	23 *U*	23 *U*	220	110	330	45 *U*	45 *U*	320	320
SW13	SD0022	08/09/2001		30 *U*	60 *U*	30 *U*	30 *U*	30 *U*	310	210	520	60 *U*	60 *U*	350	350
SW14	SD0024	08/10/2001		26 *U*	52 *U*	26 *U*	26 *U*	26 *U*	360	260	620	52 *U*	52 *U*	640	640
SW15	SD0023	08/10/2001		29 *U*	58 *U*	29 *U*	29 *U*	29 *U*	240	160	400	58 *U*	58 *U*	350	350
SW16	SD0025	08/10/2001		24 *U*	47 *U*	24 *U*	24 *U*	24 *U*	340	250	590	47 *U*	47 *U*	410	410
SW17	SD0047	08/13/2001		30 *U*	59 *U*	30 *U*	30 *U*	30 *U*	390	420	810	59 *U*	59 *U*	320	320
SW18	SD0046	08/13/2001		30 *U*	59 *U*	30 *U*	30 *U*	30 *U*	250	130	380	59 *U*	59 *U*	300 *U*	300 *U*
SW19	SD0011	08/07/2001		21 *U*	41 *U*	21 *U*	21 *U*	21 *U*	110	95	210	41 *U*	41 *U*	240	240
SW20	SD0059	08/15/2001		250 *U*	500 *U*	250 *U*	250 *U*	250 *U*	1,500	1,600	3,100	50 *U*	50 *U*	640	640
SW21	SD0019	08/09/2001		260 *U*	520 *U*	260 *U*	260 *U*	260 *U*	1,600	1,800	3,400	52 *U*	52 *U*	760	760
SW22	SD0060	08/15/2001		29 *U*	57 *U*	29 *U*	29 *U*	29 *U*	670	790	1,500	57 *U*	57 *U*	540	540
SW23	SD0058	08/15/2001		29 *U*	58 *U*	29 *U*	29 *U*	29 *U*	550	710	1,300	58 *U*	58 *U*	370	370
SW24	SD0015	08/08/2001		230 *U*	460 *U*	230 *U*	230 *U*	230 *U*	790	870	1,700	46 *U*	46 *U*	630	630
SW25	SD0057	08/15/2001		26 *U*	51 *U*	26 *U*	26 *U*	26 *U*	330	380	710	51 *U*	51 *U*	310	310

Table B1-7. (cont.)

Station	Sample Number	Date	Field Split	PCB Aroclors®								PCT Aroclors®			
				1016	1221	1232	1242	1248	1254	1260	Total[a]	5432	5442	5460	Total[a]
SW26	SD0014	08/08/2001		23 *U*	45 *U*	23 *U*	23 *U*	23 *U*	170	86	260	45 *U*	45 *U*	230 *U*	230 *U*
SW27	SD0045	08/13/2001		29 *U*	57 *U*	29 *U*	29 *U*	29 *U*	230	160	390	57 *U*	57 *U*	290 *U*	290 *U*
SW28	SD0029	08/11/2001		290 *U*	570 *U*	290 *U*	290 *U*	290 *U*	1,400	2,300	3,700	57 *U*	57 *U*	760	760
SW29	SD0110	09/09/2002		200 *U*	400 *U*	200 *U*	200 *U*	480	1,600	980	3,100	200 *U*	200 *U*	4,800 *J*	4,800 *J*
SW30	SD0135	09/14/2002		29 *U*	57 *U*	29 *U*	29 *U*	29 *U*	340	280	620	29 *U*	29 *U*	770	770
SW31	SD0122	09/11/2002		17 *U*	33 *U*	17 *U*	17 *U*	17 *U*	75	63	140	17 *U*	17 *U*	160	160
SW32	SD0108	09/09/2002		29 *U*	57 *U*	29 *U*	29 *U*	29 *U*	140	120	260	29 *U*	29 *U*	230	230
SW33	SD0118	09/11/2002		29 *U*	58 *U*	29 *U*	29 *U*	29 *U*	110	120	230	29 *U*	29 *U*	180	180
SW34	SD0117	09/11/2002		23 *U*	46 *U*	23 *U*	23 *U*	23 *U*	150	140	290	23 *U*	23 *U*	430	430
SW36	SD0180	11/07/2002		32 *U*	63 *U*	32 *U*	32 *U*	32 *U*	190 *J*	130	320 *J*	32 *U*	32 *U*	230	230

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results reported as µg/kg dry weight.

J - estimated
N - tentatively identified
PCB - polychlorinated biphenyl
PCT - polychlorinated terphenyl
U - undetected at quantitation limit shown

[a] Total PCB and total PCT for each sample is computed as the sum of Aroclors® according to the following rules: 1) if any Aroclor® is detected, all detected Aroclors® are summed; 2) if no Aroclor® is detected, the highest quantitation limit for any Aroclor® is used.

Table B1-8. PCB congener and homolog results for surface sediment samples

Station	Sample Number	Date	Field Split	PCB Congeners 18	28	37	44	49	52	66	70	74	77
Reference													
2229	SD0103	09/09/2002		0.056	0.17	0.092	0.21	0.33	0.39	0.65	0.40	0.22	0.082
2230	SD0104	09/09/2002		0.031	0.095	0.053	0.11	0.18	0.21	0.37	0.21	0.13	0.048
2231	SD0013	08/08/2001		0.12	0.37	0.19	0.27	0.46	1.8	0.025 *U*	0.025 *U*	0.025 *U*	0.25
2231	SD0134	09/14/2002		0.080	0.32	0.20	0.37	0.46	0.74	1.1	0.70	0.33	0.20
2240	SD0125	09/12/2002		0.10	0.47	0.25	0.40	0.68	0.84	1.4	0.74	0.38	0.16
2241	SD0128	09/12/2002		0.025 *U*	0.095	0.049	0.078	0.16	0.17	0.31	0.13	0.082	0.031
2243	SD0049	08/14/2001		0.047	0.17	0.088	0.15	0.31	0.35	0.62	0.27	0.14	0.075
2243	SD0124	09/12/2002		0.072	0.23	0.12	0.41	0.41	1.00	0.78	0.65	0.24	0.083
2244	SD0126	09/12/2002	1	0.092	0.19	0.096	0.23	0.33	0.52	0.58	0.39	0.18	0.063
2244	SD0127	09/12/2002	2	0.035	0.16	0.089	0.14	0.27	0.31	0.52	0.25	0.13	0.052
2265	SD0107	09/09/2002		0.055	0.025 *U*	0.089	0.30	0.43	0.63	0.80	0.56	0.27	0.11
2433	SD0041	08/12/2001		0.077	0.28	0.095	0.26	0.44	0.48	0.78	0.39	0.21	0.087
2433	SD0130	09/13/2002		0.081	0.28	0.12	0.24	0.37	0.47	0.76	0.44	0.23	0.072
2435	SD0102	09/09/2002		0.026	0.077	0.034	0.060	0.086	0.11	0.20	0.12	0.063	0.025 *U*
2440	SD0043	08/13/2001		0.47	1.0	0.39	1.8	2.3	3.4	2.9	2.8	1.1	0.47
2440	SD0131	09/13/2002		0.32	0.73	0.29	1.5	1.7	2.8	2.3	2.4	0.92	0.25
2441	SD0034	08/11/2001		0.089	0.21	0.057	0.15	0.22	0.28	0.41	0.27	0.13	0.050
2441	SD0123	09/12/2002		0.13	0.33	0.093	0.18	0.29	0.36	0.60	0.39	0.20	0.075
NASSCO													
NA01	SD0030	08/11/2001	1	0.84	1.7	0.58	4.8	4.3	10	5.9	7.0	2.4	0.82
NA01	SD0031	08/11/2001	2	0.60	1.3	0.56	4.5	4.2	9.7	6.0	6.3	2.3	0.83
NA01[b]	SD0136	09/14/2002											
NA02	SD0033	08/11/2001		0.25	0.78	0.38	1.7	1.9	4.3	3.4	3.7	1.4	0.50
NA03	SD0032	08/11/2001		0.65	1.7	0.59	3.8	4.3	7.8	6.1	5.5	2.3	0.90
NA04	SD0035	08/11/2001		0.75	1.9	0.52	3.2	4.2	6.2	5.5	4.2	1.8	0.66
NA05	SD0044	08/13/2001		0.31	0.84	0.35	2.1	2.6	4.2	3.7	3.1	1.3	0.49
NA06	SD0020	08/09/2001		2.5	4.9	1.2	13	13	25	20	21	8.7	1.6
NA06[b]	SD0101	09/08/2002											
NA07	SD0017	08/08/2001	1	2.3	3.7	0.85	9.2	12	19	11	12	4.8	1.0
NA07	SD0018	08/08/2001	2	2.5	4.0	0.86	8.0	11	17	13	12	5.2	1.3
NA08	SD0055	08/14/2001		0.66	1.6	0.49	3.7	5.0	9.5	5.4	5.5	2.1	0.65
NA09	SD0054	08/14/2001		0.83	1.6	0.55	3.6	3.9	7.8	5.7	5.7	2.3	0.66
NA10	SD0056	08/14/2001		0.24	0.74	0.28	1.9	2.0	3.7	3.1	2.6	1.1	0.41
NA11	SD0021	08/09/2001		0.44	1.1	0.36	2.4	2.8	4.4	4.2	3.4	1.6	0.51
NA12	SD0027	08/10/2001		0.25	0.76	0.30	2.2	3.3	3.7	5.7	3.9	1.8	0.63
NA13	SD0036	08/11/2001		0.22	0.80	0.39	1.2	1.6	2.7	3.1	2.5	1.2	0.50
NA13[b]	SD0120	09/11/2002											

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners 18	28	37	44	49	52	66	70	74	77
NA14	SD0051	08/14/2001		0.16	0.56	0.27	0.78	1.1	1.9	2.4	2.0	0.92	0.33
NA15	SD0037	08/12/2001		0.63	1.5	0.54	4.2	4.2	8.6	6.3	6.1	2.4	0.76
NA16	SD0038	08/12/2001		0.78	1.6	0.58	10	7.5	22	9.4	14	4.4	1.2
NA16[b]	SD0099	09/08/2002	1										
NA16[b]	SD0100	09/08/2002	2										
NA17	SD0039	08/12/2001		1.2	1.8	0.64	7.9	6.3	18	8.5	13	3.8	1.5
NA17[b]	SD0097	09/08/2002											
NA18	SD0053	08/14/2001		0.75	1.4	0.53	5.0	4.5	11	6.2	7.1	2.6	0.91
NA19	SD0042	08/12/2001		1.3	1.8	1.1	17	12	38	14	28	6.8	4.5
NA20	SD0028	08/10/2001		0.42	0.95	0.38	2.1	2.4	4.0	2.6	2.8	1.0	0.41
NA21	SD0050	08/14/2001		0.33	0.87	0.39	1.5	2.3	3.5	3.4	3.0	1.3	0.44
NA22	SD0052	08/14/2001		0.76	1.4	0.43	2.4	4.0	5.0	4.1	3.5	1.5	0.40
NA24	SD0094	09/08/2002		0.39	1.3	0.70	2.7	3.2	5.5	5.1	5.0	2.1	0.64
NA25	SD0106	09/09/2002		0.10	0.41	0.16	0.64	0.89	1.3	1.6	1.2	0.55	0.23
NA26	SD0116	09/11/2002		0.28	0.56	0.30	2.7	1.8	6.2	2.8	4.2	1.2	0.35
NA27	SD0301	10/02/2002		0.33	1.5	0.49	1.6	1.7	3.6	4.3	3.5	1.7	0.60
NA28	SD0300	10/02/2002		0.32	1.1	0.42	1.6	0.025 *U*	3.3	3.9	3.0	1.5	0.49
NA29	SD0119	09/11/2002		0.23	0.81	0.37	2.0	1.9	4.4	3.1	3.2	1.2	0.40
NA30	SD0115	09/11/2002		0.50	1.4	0.49	0.85	1.0	1.6	1.9	1.4	0.66	0.23
NA31	SD0105	09/09/2002		0.087	0.32	0.14	0.61	0.74	1.3	1.3	1.1	0.47	0.18
Southwest Marine													
SW01	SD0001	08/06/2001		27	46	6.6	59	76	95	77	82	32	5.3
SW01[b]	SD0137	09/14/2002											
SW02	SD0005	08/06/2001	1	54	77	16	200	170	340	190	270	100	17
SW02	SD0006	08/06/2001	2	51	72	16	200	180	330	200	280	110	18
SW02[b]	SD0138	09/14/2002											
SW03	SD0009	08/07/2001		1.3	2.3	0.63	8.8	7.6	18	8.6	12	4.0	1.2
SW04	SD0012	08/07/2001		30	48	8.0	120	100	230	100	160	49	8.7
SW04[b]	SD0112	09/10/2002											
SW05	SD0003	08/06/2001		12	17	3.0	40	41	75	43	57	21	3.9
SW06	SD0002	08/06/2001		7.8	12	1.4	12	19	24	14	15	7.2	1.3
SW07	SD0004	08/06/2001		0.36	0.89	0.29	2.4	2.9	5.2	3.7	3.5	1.3	0.42
SW08	SD0016	08/08/2001		19	22	4.7	54	63	100	75	79	31	6.7
SW08[b]	SD0133	09/13/2002											
SW09	SD0007	08/06/2001		11	18	1.9	23	35	46	29	28	12	2.3
SW10	SD0008	08/06/2001		17	21	2.3	26	29	45	24	30	12	1.9
SW11	SD0048	08/13/2001		0.71	0.74	0.045	2.2	3.2	4.6	4.2	3.3	1.5	0.48

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners 18	28	37	44	49	52	66	70	74	77
SW12	SD0010	08/07/2001		0.30	0.77	0.043	1.8	1.7	4.3	2.8	3.4	1.2	0.37
SW12[b]	SD0111	09/10/2002											
SW13	SD0022	08/09/2001		1.6	2.9	0.69	6.8	9.9	15	9.8	10	3.9	1.1
SW14	SD0024	08/10/2001		0.98	1.9	0.52	4.5	6.4	9.7	6.9	6.6	2.6	0.85
SW15	SD0023	08/10/2001		3.1	4.7	0.85	7.1	10	14	10	9.9	4.5	1.1
SW16	SD0025	08/10/2001		1.0	2.0	0.57	5.7	8.1	12	8.8	7.3	3.0	0.99
SW17	SD0047	08/13/2001		1.5	2.7	0.69	5.1	13	13	8.3	7.1	2.9	0.98
SW18	SD0046	08/13/2001		1.2	3.1	0.94	4.7	6.7	10	9.4	7.2	3.3	1.3
SW19	SD0011	08/07/2001		0.14	0.48	0.22	0.82	1.4	2.1	2.0	1.6	0.73	0.25
SW20	SD0059	08/15/2001		1.3	2.5	0.58	4.0	36	16	11	6.3	2.6	0.93
SW21	SD0019	08/09/2001		2.5	4.3	1.1	9.2	38	27	19	14	5.9	1.7
SW22	SD0060	08/15/2001		2.5	4.4	1.0	7.8	20	18	11	11	4.4	1.2
SW23	SD0058	08/15/2001		1.5	2.5	0.64	7.3	18	20	8.9	9.6	3.4	1.1
SW24	SD0015	08/08/2001		1.3	2.3	0.59	6.5	16	16	9.6	9.1	3.4	1.1
SW24[b]	SD0113	09/10/2002											
SW25	SD0057	08/15/2001		0.98	2.0	0.48	3.3	6.2	7.0	5.6	4.5	2.0	0.65
SW25[b]	SD0114	09/10/2002											
SW26	SD0014	08/08/2001		0.40	0.66	0.28	5.0	3.3	14	4.4	10	2.6	0.36
SW27	SD0045	08/13/2001		0.33	0.92	0.39	1.9	2.8	4.2	4.0	3.1	1.3	0.58
SW28	SD0029	08/11/2001		1.2	2.1	0.63	8.0	11	19	9.6	11	3.7	1.3
SW28[b]	SD0121	09/11/2002											
SW29	SD0110	09/09/2002		2.8	4.2	4.1	19	13	38	17	30	9.1	1.6
SW30	SD0135	09/14/2002		0.83	1.9	0.65	5.7	4.3	13	6.2	8.8	2.9	0.85
SW31	SD0122	09/11/2002		0.15	0.30	0.12	0.81	0.68	1.9	1.1	1.4	0.43	0.12
SW32	SD0108	09/09/2002		0.24	0.50	0.29	2.0	1.2	4.7	1.9	3.1	0.83	0.26
SW33	SD0118	09/11/2002		0.13	0.42	0.26	0.61	0.60	1.2	1.4	1.1	0.47	0.30
SW34	SD0117	09/11/2002		0.16	0.58	0.29	1.2	1.2	2.7	2.1	2.0	0.78	0.27
SW36	SD0180	11/07/2002		0.33	0.99	0.48	2.1	1.6	4.3	4.2	3.5	1.5	0.59

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
Reference													
2229	SD0103	09/09/2002		0.025 *U*	0.50	1.6	1.1	0.52	1.0	0.025 *U*	1.6	0.066	0.033
2230	SD0104	09/09/2002		0.025 *U*	0.25	0.89	0.64	0.29	0.52	0.025 *U*	0.97	0.036	0.025 *U*
2231	SD0013	08/08/2001		0.063	2.7	5.7	3.2	2.2	4.9	0.12	5.6	0.20	0.048
2231	SD0134	09/14/2002		0.035	0.082	4.0	2.7	1.6	3.1	0.048	4.6	0.20	0.12
2240	SD0125	09/12/2002		0.025	0.95	4.0	2.9	1.2	2.2	0.036	3.9	0.15	0.15
2241	SD0128	09/12/2002		0.025 *U*	0.20	0.88	0.70	0.25	0.47	0.025 *U*	0.86	0.041	0.031
2243	SD0049	08/14/2001		0.024 *U*	0.36	1.5	1.1	0.42	0.76	0.024 *U*	1.6	0.049	0.024 *U*
2243	SD0124	09/12/2002		0.025	1.1	3.1	2.0	0.89	1.9	0.030	2.8	0.098	0.055
2244	SD0126	09/12/2002	1	0.024 *U*	0.53	1.9	1.3	0.53	1.1	0.024 *U*	1.7	0.070	0.074
2244	SD0127	09/12/2002	2	0.025 *U*	0.33	1.5	1.2	0.40	0.80	0.025 *U*	1.4	0.063	0.066
2265	SD0107	09/09/2002		0.025 *U*	0.78	2.6	1.7	0.78	1.6	0.030	2.5	0.093	0.047
2433	SD0041	08/12/2001		0.024 *U*	0.50	1.6	1.0	0.56	1.0	0.024 *U*	1.5	0.053	0.024 *U*
2433	SD0130	09/13/2002		0.025 *U*	0.56	1.8	1.2	0.66	1.1	0.025 *U*	1.8	0.066	0.042
2435	SD0102	09/09/2002		0.025 *U*	0.14	0.47	0.33	0.18	0.28	0.025 *U*	0.49	0.025 *U*	0.025 *U*
2440	SD0043	08/13/2001		0.11	4.8	9.7	4.2	4.0	7.6	0.16	8.8	0.19	0.11
2440	SD0131	09/13/2002		0.079	3.3	8.5	4.6	2.9	5.9	0.14	7.9	0.26	0.21
2441	SD0034	08/11/2001		0.025 *U*	0.30	0.82	0.49	0.32	0.50	0.025 *U*	0.88	0.025 *U*	0.025 *U*
2441	SD0123	09/12/2002		0.025 *U*	0.33	1.1	0.78	0.42	0.67	0.025 *U*	1.2	0.041	0.036
NASSCO													
NA01	SD0030	08/11/2001	1	0.29	14	30	14	11	21	0.43	26	0.67	0.32
NA01	SD0031	08/11/2001	2	0.29	13	29	13	9.7	20	0.24	24	0.64	0.28
NA01[b]	SD0136	09/14/2002											
NA02	SD0033	08/11/2001		0.10	5.5	16	7.9	5.2	12	0.22	14	0.46	0.25
NA03	SD0032	08/11/2001		0.24	11	27	13	9.0	18	0.31	23	0.72	0.33
NA04	SD0035	08/11/2001		0.16	7.0	18	9.3	6.2	12	0.21	16	0.54	0.21
NA05	SD0044	08/13/2001		0.13	4.7	12	6.5	4.5	8.4	0.19	12	0.37	0.27
NA06	SD0020	08/09/2001		0.48	29	60	28	22	42	0.95	56	1.3	0.80
NA06[b]	SD0101	09/08/2002											
NA07	SD0017	08/08/2001	1	0.26	16	39	21	12	25	0.36	30	1.6	0.39
NA07	SD0018	08/08/2001	2	0.25	16	45	28	12	30	0.52	49	2.0	0.50
NA08	SD0055	08/14/2001		0.17	10	25	13	8.3	17	0.36	21	0.80	0.23
NA09	SD0054	08/14/2001		0.16	10	24	11	8.4	17	0.39	21	0.58	0.22
NA10	SD0056	08/14/2001		0.14	5.2	12	6.0	0.43	9.0	0.16	11	0.34	0.83
NA11	SD0021	08/09/2001		0.11	5.7	14	6.8	5.1	9.6	0.15	13	0.37	0.19
NA12	SD0027	08/10/2001		0.079	3.6	11	6.7	3.2	8.1	0.054	11	0.40	0.10
NA13	SD0036	08/11/2001		0.082	4.2	13	7.0	4.5	8.5	0.10	12	0.42	0.21
NA13[b]	SD0120	09/11/2002											

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
NA14	SD0051	08/14/2001		0.050	2.8	9.7	5.3	2.6	6.9	0.090	8.8	0.32	0.16
NA15	SD0037	08/12/2001		0.27	11	26	12	8.9	19	0.28	22	0.57	0.26
NA16	SD0038	08/12/2001		0.67	31	60	24	20	44	0.96	46	0.97	0.56
NA16[b]	SD0099	09/08/2002	1										
NA16[b]	SD0100	09/08/2002	2										
NA17	SD0039	08/12/2001		0.61	28	57	23	17	40	0.84	44	0.95	0.54
NA17[b]	SD0097	09/08/2002											
NA18	SD0053	08/14/2001		0.24	16	33	14	11	24	0.55	27	0.63	0.32
NA19	SD0042	08/12/2001		1.3	61	120	43	33	84	1.7	81	1.6	0.97
NA20	SD0028	08/10/2001		0.10	3.9	9.5	4.0	3.1	6.3	0.081	7.4	0.19	0.093
NA21	SD0050	08/14/2001		0.079	4.5	14	7.0	4.0	9.9	0.12	12	0.45	0.20
NA22	SD0052	08/14/2001		0.089	5.6	15	7.4	4.3	9.9	0.19	12	0.50	0.13
NA24	SD0094	09/08/2002		0.17	7.7	21	11	6.2	13	0.28	18	0.65	0.39
NA25	SD0106	09/09/2002		0.045	2.0	5.8	3.5	1.8	3.7	0.070	5.4	0.20	0.092
NA26	SD0116	09/11/2002		0.19	8.3	19	8.3	5.5	13	0.28	15	0.34	0.38
NA27	SD0301	10/02/2002		0.11	4.5	15	7.7	5.1	9.4	0.23	13	0.48	0.23
NA28	SD0300	10/02/2002		0.090	3.6	13	6.6	4.4	8.1	0.19	12	0.43	0.24
NA29	SD0119	09/11/2002		0.13	6.1	16	7.9	4.7	11	0.21	14	0.47	0.25
NA30	SD0115	09/11/2002		0.054	2.5	7.7	4.5	2.3	4.9	0.084	7.0	0.28	0.16
NA31	SD0105	09/09/2002		0.051	1.8	5.1	2.9	1.5	3.3	0.060	4.6	0.16	0.077
Southwest Marine													
SW01	SD0001	08/06/2001		0.85	65	130	57	46	94	1.7	110	3.6	1.5
SW01[b]	SD0137	09/14/2002											
SW02	SD0005	08/06/2001	1	7.9	320	580	230	200	430	11	460	8.1	6.2
SW02	SD0006	08/06/2001	2	7.3	280	510	210	190	380	8.7	430	7.7	5.8
SW02[b]	SD0138	09/14/2002											
SW03	SD0009	08/07/2001		0.52	21	41	17	14	30	0.77	36	0.68	0.67
SW04	SD0012	08/07/2001		5.9	240	470	170	140	350	7.8	350	6.1	5.8
SW04[b]	SD0112	09/10/2002											
SW05	SD0003	08/06/2001		1.7	56	120	48	41	83	2.2	91	2.3	1.1
SW06	SD0002	08/06/2001		0.16	13	29	13	10	20	0.56	24	0.70	0.27
SW07	SD0004	08/06/2001		0.13	5.5	13	6.5	4.5	9.5	0.23	11	0.35	0.12
SW08	SD0016	08/08/2001		1.6	99	210	92	68	150	3.2	180	4.6	2.6
SW08[b]	SD0133	09/13/2002											
SW09	SD0007	08/06/2001		0.68	25	59	25	19	40	0.89	46	1.4	0.63
SW10	SD0008	08/06/2001		0.69	26	53	20	18	38	0.99	44	0.88	0.79
SW11	SD0048	08/13/2001		0.075	5.8	15	7.9	5.0	10.0	0.18	13	0.48	0.21

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
SW12	SD0010	08/07/2001		0.089	5.0	13	6.2	4.2	9.8	0.088 *U*	12	0.31	0.17
SW12[b]	SD0111	09/10/2002											
SW13	SD0022	08/09/2001		0.29	16	40	20	12	25	0.48	32	1.5	0.42
SW14	SD0024	08/10/2001		0.25	12	31	15	8.8	20	0.34	23	1.1	0.32
SW15	SD0023	08/10/2001		0.22	12	29	15	9.6	19	0.23	25	0.95	0.35
SW16	SD0025	08/10/2001		0.30	13	36	18	10	23	0.30	25	1.2	0.33
SW17	SD0047	08/13/2001		0.20	14	0.18	28	11	23	0.44	29	3.0	0.54
SW18	SD0046	08/13/2001		0.29	13	34	18	12	22	0.48	32	1.1	0.84
SW19	SD0011	08/07/2001		0.044	2.0	6.6	3.7	2.2	4.5	0.025 *U*	6.0	0.24	0.11
SW20	SD0059	08/15/2001		0.19	14	100	72	8.4	27	0.36	30	9.9	0.71
SW21	SD0019	08/09/2001		0.39	26	140	98	17	45	0.67	55	14	0.66
SW22	SD0060	08/15/2001		0.28	18	65	42	13	29	0.56	35	5.3	0.86
SW23	SD0058	08/15/2001		0.37	23	73	44	15	35	0.72	40	5.4	2.7
SW24	SD0015	08/08/2001		0.31	18	64	37	12	30	0.55	34	4.7	0.43
SW24[b]	SD0113	09/10/2002											
SW25	SD0057	08/15/2001		0.13	8.4	26	14	6.5	14	0.25	18	1.3	0.35
SW25[b]	SD0114	09/10/2002											
SW26	SD0014	08/08/2001		0.24	13	32	13	11	25	0.42	26	0.50	0.36
SW27	SD0045	08/13/2001		0.14	6.0	0.098	8.6	5.4	0.016	0.22	15	0.58	0.34
SW28	SD0029	08/11/2001		0.59	29	110	29	18	49	0.72	54	2.2	0.50
SW28[b]	SD0121	09/11/2002											
SW29	SD0110	09/09/2002		1.1	43	88	35	27	59	1.6	69	1.2	1.1
SW30	SD0135	09/14/2002		0.43	16	36	16	12	24	0.51	29	0.72	0.64
SW31	SD0122	09/11/2002		0.060	2.5	6.3	3.0	1.8	4.2	0.085	5.1	0.16	0.18
SW32	SD0108	09/09/2002		0.16	5.8	13	5.8	3.8	9.8	0.18	11	0.31	0.19
SW33	SD0118	09/11/2002		0.054	2.1	5.7	3.5	2.1	4.9	0.064	6.1	0.29	0.32
SW34	SD0117	09/11/2002		0.088	3.8	10	5.5	3.2	7.1	0.12	9.0	0.32	0.27
SW36	SD0180	11/07/2002		0.24	4.4	14	7.0	5.4	9.1	0.28	12	0.45	0.26

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
Reference													
2229	SD0103	09/09/2002		0.025 *U*	0.58	3.6	2.0	0.57	3.1	0.20	0.053	0.20	0.12
2230	SD0104	09/09/2002		0.025 *U*	0.33	2.1	1.1	0.31	1.8	0.11	0.031	0.10	0.069
2231	SD0013	08/08/2001		0.064	2.1	12	6.7	1.8	9.0	0.78	0.17	0.52	0.39
2231	SD0134	09/14/2002		0.042	1.7	10	5.6	1.6	9.1	0.58	0.16	0.69	0.34
2240	SD0125	09/12/2002		0.029	1.3	9.0	4.4	1.2	8.4	0.40	0.11	0.45	0.28
2241	SD0128	09/12/2002		0.025 *U*	0.30	2.1	1.0	0.31	2.0	0.093	0.032	0.11	0.066
2243	SD0049	08/14/2001		0.024 *U*	0.49	3.6	1.8	0.60	3.4	0.13	0.041	0.088	0.10
2243	SD0124	09/12/2002		0.025 *U*	0.93	5.3	2.7	0.68	5.1	0.32	0.091	0.36	0.19
2244	SD0126	09/12/2002	1	0.024 *U*	0.58	3.6	1.8	0.50	3.4	0.18	0.053	0.21	0.12
2244	SD0127	09/12/2002	2	0.025 *U*	0.50	3.6	1.9	0.54	3.4	0.15	0.043	0.19	0.11
2265	SD0107	09/09/2002		0.025 *U*	0.86	5.2	3.0	0.87	4.7	0.30	0.078	0.30	0.17
2433	SD0041	08/12/2001		0.024 *U*	0.43	2.9	1.4	0.45	2.4	0.17	0.040	0.10	0.093
2433	SD0130	09/13/2002		0.025 *U*	0.58	3.5	1.7	0.49	2.9	0.24	0.066	0.25	0.12
2435	SD0102	09/09/2002		0.025 *U*	0.17	1.0	0.47	0.14	0.88	0.059	0.025 *U*	0.068	0.038
2440	SD0043	08/13/2001		0.12	3.1	18	8.4	2.5	11	1.8	0.40	0.93	0.65
2440	SD0131	09/13/2002		0.056	2.1	11	6.4	1.7	9.1	1.0	0.24	1.1	0.43
2441	SD0034	08/11/2001		0.025 *U*	0.24	1.4	0.71	0.23	1.2	0.094	0.026	0.055	0.049
2441	SD0123	09/12/2002		0.025 *U*	0.34	2.1	1.00	0.27	1.8	0.13	0.041	0.13	0.070
NASSCO													
NA01	SD0030	08/11/2001	1	0.15	8.3	51	30	9.9	41	3.9	0.76	2.4	1.7
NA01	SD0031	08/11/2001	2	0.15	7.9	50	29	10.0	39	3.8	0.81	2.3	1.6
NA01[b]	SD0136	09/14/2002											
NA02	SD0033	08/11/2001		0.10	4.8	29	15	4.4	24	1.9	0.48	2.0	1.1
NA03	SD0032	08/11/2001		0.16	7.2	48	29	9.8	40	3.4	0.80	2.1	1.5
NA04	SD0035	08/11/2001		0.12	5.0	32	19	6.4	27	2.1	0.51	1.4	1.0
NA05	SD0044	08/13/2001		0.11	3.5	24	13	4.2	19	1.5	0.35	0.94	0.79
NA06	SD0020	08/09/2001		0.24	14	74	38	12	53	7.0	1.6	3.8	2.7
NA06[b]	SD0101	09/08/2002											
NA07	SD0017	08/08/2001	1	0.16	8.3	52	33	13	46	3.9	0.80	2.5	1.8
NA07	SD0018	08/08/2001	2	0.17	8.5	55	38	14	57	4.4	1.0	2.5	2.0
NA08	SD0055	08/14/2001		0.15	6.3	40	22	5.7	33	2.8	0.54	1.7	1.3
NA09	SD0054	08/14/2001		0.15	6.5	39	21	6.4	31	2.9	0.63	1.7	1.3
NA10	SD0056	08/14/2001		0.099	3.4	22	12	3.9	17	1.6	0.38	0.93	0.69
NA11	SD0021	08/09/2001		0.087	4.0	25	14	5.2	20	1.8	0.33	1.1	0.83
NA12	SD0027	08/10/2001		0.071	3.0	19	11	3.8	16	1.2	0.27	0.72	0.61
NA13	SD0036	08/11/2001		0.11	3.8	24	13	4.1	21	1.4	0.37	1.4	0.84
NA13[b]	SD0120	09/11/2002											

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
NA14	SD0051	08/14/2001		0.057	2.9	18	10.0	3.0	15	1.1	0.27	1.0	0.63
NA15	SD0037	08/12/2001		0.14	7.0	44	26	8.8	34	3.3	0.73	2.1	1.4
NA16	SD0038	08/12/2001		0.21	14	73	36	12	51	6.9	1.5	3.9	2.6
NA16[b]	SD0099	09/08/2002	1										
NA16[b]	SD0100	09/08/2002	2										
NA17	SD0039	08/12/2001		0.32	12	70	38	12	48	6.4	1.4	3.7	2.6
NA17[b]	SD0097	09/08/2002											
NA18	SD0053	08/14/2001		0.21	8.1	46	24	7.7	33	3.8	0.85	2.3	1.6
NA19	SD0042	08/12/2001		0.84	24	130	69	19	80	12	2.7	7.5	4.5
NA20	SD0028	08/10/2001		0.066	2.2	15	9.2	3.1	11	1.1	0.24	0.72	0.45
NA21	SD0050	08/14/2001		0.077	3.6	23	14	4.1	20	1.5	0.35	1.4	0.78
NA22	SD0052	08/14/2001		0.093	3.3	22	13	4.7	17	1.6	0.33	1.00	0.68
NA24	SD0094	09/08/2002		0.12	6.4	38	24	7.4	33	2.6	0.58	2.5	1.4
NA25	SD0106	09/09/2002		0.045	2.1	12	6.5	1.9	10.0	0.72	0.19	0.69	0.41
NA26	SD0116	09/11/2002		0.080	4.3	24	13	3.3	17	1.8	0.43	2.2	0.77
NA27	SD0301	10/02/2002		0.098	4.5	29	16	4.8	25	1.9	0.46	2.0	1.0
NA28	SD0300	10/02/2002		0.088	3.9	24	14	4.2	22	1.6	0.40	1.6	0.87
NA29	SD0119	09/11/2002		0.084	4.0	24	14	3.9	20	1.6	0.40	1.9	0.82
NA30	SD0115	09/11/2002		0.050	2.3	15	7.8	2.3	12	0.79	0.21	0.95	0.47
NA31	SD0105	09/09/2002		0.033	1.6	9.1	5.6	1.6	7.9	0.55	0.14	0.55	0.31
Southwest Marine													
SW01	SD0001	08/06/2001		0.47	23	130	79	24	92	12	2.6	7.3	4.2
SW01[b]	SD0137	09/14/2002											
SW02	SD0005	08/06/2001	1	2.3	100	560	280	88	350	55	12	33	18
SW02	SD0006	08/06/2001	2	2.1	88	550	250	76	280	49	11	28	16
SW02[b]	SD0138	09/14/2002											
SW03	SD0009	08/07/2001		0.26	8.3	48	26	7.1	33	4.2	0.88	2.5	1.6
SW04	SD0012	08/07/2001		1.5	84	420	220	56	250	44	9.6	26	15
SW04[b]	SD0112	09/10/2002											
SW05	SD0003	08/06/2001		0.58	21	130	70	19	89	12	2.6	6.9	4.0
SW06	SD0002	08/06/2001		0.14	5.3	34	23	7.3	26	2.7	0.57	1.7	1.1
SW07	SD0004	08/06/2001		0.093	3.5	22	11	3.2	17	1.5	0.25	1.0	0.69
SW08	SD0016	08/08/2001		0.61	39	210	120	35	160	21	4.7	11	7.7
SW08[b]	SD0133	09/13/2002											
SW09	SD0007	08/06/2001		0.27	11	69	38	11	51	5.9	1.2	3.6	2.2
SW10	SD0008	08/06/2001		0.21	8.9	51	29	7.8	34	4.9	1.0	3.0	1.7
SW11	SD0048	08/13/2001		0.098	4.1	26	14	4.7	22	1.7	0.39	1.0	0.82

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
SW12	SD0010	08/07/2001		0.064	3.7	21	10	3.0	17	1.5	0.37	1.5	0.75
SW12[b]	SD0111	09/10/2002											
SW13	SD0022	08/09/2001		0.17	9.0	58	38	15	54	4.3	0.82	2.6	1.9
SW14	SD0024	08/10/2001		0.12	7.3	51	31	13	46	3.5	0.64	2.2	1.6
SW15	SD0023	08/10/2001		0.14	6.9	43	25	9.4	37	3.1	0.71	1.9	1.4
SW16	SD0025	08/10/2001		0.17	7.9	53	32	13	46	4.0	0.84	2.5	1.7
SW17	SD0047	08/13/2001		0.20	8.5	64	44	21	84	4.4	0.87	2.6	1.9
SW18	SD0046	08/13/2001		0.28	9.5	61	33	9.6	52	3.9	0.92	2.3	2.0
SW19	SD0011	08/07/2001		0.047	2.1	13	6.4	1.9	11	0.83	0.22	0.81	0.47
SW20	SD0059	08/15/2001		0.23	11	170	170	60	250	9.1	0.88	6.8	4.2
SW21	SD0019	08/09/2001		0.22	17	240	250	120	380	13	1.1	9.6	6.5
SW22	SD0060	08/15/2001		0.24	11	98	81	17	130	5.6	0.71	4.0	2.8
SW23	SD0058	08/15/2001		0.27	13	110	89	30	140	7.4	0.90	4.9	3.4
SW24	SD0015	08/08/2001		0.19	10	100	92	41	130	6.2	0.89	4.4	2.9
SW24[b]	SD0113	09/10/2002											
SW25	SD0057	08/15/2001		0.13	5.3	41	28	11	42	2.5	0.45	1.6	1.2
SW25[b]	SD0114	09/10/2002											
SW26	SD0014	08/08/2001		0.099	7.0	36	18	4.7	25	2.9	0.75	3.0	1.3
SW27	SD0045	08/13/2001		0.13	4.4	30	17	5.7	25	1.9	0.34	1.2	1.0
SW28	SD0029	08/11/2001		0.44	26	310	220	86	290	20	1.4	15	8.1
SW28[b]	SD0121	09/11/2002											
SW29	SD0110	09/09/2002		0.28	21	97	52	13	64	9.6	2.2	9.6	3.5
SW30	SD0135	09/14/2002		0.15	8.2	48	29	7.9	34	3.7	0.88	4.7	1.6
SW31	SD0122	09/11/2002		0.035	1.5	8.4	4.8	1.3	6.5	0.59	0.16	0.76	0.28
SW32	SD0108	09/09/2002		0.067	4.4	22	13	3.4	17	1.7	0.42	1.7	0.83
SW33	SD0118	09/11/2002		0.058	2.5	16	8.4	2.4	13	0.81	0.23	1.0	0.50
SW34	SD0117	09/11/2002		0.061	2.9	18	9.2	2.6	14	1.1	0.27	1.3	0.56
SW36	SD0180	11/07/2002		0.13	4.6	28	15	4.2	25	1.9	0.45	2.0	1.0

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
Reference													
2229	SD0103	09/09/2002		0.025 *U*	0.025 *U*	0.70	0.66	1.5	0.44	1.6	0.030	0.47	0.083
2230	SD0104	09/09/2002		0.025 *U*	0.025 *U*	0.35	0.36	0.78	0.23	0.89	0.025 *U*	0.25	0.046
2231	SD0013	08/08/2001		0.025 *U*	0.025 *U*	2.1	1.9	4.9	1.1	3.8	0.098	1.5	3.0
2231	SD0134	09/14/2002		0.068	0.026 *U*	2.0	1.9	4.2	1.2	4.4	0.099	1.5	0.25
2240	SD0125	09/12/2002		0.049	0.025 *U*	1.5	1.8	3.2	0.95	4.0	0.071	1.2	0.25
2241	SD0128	09/12/2002		0.025 *U*	0.025 *U*	0.33	0.39	0.73	0.22	0.88	0.025 *U*	0.26	0.055
2243	SD0049	08/14/2001		0.038	0.024 *U*	0.45	0.69	1.1	0.37	1.8	0.028	0.41	0.41
2243	SD0124	09/12/2002		0.035	0.025 *U*	0.70	0.79	1.4	0.46	1.9	0.036	0.49	0.10
2244	SD0126	09/12/2002	1	0.024 *U*	0.024 *U*	0.52	0.64	1.1	0.34	1.4	0.029	0.40	0.081
2244	SD0127	09/12/2002	2	0.025 *U*	0.025 *U*	0.61	0.71	1.3	0.40	1.6	0.030	0.46	0.093
2265	SD0107	09/09/2002		0.025 *U*	0.025 *U*	1.0	0.99	2.2	0.68	2.4	0.037	0.67	0.12
2433	SD0041	08/12/2001		0.030	0.024 *U*	0.55	0.49	1.3	0.36	1.2	0.028	0.37	0.42
2433	SD0130	09/13/2002		0.025 *U*	0.025 *U*	0.63	0.53	1.3	0.36	1.2	0.031	0.41	0.070
2435	SD0102	09/09/2002		0.025 *U*	0.025 *U*	0.20	0.17	0.40	0.11	0.40	0.025	0.15	0.025 *U*
2440	SD0043	08/13/2001		0.12	0.025 *U*	3.3	2.0	7.1	1.8	4.5	0.14	1.6	1.7
2440	SD0131	09/13/2002		0.054	0.026 *U*	1.9	1.4	3.9	1.1	2.9	0.084	0.94	0.17
2441	SD0034	08/11/2001		0.025 *U*	0.025 *U*	0.23	0.21	0.47	0.14	0.55	0.025 *U*	0.17	0.19
2441	SD0123	09/12/2002		0.025 *U*	0.025 *U*	0.33	0.33	0.63	0.20	0.77	0.025 *U*	0.24	0.039
NASSCO													
NA01	SD0030	08/11/2001	1	0.31	0.025 *U*	9.5	6.6	23	5.8	16	0.39	5.7	5.9
NA01	SD0031	08/11/2001	2	0.42	0.025 *U*	9.5	7.0	23	5.7	16	0.39	6.2	6.8
NA01[b]	SD0136	09/14/2002											
NA02	SD0033	08/11/2001		0.032 *U*	0.032 *U*	5.3	4.7	12	3.3	11	0.23	3.3	3.1
NA03	SD0032	08/11/2001		0.31	0.025 *U*	10.0	7.2	24	6.1	17	0.39	6.5	8.6
NA04	SD0035	08/11/2001		0.27	0.025 *U*	6.2	4.8	15	3.9	12	0.24	4.0	4.2
NA05	SD0044	08/13/2001		0.13	0.025 *U*	4.9	4.3	12	3.5	11	0.21	3.1	2.5
NA06	SD0020	08/09/2001		0.33	0.026 *U*	11	7.1	24	6.1	16	0.47	5.6	6.1
NA06[b]	SD0101	09/08/2002											
NA07	SD0017	08/08/2001	1	0.49	0.025 *U*	9.3	6.6	23	6.1	18	0.41	5.8	5.8
NA07	SD0018	08/08/2001	2	0.18	0.026 *U*	10	7.3	26	6.7	22	0.49	7.0	7.2
NA08	SD0055	08/14/2001		0.18	0.025 *U*	7.6	5.6	18	4.8	14	0.30	4.6	4.2
NA09	SD0054	08/14/2001		0.10	0.025 *U*	6.9	5.5	16	4.4	13	0.28	4.2	4.1
NA10	SD0056	08/14/2001		0.12	0.025 *U*	4.1	3.2	10	2.7	8.0	0.18	2.6	2.6
NA11	SD0021	08/09/2001		0.19	0.024 *U*	4.8	3.7	12	3.0	8.8	0.21	3.2	3.3
NA12	SD0027	08/10/2001		0.16	0.025 *U*	3.6	3.1	8.8	2.4	7.5	0.15	2.5	2.6
NA13	SD0036	08/11/2001		0.031 *U*	0.031 *U*	4.6	4.3	10	2.9	10	0.21	2.9	2.6
NA13[b]	SD0120	09/11/2002											

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
NA14	SD0051	08/14/2001		0.025 *U*	0.025 *U*	3.3	3.1	7.1	2.1	7.5	0.15	2.1	1.9
NA15	SD0037	08/12/2001		0.29	0.025 *U*	8.2	6.3	22	6.0	16	0.35	6.2	6.9
NA16	SD0038	08/12/2001		0.34	0.025 *U*	12	8.1	26	6.8	18	0.49	5.4	5.2
NA16[b]	SD0099	09/08/2002	1										
NA16[b]	SD0100	09/08/2002	2										
NA17	SD0039	08/12/2001		0.43	0.025 *U*	11	7.3	23	6.3	16	0.44	4.7	4.6
NA17[b]	SD0097	09/08/2002											
NA18	SD0053	08/14/2001		0.12	0.025 *U*	7.4	5.3	17	4.4	12	0.30	3.9	3.9
NA19	SD0042	08/12/2001		0.68	0.025 *U*	15	9.7	29	8.1	19	0.68	4.4	4.6
NA20	SD0028	08/10/2001		0.12	0.025 *U*	2.9	2.1	7.0	1.8	4.7	0.11	1.6	1.6
NA21	SD0050	08/14/2001		0.053	0.026 *U*	4.7	4.2	11	3.0	9.7	0.19	2.9	2.6
NA22	SD0052	08/14/2001		0.11	0.025 *U*	4.5	3.2	11	2.7	7.4	0.17	2.6	2.5
NA24	SD0094	09/08/2002		0.032	0.025 *U*	8.0	7.4	18	5.6	17	0.28	4.7	0.76
NA25	SD0106	09/09/2002		0.025 *U*	0.025 *U*	2.3	2.2	5.0	1.5	5.3	0.083	1.4	0.24
NA26	SD0116	09/11/2002		0.090	0.025 *U*	3.6	2.9	6.9	1.9	5.7	0.17	1.7	0.28
NA27	SD0301	10/02/2002		0.062	0.025 *U*	6.0	5.3	13	3.9	13	0.27	3.8	0.59
NA28	SD0300	10/02/2002		0.050	0.025 *U*	5.3	4.4	11	3.1	10	0.22	3.2	0.52
NA29	SD0119	09/11/2002		0.10	0.025 *U*	4.7	4.1	10	3.0	9.2	0.21	2.8	0.48
NA30	SD0115	09/11/2002		0.067	0.025 *U*	2.8	2.6	6.5	1.7	5.9	0.13	2.2	0.37
NA31	SD0105	09/09/2002		0.025 *U*	0.025 *U*	1.7	1.7	3.9	1.1	4.0	0.068	1.1	0.19
Southwest Marine													
SW01	SD0001	08/06/2001		0.024 *U*	0.024 *U*	23	14	54	12	29	0.83	12	21
SW01[b]	SD0137	09/14/2002											
SW02	SD0005	08/06/2001	1	0.025 *U*	0.025 *U*	66	40	140	37	78	2.7	44	30
SW02	SD0006	08/06/2001	2	0.026 *U*	0.026 *U*	60	36	130	35	75	2.5	29	43
SW02[b]	SD0138	09/14/2002											
SW03	SD0009	08/07/2001		0.025 *U*	0.025 *U*	7.2	5.2	16	4.8	12	0.30	3.4	2.9
SW04	SD0012	08/07/2001		0.025 *U*	0.025 *U*	51	28	110	27	57	2.4	22	30
SW04[b]	SD0112	09/10/2002											
SW05	SD0003	08/06/2001		0.025 *U*	0.025 *U*	16	9.2	37	8.6	25	0.72	8.8	18
SW06	SD0002	08/06/2001		0.025 *U*	0.025 *U*	5.8	4.1	15	2.8	8.4	0.21	3.5	8.7
SW07	SD0004	08/06/2001		0.024 *U*	0.024 *U*	3.9	3.0	9.1	2.3	7.2	0.16	2.7	3.9
SW08	SD0016	08/08/2001		0.27	0.025 *U*	35	22	79	20	48	1.5	17	18
SW08[b]	SD0133	09/13/2002											
SW09	SD0007	08/06/2001		0.025 *U*	0.025 *U*	12	8.0	28	7.0	18	0.47	6.5	9.0
SW10	SD0008	08/06/2001		0.026 *U*	0.026 *U*	7.0	4.5	17	4.3	10.0	0.29	3.8	5.6
SW11	SD0048	08/13/2001		0.063	0.025 *U*	4.9	3.9	12	3.2	10	0.20	3.3	3.5

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
SW12	SD0010	08/07/2001		0.041	0.025 *U*	3.6	3.0	7.5	2.1	7.0	0.16	2.1	2.1
SW12[b]	SD0111	09/10/2002											
SW13	SD0022	08/09/2001		0.16	0.025 *U*	12	8.8	30	7.7	23	0.49	7.6	7.9
SW14	SD0024	08/10/2001		0.38	0.024 *U*	12	8.5	29	7.3	21	0.46	6.8	6.8
SW15	SD0023	08/10/2001		0.29	0.025 *U*	8.2	6.3	20	5.2	16	0.35	5.4	5.4
SW16	SD0025	08/10/2001		0.37	0.025 *U*	12	8.4	29	7.4	21	0.45	6.5	6.3
SW17	SD0047	08/13/2001		0.32	0.029 *U*	16	12	42	11	42	0.61	11	10
SW18	SD0046	08/13/2001		0.17	0.025 *U*	12	11	30	8.8	0.58	0.51	7.5	6.5
SW19	SD0011	08/07/2001		0.025 *U*	0.025 *U*	2.5	2.2	5.6	1.6	5.4	0.11	1.6	1.6
SW20	SD0059	08/15/2001		1.2	0.024 *U*	69	49	190	47	150	2.5	45	38
SW21	SD0019	08/09/2001		2.0	0.026 *U*	93	67	260	63	210	3.6	66	61
SW22	SD0060	08/15/2001		0.72	0.025 *U*	29	22	80	21	66	1.0	20	16
SW23	SD0058	08/15/2001		0.58	0.025 *U*	35	24	91	23	76	1.2	23	18
SW24	SD0015	08/08/2001		0.57	0.025 *U*	35	26	93	23	68	1.3	22	21
SW24[b]	SD0113	09/10/2002											
SW25	SD0057	08/15/2001		0.12	0.026 *U*	10	7.9	27	6.9	22	0.37	7.2	7.1
SW25[b]	SD0114	09/10/2002											
SW26	SD0014	08/08/2001		0.054	0.025 *U*	4.4	3.5	8.7	2.6	7.8	0.17	2.0	2.0
SW27	SD0045	08/13/2001		0.11	0.025 *U*	6.2	5.4	15	4.4	14	0.24	3.8	3.1
SW28	SD0029	08/11/2001		1.5	0.043	120	71	270	69	140	4.4	52	44
SW28[b]	SD0121	09/11/2002											
SW29	SD0110	09/09/2002		0.068	0.025 *U*	12	8.5	24	7.6	17	0.53	5.6	0.92
SW30	SD0135	09/14/2002		0.17	0.025 *U*	7.4	5.6	16	4.2	12	0.31	4.3	0.74
SW31	SD0122	09/11/2002		0.066	0.025 *U*	1.5	1.2	3.1	0.86	2.7	0.066	0.81	0.14
SW32	SD0108	09/09/2002		0.025 *U*	0.025 *U*	3.6	3.2	7.5	2.4	7.6	0.14	2.2	0.38
SW33	SD0118	09/11/2002		0.070	0.025 *U*	3.2	2.9	6.9	1.9	6.8	0.15	2.1	0.36
SW34	SD0117	09/11/2002		0.067	0.025 *U*	3.1	3.0	7.0	2.0	6.5	0.15	2.0	0.33
SW36	SD0180	11/07/2002		0.056	0.025 *U*	5.3	4.7	12	3.4	11	0.25	3.7	0.57

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont). 206	PCB Congeners (cont). Total[a]	PCB Homologs Monochloro biphenyl	Dichloro biphenyl	Trichloro biphenyl	Tetrachloro biphenyl	Pentachloro biphenyl	Hexachloro biphenyl	Heptachloro biphenyl
Reference												
2229	SD0103	09/09/2002		0.45	25	0.025 *U*	0.13	0.57	3.2	8.7	13	6.9
2230	SD0104	09/09/2002		0.21	14	0.025 *U*	0.049	0.29	1.7	4.7	7.1	3.6
2231	SD0013	08/08/2001		2.6	82	0.11	0.34	1.4	10	36	41	20
2231	SD0134	09/14/2002		1.3	68	0.034	0.31	1.1	5.7	24	38	20
2240	SD0125	09/12/2002		1.4	61	0.050	0.36	1.6	6.6	21	31	16
2241	SD0128	09/12/2002		0.24	14	0.025 *U*	0.091	0.31	1.3	4.5	7.2	3.5
2243	SD0049	08/14/2001		0.29	24	0.024 *U*	0.11	0.56	2.5	7.8	12	6.1
2243	SD0124	09/12/2002		0.38	38	0.085	0.19	0.82	4.6	16	19	7.4
2244	SD0126	09/12/2002	1	0.32	25	0.027	0.18	0.79	3.1	9.7	13	5.7
2244	SD0127	09/12/2002	2	0.36	24	0.025 *U*	0.15	0.53	2.3	7.7	13	6.7
2265	SD0107	09/09/2002		0.53	38	0.025 *U*	0.15	0.62	4.3	14	19	11
2433	SD0041	08/12/2001		0.32	22	0.024 *U*	0.28	0.97	3.7	8.4	9.5	5.6
2433	SD0130	09/13/2002		0.36	25	0.025 *U*	0.21	1.0	3.6	9.7	12	5.8
2435	SD0102	09/09/2002		0.14	7.2	0.025 *U*	0.042	0.24	0.85	2.5	3.4	1.8
2440	SD0043	08/13/2001		1.1	130	0.13	0.89	4.6	22	55	59	27
2440	SD0131	09/13/2002		0.81	93	0.027	0.36	3.3	17	46	43	16
2441	SD0034	08/11/2001		0.13	11	0.039	0.16	0.71	2.0	4.5	4.8	2.3
2441	SD0123	09/12/2002		0.24	16	0.041	0.21	1.2	2.9	6.1	7.2	3.2
NASSCO												
NA01	SD0030	08/11/2001	1	5.2	380	0.20	1.4	7.4	49	170	190	89
NA01	SD0031	08/11/2001	2	5.1	370	0.25	1.3	5.9	47	160	180	89
NA01[b]	SD0136	09/14/2002				1.7	2.3	5.4	47	190	180	84
NA02	SD0033	08/11/2001		2.2	208	0.16	0.69	3.0	23	91	109	53
NA03	SD0032	08/11/2001		12	370	0.73	1.6	6.7	45	150	180	94
NA04	SD0035	08/11/2001		2.6	250	0.19	1.2	8.2	39	99	120	60
NA05	SD0044	08/13/2001		1.8	180	0.12	0.60	3.6	25	71	84	53
NA06	SD0020	08/09/2001		4.9	640	2.4	3.1	21	140	340	260	92
NA06[b]	SD0101	09/08/2002				0.36	2.1	20	130	380	310	100
NA07	SD0017	08/08/2001	1	3.4	460	0.21	1.6	18	100	210	210	92
NA07	SD0018	08/08/2001	2	4.2	530	0.30	1.6	19	100	260	240	110
NA08	SD0055	08/14/2001		2.7	310	0.17	0.98	6.5	45	140	150	73
NA09	SD0054	08/14/2001		2.7	290	0.14	1.1	7.2	42	130	140	67
NA10	SD0056	08/14/2001		1.9	160	0.21	0.66	3.0	22	67	78	41
NA11	SD0021	08/09/2001		2.1	190	0.14	0.73	4.5	28	77	91	47
NA12	SD0027	08/10/2001		1.6	150	0.080	0.59	3.1	31	63	70	37
NA13	SD0036	08/11/2001		2.0	173	0.13	0.52	3.1	19	73	91	47
NA13[b]	SD0120	09/11/2002				0.15	0.60	3.3	24	87	110	46

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont). 206	PCB Congeners (cont). Total[a]	PCB Homologs Monochloro biphenyl	Dichloro biphenyl	Trichloro biphenyl	Tetrachloro biphenyl	Pentachloro biphenyl	Hexachloro biphenyl	Heptachloro biphenyl
NA14	SD0051	08/14/2001		1.4	128	0.086	0.50	2	13	54	67	34
NA15	SD0037	08/12/2001		4.4	340	0.45	1.3	6.3	46	140	160	86
NA16	SD0038	08/12/2001		3.9	590	0.35	1.4	7.5	89	330	260	100
NA16[b]	SD0099	09/08/2002	1			0.16	1.1	8.3	53	190	200	87
NA16[b]	SD0100	09/08/2002	2			0.19	0.97	6.1	40	160	180	73
NA17	SD0039	08/12/2001		3.7	550	0.23	1.5	9.0	77	310	250	94
NA17[b]	SD0097	09/08/2002				0.16	1.0		48	170	180	72
NA18	SD0053	08/14/2001		2.6	350	0.19	1.0	6.2	50	180	170	66
NA19	SD0042	08/12/2001		3.8	990	0.24	1.6	11	150	610	450	120
NA20	SD0028	08/10/2001		0.81	120	0.036	0.61	4.2	22	50	55	28
NA21	SD0050	08/14/2001		1.9	177	0.16	0.69	3.7	23	76	89	48
NA22	SD0052	08/14/2001		1.5	180	0.14	0.88	6.7	31	78	77	42
NA24	SD0094	09/08/2002		2.6	290	0.16	0.78	4.9	34	110	150	83
NA25	SD0106	09/09/2002		1.1	83	0.060	0.35	1.4	9.1	31	43	23
NA26	SD0116	09/11/2002		1.4	180	0.063	0.45	2.6	24	99	85	31
NA27	SD0301	10/02/2002		2.3	210	0.18	0.92	4.7	25	76	110	60
NA28	SD0300	10/02/2002		2.2	180	0.16	0.83	4.1	23	66	92	50
NA29	SD0119	09/11/2002		2.1	190	0.16	0.59	3.1	23	84	90	46
NA30	SD0115	09/11/2002		1.8	100	0.13	0.66	5.5	11	40	51	28
NA31	SD0105	09/09/2002		1.0	68	0.025 *U*	0.22	1.1	7.9	27	34	18
Southwest Marine												
SW01	SD0001	08/06/2001		9.4	1,600	3.0	12	210	640	740	490	200
SW01[b]	SD0137	09/14/2002				0.56	4.8	110	450	910	660	210
SW02	SD0005	08/06/2001	1	26	5,600	4.3	22	370	1,800	3,300	2,000	550
SW02	SD0006	08/06/2001	2	37	5,300	2.7	17	360	1,900	2,900	1,800	510
SW02[b]	SD0138	09/14/2002				1.6	23	580	2,700	3,300	1,700	480
SW03	SD0009	08/07/2001		2.1	410	0.35	1.2	12	82	230	170	68
SW04	SD0012	08/07/2001		16	4,000	12	36	230	1,000	2,500	1,500	410
SW04[b]	SD0112	09/10/2002				1.7	11	150	800	1,800	1,300	410
SW05	SD0003	08/06/2001		12	1,200	0.79	5.8	88	400	640	450	140
SW06	SD0002	08/06/2001		7.2	380	0.099	3.0	60	140	160	130	55
SW07	SD0004	08/06/2001		2.9	170	0.12	0.48	3.6	27	74	75	37
SW08	SD0016	08/08/2001		9.3	2,100	1.5	8.1	120	580	1,100	780	300
SW08[b]	SD0133	09/13/2002				5.1	9.4	87	410	910	710	250
SW09	SD0007	08/06/2001		6.0	710	0.62	5.7	88	260	310	250	110
SW10	SD0008	08/06/2001		3.6	610	0.47	10	120	240	290	180	64
SW11	SD0048	08/13/2001		2.3	200	0.099	0.70	5.9	29	82	94	49

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Congeners (cont). 206	PCB Congeners (cont). Total[a]	PCB Homologs Monochloro biphenyl	Dichloro biphenyl	Trichloro biphenyl	Tetrachloro biphenyl	Pentachloro biphenyl	Hexachloro biphenyl	Heptachloro biphenyl
SW12	SD0010	08/07/2001		1.4	155	0.11	0.60	3.0	21	74	77	34
SW12[b]	SD0111	09/10/2002				0.066	0.66	3.2	22	83	85	33
SW13	SD0022	08/09/2001		5.4	490	0.32	1.4	13	88	210	240	120
SW14	SD0024	08/10/2001		3.5	400	0.39	1.1	9.1	58	160	200	110
SW15	SD0023	08/10/2001		3.3	380	0.17	1.3	23	85	160	160	81
SW16	SD0025	08/10/2001		3.7	430	0.24	1.2	9.8	70	180	210	110
SW17	SD0047	08/13/2001		5.4	540	0.25	1.2	13	98	220	320	180
SW18	SD0046	08/13/2001		4.6	440	0.24	1.6	13	63	190	220	130
SW19	SD0011	08/07/2001		1.1	94	0.030	0.34	1.9	13	37	48	25
SW20	SD0059	08/15/2001		9.9	1,600	0.31	1.2	21	250	430	930	750
SW21	SD0019	08/09/2001		17	2,400	0.24	1.6	26	310	610	1,400	1,000
SW22	SD0060	08/15/2001		6.3	900	0.23	1.4	22	160	320	470	320
SW23	SD0058	08/15/2001		7.1	1,000	0.36	1.3	15	150	360	550	370
SW24	SD0015	08/08/2001		6.3	950	0.17	1.0	13	140	300	510	360
SW24[b]	SD0113	09/10/2002				0.18	1.4	13	130	300	600	430
SW25	SD0057	08/15/2001		4.5	350	0.57	1.3	9.3	54	130	170	110
SW25[b]	SD0114	09/10/2002				0.55	1.3	7.9	52	120	180	95
SW26	SD0014	08/08/2001		1.3	293	0.14	0.75	3.7	48	180	134	40
SW27	SD0045	08/13/2001		2.0	200	0.14	0.63	4.2	27	90	110	66
SW28	SD0029	08/11/2001		10	2,100	0.38	1.5	10	100	420	1,200	980
SW28[b]	SD0121	09/11/2002				0.24	1.5	9.9	88	370	890	670
SW29	SD0110	09/09/2002		4.2	820	1.8	3.1	21	170	460	360	110
SW30	SD0135	09/14/2002		10	380	0.27	1.4	7.7	55	190	180	65
SW31	SD0122	09/11/2002		0.62	66	0.025 *U*	0.23	1.3	8.3	33	31	14
SW32	SD0108	09/09/2002		1.9	160	0.21	0.62	2.0	18	71	84	35
SW33	SD0118	09/11/2002		1.6	100	0.12	0.49	1.6	8.2	36	55	32
SW34	SD0117	09/11/2002		1.5	130	0.10	0.46	2.2	14	55	62	31
SW36	SD0180	11/07/2002		2.2	200	0.16	0.74	4.2	28	73	100	53

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Homologs (cont.) Octachloro biphenyl	Nonachloro biphenyl	Decachloro biphenyl	Total[a]
Reference							
2229	SD0103	09/09/2002		1.8	0.83	1.3	36
2230	SD0104	09/09/2002		0.96	0.38	0.33	19
2231	SD0013	08/08/2001		8.5	3.1	1.7	120
2231	SD0134	09/14/2002		5.3	2.3	1.9	98.4
2240	SD0125	09/12/2002		4.7	2.5	2.5	86
2241	SD0128	09/12/2002		0.97	0.41	0.30	19
2243	SD0049	08/14/2001		1.6	0.44	0.52	32
2243	SD0124	09/12/2002		1.8	0.69	0.56	52
2244	SD0126	09/12/2002	1	1.5	0.56	0.47	35
2244	SD0127	09/12/2002	2	1.7	0.64	0.47	33
2265	SD0107	09/09/2002		2.5	0.96	0.73	52
2433	SD0041	08/12/2001		1.5	0.46	0.45	31
2433	SD0130	09/13/2002		1.5	0.63	0.47	35
2435	SD0102	09/09/2002		0.48	0.24	0.30	9.9
2440	SD0043	08/13/2001		6.4	1.5	0.99	180
2440	SD0131	09/13/2002		3.8	1.4	0.85	130
2441	SD0034	08/11/2001		0.64	0.18	0.19	15
2441	SD0123	09/12/2002		0.85	0.41	0.32	22
NASSCO							
NA01	SD0030	08/11/2001	1	23	7.1	4.7	530
NA01	SD0031	08/11/2001	2	25	6.8	3.5	520
NA01[b]	SD0136	09/14/2002		18	6.5	4.4	540
NA02	SD0033	08/11/2001		13	3.4	2.9	299
NA03	SD0032	08/11/2001		29	16	7.2	520
NA04	SD0035	08/11/2001		16	3.7	2.9	350
NA05	SD0044	08/13/2001		11	2.7	2.5	250
NA06	SD0020	08/09/2001		24	6.6	3.8	900
NA06[b]	SD0101	09/08/2002		19	6.9	2.9	970
NA07	SD0017	08/08/2001	1	23	4.7	2.7	660
NA07	SD0018	08/08/2001	2	29	5.7	3.4	760
NA08	SD0055	08/14/2001		17	3.8	3.0	430
NA09	SD0054	08/14/2001		16	3.8	3.4	410
NA10	SD0056	08/14/2001		10	2.7	2.4	230
NA11	SD0021	08/09/2001		13	3.0	2.3	270
NA12	SD0027	08/10/2001		10.0	2.3	2.1	220
NA13	SD0036	08/11/2001		11	3.2	3.3	250
NA13[b]	SD0120	09/11/2002		9.8	3.7	2.8	280

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Homologs (cont.) Octachloro biphenyl	Nonachloro biphenyl	Decachloro biphenyl	Total[a]
NA14	SD0051	08/14/2001		7.8	2.3	2.4	183
NA15	SD0037	08/12/2001		27	6.0	3.1	480
NA16	SD0038	08/12/2001		21	5.3	3.6	810
NA16[b]	SD0099	09/08/2002	1	17	5.3	3.3	560
NA16[b]	SD0100	09/08/2002	2	16	5.4	3.2	480
NA17	SD0039	08/12/2001		19	4.9	3.7	760
NA17[b]	SD0097	09/08/2002		13	4.5	2.9	480
NA18	SD0053	08/14/2001		15	3.8	3.2	490
NA19	SD0042	08/12/2001		18	5.2	3.7	1,400
NA20	SD0028	08/10/2001		6.2	1.2	0.96	170
NA21	SD0050	08/14/2001		11	2.9	2.5	257
NA22	SD0052	08/14/2001		9.9	2.1	1.9	250
NA24	SD0094	09/08/2002		16	4.6	2.7	410
NA25	SD0106	09/09/2002		5.1	2.1	1.8	120
NA26	SD0116	09/11/2002		6.3	2.4	1.8	250
NA27	SD0301	10/02/2002		12	4.0	3.3	290
NA28	SD0300	10/02/2002		12	3.8	5.1	260
NA29	SD0119	09/11/2002		9.5	3.6	2.6	260
NA30	SD0115	09/11/2002		8.1	3.1	2.3	150
NA31	SD0105	09/09/2002		4.0	1.8	1.6	96
Southwest Marine							
SW01	SD0001	08/06/2001		65	11	1.7	2,400
SW01[b]	SD0137	09/14/2002		41	8.6	2.3	2,400
SW02	SD0005	08/06/2001	1	150	32	5.0	8,100
SW02	SD0006	08/06/2001	2	150	46	8.0	7,600
SW02[b]	SD0138	09/14/2002		100	24	5.7	8,800
SW03	SD0009	08/07/2001		13	3.0	2.6	580
SW04	SD0012	08/07/2001		110	20	3.2	5,800
SW04[b]	SD0112	09/10/2002		95	35	7.0	4,600
SW05	SD0003	08/06/2001		54	14	2.6	1,800
SW06	SD0002	08/06/2001		24	8.3	2.6	580
SW07	SD0004	08/06/2001		13	3.7	1.9	230
SW08	SD0016	08/08/2001		69	12	4.1	3,000
SW08[b]	SD0133	09/13/2002		46	13	4.0	2,400
SW09	SD0007	08/06/2001		31	7.8	4.1	1,100
SW10	SD0008	08/06/2001		19	4.5	1.6	930
SW11	SD0048	08/13/2001		13	3.2	2.5	280

Table B1-8. (cont.)

Station	Sample Number	Date	Field Split	PCB Homologs (cont.) Octachloro biphenyl	Nonachloro biphenyl	Decachloro biphenyl	Total[a]
SW12	SD0010	08/07/2001		8.5	2.2	1.9	222
SW12[b]	SD0111	09/10/2002		7.2	2.7	1.8	240
SW13	SD0022	08/09/2001		31	7.3	3.9	710
SW14	SD0024	08/10/2001		27	4.8	2.7	570
SW15	SD0023	08/10/2001		21	4.6	3.1	540
SW16	SD0025	08/10/2001		26	5.0	2.9	610
SW17	SD0047	08/13/2001		43	7.3	3.9	880
SW18	SD0046	08/13/2001		28	6.8	6.2	660
SW19	SD0011	08/07/2001		6.3	1.8	1.8	135
SW20	SD0059	08/15/2001		170	13	2.6	2,600
SW21	SD0019	08/09/2001		250	22	4.1	3,600
SW22	SD0060	08/15/2001		72	8.4	3.6	1,400
SW23	SD0058	08/15/2001		82	9.6	3.3	1,500
SW24	SD0015	08/08/2001		87	8.3	2.9	1,400
SW24[b]	SD0113	09/10/2002		77	11	3.0	1,600
SW25	SD0057	08/15/2001		28	6.2	3.0	510
SW25[b]	SD0114	09/10/2002		19	5.9	3.7	490
SW26	SD0014	08/08/2001		8.1	2.0	1.7	418
SW27	SD0045	08/13/2001		14	2.9	2.6	320
SW28	SD0029	08/11/2001		200	13	2.7	3,000
SW28[b]	SD0121	09/11/2002		120	14	3.9	2,200
SW29	SD0110	09/09/2002		20	6.9	2.1	1,200
SW30	SD0135	09/14/2002		17	17	9.3	540
SW31	SD0122	09/11/2002		3.1	1.1	0.68	93
SW32	SD0108	09/09/2002		7.9	3.4	3.1	230
SW33	SD0118	09/11/2002		7.3	3.0	2.5	150
SW34	SD0117	09/11/2002		6.9	2.7	2.2	180
SW36	SD0180	11/07/2002		13	3.8	3.9	282

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results reported as ng/g dry weight.

U - undetected at quantitation limit shown

[a] Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[b] This sample was collected for the pore water study and was analyzed for PCB homologs only.

Table B1-9. Petroleum hydrocarbon results for surface sediment samples

Station	Sample Number	Date	Field Split	Gasoline-Range Organics	Diesel-Range Organics	Residual-Range Organics	Total Petroleum Hydrocarbons[a]
Reference							
2229	SD0103	09/09/2002		7.3 *U*	69 *U*	280 *U*	180 *U*
2230	SD0104	09/09/2002		7.3 *U*	68 *U*	280 *U*	180 *U*
2231	SD0013	08/08/2001		12 *U*	120 *U*	460 *U*	300 *U*
2231	SD0134	09/14/2002			120 *U*	470 *U*	300 *U*
2240	SD0125	09/12/2002		12 *U*	120 *U*	460 *U*	300 *U*
2241	SD0128	09/12/2002		6.8 *U*	63 *U*	260 *U*	160 *U*
2243	SD0049	08/14/2001		7.9 *U*	68 *U*	280 *U*	180 *U*
2243	SD0124	09/12/2002			75 *U*	300 *U*	190 *U*
2244	SD0126	09/12/2002	1	6.9 *U*	77 *U*	310 *U*	200 *U*
2244	SD0127	09/12/2002	2	7.6 *U*	74 *U*	300 *U*	190 *U*
2265	SD0107	09/09/2002		8.3 *U*	78 *U*	320 *U*	200 *U*
2433	SD0041	08/12/2001		7.9 *U*	46 *U*	190 *U*	120 *U*
2433	SD0130	09/13/2002			79 *U*	320 *U*	200 *U*
2435	SD0102	09/09/2002		6.7 *U*	64 *U*	260 *U*	170 *U*
2440	SD0043	08/13/2001		8.2 *U*	160 *JN*	570 *JN*	730 *JN*
2440	SD0131	09/13/2002			97 *JN*	350 *JN*	450 *JN*
2441	SD0034	08/11/2001		8.9 *U*	52 *U*	210 *U*	140 *U*
2441	SD0123	09/12/2002			96 *U*	390 *U*	240 *U*
NASSCO							
NA01	SD0030	08/11/2001	1	15 *U*	180 *JN*	530 *JN*	720 *JN*
NA01	SD0031	08/11/2001	2	15 *UJ*	200 *JN*	580 *JN*	790 *JN*
NA02	SD0033	08/11/2001			150 *JN*	560 *U*	430 *JN*
NA03	SD0032	08/11/2001		15 *U*	220 *JN*	620 *JN*	850 *JN*
NA04	SD0035	08/11/2001		15 *U*	240	800	1,000
NA05	SD0044	08/13/2001		12 *U*	110 *U*	420 *U*	270 *U*
NA06	SD0020	08/09/2001		14 *U*	270 *JN*	790 *JN*	1,100 *JN*
NA07	SD0017	08/08/2001	1	14 *U*	220 *JN*	680 *JN*	910 *JN*
NA07	SD0018	08/08/2001	2	14 *U*	230 *JN*	700 *JN*	940 *JN*
NA08	SD0055	08/14/2001		16 *U*	190 *JN*	720 *JN*	920 *JN*
NA09	SD0054	08/14/2001		17 *U*	230 *JN*	730 *JN*	970 *JN*
NA10	SD0056	08/14/2001		12 *U*	110 *JN*	420 *U*	330 *JN*
NA11	SD0021	08/09/2001		13 *U*	190 *JN*	570 *JN*	770 *JN*
NA12	SD0027	08/10/2001		12 *U*	110 *JN*	380 *JN*	500 *JN*
NA13	SD0036	08/11/2001			240 *JN*	1,000 *JN*	1,200 *JN*
NA14	SD0051	08/14/2001			170 *JN*	850 *JN*	1,000 *JN*
NA15	SD0037	08/12/2001		13 *U*	210 *JN*	610 *JN*	830 *JN*
NA16	SD0038	08/12/2001		14 *U*	280 *JN*	780 *JN*	1,100 *JN*
NA17	SD0039	08/12/2001		15 *U*	270 *JN*	820 *JN*	1,100 *JN*
NA18	SD0053	08/14/2001		14 *U*	180 *JN*	580 *JN*	770 *JN*
NA19	SD0042	08/12/2001		14 *U*	170 *JN*	510 *JN*	690 *JN*
NA20	SD0028	08/10/2001		9.4 *U*	150 *JN*	550 *JN*	700 *JN*
NA21	SD0050	08/14/2001			280 *JN*	1,200 *JN*	1,500 *JN*
NA22	SD0052	08/14/2001		9.6 *U*	240 *JN*	920 *JN*	1,200 *JN*
NA23	SD0095	09/08/2002		14 *U*	240 *JN*	690 *JN*	940 *JN*
NA24	SD0094	09/08/2002		13 *U*	140 *JN*	500 *JN*	650 *JN*
NA25	SD0106	09/09/2002		10 *U*	99 *U*	400 *U*	250 *U*
NA26	SD0116	09/11/2002		11 *U*	110 *U*	420 *U*	270 *U*
NA27	SD0301	10/02/2002		20 *U*	400 *JN*	1,500 *JN*	1,900 *JN*
NA28	SD0300	10/02/2002		18 *U*	510 *JN*	1,900 *JN*	2,400 *JN*
NA29	SD0119	09/11/2002		13 *U*	150 *JN*	450 *JN*	610 *JN*

Table B1-9. (cont.)

Station	Sample Number	Date	Field Split	Gasoline-Range Organics	Diesel-Range Organics	Residual-Range Organics	Total Petroleum Hydrocarbons[a]
NA30	SD0115	09/11/2002		11 *U*	100 *U*	400 *U*	260 *U*
NA31	SD0105	09/09/2002		11 *U*	89 *U*	360 *U*	230 *U*
Southwest Marine							
SW01	SD0001	08/06/2001		8.6 *U*	290 *JN*	580	870 *JN*
SW02	SD0005	08/06/2001	1	13 *U*	1,100 *JN*	1,800	2,900 *JN*
SW02	SD0006	08/06/2001	2	13 *U*	1,200 *JN*	1,800	3,000 *JN*
SW03	SD0009	08/07/2001		13 *U*	200 *JN*	560	770 *JN*
SW04	SD0012	08/07/2001		9.2 *U*	230 *JN*	550	780 *JN*
SW05	SD0003	08/06/2001		11 *U*	470 *JN*	830	1,300 *JN*
SW06	SD0002	08/06/2001		14 *U*	300 *JN*	560	870 *JN*
SW07	SD0004	08/06/2001		12 *U*	110 *U*	440 *U*	280 *U*
SW08	SD0016	08/08/2001		17 *U*	490 *JN*	1,300 *JN*	1,800 *JN*
SW09	SD0007	08/06/2001		12 *UJN*	190 *JN*	470	670 *JN*
SW10	SD0008	08/06/2001		9.5 *U*	400 *JN*	590	990 *JN*
SW11	SD0048	08/13/2001		14 *U*	140 *U*	540 *U*	350 *U*
SW12	SD0010	08/07/2001			110 *U*	440 *U*	280 *U*
SW13	SD0022	08/09/2001		15 *UJ*	290 *JN*	830 *JN*	1,100 *JN*
SW14	SD0024	08/10/2001		14 *U*	220 *JN*	660 *JN*	890 *JN*
SW15	SD0023	08/10/2001		15 *U*	250 *JN*	670 *JN*	930 *JN*
SW16	SD0025	08/10/2001		12 *U*	460 *JN*	950 *JN*	1,400 *JN*
SW17	SD0047	08/13/2001		15 *U*	240 *JN*	810 *JN*	1,100 *JN*
SW18	SD0046	08/13/2001		15 *U*	150 *JN*	560 *U*	440 *JN*
SW19	SD0011	08/07/2001			96 *U*	390 *U*	240 *U*
SW20	SD0059	08/15/2001		13 *U*	270 *JN*	730 *JN*	1,000 *JN*
SW21	SD0019	08/09/2001		13 *U*	520 *JN*	1,000 *JN*	1,500 *JN*
SW22	SD0060	08/15/2001		15 *U*	400 *JN*	1,000 *JN*	1,400 *JN*
SW23	SD0058	08/15/2001		15 *U*	330 *JN*	900 *JN*	1,200 *JN*
SW24	SD0015	08/08/2001		12 *U*	390 *JN*	930 *JN*	1,300 *JN*
SW25	SD0057	08/15/2001		13 *U*	230 *JN*	640 *JN*	880 *JN*
SW26	SD0014	08/08/2001			120 *JN*	530 *JN*	650 *JN*
SW27	SD0045	08/13/2001		15 *U*	170 *JN*	550 *U*	450 *JN*
SW28	SD0029	08/11/2001		15 *U*	240 *JN*	660 *JN*	910 *JN*
SW29	SD0110	09/09/2002		9.7 *U*	280 *JN*	530 *JN*	810 *JN*
SW30	SD0135	09/14/2002		15 *U*	150 *JN*	530 *U*	420 *JN*
SW31	SD0122	09/11/2002		8.3 *U*	77 *U*	310 *U*	200 *U*
SW32	SD0108	09/09/2002		14 *U*	140 *U*	530 *U*	340 *U*
SW33	SD0118	09/11/2002		15 *U*	140 *U*	560 *U*	360 *U*
SW34	SD0117	09/11/2002		12 *U*	110 *U*	420 *U*	270 *U*
SW36	SD0180	11/07/2002		16 *U*	220 *JN*	620 *U*	860 *JN*

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results are reported as mg/kg dry weight.

J - estimated
N - tentatively identified; chromatograms did not match standards for these compounds
U - undetected at quantitation limit shown

[a] Total petroleum hydrocarbons is computed as the sum of diesel-range organics, residual-range organics, and gasoline-range organics. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

Table B1-10. Organochlorine pesticide results for surface sediment samples

Station	Sample Number	Date	Field Split	α-Hexachloro-cyclohexane	β-Hexachloro-cyclohexane	δ-Hexachloro-cyclohexane	γ-Hexachloro-cyclohexane	Aldrin	α-Chlordane	γ-Chlordane
NASSCO										
NA04	SD0096	9/8/2002		3.9 *U*	2.7 *U*	6.0 *U*	2.7 *U*	2.7 *U*	2.7 *U*	5.4
NA11	SD0098	9/8/2002		3.7 *U*	2.6 *U*	5.8 *U*	2.6 *U*	2.6 *U*	2.6 *U*	4.5 *U*
NA22	SD0129	9/12/2002	1	2.4 *U*	1.7 *U*	3.7 *U*	1.7 *U*	1.7 *U*	8.1	13
Southwest Marine										
SW04	SD0112	9/10/2002		3.1 *U*	2.2 *U*	4.8 *U*	2.2 *U*	2.2 *U*	2.9 *U*	20 *U*

Table B1-10. (cont.)

Station	Sample Number	Date	Field Split	Dieldrin	α-Endosulfan	β-Endosulfan	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor epoxide
NASSCO											
NA04	SD0096	9/8/2002		2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	3.0 *U*	2.7 *U*	4.4 *U*
NA11	SD0098	9/8/2002		2.6 *U*	2.6 *U*	2.6 *U*	2.6 *U*	2.6 *U*	2.9 *U*	2.6 *U*	4.2 *U*
NA22	SD0129	9/12/2002	1	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.8 *U*	1.7 *U*	2.7 *U*
Southwest Marine											
SW04	SD0112	9/10/2002		12 *U*	4.1 *U*	2.2 *U*	2.2 *U*	6.3	3.9 *U*	2.2 *U*	3.5 *U*

Table B1-10. (cont.)

Station	Sample Number	Date	Field Split	Heptachlor	Methoxy-chlor	Toxaphene	4,4'-DDD	4,4'-DDE	4,4'-DDT
NASSCO									
NA04	SD0096	9/8/2002		2.7 *U*	4.8 *U*	430 *U*	2.7 *U*	2.7 *U*	9.3
NA11	SD0098	9/8/2002		2.6 *U*	4.6 *U*	380 *U*	2.6 *U*	2.6 *U*	15
NA22	SD0129	9/12/2002	1	1.7 *U*	3.0 *U*	440 *U*	8.2	9.5	12
Southwest Marine									
SW04	SD0112	9/10/2002		2.2 *U*	4.6 *U*	660 *U*	4.3	4.6 *U*	75

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results are reported as µg/kg dry weight.

U - undetected at quantitation limit shown

Table B1-11. Organophosphorous pesticide results for surface sediment samples

Station	Sample Number	Date	Field Split	Bolstar	Chlorpyrifos	Couma-phos	Demeton	Diazinon	Dichlorvos	Dimeth-oate	Disulfoton	EPN	Ethoprop
NASSCO													
NA04	SD0096	09/08/2002		3.3 *U*	3.3 *U*	6.6 *U*	6.7 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*
NA11	SD0098	09/08/2002		3.0 *U*	3.0 *U*	5.9 *U*	6.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*
NA22	SD0129	09/12/2002	1	2.1 *U*	2.1 *U*	4.1 *U*	4.2 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
NA22	SD0132	09/12/2002	2	2.1 *U*	2.1 *U*	4.2 *U*	4.2 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
Southwest Marine													
SW04	SD0112	09/10/2002		3.0 *U*	3.0 *U*	6.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*

Table B1-11. (cont.)

Station	Sample Number	Date	Field Split	Fensulfo-thion	Fenthion	Guthion	Malathion	Merphos	Methyl Parathion	Meviphos	Parathion	Phorate	Ronnel
NASSCO													
NA04	SD0096	09/08/2002		3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*
NA11	SD0098	09/08/2002		3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*
NA22	SD0129	09/12/2002	1	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
NA22	SD0132	09/12/2002	2	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
Southwest Marine													
SW04	SD0112	09/10/2002		3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*

Table B1-11. (cont.)

Station	Sample Number	Date	Field Split	Stirophos	Sulfotep	Tokuthion	Trichloro-nate
NASSCO							
NA04	SD0096	09/08/2002		3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*
NA11	SD0098	09/08/2002		3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*
NA22	SD0129	09/12/2002	1	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
NA22	SD0132	09/12/2002	2	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
Southwest Marine							
SW04	SD0112	09/10/2002		3.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*

Note: All surface sediment samples were collected from a depth interval of 0–2 cm.

All results are reported as mg/kg dry weight.

U - undetected at quantitation limit shown

Appendix B2

Sediment Core Chemistry

Contents

Table B2-1. Conventional results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Total Solids (percent)	Total Organic Carbon (percent)
NASSCO							
NA01	SD0141	09/18/2002		0	2	41.9	2.99
NA01	SD0142	09/18/2002	1	2	4	43.0	3.41
NA01	SD0146	09/18/2002	2	2	4	43.7	3.66
NA01	SD0143	09/18/2002		5	5.5	49.5	2.24
NA02	SD0139	09/18/2002		0	2	52.5	1.30
NA02	SD0140	09/18/2002		2	3.7	76.8	0.46
NA04	SD0084	09/04/2002		0	2	47.7	1.82
NA04	SD0085	09/04/2002		2	4	45.5	2.46
NA04	SD0086	09/04/2002		4	6	43.9	3.27
NA04	SD0087	09/04/2002		6	8.3	50.1	3.51
NA06	SD0068	09/03/2002		0	2	48.9	1.55
NA06	SD0069	09/03/2002		2	3.9	78.6	0.42
NA09	SD0079	09/04/2002		0	2	46.7	2.17
NA09	SD0080	09/04/2002		2	4	46.2	3.72
NA09	SD0081	09/04/2002		4	6	48.7	3.82
NA09	SD0082	09/04/2002		6	8	57.6	1.26
NA09	SD0083	09/04/2002		8	8.8	63.3	
NA13	SD0156	09/20/2002		0	2	68.0	0.60
NA13	SD0157	09/20/2002		2	3	82.2	0.055
NA16	SD0075	09/04/2002		0	2	44.5	2.68
NA16	SD0076	09/04/2002	1	2	4	48.5	2.76
NA16	SD0078	09/04/2002	2	2	4	47.7	2.97
NA16	SD0077	09/04/2002		4	6.1	54.7	1.61
NA17	SD0088	09/04/2002		0	2	36.0	2.13
NA17	SD0089	09/04/2002		2	4	68.5	1.00
NA17	SD0090	09/04/2002		4	5.1	83.6	0.16
NA19	SD0065	09/03/2002		0	2	42.3	1.72
NA19	SD0066	09/03/2002		2	4	70.5	1.33
NA19	SD0067	09/03/2002		4	5.8	73.8	0.77
NA20	SD0070	09/04/2002		0	2	52.2	1.63
NA20	SD0071	09/04/2002		2	4	49.5	2.02
NA20	SD0072	09/04/2002	1	4	6	61.6	1.26
NA20	SD0074	09/04/2002	2	4	6	60.1	1.28
NA20	SD0073	09/04/2002		6	8.1	62.6	1.01
NA21	SD0158	09/21/2002		0	2	43.4	2.76
NA21	SD0159	09/21/2002		2	4	49.1	2.07
NA21	SD0160	09/21/2002		4	6	69.2	0.62
NA21	SD0161	09/21/2002		6	7.6	85.5	0.19
NA23	SD0091	09/04/2002		0	2	34.7	2.12
NA23	SD0092	09/04/2002		2	4	62.8	3.28
NA23	SD0093	09/04/2002		4	4.7	87.2	
NA24	SD0165	09/21/2002		0	2	38.8	1.12
NA24	SD0166	09/21/2002		2	4	77.2	0.10
NA25	SD0153	09/20/2002		0	2	69.5	0.37
NA25	SD0154	09/20/2002		2	4	79.4	0.050
NA25	SD0155	09/20/2002		4	5.2	83.8	0.080
NA26	SD0147	09/19/2002		0	2	69.4	0.42

Table B2-1. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Total Solids (percent)	Total Organic Carbon (percent)
NA26	SD0148	09/19/2002		2	4	78.1	0.090
NA26	SD0149	09/19/2002		4	6	84.6	0.050 *U*
NA26	SD0150	09/19/2002		6	7.5	83.8	0.090
NA29	SD0162	09/21/2002		0	2	62.4	0.91
NA29	SD0163	09/21/2002	1	2	4.4	82.8	0.14
NA29	SD0164	09/21/2002	2	2	4.4	82.6	0.070
NA30	SD0151	09/20/2002		0	2	61.4	0.63
NA30	SD0152	09/20/2002		2	3.4	82.1	0.16
NA31	SD0144	09/19/2002		0	2	78.5	0.050 *U*
NA31	SD0145	09/19/2002		2	3	85.1	0.050 *U*
Southwest Marine							
SW01	SD0001	08/13/2002		0	2	61.6	1.12
SW01	SD0002	08/13/2002		2	4	72.9	0.62
SW01	SD0003	08/13/2002		4	5.4	78.6	0.28
SW02	SD0027	08/27/2002		0	2	55.3	2.20
SW02	SD0028	08/27/2002		2	4	73.6	0.89
SW02	SD0037	08/27/2002		4	4.9	83.4	
SW04	SD0025	08/27/2002		0	2	68.1	0.91
SW04	SD0026	08/27/2002		2	4.1	70.1	1.79
SW08	SD0033	08/28/2002	1	0	2	56.0	1.66
SW08	SD0040	08/28/2002	2	0	2	55.5	1.32
SW08	SD0038	08/28/2002		2	4	75.6	1.12
SW08	SD0039	08/28/2002		4	6	83.0	0.12
SW08	SD0048	08/28/2002		6	6.5	83.9	
SW10	SD0041	08/28/2002		0	2	61.1	0.73
SW10	SD0042	08/28/2002		2	2.9	83.5	0.050 *U*
SW12	SD0020A	08/27/2002		0	2	50.1	0.92
SW12	SD0021	08/27/2002		2	3.7	78.5	0.20
SW17	SD0017	08/26/2002		0	2	38.1	2.27
SW17	SD0018	08/26/2002		2	4	56.7	1.07
SW17	SD0019	08/26/2002		4	6.2	74.0	0.20
SW19	SD0029	08/28/2002		0	2	52.2	1.03
SW19	SD0030	08/28/2002		2	4	74.1	0.47
SW19	SD0031	08/28/2002		4	5.4	79.5	0.12
SW20	SD0004	08/13/2002		0	1.5	59.0	1.19
SW20	SD0005	08/13/2002		1.5	2.4	81.1	0.15
SW24	SD0006	08/13/2002		0	2	51.9	2.71
SW24	SD0007	08/13/2002		2	3	77.3	0.54
SW25	SD0008	08/13/2002		0	2	62.4	0.65
SW25	SD0009	08/13/2002		2	4.2	58.5	1.08
SW27	SD0014	08/14/2002	1	0	2	55.5	1.31
SW27	SD0016	08/14/2002	2	0	2	51.5	1.31
SW27	SD0015	08/14/2002		2	4.25	75.6	0.37
SW27	SD0013	08/14/2002		5.3	5.6	82.6	0.15
SW28	SD0010	08/14/2002		0	2	49.2	2.35
SW28	SD0011	08/14/2002		2	4	59.8	2.47
SW28	SD0012	08/14/2002		4	5.3	63.9	1.14
SW29	SD0043	08/28/2002		0	2	67.2	0.91

Table B2-1. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Total Solids (percent)	Total Organic Carbon (percent)
SW29	SD0044	08/28/2002		2	4	77.7	0.23
SW29	SD0045	08/28/2002		4	6	77.7	0.30
SW29	SD0046	08/28/2002		6	7	83.2	0.27
SW30	SD0055	08/29/2002		0	2	40.2	2.35
SW30	SD0056	08/29/2002		2	4	35.8	3.26
SW30	SD0057	08/29/2002		4	6	54.3	1.34
SW30	SD0058	08/29/2002		6	8	70.3	0.39
SW30	SD0060	08/29/2002		8	8.7	80.9	
SW31	SD0024	08/27/2002		0	2	71.6	0.30
SW31	SD0034	08/27/2002		2	2.9	78.3	
SW32	SD0051	08/29/2002		0	2	54.6	1.09
SW32	SD0059	08/29/2002		2	2.8	85.5	0.92
SW33	SD0032	08/28/2002		0	2	62.9	0.67
SW33	SD0047	08/28/2002		2	2.5	88.3	
SW34	SD0052	08/29/2002	1	0	2	66.8	0.73
SW34	SD0054	08/29/2002	2	0	2	60.9	0.73
SW34	SD0053	08/29/2002		2	2.8	79.1	
SW36	SD0022	08/27/2002		0	2	36.2	2.11
SW36	SD0023	08/27/2002		2	4.3	49.3	1.41

Note: Total solids data are provided on a wet weight basis. Total organic carbon data are provided on a dry weight basis.

U - undetected at quantitation limit shown

Table B2-2. Grain-size results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
NASSCO													
NA01	SD0141	09/18/2002		0	2	0.12	0.13	0.22	1.0	4.5	9.5	43	39
NA01	SD0142	09/18/2002	1	2	4	0	0.14	0.15	0.63	2.1	4.5	43	47
NA01	SD0146	09/18/2002	2	2	4	0.07	0.13	0.15	0.52	2.0	4.9	43	47
NA01	SD0143	09/18/2002		5	5.5	0.01	0.11	0.14	0.41	2.5	6.2	42	47
NA02	SD0139	09/18/2002		0	2	4.3	3.1	3.5	5.9	11	9.9	30	29
NA02	SD0140	09/18/2002		2	3.7	3.7	3.0	3.7	9.6	0.58	34	19	24
NA04	SD0084	09/04/2002		0	2	0.10	1.4	1.2	2.1	7.0	9.1	43	35
NA04	SD0085	09/04/2002		2	4	4.4	0.64	0.55	0.68	1.4	2.5	42	54
NA04	SD0086	09/04/2002		4	6	1.1	0.29	0.38	0.99	2.1	2.9	41	54
NA04	SD0087	09/04/2002		6	8.3	0.45	4.5	2.3	5.0	7.1		36	40
NA06	SD0068	09/03/2002		0	2	4.0	10.0	12	13	13	6.0	20	18
NA06	SD0069	09/03/2002		2	3.9	3.6	7.9	14	19	19	13	16	6.2
NA09	SD0079	09/04/2002		0	2	0.12	0.55	1.5	4.3	8.9	9.0	41	32
NA09	SD0080	09/04/2002		2	4	0.08	0.56	0.68	1.8	3.4	6.7	41	43
NA09	SD0081	09/04/2002		4	6	1.4	2.7	2.1	2.3	4.5	4.7	38	42
NA09	SD0082	09/04/2002		6	8	0.12	1	1	0.5	3	12	38	44
NA13	SD0156	09/20/2002		0	2	5.3	5.6	11	15	19	10	14	13
NA13	SD0157	09/20/2002		2	3	0.03	0.64	1.6	3.7	41	31	11	7.9
NA16	SD0075	09/04/2002		0	2	0.43	0.54	1.2	3.5	5.8	6.1	43	39
NA16	SD0076	09/04/2002	1	2	4	15	5.8	5.8	7.1	8.6	12	38	6.7
NA16	SD0078	09/04/2002	2	2	4	0.10	0.51	0.63	0.84	1.8	5.5	41	52
NA16	SD0077	09/04/2002		4	6.1	0.10	0.33	1.1	1.7	1.6	3.1	42	51
NA17	SD0088	09/04/2002		0	2	3.3	2	3	4	8	6	48	23
NA17	SD0089	09/04/2002		2	4	41	8.5	9.1	11	0.88	14	13	10
NA17	SD0090	09/04/2002		4	5.1	13	12	19	18	14	6.3	11	7.2
NA19	SD0065	09/03/2002		0	2	3.4	4.1	4.8	7.0	11	7.2	33	31
NA19	SD0066	09/03/2002		2	4	2.7	5.3	12	21	26	5.5	13	13
NA19	SD0067	09/03/2002		4	5.8	4.7	4.5	7.4	16	37	9.1	15	7.5
NA20	SD0070	09/04/2002		0	2	15	7.5	7.5	9.1	8.9	9.7	34	7.3
NA20	SD0071	09/04/2002		2	4	0	0.66	1.1	2.8	6.0	14	41	34
NA20	SD0072	09/04/2002	1	4	6	0.22	0.45	1.1	3.8	15	15	35	28
NA20	SD0074	09/04/2002	2	4	6	0.37	0.80	1.4	4.0	15	14	35	29
NA20	SD0073	09/04/2002		6	8.1	23	1.1	2.4	10	14	9.0	21	26
NA21	SD0158	09/21/2002		0	2	0.01	0.11	0.54	1.4	3.2	4.1	47	43

Table B2-2. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
NA21	SD0159	09/21/2002		2	4	0.03	0.13	0.11	0.18	0.46	2.2	40	54
NA21	SD0160	09/21/2002		4	6	8.8	8.1	14	23	12	1.0	14	19
NA21	SD0161	09/21/2002		6	7.6	7.9	10	27	37	13	1.4	1.2	1.5
NA23	SD0091	09/04/2002		0	2	0.66	3.4	2.3	3.8	7.6	5.2	53	21
NA23	SD0092	09/04/2002		2	4	23	15	11	7.1	8.2	3.7	15	15
NA23	SD0093	09/04/2002		4	4.7								
NA24	SD0165	09/21/2002		0	2	5.8	3.6	4.4	6.9	9.4	3.6	45	22
NA24	SD0166	09/21/2002		2	4	1.7	1.9	3.2	13	58	13	4.8	3.8
NA25	SD0153	09/20/2002		0	2	0.56	0.57	1.2	5.0	60	19	6.0	8.1
NA25	SD0154	09/20/2002		2	4	2.1	0.80	1.3	11	62	19	1.9	1.6
NA25	SD0155	09/20/2002		4	5.2	19	5.3	7.2	14	40	10	1.8	1.7
NA26	SD0147	09/19/2002		0	2	29	13	12	11	11	5.1	8.3	8.6
NA26	SD0148	09/19/2002		2	4	21	28	25	14	0.08	7.8	0.94	1.2
NA26	SD0149	09/19/2002		4	6	24	26	26	13	5.9	1.3	0.93	1.0
NA26	SD0150	09/19/2002		6	7.5	37	13	15	16	10	3.3	2.9	2.3
NA29	SD0162	09/21/2002		0	2	15	4.9	6.2	12	5.8	19	20	17
NA29	SD0163	09/21/2002	1	2	4.4	1.7	1.4	2.6	26	51	7.5	4.7	4.5
NA29	SD0164	09/21/2002	2	2	4.4	2.2	1.2	2.5	25	45	10	8.0	5.9
NA30	SD0151	09/20/2002		0	2	2.2	4.0	11	18	21	11	17	15
NA30	SD0152	09/20/2002		2	3.4	30	18	19	13	0.17	11	4.7	5.4
NA31	SD0144	09/19/2002		0	2	3.3	4.0	14	21	42	13	1.6	1.7
NA31	SD0145	09/19/2002		2	3	29	6.3	14	24	17	5.7	2.5	1.8
Southwest Marine													
SW01	SD0001	08/13/2002		0	2	9.5	5	5	11	30	11	18	11
SW01	SD0002	08/13/2002		2	4	0.53	1	2	7	41	10	21	17
SW01	SD0003	08/13/2002		4	5.4	45	5	5	10	28	4	4.5	5.2
SW02	SD0027	08/27/2002		0	2	0.91	1.7	1.4	2.9	19	6.3	34	35
SW02	SD0028	08/27/2002		2	4	22	5.2	4.1	10	27	3.9	13	15
SW02	SD0037	08/27/2002		4	4.9								
SW04	SD0025	08/27/2002		0	2	6.2	3.8	5.2	13	40	8.0	12	13
SW04	SD0026	08/27/2002		2	4.1	11	4.1	10	16	20	8.3	17	15
SW08	SD0033	08/28/2002	1	0	2	0.29	0.81	2.3	9.6	20	16	33	20
SW08	SD0040	08/28/2002	2	0	2	0.45	1.0	3.0	10	19	14	37	18
SW08	SD0038	08/28/2002		2	4	1.9	1.4	5.2	21	34	20	14	4.3
SW08	SD0039	08/28/2002		4	6	24	4.1	9.7	28	24	8.4	2.0	1.4
SW08	SD0048	08/28/2002		6	6.5								

Table B2-2. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
SW10	SD0041	08/28/2002		0	2	10	23	18	7.8	5.8	5.9	19	11
SW10	SD0042	08/28/2002		2	2.9	13	32	26	9.0	3.6	2.7	8.4	5.6
SW12	SD0020A	08/27/2002		0	2	3.1	3.3	4.6	9.9	26	13	20	20
SW12	SD0021	08/27/2002		2	3.7	12	18	18	18	21	4.3	3.6	3.7
SW17	SD0017	08/26/2002		0	2	1.5	1.9	1.9	2.0	4.1	4.7	43	46
SW17	SD0018	08/26/2002		2	4	1.3	1.6	3.7	10	25	10.0	26	24
SW17	SD0019	08/26/2002		4	6.2	9.0	8.5	8.4	12	18	13	28	2.2
SW19	SD0029	08/28/2002		0	2	1.3	1.2	1.6	9.0	33	14	21	24
SW19	SD0030	08/28/2002		2	4	1.4	0.53	1.0	15	63	9.7	5.0	4.3
SW19	SD0031	08/28/2002		4	5.4	7.8	1.3	2.7	20	55	9.1	2.5	3.2
SW20	SD0004	08/13/2002		0	1.5	12	1.8	4.1	11	33	8.8	16	16
SW20	SD0005	08/13/2002		1.5	2.4	0.25	2.8	8.4	19	19	8.3	22	22
SW24	SD0006	08/13/2002		0	2	1.4	0.97	1.1	5.5	23	10	29	30
SW24	SD0007	08/13/2002		2	3	3.8	4.7	6.9	14	20	9.6	23	19
SW25	SD0008	08/13/2002		0	2	12	9.8	11	11	13	8.3	20	16
SW25	SD0009	08/13/2002		2	4.2	12	13	13	7.5	6.2	6.1	25	21
SW27	SD0014	08/14/2002	1	0	2	4.8	4.1	7.6	11	15	11	23	24
SW27	SD0016	08/14/2002	2	0	2	4.5	5.4	9.2	12	15	11	21	23
SW27	SD0015	08/14/2002		2	4.3	3.8	4.9	9.4	11	12	17	25	15
SW27	SD0013	08/14/2002		5.3	5.6	2.7	3.4	6.7	8.6	13	25	26	13
SW28	SD0010	08/14/2002		0	2	5.0	1.3	1.7	5.8	13	6.4	30	27
SW28	SD0011	08/14/2002		2	4	22	7.9	6.7	7.7	12	6.6	20	22
SW28	SD0012	08/14/2002		4	5.3	0.26	0.97	1.8	4.2	14	14	31	36
SW29	SD0043	08/28/2002		0	2	3.2	0.78	0.94	4.4	54	14	12	10
SW29	SD0044	08/28/2002		2	4	1.6	1.1	1.4	6.9	77	9.2	2.4	2.2
SW29	SD0045	08/28/2002		4	6	32	7.3	4.5	14	31	3.7	4.4	3.9
SW29	SD0046	08/28/2002		6	7	22	5.0	3.5	17	41	4.9	4.1	3.2
SW30	SD0055	08/29/2002		0	2	0.37	2.5	2.2	3.5	11	15	39	25
SW30	SD0056	08/29/2002		2	4	2.3	5.9	5.0	1.9	2.5	6.6	50	25
SW30	SD0057	08/29/2002		4	6	0	0.26	0.40	1.2	3.8	5.0	49	41
SW30	SD0058	08/29/2002		6	8	18	8.2	12	19	22	6.9	8.3	6.6
SW30	SD0060	08/29/2002		8	8.7								
SW31	SD0024	08/27/2002		0	2	1.5	1.6	2.9	8.8	39	32	7.5	6.3
SW31	SD0034	08/27/2002		2	2.9								
SW32	SD0051	08/29/2002		0	2	15	8.9	7.1	9.1	16	13	21	6.6
SW32	SD0059	08/29/2002		2	2.8	39	22	15	9.9	7.0	2.0	3.6	2.4

Table B2-2. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Gravel (Phi Class –6 to –1)	Very Coarse Sand (Phi Class –1 to 0)	Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Silt (Phi Class 4 to 8)	Clay (Phi Class Greater Than 8)
SW33	SD0032	08/28/2002		0	2	30	12	10.0	11	12	5.5	15	4.6
SW33	SD0047	08/28/2002		2	2.5								
SW34	SD0052	08/29/2002	1	0	2	30	11	9.8	9.1	12	7.5	15	8.7
SW34	SD0054	08/29/2002	2	0	2	28	12	9.2	9.1	12	7.9	18	5.7
SW34	SD0053	08/29/2002		2	2.8								
SW36	SD0022	08/27/2002		0	2	2.5	5.3	3.3	2.8	4.3	5.1	43	38
SW36	SD0023	08/27/2002		2	4.3	0.65	3.3	7.5	7.4	12	11	47	10

Note: Units for grain-size data are percent of dry weight.

Table B2-3. Metal and butyltin results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
NASSCO															
NA01	SD0141	09/18/2002		0	2	11	3.1	110	300	120	2.0	19	1.1 *U*	4.4	500
NA01	SD0142	09/18/2002	1	2	4	8.2	4.5	130	210	100	2.4	22	1.1 *U*	5.7	410
NA01	SD0146	09/18/2002	2	2	4	8.9	4.8	130	220	99	2.7	25	1.1 *U*	5.9	450
NA01	SD0143	09/18/2002		5	5.5	8.2	2.9	89	96	120	1.8	16	0.90 *U*	2.8	290
NA02	SD0139	09/18/2002		0	2	8.3	0.9	59	140	65	0.70	13	1.0 *U*	1.5	240
NA02	SD0140	09/18/2002		2	3.7	3.6	0.44	28	27	13	0.21	7.0	1.1 *U*	0.41	65
NA04	SD0084	09/04/2002		0	2	11	1.3	62 *J*	350	120	2.4	17	1.5 *U*	2.1	440
NA04	SD0085	09/04/2002		2	4	9.9	1.6	88	250 *J*	150	1.4	16	1.0 *U*	2.5	390
NA04	SD0086	09/04/2002		4	6	9.6	3.6	100	300 *J*	170	2.0	19	1.0 *U*	3.3	460
NA04	SD0087	09/04/2002		6	8.3	11	5.2	120	450 *J*	230	4.1	22	1.4	4.4	680
NA06	SD0068	09/03/2002		0	2	8.5	0.41	39 *J*	330	110	1.6	9.8	1.4 *U*	0.89	280
NA06	SD0069	09/03/2002		2	3.9	4.1	0.32	19 *J*	120	42	1.2	6.0	1.1 *U*	0.38	130
NA09	SD0079	09/04/2002		0	2	18	2.4	58 *J*	340	120	4.4	15	1.5 *U*	2.7	580
NA09	SD0080	09/04/2002		2	4	14	5.4	95 *J*	400	180	3.8	25	1.8 *U*	4.5	690
NA09	SD0081	09/04/2002		4	6	13	5.0	97 *J*	400	160	6.0	24	1.7 *U*	5.1	780
NA09	SD0082	09/04/2002		6	8	6.3	1.1	42 *J*	50	37	1.1	14	1.4 *U*	0.80	150
NA13	SD0156	09/20/2002		0	2	6.7	0.43	24	110	37	0.34	7.4	1.2 *U*	0.70	250
NA13	SD0157	09/20/2002		2	3	0.80	0.05 *U*	8.6	3.6	1.7	0.03	2.9	1.0 *U*	0.05	16
NA16	SD0075	09/04/2002		0	2	11	3.3	80 *J*	330	180	2.6	22	1.6 *U*	4.0	520
NA16	SD0076	09/04/2002	1	2	4	9.3	3.5	84 *J*	140	91	3.7	20	1.5 *U*	2.8	350
NA16	SD0078	09/04/2002	2	2	4	10	4.0	90 *J*	160	110	4.2	20	1.5 *U*	3.3	420
NA16	SD0077	09/04/2002		4	6.1	7.2	0.83	32 *J*	49	39	1.5	14	1.3 *U*	0.69	160
NA17	SD0088	09/04/2002		0	2	15	0.46	84	450 *J*	120	0.89	16	1.0 *U*	1.5	550
NA17	SD0089	09/04/2002		2	4	10	0.62	24	170 *J*	62	0.39	8.1	1.1 *U*	0.66	380
NA17	SD0090	09/04/2002		4	5.1	4.0	0.09	7.5	9.0 *J*	6.4	0.05	3.7	1.2 *U*	0.03	24
NA19	SD0065	09/03/2002		0	2	17	0.84	59 *J*	450	120	0.94	18	1.7 *U*	1.6	850
NA19	SD0066	09/03/2002		2	4	13	1.1	31 *J*	160	96	0.60	9.9	1.2 *U*	0.72	540
NA19	SD0067	09/03/2002		4	5.8	4.5	0.78	28 *J*	71	35	0.87	8.4	1.1 *U*	0.81	210
NA20	SD0070	09/04/2002		0	2	8.2	0.48	33 *J*	160	73	0.31	11	1.4 *U*	0.77	280
NA20	SD0071	09/04/2002		2	4	10	0.72	39 *J*	200	100	0.49	13	1.5 *U*	1.4	340
NA20	SD0072	09/04/2002	1	4	6	7.3	1.0	31 *J*	92	93	0.44	11	1.4 *U*	0.94	220
NA20	SD0074	09/04/2002	2	4	6	7.8	1.1	32 *J*	88	100	0.49	11	1.4 *U*	0.95	220
NA20	SD0073	09/04/2002		6	8.1	6.0	2.2	52 *J*	67	65	1.3	12	1.3 *U*	1.8	160
NA21	SD0158	09/21/2002		0	2	10	5.1	130	220	110	2.3	27	1.9 *U*	6.3	510
NA21	SD0159	09/21/2002		2	4	8.7	3.5	130	130	77	1.9	18	2.0 *U*	3.8	320
NA21	SD0160	09/21/2002		4	6	3.7	0.39	18	16	13	0.36	5.6	1.2 *U*	0.45	51
NA21	SD0161	09/21/2002		6	7.6	2.9	0.06 *U*	3.5	1.4	0.86	0.02 *U*	2.2	1.2 *U*	0.02 *U*	5.0
NA23	SD0091	09/04/2002		0	2	12	0.42	85	480 *J*	130	1.4	15	1.1 *U*	1.5	440

Table B2-3. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
NA23	SD0092	09/04/2002		2	4	4.8	0.55	29	130 *J*	55	1.1	7.1	1.1 *U*	1.1	150
NA24	SD0165	09/21/2002		0	2	6.2	0.29	25	80	33	0.58	9.4 *J*	0.80 *U*	0.53	150
NA24	SD0166	09/21/2002		2	4	1.4	0.06 *U*	6.7	3.8	1.9	0.03	3.1 *J*	1.3 *U*	0.03 *U*	18
NA25	SD0153	09/20/2002		0	2	2.5	0.06	14	25	13	0.14	4.0	1.2 *U*	0.21	47
NA25	SD0154	09/20/2002		2	4	1.5	0.05 *U*	4.9	1.3	0.80	0.02 *U*	1.9	1.1 *U*	0.02 *U*	7.1
NA25	SD0155	09/20/2002		4	5.2	2.1	0.05 *U*	4.5	1.2	0.73	0.02 *U*	3.2	1.0 *U*	0.02 *U*	5.9
NA26	SD0147	09/19/2002		0	2	4.0	0.12	17	32	20	0.65	5.7	1.2 *U*	0.32	62
NA26	SD0148	09/19/2002		2	4	2.1	0.06 *U*	3.1	3.3	0.88	0.01 *U*	3.3	1.2 *U*	0.02 *U*	5.1
NA26	SD0149	09/19/2002		4	6	3.1	0.05 *U*	2.3	1.2	1.0	0.02 *U*	2.5	1.0 *U*	0.02 *U*	3.5
NA26	SD0150	09/19/2002		6	7.5	2.1	0.05 *U*	3.8	1.5	1.8	0.02 *U*	1.9	1.0 *U*	0.02 *U*	4.9
NA29	SD0162	09/21/2002		0	2	6.2	0.44	30	64	37	0.51	8.9	1.3 *U*	0.80	150
NA29	SD0163	09/21/2002	1	2	4.4	1.8	0.06 *U*	6.8	2.4	1.2	0.02 *U*	3.1	1.2 *U*	0.02 *U*	10
NA29	SD0164	09/21/2002	2	2	4.4	1.9	0.06 *U*	8.7	3.2	1.5	0.02 *U*	3.9 *J*	1.2 *U*	0.02 *U*	12
NA30	SD0151	09/20/2002		0	2	4.8	0.30	25	47	30	0.41	7.5	1.3 *U*	0.57	97
NA30	SD0152	09/20/2002		2	3.4	4.3	0.08	8.7	7.4	10	0.12	3.8	1.0 *U*	0.07	28
NA31	SD0144	09/19/2002		0	2	1.7	0.05 *U*	4.4	2.9	1.6	0.02 *U*	2.0	1.1 *U*	0.02	8.5
NA31	SD0145	09/19/2002		2	3	1.7	0.05 *U*	3.4	1.2	0.81	0.02 *U*	4.1	1.0 *U*	0.02 *U*	4.1
Southwest Marine															
SW01	SD0001	08/13/2002		0	2	5.0	0.96	38	100	53	1.4	140	1.6 *U*	0.64	110
SW01	SD0002	08/13/2002		2	4	4.4	0.38	14	26	30	0.79	8.6	2.3 *U*	0.40	86
SW01	SD0003	08/13/2002		4	5.4	2.4	0.15 *U*	6.0	5.3	5.0	0.07	5.6	1.5 *U*	0.07	18
SW02	SD0027	08/27/2002		0	2	9.6	1.7	51	160	84	2.0	40	1.8 *U*	1.4 *J*	230
SW02	SD0028	08/27/2002		2	4	4.5	0.16	13	14	10	0.20	7.2	1.4 *U*	0.18 *J*	40
SW02	SD0037	08/27/2002		4	4.9	8.7	0.32	6.9	4.2	3.4	0.03	7.0	1.2 *U*	0.07 *J*	15
SW04	SD0025	08/27/2002		0	2	68	0.79	26	370	150	1.1	8.3	1.2 *U*	0.59 *J*	670
SW04	SD0026	08/27/2002		2	4.1	110	3.2	97	2,200	410	7.4	40	3.1	1.4 *J*	1,500
SW08	SD0033	08/28/2002	1	0	2	27	1.1	110	1,500	340	5.0	17	1.6 *U*	1.0	1,400
SW08	SD0040	08/28/2002	2	0	2	22	1.0	86	1,400	370	4.6	13	1.1	0.96	1,100
SW08	SD0038	08/28/2002		2	4	13	0.86	110	1,500	340	6.0	9.1	1.4 *U*	0.49	790
SW08	SD0039	08/28/2002		4	6	4.9	0.07	7.4	49	11	0.30	2.6	1.2 *U*	0.03	34
SW08	SD0048	08/28/2002		6	6.5	2.1	0.05 *U*	3.7	4.2	1.8	0.01 *U*	1.5	1.0 *U*	0.02 *U*	10
SW10	SD0041	08/28/2002		0	2	5.2	0.19	22	100	35	0.30	6.4	1.3	0.47	150
SW10	SD0042	08/28/2002		2	2.9	1.7	0.04 *U*	5.8	5.4	2.3	0.02	2.9	0.80 *U*	0.03	14
SW12	SD0020A	08/27/2002		0	2	5.3	0.17	31	93	32	0.34	8.7	1.1	0.54 *J*	130
SW12	SD0021	08/27/2002		2	3.7	3.0	0.07	8.1	24	6.5	0.07	4.8	1.0 *U*	0.13 *J*	35
SW17	SD0017	08/26/2002		0	2	15	0.68	87	440	100	1.3	19	2.2 *U*	2.0 *J*	500
SW17	SD0018	08/26/2002		2	4	15	1.4	54	280	90	0.67	12	1.5	1.1 *J*	400
SW17	SD0019	08/26/2002		4	6.2	3.7	0.44	30	530	23	0.17	7.6	1.1 *U*	0.29 *J*	130
SW19	SD0029	08/28/2002		0	2	6.0	0.19	40	97	42	0.41	9.9	1.5 *U*	0.60 *J*	160

Table B2-3. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Metals (mg/kg)									
						Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
SW19	SD0030	08/28/2002		2	4	2.9	0.07	9.7	18	7.3	0.07	2.8	1.3 *U*	1.5 *J*	38
SW19	SD0031	08/28/2002		4	5.4	2.5	0.06 *U*	8.8	10	4.7	0.04	2.8	1.3 *U*	0.08	30
SW20	SD0004	08/13/2002		0	1.5	12	1.2	46	300	79	0.97	12	2.0 *U*	1.3	430
SW20	SD0005	08/13/2002		1.5	2.4	7.6	0.26 *U*	19	23	7.8	0.07	9.3	2.6 *U*	0.13	59
SW24	SD0006	08/13/2002		0	2	10	2.9	69	240	100	2.4	19	2.4 *U*	2.7	470
SW24	SD0007	08/13/2002		2	3	6.2	0.78	28	50	26	0.48	10	2.2 *U*	0.62	140
SW25	SD0008	08/13/2002		0	2	6.6	0.33	28	110	32	0.24	10	1.9 *U*	0.58	160
SW25	SD0009	08/13/2002		2	4.2	9.0	1.1	41	170	51	0.76	13	2.1 *U*	1.4	230
SW27	SD0014	08/14/2002	1	0	2	11	0.93	46	250	68	0.79	14	1.5 *U*	1.4	450
SW27	SD0016	08/14/2002	2	0	2	9.2	0.69	46	240	62	1.4	12	1.5 *U*	1.1	220
SW27	SD0015	08/14/2002		2	4.3	6.5	0.42	23	29	16	0.20	8.6	2.2 *U*	0.30	88
SW27	SD0013	08/14/2002		5.3	5.6	4.5	0.21 *U*	16	10	3.8	0.01	6.2	2.1 *U*	0.06	36
SW28	SD0010	08/14/2002		0	2	15	2.7	76	280	170	1.5	23	1.7 *U*	2.8	530
SW28	SD0011	08/14/2002		2	4	6.6	2.3	67	100	67	2.5	19	2.1 *U*	2.2	280
SW28	SD0012	08/14/2002		4	5.3	7.0	1.2	41	50	46	1.4	13	2.1 *U*	0.90	160
SW29	SD0043	08/28/2002		0	2	5.5	0.64	29	120	42	0.64	13	1.1 *U*	0.76	170
SW29	SD0044	08/28/2002		2	4	2.5	0.05 *U*	5.4	2.5	2.4	0.06	1.8	1.1 *U*	0.03	14
SW29	SD0045	08/28/2002		4	6	1.8	0.17	4.8	3.7	3.7	0.08	3.2	0.90	0.06	13
SW29	SD0046	08/28/2002		6	7	1.6	0.11	4.8	3.2	1.5	0.03	3.3	0.80 *U*	0.11	12
SW30	SD0055	08/29/2002		0	2	9.0	1.1	42	210	71	1.1	12	1.4 *U*	1.3	280
SW30	SD0056	08/29/2002		2	4	5.1	2.4	22	32	17	0.31	9.0	1.9 *U*	0.65	91
SW30	SD0057	08/29/2002		4	6	6.3	0.55	25	29	34	0.95	11	1.3	0.49	100
SW30	SD0058	08/29/2002		6	8	5.8	0.06	10	5.3	4.7	0.05	4.5	0.90 *U*	0.06	22
SW30	SD0060	08/29/2002		8	8.7	5.7	0.06	7.2	3.8	1.8	0.02 *U*	5.3	0.80 *U*	0.02	12
SW31	SD0024	08/27/2002		0	2	3.8	0.18	17	49	16	0.12	5.4	1.4 *U*	0.25 *J*	89
SW31	SD0034	08/27/2002		2	2.9	1.1	0.06 *U*	12	3.3	1.1	0.01 *U*	3.1	1.3 *U*	0.02 *UJ*	22
SW32	SD0051	08/29/2002		0	2	6.2	0.23	24	67	35	0.43	7.3	0.90 *U*	0.48	130
SW32	SD0059	08/29/2002		2	2.8	3.3	0.07	5.5	5.7	3.9	0.06	3.6	0.80 *U*	0.05	14
SW33	SD0032	08/28/2002		0	2	6.5	0.17	26	55	24	0.63	6.6	1.5 *U*	0.37	98
SW33	SD0047	08/28/2002		2	2.5	7.9	0.07	7.1	7.5	5.4	0.07	4.3	0.80 *U*	0.07	19
SW34	SD0052	08/29/2002	1	0	2	5.7	0.25	20	59	28	0.47	5.7	1.0	0.57	94
SW34	SD0054	08/29/2002	2	0	2	5.2	0.18	21	70	31	0.33	6.1	0.90 *U*	0.54	110
SW36	SD0022	08/27/2002		0	2	15	0.46	78	290	89	0.76	19	2.2	1.5 *J*	370
SW36	SD0023	08/27/2002		2	4.3	26	1.7	73	610	150	0.61	14	1.7	1.4 *J*	1,200

Table B2-3. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
NASSCO									
NA01	SD0141	09/18/2002		0	2	28	100	150 *J*	4.8
NA01	SD0142	09/18/2002	1	2	4	4.7	2.4 *U*	2.4 *U*	2.4 *U*
NA01	SD0146	09/18/2002	2	2	4	4.7	4.0	2.4 *U*	2.4 *U*
NA01	SD0143	09/18/2002		5	5.5	3.3	2.0 *U*	2.0 *U*	2.0 *U*
NA02	SD0139	09/18/2002		0	2	19	90	56	1.9 *U*
NA02	SD0140	09/18/2002		2	3.7	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
NA04	SD0084	09/04/2002		0	2	20	150	160	3.4
NA04	SD0085	09/04/2002		2	4	44	360	460	22 *U*
NA04	SD0086	09/04/2002		4	6	2.3 *U*	2.3 *U*	23 *UJ*	2.3 *U*
NA04	SD0087	09/04/2002		6	8.3	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*
NA06	SD0068	09/03/2002		0	2	25	180	370	20 *U*
NA06	SD0069	09/03/2002		2	3.9	3.3	39	40	1.3 *U*
NA09	SD0079	09/04/2002		0	2	22 *U*	140	460	22 *U*
NA09	SD0080	09/04/2002		2	4	7.3	3.0 *U*	18 *U*	2.2 *U*
NA09	SD0081	09/04/2002		4	6	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
NA09	SD0082	09/04/2002		6	8	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*
NA13	SD0156	09/20/2002		0	2	20	79	75 *J*	1.5 *U*
NA13	SD0157	09/20/2002		2	3	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
NA16	SD0075	09/04/2002		0	2	8.9	67	60	2.2 *U*
NA16	SD0076	09/04/2002	1	2	4	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*
NA16	SD0078	09/04/2002	2	2	4	2.1 *U*	2.1 *U*	2.1 *U*	2.1 *U*
NA16	SD0077	09/04/2002		4	6.1	1.8 *U*	1.8	1.8 *U*	1.8 *U*
NA17	SD0088	09/04/2002		0	2	90	540	1,300	28 *U*
NA17	SD0089	09/04/2002		2	4	16	180	340	15 *U*
NA17	SD0090	09/04/2002		4	5.1	1.3 *U*	2.3	1.7	1.3 *U*
NA19	SD0065	09/03/2002		0	2	93	710	1,400	24 *U*
NA19	SD0066	09/03/2002		2	4	150 *U*	540	1,200	150 *U*
NA19	SD0067	09/03/2002		4	5.8	26	270	450	14 *U*
NA20	SD0070	09/04/2002		0	2	24	170	340	20 *U*
NA20	SD0071	09/04/2002		2	4	24	230	310	21 *U*
NA20	SD0072	09/04/2002	1	4	6	3.3	43	41	1.7 *U*
NA20	SD0074	09/04/2002	2	4	6	8.4	68	77	1.7 *U*
NA20	SD0073	09/04/2002		6	8.1	1.7	9.7	7.6	1.6 *U*
NA21	SD0158	09/21/2002		0	2	33	130	520	24 *U*
NA21	SD0159	09/21/2002		2	4	3.8 *J*	2.0 *U*	2.0 *U*	2.0 *U*
NA21	SD0160	09/21/2002		4	6	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*
NA21	SD0161	09/21/2002		6	7.6	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
NA23	SD0091	09/04/2002		0	2	29 *U*	250	670 *J*	29 *U*

Table B2-3. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
NA23	SD0092	09/04/2002		2	4	8.4 *J*	60	26 *UJ*	1.6 *U*
NA24	SD0165	09/21/2002		0	2	11	46	36 *J*	2.3 *U*
NA24	SD0166	09/21/2002		2	4	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
NA25	SD0153	09/20/2002		0	2	5.0	18	11 *J*	1.5 *U*
NA25	SD0154	09/20/2002		2	4	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
NA25	SD0155	09/20/2002		4	5.2	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
NA26	SD0147	09/19/2002		0	2	6.7	25	11	1.5 *U*
NA26	SD0148	09/19/2002		2	4	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*
NA26	SD0149	09/19/2002		4	6	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
NA26	SD0150	09/19/2002		6	7.5	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
NA29	SD0162	09/21/2002		0	2	16	85	62	1.6 *U*
NA29	SD0163	09/21/2002	1	2	4.4	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
NA29	SD0164	09/21/2002	2	2	4.4	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
NA30	SD0151	09/20/2002		0	2	7.6	35	16	1.6 *U*
NA30	SD0152	09/20/2002		2	3.4	1.3 *U*	1.6	1.3 *U*	1.3 *U*
NA31	SD0144	09/19/2002		0	2	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
NA31	SD0145	09/19/2002		2	3	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
Southwest Marine									
SW01	SD0001	08/13/2002		0	2	1.9	4.2	2.8	1.7 *U*
SW01	SD0002	08/13/2002		2	4	2.4	1.4 *U*	1.4 *U*	1.4 *U*
SW01	SD0003	08/13/2002		4	5.4	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
SW02	SD0027	08/27/2002		0	2	1.9	5.1	4.4	1.8 *U*
SW02	SD0028	08/27/2002		2	4	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*
SW02	SD0037	08/27/2002		4	4.9	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
SW04	SD0025	08/27/2002		0	2	150 *U*	340	1,900	150 *U*
SW04	SD0026	08/27/2002		2	4.1	280	1,900	5,000	140 *U*
SW08	SD0033	08/28/2002	1	0	2	190 *U*	2,300	6,900	190 *U*
SW08	SD0040	08/28/2002	2	0	2	250	2,300	7,000	190 *U*
SW08	SD0038	08/28/2002		2	4	160	2,000	5,100	140 *U*
SW08	SD0039	08/28/2002		4	6	4.3	22	44	1.5
SW08	SD0048	08/28/2002		6	6.5	1.2 *U*	1.2 *U*	2.3	1.2 *U*
SW10	SD0041	08/28/2002		0	2	9.8	58	67	1.6 *U*
SW10	SD0042	08/28/2002		2	2.9	1.2 *U*	1.2 *UJ*		1.2 *U*
SW12	SD0020A	08/27/2002		0	2	16	49	50	1.9 *U*
SW12	SD0021	08/27/2002		2	3.7	3.1	10	8.9	1.3 *U*
SW17	SD0017	08/26/2002		0	2	76	400	920	26 *U*
SW17	SD0018	08/26/2002		2	4	44	320	600	18 *U*
SW17	SD0019	08/26/2002		4	6.2	7.1	34	57	1.4 *U*
SW19	SD0029	08/28/2002		0	2	16	50	23	1.9 *U*

Table B2-3. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
SW19	SD0030	08/28/2002		2	4	5.3	16	5.6	1.3 *U*
SW19	SD0031	08/28/2002		4	5.4	1.3 *U*	2.6	1.3 *U*	1.3 *U*
SW20	SD0004	08/13/2002		0	1.5	29	210	440 *J*	5.9
SW20	SD0005	08/13/2002		1.5	2.4	2.5	10	13	1.3 *U*
SW24	SD0006	08/13/2002		0	2	5.6	22	36 *U*	1.9 *U*
SW24	SD0007	08/13/2002		2	3	2.8	12	19	1.3 *U*
SW25	SD0008	08/13/2002		0	2	9.1	66	120	3.0
SW25	SD0009	08/13/2002		2	4.2	15	92	160 *J*	3.9
SW27	SD0014	08/14/2002	1	0	2	47	380	1,400	1.8 *U*
SW27	SD0016	08/14/2002	2	0	2	120	420	2,100	50
SW27	SD0015	08/14/2002		2	4.3	2.1	10	28	1.4 *U*
SW27	SD0013	08/14/2002		5.3	5.6	1.3 *U*	2.3	2.6	1.3 *U*
SW28	SD0010	08/14/2002		0	2	21	99	220 *J*	2.0 *U*
SW28	SD0011	08/14/2002		2	4	3.0	9.1	8.2 *J*	1.7 *U*
SW28	SD0012	08/14/2002		4	5.3	2.3	1.7	1.7 *U*	1.7 *U*
SW29	SD0043	08/28/2002		0	2	18	130	180	16 *U*
SW29	SD0044	08/28/2002		2	4	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
SW29	SD0045	08/28/2002		4	6	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
SW29	SD0046	08/28/2002		6	7	1.2 *U*	1.2 *UJ*		1.2 *U*
SW30	SD0055	08/29/2002		0	2	19	140	140	4.8 *J*
SW30	SD0056	08/29/2002		2	4	2.8 *U*	6.1	4.5	2.8 *U*
SW30	SD0057	08/29/2002		4	6	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
SW30	SD0058	08/29/2002		6	8	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*
SW30	SD0060	08/29/2002		8	8.7	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
SW31	SD0024	08/27/2002		0	2	5.8	28	27	1.4 *U*
SW31	SD0034	08/27/2002		2	2.9	1.3 *U*	1.3 *U*		1.3 *U*
SW32	SD0051	08/29/2002		0	2	10	24	12	1.8 *U*
SW32	SD0059	08/29/2002		2	2.8	1.2 *U*	1.3	1.2 *U*	1.2 *U*
SW33	SD0032	08/28/2002		0	2	9.2	20	13	1.6 *U*
SW33	SD0047	08/28/2002		2	2.5	1.2 *U*	2.1	1.6	1.2 *U*
SW34	SD0052	08/29/2002	1	0	2	11	30	30	1.6 *U*
SW34	SD0054	08/29/2002	2	0	2	10	30	26	1.6 *U*
SW36	SD0022	08/27/2002		0	2	36	200	320	28 *U*
SW36	SD0023	08/27/2002		2	4.3	32	360	1,200	20 *U*

Note: All results are reported on a dry weight basis.

J - estimated
U - undetected at quantitation limit shown

Table B2-4. Polycyclic aromatic hydrocarbon results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH								
						Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne
NASSCO														
NA01	SD0141	09/18/2002		0	2	14	13 *U*	13 *U*	19	13 *U*	76	18	22	220
NA01	SD0142	09/18/2002	1	2	4	20	12 *U*	12 *U*	31	17	56	37	44	290
NA01	SD0146	09/18/2002	2	2	4	25	12 *U*	15	49	32	68	73	140	930
NA01	SD0143	09/18/2002		5	5.5	31	11 *U*	12	16	15	45	18	12	150
NA02	SD0139	09/18/2002		0	2	9.3 *U*	9.3 *U*	9.3 *U*	9.3 *U*	9.3 *U*	25	9.3 *U*	9.3 *U*	49
NA02	SD0140	09/18/2002		2	3.7	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.8	6.5 *U*	6.5 *U*	34
NA04	SD0084	09/04/2002		0	2	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	33	11 *U*	11 *U*	86
NA04	SD0085	09/04/2002		2	4	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	46	11 *U*	11	92
NA04	SD0086	09/04/2002		4	6	12	12 *U*	12 *U*	16	12 *U*	63	13	18	110
NA04	SD0087	09/04/2002		6	8.3	19	9.8 *U*	15	72	73	70	190	97	350
NA06	SD0068	09/03/2002		0	2	9.7 *U*	9.7 *U*	9.7 *U*	9.7 *U*	9.7 *U*	29	9.7 *U*	9.7 *U*	88
NA06	SD0069	09/03/2002		2	3.9	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	18	6.4 *U*	6.4 *U*	43
NA09	SD0079	09/04/2002		0	2	21	11 *U*	11 *U*	11 *U*	11 *U*	56	11	12	100
NA09	SD0080	09/04/2002		2	4	71	12	48	40	16	120	110	81	340
NA09	SD0081	09/04/2002		4	6	96,000	14,000	19,000	1,900	360	360	20,000	11,000	11,000
NA09	SD0082	09/04/2002		6	8	400	26	35	8.5 *U*	8.5 *U*	11	53	22	75
NA13	SD0156	09/20/2002		0	2	7.4 *U*	7.4 *U*	7.4 *U*	7.4 *U*	7.4 *U*	8.6	7.4 *U*	7.4 *U*	17
NA13	SD0157	09/20/2002		2	3	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA16	SD0075	09/04/2002		0	2	14	12 *U*	12 *U*	13	12 *U*	56	17	12 *U*	90
NA16	SD0076	09/04/2002	1	2	4	13	11 *U*	11 *U*	11 *U*	37	25	19	11 *U*	92
NA16	SD0078	09/04/2002	2	2	4	17	11 *U*	11 *U*	14	58	29	26	12	110
NA16	SD0077	09/04/2002		4	6.1	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	11	9.1 *U*	9.1 *U*	86
NA17	SD0088	09/04/2002		0	2	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	59	14 *U*	14 *U*	74
NA17	SD0089	09/04/2002		2	4	7.4 *U*	7.4 *U*	7.4 *U*	7.4 *U*	7.4 *U*	10	7.4 *U*	7.4 *U*	47
NA17	SD0090	09/04/2002		4	5.1	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA19	SD0065	09/03/2002		0	2	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	27	12 *U*	12 *U*	59
NA19	SD0066	09/03/2002		2	4	7.3 *U*	7.3 *U*	7.3 *U*	7.3 *U*	7.3 *U*	14	7.3 *U*	7.3 *U*	39
NA19	SD0067	09/03/2002		4	5.8	7.1	6.8 *U*	6.8 *U*	6.8 *U*	6.8 *U*	25	6.8 *U*	6.8 *U*	41
NA20	SD0070	09/04/2002		0	2	9.8 *U*	9.8 *U*	9.8 *U*	9.8 *U*	9.8 *U*	22	9.8 *U*	9.9	78
NA20	SD0071	09/04/2002		2	4	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	45	11 *U*	11 *U*	83
NA20	SD0072	09/04/2002	1	4	6	8.8	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	13	8.4	15	100
NA20	SD0074	09/04/2002	2	4	6	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	8.3 *U*	14	8.3 *U*	8.3 *U*	53
NA20	SD0073	09/04/2002		6	8.1	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	25
NA21	SD0158	09/21/2002		0	2	18	12 *U*	12 *U*	16	12 *U*	42	12 *U*	12 *U*	60
NA21	SD0159	09/21/2002		2	4	11	11 *U*	11 *U*	11 *U*	11 *U*	18	11 *U*	11 *U*	60
NA21	SD0160	09/21/2002		4	6	7.3 *U*	7.3 *U*	7.3 *U*	7.3 *U*	7.3 *U*	7.3 *U*	7.3 *U*	7.3 *U*	11
NA21	SD0161	09/21/2002		6	7.6	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*
NA23	SD0091	09/04/2002		0	2	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	71	15 *U*	16	210
NA23	SD0092	09/04/2002		2	4	12	7.7 *U*	7.7 *U*	8.4	7.7 *U*	36	30	24	150
NA24	SD0165	09/21/2002		0	2	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12	12 *U*	12 *U*	69
NA24	SD0166	09/21/2002		2	4	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*
NA25	SD0153	09/20/2002		0	2	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*
NA25	SD0154	09/20/2002		2	4	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH								
						Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne
NA25	SD0155	09/20/2002		4	5.2	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*
NA26	SD0147	09/19/2002		0	2	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	12
NA26	SD0148	09/19/2002		2	4	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*
NA26	SD0149	09/19/2002		4	6	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA26	SD0150	09/19/2002		6	7.5	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*
NA29	SD0162	09/21/2002		0	2	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	12	8.0 *U*	8.0 *U*	27
NA29	SD0163	09/21/2002	1	2	4.4	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA29	SD0164	09/21/2002	2	2	4.4	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA30	SD0151	09/20/2002		0	2	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	14
NA30	SD0152	09/20/2002		2	3.4	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	8.0
NA31	SD0144	09/19/2002		0	2	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*
NA31	SD0145	09/19/2002		2	3	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*
Southwest Marine														
SW01	SD0001	08/13/2002		0	2	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	8.2 *U*	11	8.2 *U*	8.2 *U*	32
SW01	SD0002	08/13/2002		2	4	24	6.9 *U*	6.9 *U*	6.9 *U*	6.9 *U*	29	6.9 *U*	6.9 *U*	170
SW01	SD0003	08/13/2002		4	5.4	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	17
SW02	SD0027	08/27/2002		0	2	26	9.1 *U*	9.1 *U*	14	10	39	280	30	240
SW02	SD0028	08/27/2002		2	4	13	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	9.2	17	7.9	49
SW02	SD0037	08/27/2002		4	4.9	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
SW04	SD0025	08/27/2002		0	2	20	7.3 *U*	10	7.3	7.3 *U*	47	22	34	260
SW04	SD0026	08/27/2002		2	4.1	3,800	820	460	350	370	190	3,100	1,500	5,000
SW08	SD0033	08/28/2002	1	0	2	19	15	18	16	11	100	54	77	490
SW08	SD0040	08/28/2002	2	0	2	30	20	24	19	15	110	71	91	550
SW08	SD0038	08/28/2002		2	4	58	40	50	30	18	84	110	120	620
SW08	SD0039	08/28/2002		4	6	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	13
SW08	SD0048	08/28/2002		6	6.5	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*
SW10	SD0041	08/28/2002		0	2	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	55	11	10	63
SW10	SD0042	08/28/2002		2	2.9	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*
SW12	SD0020A	08/27/2002		0	2	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	18	9.1 *U*	9.1 *U*	52
SW12	SD0021	08/27/2002		2	3.7	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.2	6.1 *U*	6.1 *U*	6.5
SW17	SD0017	08/26/2002		0	2	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	110	14 *U*	14 *U*	110
SW17	SD0018	08/26/2002		2	4	8.7 *U*	8.7 *U*	8.7 *U*	8.7 *U*	8.7 *U*	31	8.7 *U*	8.7 *U*	69
SW17	SD0019	08/26/2002		4	6.2	6.7 *U*	6.7 *U*	6.7 *U*	6.7 *U*	6.7 *U*	6.7 *U*	6.7 *U*	7.5	43
SW19	SD0029	08/28/2002		0	2	9.4 *U*	9.4 *U*	9.4 *U*	9.4 *U*	9.4 *U*	13	9.4 *U*	9.4 *U*	19
SW19	SD0030	08/28/2002		2	4	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*
SW19	SD0031	08/28/2002		4	5.4	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*
SW20	SD0004	08/13/2002		0	1.5	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	8.1 *U*	66	8.1 *U*	12	110
SW20	SD0005	08/13/2002		1.5	2.4	6.2 *U*	6.2 *U*	6.2 *U*	6.2 *U*	6.2 *U*	6.2 *U*	6.2 *U*	6.2 *U*	12
SW24	SD0006	08/13/2002		0	2	18	12	18	94	350	120	400	400	740
SW24	SD0007	08/13/2002		2	3	6.5 *U*	6.5 *U*	6.5 *U*	21	130	15	43	41	56
SW25	SD0008	08/13/2002		0	2	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	110	7.7 *U*	12	100
SW25	SD0009	08/13/2002		2	4.2	8.9	8.6 *U*	8.6 *U*	8.6 *U*	8.6 *U*	100	12	21	140
SW27	SD0014	08/14/2002	1	0	2	8.8 *U*	8.8 *U*	8.8 *U*	8.8 *U*	8.8 *U*	57	8.8 *U*	8.8 *U*	65
SW27	SD0016	08/14/2002	2	0	2	8.8 *U*	8.8 *U*	8.8 *U*	8.8 *U*	8.8 *U*	56	8.8 *U*	8.8 *U*	78

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH								
						Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne
SW27	SD0015	08/14/2002		2	4.3	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	9.8
SW27	SD0013	08/14/2002		5.3	5.6	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*
SW28	SD0010	08/14/2002		0	2	10 *U*	10 *U*	10 *U*	15	11	160	15	37	260
SW28	SD0011	08/14/2002		2	4	8.5	8.4 *U*	8.4 *U*	12	8.4 *U*	37	9.0	8.4 *U*	100
SW28	SD0012	08/14/2002		4	5.3	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	8.5 *U*	12	8.5 *U*	8.5 *U*	61
SW29	SD0043	08/28/2002		0	2	10	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	55	11	19	160
SW29	SD0044	08/28/2002		2	4	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*	6.6 *U*
SW29	SD0045	08/28/2002		4	6	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	17
SW29	SD0046	08/28/2002		6	7	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*
SW30	SD0055	08/29/2002		0	2	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	51	13 *U*	13 *U*	93
SW30	SD0056	08/29/2002		2	4	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	20
SW30	SD0057	08/29/2002		4	6	17	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	13	9.1 *U*	9.1 *U*	98
SW30	SD0058	08/29/2002		6	8	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	8.5
SW30	SD0060	08/29/2002		8	8.7	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*
SW31	SD0024	08/27/2002		0	2	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	7.0 *U*	9.2	7.0 *U*	7.0 *U*	18
SW31	SD0034	08/27/2002		2	2.9	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*
SW32	SD0051	08/29/2002		0	2	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	9.1 *U*	12
SW32	SD0059	08/29/2002		2	2.8	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*
SW33	SD0032	08/28/2002		0	2	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	7.7 *U*	14
SW33	SD0047	08/28/2002		2	2.5	5.7 *U*	5.7 *U*	5.7 *U*	5.7 *U*	5.7 *U*	5.7 *U*	5.7 *U*	5.7 *U*	5.7 *U*
SW34	SD0052	08/29/2002	1	0	2	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.8 *U*	7.9	7.8 *U*	7.8 *U*	14
SW34	SD0054	08/29/2002	2	0	2	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.0 *U*	8.8	8.0 *U*	8.0 *U*	16
SW36	SD0022	08/27/2002		0	2	14 *UJ*	14 *UJ*	14 *UJ*	14 *UJ*	14 *UJ*	52 *J*	14 *UJ*	15 *J*	210 *J*
SW36	SD0023	08/27/2002		2	4.3	10 *U*	10 *U*	12	10 *U*	10 *U*	25	28	38	220

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH (cont.) 1-Methyl phenanthrene	Anthracene	Total LPAH[a]	HPAH Fluoran-thene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene
NASSCO														
NA01	SD0141	09/18/2002		0	2	33	190	550	490	1,300	530	830	1,700	1,300
NA01	SD0142	09/18/2002	1	2	4	34	200	650	710	1,900	530	510	700	550
NA01	SD0146	09/18/2002	2	2	4	66	500	1,800	1,300	2,300	700	680	810	670
NA01	SD0143	09/18/2002		5	5.5	30	190	460	1,100	1,800	730	700	740	600
NA02	SD0139	09/18/2002		0	2	9.3 *U*	47	140	150	230	130	180	370	290
NA02	SD0140	09/18/2002		2	3.7	6.5	9.6	63	160	240	64	80	120	98
NA04	SD0084	09/04/2002		0	2	17	75	220	240	470	190	280	700	490
NA04	SD0085	09/04/2002		2	4	16	130	300	230	1,100	240	410	710	540
NA04	SD0086	09/04/2002		4	6	20	300	520	650	2,600	810	1,000	1,200	1,000
NA04	SD0087	09/04/2002		6	8.3	72	1,100	1,800	3,100	3,400	1,800	1,700	1,300	1,000
NA06	SD0068	09/03/2002		0	2	12	78	210	200	300	170	330	520	410
NA06	SD0069	09/03/2002		2	3.9	6.4 *U*	51	120	93	200	97	150	460	340
NA09	SD0079	09/04/2002		0	2	12	120	330	270	2,400	300	320	1,500	1,000
NA09	SD0080	09/04/2002		2	4	60	590	1,400	950	6,400	1,200	2,000	3,000	2,400
NA09	SD0081	09/04/2002		4	6	350	3,100	160,000	6,800	7,300	4,000	4,100	3,500	2,600
NA09	SD0082	09/04/2002		6	8	8.5 *U*	28	620	250	370	98	120	180	130
NA13	SD0156	09/20/2002		0	2	7.4 *U*	15	55	49	74	41	57	150	120
NA13	SD0157	09/20/2002		2	3	6.1 *U*	6.1 *U*	21 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA16	SD0075	09/04/2002		0	2	53	100	290	380	1,600	420	440	1,100	840
NA16	SD0076	09/04/2002	1	2	4	57	120	280	770	1,200	410	410	460	330
NA16	SD0078	09/04/2002	2	2	4	93	170	370	1,100	1,600	570	580	590	420
NA16	SD0077	09/04/2002		4	6.1	9.1 *U*	19	130	290	400	100	130	190	140
NA17	SD0088	09/04/2002		0	2	14 *U*	110	270	190	290	270	430	550	440
NA17	SD0089	09/04/2002		2	4	7.4 *U*	23	95	160	200	74	120	240	170
NA17	SD0090	09/04/2002		4	5.1	6.1 *U*	6.1 *U*	21 *U*	18	22	6.1 *U*	7.5	14	9.5
NA19	SD0065	09/03/2002		0	2	12 *U*	58	170	200	230	180	270	370	290
NA19	SD0066	09/03/2002		2	4	7.3 *U*	23	91	120	180	74	100	260	210
NA19	SD0067	09/03/2002		4	5.8	8.6	62	150	260	1,100	180	390	570	470
NA20	SD0070	09/04/2002		0	2	9.8 *U*	56	180	200	320	130	210	380	280
NA20	SD0071	09/04/2002		2	4	14	95	250	270	440	170	290	760	580
NA20	SD0072	09/04/2002	1	4	6	11	36	190	240	440	130	160	370	270
NA20	SD0074	09/04/2002	2	4	6	8.3 *U*	40	120	160	360	170	250	1,300	570
NA20	SD0073	09/04/2002		6	8.1	7.8 *U*	11	56	79	350	64	74	160	110
NA21	SD0158	09/21/2002		0	2	14	55	190	280	1,600	440	410	630	540
NA21	SD0159	09/21/2002		2	4	11 *U*	27	130	250	740	200	220	340	240
NA21	SD0160	09/21/2002		4	6	7.3 *U*	7.3 *U*	33	41	93	21	25	50	36
NA21	SD0161	09/21/2002		6	7.6	5.9 *U*	5.9 *U*	21 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*
NA23	SD0091	09/04/2002		0	2	27	210	530	920	1,200	580	1,300	1,100	830
NA23	SD0092	09/04/2002		2	4	22	110	370	210	1,100	180	270	550	460
NA24	SD0165	09/21/2002		0	2	12 *U*	37	140	190	250	120	190	290	210
NA24	SD0166	09/21/2002		2	4	6.5 *U*	6.5 *U*	23 *U*	18	26	6.5 *U*	9.1	13	10
NA25	SD0153	09/20/2002		0	2	7.2 *U*	7.4	29	19	29	17	26	50	37
NA25	SD0154	09/20/2002		2	4	6.4 *U*	6.4 *U*	22 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH (cont.) 1-Methyl phenanthrene	Anthracene	Total LPAH[a]	HPAH Fluoran-thene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene
NA25	SD0155	09/20/2002		4	5.2	6.0 *U*	6.0 *U*	21 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*
NA26	SD0147	09/19/2002		0	2	7.2 *U*	10	40	41	58	31	48	85	62
NA26	SD0148	09/19/2002		2	4	7.2 *U*	7.2 *U*	25 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*
NA26	SD0149	09/19/2002		4	6	6.1 *U*	6.1 *U*	21 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA26	SD0150	09/19/2002		6	7.5	5.9 *U*	5.9 *U*	21 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*
NA29	SD0162	09/21/2002		0	2	8.0 *U*	27	82	78	120	74	110	200	160
NA29	SD0163	09/21/2002	1	2	4.4	6.1 *U*	6.1 *U*	21 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA29	SD0164	09/21/2002	2	2	4.4	6.1 *U*	6.1 *U*	21 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*
NA30	SD0151	09/20/2002		0	2	7.9 *U*	14	48	52	81	39	51	100	74
NA30	SD0152	09/20/2002		2	3.4	6.3 *U*	6.3 *U*	27	26	34	9.7	12	20	15
NA31	SD0144	09/19/2002		0	2	6.4 *U*	6.4 *U*	22 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*
NA31	SD0145	09/19/2002		2	3	5.9 *U*	5.9 *U*	21 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*
Southwest Marine														
SW01	SD0001	08/13/2002		0	2	8.2 *U*	26	85	97	450	75	90	190	180
SW01	SD0002	08/13/2002		2	4	6.9 *U*	34	270	590	770	200	270	530	390
SW01	SD0003	08/13/2002		4	5.4	6.0 *U*	6.0 *U*	35	80	96	29	40	72	57
SW02	SD0027	08/27/2002		0	2	27	150	770	1,600	2,500	450	550	830	610
SW02	SD0028	08/27/2002		2	4	7.2 *U*	18	120	250	390	100	130	240	180
SW02	SD0037	08/27/2002		4	4.9	6.1 *U*	6.1 *U*	21 *U*	22	33	8.2	12	19	17
SW04	SD0025	08/27/2002		0	2	29	150	540	700	1,400	370	580	950	790
SW04	SD0026	08/27/2002		2	4.1	420	2,400	16,000	10,000	18,000	3,400	4,500	5,800	5,200
SW08	SD0033	08/28/2002	1	0	2	59	360	1,100	1,000	6,000	770	1,200	2,900	2,600
SW08	SD0040	08/28/2002	2	0	2	77	350	1,200	1,100	6,200	730	1,200	2,700	2,600
SW08	SD0038	08/28/2002		2	4	55	360	1,400	1,200	8,400	950	1,200	3,000	2,900
SW08	SD0039	08/28/2002		4	6	6.1 *U*	10	38	25	51	17	38	88	85
SW08	SD0048	08/28/2002		6	6.5	6.0 *U*	6.0 *U*	21 *U*	6.0 *U*	6.7	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*
SW10	SD0041	08/28/2002		0	2	13	160	310	260	850	460	710	1,100	930
SW10	SD0042	08/28/2002		2	2.9	6.0 *U*	6.0 *U*	21 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	8.6	9.1
SW12	SD0020A	08/27/2002		0	2	9.1 *U*	140	230	110	130	93	180	270	240
SW12	SD0021	08/27/2002		2	3.7	6.1 *U*	19	44	20	32	20	41	78	62
SW17	SD0017	08/26/2002		0	2	17	260	510	310	810	340	720	1,700	1,200
SW17	SD0018	08/26/2002		2	4	10	72	190	190	730	120	180	600	500
SW17	SD0019	08/26/2002		4	6.2	6.7 *U*	26	90	69	130	37	51	190	160
SW19	SD0029	08/28/2002		0	2	9.4 *U*	28	79	68	94	58	99	140	120
SW19	SD0030	08/28/2002		2	4	6.6 *U*	6.6 *U*	23 *U*	19	29	16	27	39	33
SW19	SD0031	08/28/2002		4	5.4	6.4 *U*	6.4 *U*	22 *U*	9.8	14	6.4 *U*	10	15	13
SW20	SD0004	08/13/2002		0	1.5	19	150	350	350	1,200	250	470	1,100	830
SW20	SD0005	08/13/2002		1.5	2.4	6.2 *U*	6.9	34	19	85	13	19	68	66
SW24	SD0006	08/13/2002		0	2	160	850	2,500	2,800	4,400	1,400	1,500	1,800	1,600
SW24	SD0007	08/13/2002		2	3	46	82	240	440	900	200	200	290	260
SW25	SD0008	08/13/2002		0	2	16	240	470	450	1,700	390	900	1,500	1,300
SW25	SD0009	08/13/2002		2	4.2	14	200	490	290	1,500	310	580	1,200	930
SW27	SD0014	08/14/2002	1	0	2	11	140	280	160	350	190	350	660	530
SW27	SD0016	08/14/2002	2	0	2	12	120	270	220	380	180	320	670	550

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH (cont.) 1-Methyl phenanthrene	Anthracene	Total LPAH[a]	HPAH Fluoran-thene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene
SW27	SD0015	08/14/2002		2	4.3	6.6 *U*	8.3	35	40	82	25	36	98	85
SW27	SD0013	08/14/2002		5.3	5.6	6.3 *U*	6.3 *U*	22 *U*	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	7.2	6.3 *U*
SW28	SD0010	08/14/2002		0	2	78	510	990	1,900	5,100	1,400	2,600	3,700	3,100
SW28	SD0011	08/14/2002		2	4	27	110	270	380	1,400	720	970	1,300	1,100
SW28	SD0012	08/14/2002		4	5.3	8.5 *U*	19	110	250	400	89	130	170	160
SW29	SD0043	08/28/2002		0	2	14	200	460	190	2,100	340	660	1,800	1,400
SW29	SD0044	08/28/2002		2	4	6.6 *U*	6.6 *U*	23 *U*	12	16	6.6 *U*	6.8	10	10
SW29	SD0045	08/28/2002		4	6	6.3 *U*	6.3 *U*	36	73	98	23	35	56	50
SW29	SD0046	08/28/2002		6	7	6.0 *U*	6.0 *U*	21 *U*	13	18	6.0 *U*	6.6	12	9.0
SW30	SD0055	08/29/2002		0	2	14	120	290	240	340	290	560	1,100	740
SW30	SD0056	08/29/2002		2	4	15 *U*	31	89	230	270	87	89	83	82
SW30	SD0057	08/29/2002		4	6	9.1 *U*	23	160	310	850	190	190	250	200
SW30	SD0058	08/29/2002		6	8	7.0 *U*	7.0 *U*	30	43	81	19	27	47	42
SW30	SD0060	08/29/2002		8	8.7	6.3 *U*	6.3 *U*	22 *U*	7.3	14	6.3 *U*	6.3 *U*	6.8	6.3 *U*
SW31	SD0024	08/27/2002		0	2	7.0 *U*	22	63	41	61	41	80	150	140
SW31	SD0034	08/27/2002		2	2.9	6.5 *U*	6.5 *U*	23 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*
SW32	SD0051	08/29/2002		0	2	9.1 *U*	13	48	48	86	43	76	81	80
SW32	SD0059	08/29/2002		2	2.8	5.9 *U*	5.9 *U*	21 *U*	5.9 *U*	7.6	5.9 *U*	9.6	7.9	9.9
SW33	SD0032	08/28/2002		0	2	7.7 *U*	11	44	52	64	33	59	61	56
SW33	SD0047	08/28/2002		2	2.5	5.7 *U*	5.7 *U*	20 *U*	7.4	8.9	5.7 *U*	6.8	7.7	9.4
SW34	SD0052	08/29/2002	1	0	2	7.8 *U*	15	53	46	63	37	65	100	98
SW34	SD0054	08/29/2002	2	0	2	8.0 *U*	16	57	58	84	43	82	110	100
SW36	SD0022	08/27/2002		0	2	23 *J*	140 *J*	440 *J*	500 *J*	660 *J*	290 *J*	670 *J*	1,100 *J*	940 *J*
SW36	SD0023	08/27/2002		2	4.3	19	90	420	370	470	180	280	550	420

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	HPAH (cont.) Benzo[a]-pyrene	Benzo[e]-pyrene	Indeno-[1,2,3-cd]pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
NASSCO														
NA01	SD0141	09/18/2002		0	2	2,000	1,200	1,100	220	810	10,000	11,000	13 *U*	13 *U*
NA01	SD0142	09/18/2002	1	2	4	1,000	660	620	89	600	7,200	7,900	12 *U*	12 *U*
NA01	SD0146	09/18/2002	2	2	4	1,200	770	710	110	650	9,100	11,000	12 *U*	22
NA01	SD0143	09/18/2002		5	5.5	1,400	780	830	110	810	8,800	9,300	11 *U*	11 *U*
NA02	SD0139	09/18/2002		0	2	440	240	260	44	230	2,300	2,500	9.3 *U*	9.3 *U*
NA02	SD0140	09/18/2002		2	3.7	160	110	96	13	95	1,100	1,200	6.5 *U*	6.5 *U*
NA04	SD0084	09/04/2002		0	2	760	450	380	83	290	3,900	4,100	11 *U*	11 *U*
NA04	SD0085	09/04/2002		2	4	840	540	510	100	410	5,100	5,400	11 *U*	11 *U*
NA04	SD0086	09/04/2002		4	6	1,400	880	670	160	500	10,000	11,000	12 *U*	12 *U*
NA04	SD0087	09/04/2002		6	8.3	1,500	910	690	160	540	15,000	17,000	9.8 *U*	44
NA06	SD0068	09/03/2002		0	2	570	380	350	78	270	3,200	3,400	9.7 *U*	9.7 *U*
NA06	SD0069	09/03/2002		2	3.9	530	280	280	65	200	2,400	2,500	6.4 *U*	6.4 *U*
NA09	SD0079	09/04/2002		0	2	1,600	880	720	160	540	8,800	9,100	11 *U*	11 *U*
NA09	SD0080	09/04/2002		2	4	3,400	2,100	1,500	360	1,100	22,000	24,000	25	43
NA09	SD0081	09/04/2002		4	6	4,000	2,500	2,000	490	1,500	36,000	200,000	3,500	11,000
NA09	SD0082	09/04/2002		6	8	250	140	190	19	180	1,800	2,400	11	24
NA13	SD0156	09/20/2002		0	2	170	89	100	17	90	870	920	7.4 *U*	7.4 *U*
NA13	SD0157	09/20/2002		2	3	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	31 *U*	52 *U*	6.1 *U*	6.1 *U*
NA16	SD0075	09/04/2002		0	2	1,200	720	630	120	500	7,200	7,500	12 *U*	12 *U*
NA16	SD0076	09/04/2002	1	2	4	640	390	400	55	380	5,100	5,300	11 *U*	11 *U*
NA16	SD0078	09/04/2002	2	2	4	810	500	470	74	450	6,700	7,000	11 *U*	11 *U*
NA16	SD0077	09/04/2002		4	6.1	300	170	240	20	230	2,000	2,200	9.1 *U*	9.1 *U*
NA17	SD0088	09/04/2002		0	2	640	400	390	78	300	3,600	3,800	14 *U*	14 *U*
NA17	SD0089	09/04/2002		2	4	240	130	150	30	130	1,500	1,600	7.4 *U*	7.4 *U*
NA17	SD0090	09/04/2002		4	5.1	19	10	16	6.1 *U*	15	130	150	6.1 *U*	6.1 *U*
NA19	SD0065	09/03/2002		0	2	440	280	290	57	230	2,600	2,700	12 *U*	12 *U*
NA19	SD0066	09/03/2002		2	4	330	170	210	34	190	1,700	1,800	7.3 *U*	7.3 *U*
NA19	SD0067	09/03/2002		4	5.8	680	370	330	72	260	4,300	4,500	6.8 *U*	6.8 *U*
NA20	SD0070	09/04/2002		0	2	370	270	230	46	190	2,400	2,500	9.8 *U*	9.8 *U*
NA20	SD0071	09/04/2002		2	4	760	510	380	78	310	4,000	4,300	11 *U*	11 *U*
NA20	SD0072	09/04/2002	1	4	6	390	250	230	44	200	2,500	2,700	8.2 *U*	8.2 *U*
NA20	SD0074	09/04/2002	2	4	6	830	670	340	95	270	4,300	4,500	8.3 *U*	8.3 *U*
NA20	SD0073	09/04/2002		6	8.1	170	120	100	17	97	1,200	1,300	7.8 *U*	7.8 *U*
NA21	SD0158	09/21/2002		0	2	980	640	590	89	580	6,100	6,300	12 *U*	12 *U*
NA21	SD0159	09/21/2002		2	4	490	330	340	41	340	3,200	3,300	11 *U*	11 *U*
NA21	SD0160	09/21/2002		4	6	71	47	58	7.3 *U*	61	460	490	7.3 *U*	7.3 *U*
NA21	SD0161	09/21/2002		6	7.6	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	30 *U*	50 *U*	5.9 *U*	5.9 *U*
NA23	SD0091	09/04/2002		0	2	1,200	760	700	150	510	8,500	9,000	15 *U*	15 *U*
NA23	SD0092	09/04/2002		2	4	680	380	360	80	270	4,200	4,500	7.7 *U*	12
NA24	SD0165	09/21/2002		0	2	310	210	210	28	190	2,000	2,100	12 *U*	12 *U*
NA24	SD0166	09/21/2002		2	4	17	14	19	6.5 *U*	22	140	160	6.5 *U*	6.5 *U*
NA25	SD0153	09/20/2002		0	2	50	37	36	7.2 *U*	32	300	330	7.2 *U*	7.2 *U*
NA25	SD0154	09/20/2002		2	4	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	32 *U*	54 *U*	6.4 *U*	6.4 *U*

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	HPAH (cont.) Benzo[a]-pyrene	Benzo[e]-pyrene	Indeno-[1,2,3-cd]pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
NA25	SD0155	09/20/2002		4	5.2	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	30 *U*	51 *U*	6.0 *U*	6.0 *U*
NA26	SD0147	09/19/2002		0	2	83	63	61	8.9	56	530	570	7.2 *U*	7.2 *U*
NA26	SD0148	09/19/2002		2	4	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	7.2 *U*	36 *U*	61 *U*	7.2 *U*	7.2 *U*
NA26	SD0149	09/19/2002		4	6	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	31 *U*	52 *U*	6.1 *U*	6.1 *U*
NA26	SD0150	09/19/2002		6	7.5	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	30 *U*	50 *U*	5.9 *U*	5.9 *U*
NA29	SD0162	09/21/2002		0	2	230	130	150	25	130	1,300	1,400	8.0 *U*	8.0 *U*
NA29	SD0163	09/21/2002	1	2	4.4	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	31 *U*	52 *U*	6.1 *U*	6.1 *U*
NA29	SD0164	09/21/2002	2	2	4.4	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	6.1 *U*	31 *U*	52 *U*	6.1 *U*	6.1 *U*
NA30	SD0151	09/20/2002		0	2	120	68	89	14	80	700	750	7.9 *U*	7.9 *U*
NA30	SD0152	09/20/2002		2	3.4	32	17	30	6.3 *U*	31	210	240	6.3 *U*	6.3 *U*
NA31	SD0144	09/19/2002		0	2	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	6.4 *U*	32 *U*	54 *U*	6.4 *U*	6.4 *U*
NA31	SD0145	09/19/2002		2	3	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	30 *U*	50 *U*	5.9 *U*	5.9 *U*
Southwest Marine														
SW01	SD0001	08/13/2002		0	2	210	160	140	24	130	1,600	1,600	8.2 *U*	8.2 *U*
SW01	SD0002	08/13/2002		2	4	820	450	780	60	710	5,100	5,300	6.9 *U*	6.9 *U*
SW01	SD0003	08/13/2002		4	5.4	120	56	120	9.3	110	720	760	6.0 *U*	6.0 *U*
SW02	SD0027	08/27/2002		0	2	1,100	690	930	95	800	9,500	10,000	9.1 *U*	31
SW02	SD0028	08/27/2002		2	4	370	220	370	32	340	2,400	2,500	7.2 *U*	7.2 *U*
SW02	SD0037	08/27/2002		4	4.9	30	19	31	6.1 *U*	31	210	230	6.1 *U*	6.1 *U*
SW04	SD0025	08/27/2002		0	2	1,100	670	750	120	630	7,400	7,900	7.3 *U*	16
SW04	SD0026	08/27/2002		2	4.1	5,800	3,900	2,600	650	2,100	58,000	75,000	170	860
SW08	SD0033	08/28/2002	1	0	2	2,600	2,000	1,400	310	970	20,000	21,000	9.5 *U*	38
SW08	SD0040	08/28/2002	2	0	2	2,600	1,800	1,300	290	940	20,000	21,000	11	46
SW08	SD0038	08/28/2002		2	4	3,000	2,100	1,300	370	1,000	23,000	25,000	19	80
SW08	SD0039	08/28/2002		4	6	85	55	34	8.4	26	460	500	6.1 *U*	6.1 *U*
SW08	SD0048	08/28/2002		6	6.5	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	34	55	6.0 *U*	6.0 *U*
SW10	SD0041	08/28/2002		0	2	1,100	680	480	110	320	6,300	6,600	8.1 *U*	8.1 *U*
SW10	SD0042	08/28/2002		2	2.9	7.1	6.1	6.0 *U*	6.0 *U*	6.0 *U*	46	67	6.0 *U*	6.0 *U*
SW12	SD0020A	08/27/2002		0	2	290	190	170	36	130	1,600	1,900	9.1 *U*	9.1 *U*
SW12	SD0021	08/27/2002		2	3.7	77	53	48	9.9	37	420	470	6.1 *U*	6.1 *U*
SW17	SD0017	08/26/2002		0	2	1,600	1,100	790	180	550	8,200	8,700	14 *U*	14 *U*
SW17	SD0018	08/26/2002		2	4	620	410	340	74	270	3,600	3,800	8.7 *U*	8.7 *U*
SW17	SD0019	08/26/2002		4	6.2	200	120	110	24	83	1,100	1,100	6.7 *U*	6.7 *U*
SW19	SD0029	08/28/2002		0	2	140	110	110	19	100	950	1,000	9.4 *U*	9.4 *U*
SW19	SD0030	08/28/2002		2	4	41	29	35	6.6 *U*	29	270	290	6.6 *U*	6.6 *U*
SW19	SD0031	08/28/2002		4	5.4	16	11	14	6.4 *U*	12	110	130	6.4 *U*	6.4 *U*
SW20	SD0004	08/13/2002		0	1.5	1,100	720	560	130	400	6,300	6,600	8.1 *U*	8.1 *U*
SW20	SD0005	08/13/2002		1.5	2.4	68	46	32	7.1	26	400	430	6.2 *U*	6.2 *U*
SW24	SD0006	08/13/2002		0	2	1,900	1,300	1,100	250	800	17,000	20,000	9.5 *U*	64
SW24	SD0007	08/13/2002		2	3	330	220	170	36	130	2,900	3,200	6.5 *U*	8.5
SW25	SD0008	08/13/2002		0	2	1,400	920	660	150	430	8,700	9,200	7.7 *U*	7.7 *U*
SW25	SD0009	08/13/2002		2	4.2	1,300	780	590	130	420	7,100	7,600	8.6 *U*	11
SW27	SD0014	08/14/2002	1	0	2	740	450	420	97	320	3,700	4,000	8.8 *U*	8.8 *U*
SW27	SD0016	08/14/2002	2	0	2	750	450	430	97	330	3,800	4,100	8.8 *U*	8.8 *U*

Table B2-4. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	HPAH (cont.) Benzo[a]-pyrene	Benzo[e]-pyrene	Indeno-[1,2,3-cd]pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
SW27	SD0015	08/14/2002		2	4.3	120	74	72	12	68	630	660	6.6 *U*	6.6 *U*
SW27	SD0013	08/14/2002		5.3	5.6	7.3	6.3 *U*	6.3 *U*	6.3 *U*	6.3 *U*	37	59	6.3 *U*	6.3 *U*
SW28	SD0010	08/14/2002		0	2	4,000	2,500	2,000	480	1,300	25,000	26,000	10 *U*	12
SW28	SD0011	08/14/2002		2	4	1,500	910	770	170	580	8,700	9,000	8.4 *U*	8.4 *U*
SW28	SD0012	08/14/2002		4	5.3	250	160	220	21	200	1,900	2,000	8.5 *U*	8.5 *U*
SW29	SD0043	08/28/2002		0	2	1,800	1,100	730	180	530	9,700	10,000	7.7 *U*	7.7 *U*
SW29	SD0044	08/28/2002		2	4	11	8.7	15	6.6 *U*	14	100	120	6.6 *U*	6.6 *U*
SW29	SD0045	08/28/2002		4	6	91	50	90	6.5	89	610	650	6.3 *U*	6.3 *U*
SW29	SD0046	08/28/2002		6	7	15	9.8	16	6.0 *U*	16	110	130	6.0 *U*	6.0 *U*
SW30	SD0055	08/29/2002		0	2	890	660	500	110	380	5,200	5,400	13 *U*	13 *U*
SW30	SD0056	08/29/2002		2	4	140	93	100	15 *U*	100	1,200	1,300	15 *U*	15 *U*
SW30	SD0057	08/29/2002		4	6	350	230	330	26	320	3,000	3,200	9.1 *U*	9.1 *U*
SW30	SD0058	08/29/2002		6	8	70	44	77	7.0 *U*	75	480	510	7.0 *U*	7.0 *U*
SW30	SD0060	08/29/2002		8	8.7	8.2	6.3 *U*	9.5	6.3 *U*	9.9	68	90	6.3 *U*	6.3 *U*
SW31	SD0024	08/27/2002		0	2	160	100	95	20	73	860	920	7.0 *U*	7.0 *U*
SW31	SD0034	08/27/2002		2	2.9	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	6.5 *U*	33 *U*	55 *U*	6.5 *U*	6.5 *U*
SW32	SD0051	08/29/2002		0	2	99	68	80	12	66	670	720	9.1 *U*	9.1 *U*
SW32	SD0059	08/29/2002		2	2.8	11	6.6	11	5.9 *U*	9.0	75	96	5.9 *U*	5.9 *U*
SW33	SD0032	08/28/2002		0	2	65	46	52	9.2	49	500	540	7.7 *U*	7.7 *U*
SW33	SD0047	08/28/2002		2	2.5	9.6	6.3	9.8	5.7 *U*	8.8	74	94	5.7 *U*	5.7 *U*
SW34	SD0052	08/29/2002	1	0	2	110	75	84	15	75	690	750	7.8 *U*	7.8 *U*
SW34	SD0054	08/29/2002	2	0	2	110	83	98	16	80	780	840	8.0 *U*	8.0 *U*
SW36	SD0022	08/27/2002		0	2	1,000 *J*	740 *J*	650 *J*	120 *J*	530 *J*	6,500 *J*	6,900 *J*	14 *UJ*	14 *UJ*
SW36	SD0023	08/27/2002		2	4.3	540	340	300	60	240	3,400	3,800	10 *U*	25

Note: All results are reported as μg/kg dry weight.

HPAH - high molecular weight polycyclic aromatic hydrocarbon
J - estimated
LPAH - low molecular weight polycyclic aromatic hydrocarbon
PAH - polycyclic aromatic hydrocarbon
U - undetected at quantitation limit shown

[a] Total LPAH is computed as the sum of the concentrations of naphthalene, 2-methylnaphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, and anthracene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[b] Total HPAH is computed as the sum of the concentrations of fluoranthene, pyrene, benz[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenz[a,h]pyrene, and benzo[ghi]perylene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[c] Total PAH is computed as the sum of the concentrations of the compounds listed in footnotes a and b. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

Table B2-5. Alkylated polycyclic aromatic hydrocarbon results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH							
						C2-Naph-thalenes	C3-Naph-thalenes	C4-Naph-thalenes	C1-Fluorenes	C2-Fluorenes	C3-Fluorenes	C1-Phenan-threnes/ Anthracenes	C2-Phenan-threnes/ Anthracenes
NASSCO													
NA19	SD0065	09/03/2002		0	2	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	59	59
Southwest Marine													
SW08	SD0033	08/28/2002	1	0	2	40	86	130	77	180	400	340	290
SW24	SD0006	08/13/2002		0	2	360	1,600	3,400	590	1,700	3,400	650	1,500

Table B2-5. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	LPAH (cont.) C3-Phenan-threnes/ Anthracenes	LPAH (cont.) C4-Phenan-threnes/ Anthracenes	HPAH C1-Fluor-anthenes/ Pyrenes	HPAH C1-Benz[a]-anthracenes/ Chrysenes	HPAH C2-Benz[a]-anthracenes/ Chrysenes	HPAH C3-Benz[a]-anthracenes/ Chrysenes
NASSCO											
NA19	SD0065	09/03/2002		0	2	60	44	190	180	140	58
Southwest Marine											
SW08	SD0033	08/28/2002	1	0	2	330	280	1,900	1,500	1,200	330
SW24	SD0006	08/13/2002		0	2	2,200	2,400	2,600	1,600	990	430

Table B2-5. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	HPAH (cont.) C4-Benz[a]-anthracenes/ Chrysenes	Additional Aromatic Hydrocarbons Dibenzo-thiophene	C1-Dibenzo-thiophenes	C2-Dibenzo-thiophenes	C3-Dibenzo-thiophenes
NASSCO										
NA19	SD0065	09/03/2002		0	2	67	5 *U*	12 *U*	12 *U*	12 *U*
Southwest Marine										
SW08	SD0033	08/28/2002	1	0	2	140	30	9.5 *U*	95	170
SW24	SD0006	08/13/2002		0	2	470	87	3,100	1,300	2,000

Note: All data are reported as µg/kg dry weight.

HPAH - high-molecular-weight polycyclic aromatic hydrocarbon
LPAH - low-molecular-weight polycyclic aromatic hydrocarbon
U - undetected at quantitation limit shown

Data for additional PAHs for these samples are provided in Table B2-4.

Table B2-6. PCB and PCT results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Aroclors®								PCT Aroclors®			
						1016	1221	1232	1242	1248	1254	1260	Total[a]	5432	5442	5460	Total[a]
NASSCO																	
NA01	SD0141	09/18/2002		0	2	250 *U*	490 *U*	250 *U*	250 *U*	250 *U*	1,400 *J*	990 *J*	2,400 *J*	250 *U*	250 *U*	2,500	2,500
NA01	SD0142	09/18/2002	1	2	4	240 *U*	470 *U*	240 *U*	240 *U*	240 *U*	1,600 *J*	1,200 *J*	2,800 *J*	240 *U*	240 *U*	1,700 *J*	1,700 *J*
NA01	SD0146	09/18/2002	2	2	4	240 *U*	470 *U*	240 *U*	240 *U*	240 *U*	1,800 *J*	1,300 *J*	3,100 *J*	240 *U*	240 *U*	1,500 *J*	1,500 *J*
NA01	SD0143	09/18/2002		5	5.5	21 *U*	41 *U*	21 *U*	21 *U*	21 *U*	280 *J*	240 *J*	520 *J*	21 *U*	21 *U*	330	330
NA02	SD0139	09/18/2002		0	2	19 *U*	38 *U*	19 *U*	19 *U*	19 *U*	250	240	490	19 *U*	19 *U*	380	380
NA02	SD0140	09/18/2002		2	3.7	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	56	46	100	13 *U*	13 *U*	71	71
NA04	SD0084	09/04/2002		0	2	22 *U*	43 *U*	22 *U*	22 *U*	390	550	520	1,500	22 *U*	22 *U*	660	660
NA04	SD0085	09/04/2002		2	4	22 *U*	44 *U*	22 *U*	22 *U*	310	670	620	1,600	44 *U*	44 *U*	690	690
NA04	SD0086	09/04/2002		4	6	230 *U*	460 *U*	230 *U*	230 *U*	650 *J*	1,300 *J*	880 *J*	2,800 *J*	230 *U*	230 *U*	1,500	1,500
NA04	SD0087	09/04/2002		6	8.3	200 *U*	400 *U*	200 *U*	200 *U*	1,200 *J*	2,100 *J*	1,300 *J*	4,600 *J*	400 *U*	400 *U*	2,400	2,400
NA06	SD0068	09/03/2002		0	2	20 *U*	39 *U*	20 *U*	20 *U*	390	720	470	1,600	200 *U*	200 *U*	1,400	1,400
NA06	SD0069	09/03/2002		2	3.9	130 *U*	260 *U*	130 *U*	130 *U*	580	730	380	1,700	130 *U*	130 *U*	1,200	1,200
NA09	SD0079	09/04/2002		0	2	220 *U*	430 *U*	220 *U*	220 *U*	2,100 *J*	3,300 *J*	1,900 *J*	7,300 *J*	220 *U*	220 *U*	7,200 *J*	7,200 *J*
NA09	SD0080	09/04/2002		2	4	220 *U*	440 *U*	220 *U*	220 *U*	2,300 *J*	4,200 *J*	2,500 *J*	9,000 *J*	220 *U*	220 *U*	6,400 *J*	6,400 *J*
NA09	SD0081	09/04/2002		4	6	210 *U*	410 *U*	210 *U*	210 *U*	5,100 *J*	6,500 *J*	2,800 *J*	14,000 *J*	210 *U*	210 *U*	8,800 *J*	8,800 *J*
NA09	SD0082	09/04/2002		6	8	17 *U*	34 *U*	17 *U*	17 *U*	60	140	86	290	17 *U*	17 *U*	400	400
NA13	SD0156	09/20/2002		0	2	15 *U*	30 *U*	15 *U*	15 *U*	15 *U*	100	110	210	15 *U*	15 *U*	190	190
NA13	SD0157	09/20/2002		2	3	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25 *U*	13 *U*	13 *U*	61 *U*	61 *U*
NA16	SD0075	09/04/2002		0	2	230 *U*	450 *U*	230 *U*	230 *U*	1,000	1,600	1,100	3,700	230 *U*	230 *U*	2,900	2,900
NA16	SD0076	09/04/2002	1	2	4	210 *U*	410 *U*	210 *U*	210 *U*	660 *J*	1,400 *J*	700 *J*	2,800 *J*	210 *U*	210 *U*	1,500 *J*	1,500 *J*
NA16	SD0078	09/04/2002	2	2	4	210 *U*	420 *U*	210 *U*	210 *U*	1,300 *J*	2,300 *J*	1,200 *J*	4,800 *J*	210 *U*	210 *U*	6,300 *J*	6,300 *J*
NA16	SD0077	09/04/2002		4	6.1	19 *U*	37 *U*	19 *U*	19 *U*	46	69	48	160	19 *U*	19 *U*	140	140
NA17	SD0088	09/04/2002		0	2	28 *U*	55 *U*	28 *U*	28 *U*	180 *J*	750 *J*	620 *J*	1,600 *J*	55 *U*	55 *U*	700	700
NA17	SD0089	09/04/2002		2	4	15 *U*	30 *U*	15 *U*	15 *U*	270	610	340	1,200	30 *U*	30 *U*	350	350
NA17	SD0090	09/04/2002		4	5.1	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	24 *U*	24 *U*	120 *U*	120 *U*
NA19	SD0065	09/03/2002		0	2	240 *U*	470 *U*	240 *U*	240 *U*	360	1,700	1,100	3,200	24 *U*	24 *U*	560	560
NA19	SD0066	09/03/2002		2	4	150 *U*	290 *U*	150 *U*	150 *U*	340	890	550	1,800	150 *U*	150 *U*	2,700	2,700
NA19	SD0067	09/03/2002		4	5.8	14 *U*	27 *U*	14 *U*	14 *U*	180	410	250	840	140 *U*	140 *U*	780	780
NA20	SD0070	09/04/2002		0	2	20 *U*	39 *U*	20 *U*	20 *U*	73	210	200	480	20 *U*	20 *U*	160	160
NA20	SD0071	09/04/2002		2	4	21 *U*	42 *U*	21 *U*	21 *U*	110	280 *J*	300	690 *J*	21 *U*	21 *U*	210	210
NA20	SD0072	09/04/2002	1	4	6	17 *U*	33 *U*	17 *U*	17 *U*	190	260	330	780	17 *U*	17 *U*	260	260
NA20	SD0074	09/04/2002	2	4	6	17 *U*	34 *U*	17 *U*	17 *U*	160	290	350	800	17 *U*	17 *U*	200	200
NA20	SD0073	09/04/2002		6	8.1	16 *U*	32 *U*	16 *U*	16 *U*	57 *J*	160 *J*	180	400 *J*	16 *U*	16 *U*	170	170
NA21	SD0158	09/21/2002		0	2	24 *U*	47 *U*	24 *U*	24 *U*	380 *J*	820 *J*	680 *J*	1,900 *J*	24 *U*	24 *U*	510	510
NA21	SD0159	09/21/2002		2	4	21 *U*	41 *U*	21 *U*	21 *U*	21 *U*	160 *J*	300 *J*	460 *J*	21 *U*	21 *U*	180	180
NA21	SD0160	09/21/2002		4	6	15 *U*	29 *U*	15 *U*	15 *U*	15 *U*	34	34	68	15 *U*	15 *U*	73 *U*	73 *U*
NA21	SD0161	09/21/2002		6	7.6	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	12 *U*	12 *U*	59 *U*	59 *U*
NA23	SD0091	09/04/2002		0	2	29 *U*	57 *U*	29 *U*	29 *U*	29 *U*	510	500	1,000	57 *U*	57 *U*	1,000	1,000
NA23	SD0092	09/04/2002		2	4	16 *U*	31 *U*	16 *U*	16 *U*	220	340	270	830	31 *U*	31 *U*	420	420
NA24	SD0165	09/21/2002		0	2	23 *U*	46 *U*	23 *U*	23 *U*	23 *U*	70	87	160	23 *U*	23 *U*	180	180
NA24	SD0166	09/21/2002		2	4	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	26 *U*	13 *U*	13 *U*	65 *U*	65 *U*
NA25	SD0153	09/20/2002		0	2	15 *U*	29 *U*	15 *U*	15 *U*	15 *U*	20	27	47	15 *U*	15 *U*	72 *U*	72 *U*
NA25	SD0154	09/20/2002		2	4	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	26 *U*	13 *U*	13 *U*	63 *U*	63 *U*
NA25	SD0155	09/20/2002		4	5.2	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	12 *U*	12 *U*	60 *U*	60 *U*
NA26	SD0147	09/19/2002		0	2	15 *U*	29 *U*	15 *U*	15 *U*	15 *U*	67	74	140	15 *U*	15 *U*	130	130
NA26	SD0148	09/19/2002		2	4	15 *U*	29 *U*	15 *U*	15 *U*	15 *U*	15 *U*	15 *U*	29 *U*	15 *U*	15 *U*	72 *U*	72 *U*
NA26	SD0149	09/19/2002		4	6	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25 *U*	13 *U*	13 *U*	61 *U*	61 *U*
NA26	SD0150	09/19/2002		6	7.5	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	12 *U*	12 *U*	59 *U*	59 *U*

Table B2-6. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Aroclors® 1016	1221	1232	1242	1248	1254	1260	Total[a]	PCT Aroclors® 5432	5442	5460	Total[a]
NA29	SD0162	09/21/2002		0	2	17 *U*	33 *U*	17 *U*	17 *U*	43	150	150	340	17 *U*	17 *U*	180	180
NA29	SD0163	09/21/2002	1	2	4.4	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25 *U*	13 *U*	13 *U*	61 *U*	61 *U*
NA29	SD0164	09/21/2002	2	2	4.4	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25 *U*	13 *U*	13 *U*	61 *U*	61 *U*
NA30	SD0151	09/20/2002		0	2	16 *U*	32 *U*	16 *U*	16 *U*	16 *U*	68	83	150	16 *U*	16 *U*	80	80
NA30	SD0152	09/20/2002		2	3.4	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25 *U*	13 *U*	13 *U*	63 *U*	63 *U*
NA31	SD0144	09/19/2002		0	2	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	26 *U*	13 *U*	13 *U*	64 *U*	64 *U*
NA31	SD0145	09/19/2002		2	3	5.9 *U*	12 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	5.9 *U*	12 *U*	12 *U*	12 *U*	59 *U*	59 *U*
Southwest Marine																	
SW01	SD0001	08/13/2002		0	2	170 *U*	330 *U*	170 *U*	170 *U*	840	460	260	1,600	33 *U*	33 *U*	230 *J*	230 *J*
SW01	SD0002	08/13/2002		2	4	14 *U*	28 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	28 *U*	28 *U*	28 *U*	140 *U*	140 *U*
SW01	SD0003	08/13/2002		4	5.4	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	24 *U*	24 *U*	120 *U*	120 *U*
SW02	SD0027	08/27/2002		0	2	19 *U*	37 *U*	19 *U*	19 *U*	610 *J*	780	480	1,900 *J*	190 *U*	190 *U*	1,600	1,600
SW02	SD0028	08/27/2002		2	4	15 *U*	29 *U*	15 *U*	15 *U*	15 *U*	18	15 *U*	18	15 *U*	15 *U*	72 *U*	72 *U*
SW02	SD0037	08/27/2002		4	4.9	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25 *U*	13 *U*	13 *U*	61 *U*	61 *U*
SW04	SD0025	08/27/2002		0	2	150 *U*	290 *U*	150 *U*	150 *U*	1,300	1,200	610	3,100	150 *U*	150 *U*	2,300	2,300
SW04	SD0026	08/27/2002		2	4.1	1,500 *U*	2,900 *U*	1,500 *U*	1,500 *U*	16,000	13,000	6,500	36,000	1,500 *U*	1,500 *U*	24,000	24,000
SW08	SD0033	08/28/2002	1	0	2	1,900 *U*	3,800 *U*	1,900 *U*	1,900 *U*	9,300	7,000	4,100	20,000	1,900 *U*	1,900 *U*	19,000	19,000
SW08	SD0040	08/28/2002	2	0	2	950 *U*	1,900 *U*	950 *U*	950 *U*	12,000	8,700	4,400	25,000	1,900 *U*	1,900 *U*	35,000	35,000
SW08	SD0038	08/28/2002		2	4	1,400 *U*	2,800 *U*	1,400 *U*	1,400 *U*	15,000	12,000	6,600	34,000	1,400 *U*	1,400 *U*	33,000	33,000
SW08	SD0039	08/28/2002		4	6	130 *U*	250 *U*	130 *U*	130 *U*	1,100	600	290	2,000	130 *U*	130 *U*	2,800 *J*	2,800 *J*
SW08	SD0048	08/28/2002		6	6.5	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	24 *U*	24 *U*	120 *U*	120 *U*
SW10	SD0041	08/28/2002		0	2	17 *U*	33 *U*	17 *U*	17 *U*	54 *J*	190	140	380 *J*	33 *U*	33 *U*	550	550
SW10	SD0042	08/28/2002		2	2.9	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	24 *U*	24 *U*	120 *U*	120 *U*
SW12	SD0020A	08/27/2002		0	2	19 *U*	37 *U*	19 *U*	19 *U*	79 *J*	150	130	360 *J*	19 *U*	19 *U*	350	350
SW12	SD0021	08/27/2002		2	3.7	13 *U*	25 *U*	13 *U*	13 *U*	16	35	31	82	13 *U*	13 *U*	80	80
SW17	SD0017	08/26/2002		0	2	27 *U*	53 *U*	27 *U*	27 *U*	210 *J*	510	680	1,400 *J*	27 *U*	27 *U*	830	830
SW17	SD0018	08/26/2002		2	4	88 *U*	180 *U*	88 *U*	88 *U*	570 *J*	880 *J*	930 *J*	2,400 *J*	88 *U*	88 *U*	1,700	1,700
SW17	SD0019	08/26/2002		4	6.2	14 *U*	27 *U*	14 *U*	14 *U*	190 *J*	280	190	660 *J*	14 *U*	14 *U*	490	490
SW19	SD0029	08/28/2002		0	2	19 *U*	38 *U*	19 *U*	19 *U*	49 *J*	97	100	250 *J*	19 *U*	19 *U*	180	180
SW19	SD0030	08/28/2002		2	4	14 *U*	27 *U*	14 *U*	14 *U*	14 *U*	14 *U*	15	15	14 *U*	14 *U*	66 *U*	66 *U*
SW19	SD0031	08/28/2002		4	5.4	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	26 *U*	13 *U*	13 *U*	64 *U*	64 *U*
SW20	SD0004	08/13/2002		0	1.5	330 *U*	650 *U*	330 *U*	330 *U*	330 *U*	3,500	3,300	6,800	650 *U*	650 *U*	3,300 *U*	3,300 *U*
SW20	SD0005	08/13/2002		1.5	2.4	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	270	290	560	25 *U*	25 *U*	130 *U*	130 *U*
SW24	SD0006	08/13/2002		0	2	190 *U*	380 *U*	190 *U*	190 *U*	1,100 *J*	3,200 *J*	3,200 *J*	7,500 *J*	380 *U*	380 *U*	2,800	2,800
SW24	SD0007	08/13/2002		2	3	13 *U*	26 *U*	13 *U*	13 *U*	190	310	380	880	26 *U*	26 *U*	130 *U*	130 *U*
SW25	SD0008	08/13/2002		0	2	16 *U*	31 *U*	16 *U*	16 *U*	54	150	92 *J*	300 *J*	31 *U*	31 *U*	290	290
SW25	SD0009	08/13/2002		2	4.2	18 *U*	35 *U*	18 *U*	18 *U*	220	380	370	970	35 *U*	35 *U*	430	430
SW27	SD0014	08/14/2002	1	0	2	18 *U*	36 *U*	18 *U*	18 *U*	110	290	270	670	36 *U*	36 *U*	520	520
SW27	SD0016	08/14/2002	2	0	2	18 *U*	36 *U*	18 *U*	18 *U*	90	240	210 *J*	540 *J*	36 *U*	36 *U*	500	500
SW27	SD0015	08/14/2002		2	4.3	14 *U*	27 *U*	14 *U*	14 *U*	42	58	58	160	27 *U*	27 *U*	140 *U*	140 *U*
SW27	SD0013	08/14/2002		5.3	5.6	13 *U*	25 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	25 *U*	25 *U*	25 *U*	130 *U*	130 *U*
SW28	SD0010	08/14/2002		0	2	200 *U*	400 *U*	200 *U*	200 *U*	730 *J*	2,300 *J*	1,900 *J*	4,900 *J*	400 *U*	400 *U*	3,300	3,300
SW28	SD0011	08/14/2002		2	4	17 *U*	34 *U*	17 *U*	17 *U*	430	640	400	1,500	34 *U*	34 *U*	560	560
SW28	SD0012	08/14/2002		4	5.3	17 *U*	34 *U*	17 *U*	17 *U*	24	45	57	130	34 *U*	34 *U*	170 *U*	170 *U*
SW29	SD0043	08/28/2002		0	2	160 *U*	310 *U*	160 *U*	160 *U*	160 *U*	1,300 *J*	770 *J*	2,100 *J*	310 *U*	310 *U*	4,600 *J*	4,600 *J*
SW29	SD0044	08/28/2002		2	4	14 *U*	27 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	27 *U*	27 *U*	27 *U*	140 *U*	140 *U*
SW29	SD0045	08/28/2002		4	6	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	26 *U*	26 *U*	26 *U*	130 *U*	130 *U*
SW29	SD0046	08/28/2002		6	7	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	24 *U*	24 *U*	120 *U*	120 *U*
SW30	SD0055	08/29/2002		0	2	25 *U*	50 *U*	25 *U*	25 *U*	25 *U*	560	420	980	50 *U*	50 *U*	1,100	1,100
SW30	SD0056	08/29/2002		2	4	29 *U*	57 *U*	29 *U*	29 *U*	29 *U*	61	130	190	57 *U*	57 *UJ*	290 *U*	290 *UJ*

Table B2-6. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Aroclors®								PCT Aroclors®			
						1016	1221	1232	1242	1248	1254	1260	Total[a]	5432	5442	5460	Total[a]
SW30	SD0057	08/29/2002		4	6	19 *U*	37 *U*	19 *U*	19 *U*	19 *U*	19 *U*	19 *U*	37 *U*	37 *U*	37 *UJ*	190 *U*	190 *UJ*
SW30	SD0058	08/29/2002		6	8	14 *U*	28 *U*	14 *U*	14 *U*	14 *U*	14 *U*	14 *U*	28 *U*	28 *U*	28 *UJ*	140 *U*	140 *UJ*
SW30	SD0060	08/29/2002		8	8.7	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	26 *U*	26 *U*	26 *UJ*	130 *U*	130 *UJ*
SW31	SD0024	08/27/2002		0	2	14 *U*	28 *U*	14 *U*	14 *U*	14 *U*	350	240	590	14 *U*	14 *U*	70 *U*	70 *U*
SW31	SD0034	08/27/2002		2	2.9	13 *U*	26 *U*	13 *U*	13 *U*	13 *U*	13 *U*	13 *U*	26 *U*	13 *U*	13 *U*	65 *U*	65 *U*
SW32	SD0051	08/29/2002		0	2	19 *U*	37 *U*	19 *U*	19 *U*	47 *J*	71	86	200 *J*	36 *U*	36 *U*	180 *U*	93 *J*
SW32	SD0059	08/29/2002		2	2.8	12 *U*	24 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	24 *U*	24 *U*	24 *UJ*	120 *U*	120 *UJ*
SW33	SD0032	08/28/2002		0	2	16 *U*	31 *U*	16 *U*	16 *U*	28 *J*	53	63	140 *J*	16 *U*	16 *U*	140 *J*	140 *J*
SW33	SD0047	08/28/2002		2	2.5	12 *U*	23 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	23 *U*	23 *U*	23 *U*	120 *U*	120 *U*
SW34	SD0052	08/29/2002	1	0	2	16 *U*	31 *U*	16 *U*	16 *U*	16 *U*	82	120	200	32 *U*	32 *U*	160 *J*	160 *J*
SW34	SD0054	08/29/2002	2	0	2	16 *U*	32 *U*	16 *U*	16 *U*	16 *U*	110 *J*	130 *J*	240 *J*	32 *U*	32 *U*	160 *U*	140 *J*
SW36	SD0022	08/27/2002		0	2	28 *U*	55 *U*	28 *U*	28 *U*	110 *J*	260 *J*	340 *J*	710 *J*	28 *U*	28 *U*	440	440
SW36	SD0023	08/27/2002		2	4.3	20 *U*	40 *U*	20 *U*	20 *U*	230 *J*	720	540	1,500 *J*	200 *U*	200 *U*	1,600	1,600

Note: All results reported as µg/kg dry weight.

J - estimated
PCB - polychlorinated biphenyl
PCT - polychlorinated terphenyl
U - undetected at quantitation limit shown

[a] Total PCB and total PCT for each sample is computed as the sum of Aroclors® according to the following rules: 1) if any Aroclor® is detected, all detected Aroclors® are summed; 2) if no Aroclor® is detected, the highest quantitation limit for any Aroclor® is used.

Table B2-7. PCB congener and homolog results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners										
						18	28	37	44	49	52	66	70	74	77	81
NASSCO																
NA01	SD0141	09/18/2002		0	2	6.2	14	4.2	29	25	53	42	53	22	4.3	1.2
NA01	SD0142	09/18/2002	1	2	4	11	23	6.1	35	32	50	51	65	29	4.9	0.94
NA01	SD0146	09/18/2002	2	2	4	11	23	6.3	34	32	51	51	64	29	4.8	1.1
NA01	SD0143	09/18/2002		5	5.5	0.88	2.5	0.60	4.7	4.9	9.5	6.6	10	3.8	0.62	0.24
NA02	SD0139	09/18/2002		0	2	0.98	2.3	0.84	0.025 *U*	5.3	8.6	8.5	7.9	3.8	0.78	0.23
NA02	SD0140	09/18/2002		2	3.7	0.48	0.92	0.24	1.3	1.5	2.0	2.4	2.3	1.2	0.14	0.039
NA04	SD0084	09/04/2002		0	2	11	20	2.4	18	21	27	30	23	12	2.1	0.36
NA04	SD0085	09/04/2002		2	4	4.2	9.0	2.3	7.9	9.1	13	19	17	8.4	2.7	0.41
NA04	SD0086	09/04/2002		4	6	7.2	18	5.4	30	31	49	45	51	24	5.8	0.90
NA04	SD0087	09/04/2002		6	8.3	21	39	8.6	65	59	100	83	110	48	7.1	1.9
NA06	SD0068	09/03/2002		0	2	4.3	8.5	1.7	17	6.5	28	24	28	12	1.6	0.65
NA06	SD0069	09/03/2002		2	3.9	10	19	3.7	32	12	53	43	57	24	2.3	1.2
NA09	SD0079	09/04/2002		0	2	46	71	12	40	36	100	130	170	71	8.5	3.1
NA09	SD0080	09/04/2002		2	4	43	64	14	46	39	240	160	240	93	12	5.2
NA09	SD0081	09/04/2002		4	6	83	130	26	71	56	310	230	330	140	17	5.2
NA09	SD0082	09/04/2002		6	8	0.39	0.59	0.14	1.1	0.38	1.9	1.5	2.0	0.81	0.11	0.035
NA09	SD0083	09/04/2002		8	8.8	0.14	0.21	0.050	0.14	0.12	0.36	0.55	0.79	0.29	0.038	0.025 *U*
NA13	SD0156	09/20/2002		0	2	0.44	0.96	0.27	2.4	2.1	5.1	3.2	4.0	1.6	0.35	0.16
NA13	SD0157	09/20/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA16	SD0075	09/04/2002		0	2	3.3	8.1	1.6	12	12	21	17	22	9.4	0.94	0.39
NA16	SD0076	09/04/2002	1	2	4	19	33	7.6	21	18	84	74	94	42	4.7	1.9
NA16	SD0078	09/04/2002	2	2	4	8.9	16	3.5	23	8.7	38	32	40	18	2.1	0.57
NA16	SD0077	09/04/2002		4	6.1	0.63	1.2	0.27	0.70	0.61	2.6	2.6	3.2	1.5	0.17	0.051
NA17	SD0088	09/04/2002		0	2	1.1	1.9	0.69	9.1	6.3	21	9.1	15	4.4	1.4	0.61
NA17	SD0089	09/04/2002		2	4	7.0	9.0	1.9	9.4	8.1	16	17	21	9.0	1.6	0.50
NA17	SD0090	09/04/2002		4	5.1	0.14	0.11	0.025 *U*	0.13	0.13	0.23	0.10	0.100	0.049	0.025 *U*	0.025 *U*
NA19	SD0065	09/03/2002		0	2	2.1	1.2	0.99	13	9.4	28	13	23	6.7	2.5	0.87
NA19	SD0066	09/03/2002		2	4	5.3	1.7	1.7	21	16	41	20	36	12	1.6	0.97
NA19	SD0067	09/03/2002		4	5.8	3.4	5.3	1.5	8.7	3.2	15	12	16	6.8	0.65	0.31
NA20	SD0070	09/04/2002		0	2	0.30	0.36	0.40	0.95	1.3	2.5	3.6	3.6	1.5	0.39	0.12
NA20	SD0071	09/04/2002		2	4	0.59	1.5	0.48	0.93	1.2	2.2	3.7	3.2	1.5	0.48	0.15
NA20	SD0072	09/04/2002	1	4	6	1.8	3.6	1.1	5.5	1.9	8.9	6.8	7.7	3.5	0.68	0.23
NA20	SD0074	09/04/2002	2	4	6	1.9	3.3	1.2	2.0	1.8	8.0	6.6	7.4	3.4	0.69	0.26
NA20	SD0073	09/04/2002		6	8.1	0.45	0.76	0.28	1.1	0.96	1.7	1.4	1.6	0.73	0.14	0.055
NA21	SD0158	09/21/2002		0	2	4.9	12	3.3	19	18	31	28	38	15	3.2	0.90
NA21	SD0159	09/21/2002		2	4	0.29	0.57	0.12 *U*	1.3	1.6	2.7	2.0	3.1	1.1	0.30	0.13
NA21	SD0160	09/21/2002		4	6	0.12	0.24	0.074	0.46	0.51	0.83	0.73	0.89	0.39	0.073	0.025 *U*
NA21	SD0161	09/21/2002		6	7.6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA23	SD0091	09/04/2002		0	2	1.4	2.9	0.72	4.3	4.2	8.0	8.2	8.7	3.4	1.00	0.29
NA23	SD0092	09/04/2002		2	4	4.0	7.9	1.5	12	9.7	20	16	21	8.2	1.4	0.51
NA23	SD0093	09/04/2002		4	4.7	0.19	0.28	0.052	0.39	0.65	0.79	0.71	0.71	0.29	0.045	0.025 *U*
NA24	SD0165	09/21/2002		0	2	0.26	0.64	0.18	1.2	1.3	2.3	2.1	1.8	0.80	0.22	0.071

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners										
						18	28	37	44	49	52	66	70	74	77	81
NA24	SD0166	09/21/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0153	09/20/2002		0	2	0.070	0.19	0.086	0.26	0.33	0.54	0.63	0.47	0.22	0.075	0.025 *U*
NA25	SD0154	09/20/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0155	09/20/2002		4	5.2	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0147	09/19/2002		0	2	0.11	0.32	0.14	0.51	0.65	0.93	1.2	0.74	0.39	0.12	0.033
NA26	SD0148	09/19/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0149	09/19/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.041	0.043	0.083	0.047	0.056	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0150	09/19/2002		6	7.5	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0162	09/21/2002		0	2	0.42	0.97	0.36	2.3	2.3	4.4	3.6	3.3	1.5	0.40	0.15
NA29	SD0163	09/21/2002	1	2	4.4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.030	0.039	0.025	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0164	09/21/2002	2	2	4.4	0.025 *U*	0.029	0.025 *U*	0.066	0.065	0.12	0.11	0.10	0.047	0.025 *U*	0.025 *U*
NA30	SD0151	09/20/2002		0	2	0.23	0.52	0.21	1.1	1.3	2.1	2.0	1.4	0.70	0.18	0.056
NA30	SD0152	09/20/2002		2	3.4	0.025 *U*	0.025 *U*	0.025 *U*	0.027	0.038	0.046	0.051	0.027	0.025 *U*	0.025 *U*	0.025 *U*
NA31	SD0144	09/19/2002		0	2	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.029	0.041	0.029	0.025 *U*	0.025 *U*	0.025 *U*
NA31	SD0145	09/19/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
Southwest Marine																
SW01	SD0001	08/13/2002		0	2	14	23	3.6	28	38	38	44	42	19	3.3	0.40
SW01	SD0002	08/13/2002		2	4	0.13	0.18	0.033	0.23	0.28	0.31	0.34	0.34	0.15	0.029	0.025 *U*
SW01	SD0003	08/13/2002		4	5.4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW02	SD0027	08/27/2002		0	2	10	16	4.2	34	28	51	39	40	22	4.4	0.87
SW02	SD0028	08/27/2002		2	4	0.16	0.39	0.068	0.56	0.52	0.82	0.71	0.94	0.43	0.060	0.024 *U*
SW02	SD0037	08/27/2002		4	4.9	0.033	0.055	0.025 *U*	0.10	0.087	0.15	0.11	0.15	0.063	0.025 *U*	0.025 *U*
SW04	SD0025	08/27/2002		0	2	16	28	3.7	31	15	54	40	52	21	2.8	0.91
SW04	SD0026	08/27/2002		2	4.1	680	750	94	870	1,200	1,500	1,200	1,300	570	81	12
SW08	SD0033	08/28/2002	1	0	2	210	300	36	190	320	360	410	430	170	27	3.3
SW08	SD0040	08/28/2002	2	0	2	190	320	37	220	370	410	450	470	180	29	2.8
SW08	SD0038	08/28/2002		2	4	290	340	53	290	390	500	490	530	230	34	5.5
SW08	SD0039	08/28/2002		4	6	26	22	2.6	9.5	28	30	27	27	11	1.8	0.16
SW08	SD0048	08/28/2002		6	6.5	0.26	0.31	0.031	0.10	0.47	0.44	0.44	0.40	0.14	0.027	0.025 *U*
SW10	SD0041	08/28/2002		0	2	1.9	2.6	0.44	3.6	3.8	8.0	5.6	7.1 *U*	2.6	0.37	0.19
SW10	SD0042	08/28/2002		2	2.9	0.030	0.040	0.025 *U*	0.047	0.062	0.081	0.074	0.070	0.034	0.025 *U*	0.025 *U*
SW12	SD0020A	08/27/2002		0	2	0.60	0.87	0.30	3.8	0.79	8.5	3.3	6.1	1.8	0.23	0.22
SW12	SD0021	08/27/2002		2	3.7	0.067	0.13	0.036	0.33	0.43	0.64	0.50	0.38	0.18	0.041	0.024 *U*
SW17	SD0017	08/26/2002		0	2	1.6	3.4	0.86	3.3	7.0	8.3	11	9.6	4.1	1.3	0.31
SW17	SD0018	08/26/2002		2	4	4.7	8.5	1.6	8.6	21	21	20	21	8.9	1.7	0.52
SW17	SD0019	08/26/2002		4	6.2	3.5	4.9	0.84	11	10	19	10	15	5.8	0.64	0.32
SW19	SD0029	08/28/2002		0	2	0.13	0.37	0.20	0.61	0.85	1.2	1.5	0.97	0.48	0.18	0.035
SW19	SD0030	08/28/2002		2	4	0.025 *U*	0.059	0.027	0.12	0.16	0.24	0.25	0.17	0.081	0.026	0.025 *U*
SW19	SD0031	08/28/2002		4	5.4	0.025 *U*	0.037	0.025 *U*	0.070	0.096	0.13	0.16	0.095	0.050	0.025 *U*	0.025 *U*
SW20	SD0004	08/13/2002		0	1.5	17	20	3.1	21	180	81	56	44	15	3.0	0.81
SW20	SD0005	08/13/2002		1.5	2.4	3.2	5.3	0.64	2.8	56	14	11	6.1	2.5	0.35	0.11
SW24	SD0006	08/13/2002		0	2	20	23	5.7	43	65	73	61	77	32	5.1	2.1
SW24	SD0007	08/13/2002		2	3	4.9	6.0	1.3	8.5	9.9	14	11	15	6.2	1.1	0.32

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners										
						18	28	37	44	49	52	66	70	74	77	81
SW25	SD0008	08/13/2002		0	2	0.73	0.98	0.22	2.1	3.1	4.2	3.2	3.1	1.3	0.26	0.10
SW25	SD0009	08/13/2002		2	4.2	1.5	2.2	0.63	0.024 *U*	4.4	6.3	7.2	7.9	3.6	0.73	0.19
SW27	SD0014	08/14/2002	1	0	2	1.5	2.4	0.41	4.1	4.8	8.2	5.9	6.4	2.6	0.60	0.22
SW27	SD0016	08/14/2002	2	0	2	1.9	3.4	0.49	5.1	5.9	10	7.3	8.2	3.3	0.75	0.27
SW27	SD0015	08/14/2002		2	4.3	1.3	2.3	0.15	1.4	3.8	3.5	2.6	2.4	0.93	0.12	0.040
SW27	SD0013	08/14/2002		5.3	5.6	0.41	0.21	0.025 *U*	0.055	0.51	0.44	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW28	SD0010	08/14/2002		0	2	7.1	9.6	2.8	25	24	44	32	50	19	4.1	1.3
SW28	SD0011	08/14/2002		2	4	0.25 *U*	11	2.6	19	20	34	25	38	16	2.8	0.75
SW28	SD0012	08/14/2002		4	5.3	0.24	0.33	0.073	0.76	0.97	1.6	0.94	1.2	0.51	0.075	0.031
SW29	SD0043	08/28/2002		0	2	3.0	4.0	1.1	21	14	46	17	34	9.9	1.3	1.1
SW29	SD0044	08/28/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.050	0.031	0.12	0.032	0.086	0.025 *U*	0.025 *U*	0.025 *U*
SW29	SD0045	08/28/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW29	SD0046	08/28/2002		6	7	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0055	08/29/2002		0	2	2.6	3.7	1.0	11	8.2	23	12	18	5.8	0.89	0.53
SW30	SD0056	08/29/2002		2	4	0.16	0.23	0.054	0.39	0.34	0.82	0.52	0.70	0.28	0.054	0.026
SW30	SD0057	08/29/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0058	08/29/2002		6	8	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0060	08/29/2002		8	8.7	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW31	SD0024	08/27/2002		0	2	0.17	0.40	0.066	0.63	1.0	1.5	1.0	0.93	0.39	0.075	0.028
SW31	SD0034	08/27/2002		2	2.9	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW32	SD0051	08/29/2002		0	2	0.14	0.42	0.17	1.1	0.92	2.3	1.5	1.7	0.56	0.15	0.057
SW32	SD0059	08/29/2002		2	2.8	0.025 *U*	0.043	0.025 *U*	0.12	0.13	0.18	0.21	0.18	0.084	0.025 *U*	0.025 *U*
SW33	SD0032	08/28/2002		0	2	0.13	0.34	0.12	0.68	0.72	1.4	1.1	0.96	0.40	0.11	0.038
SW33	SD0047	08/28/2002		2	2.5	0.025 *U*	0.039	0.025 *U*	0.060	0.093	0.11	0.16	0.072	0.049	0.025 *U*	0.025 *U*
SW34	SD0052	08/29/2002	1	0	2	0.29	0.62	0.19	0.99	1.2	1.7	2.0	1.5	0.75	0.17	0.060
SW34	SD0054	08/29/2002	2	0	2	0.23	0.53	0.19	1.1	1.2	2.3	2.0	1.8	0.77	0.18	0.061
SW34	SD0053	08/29/2002		2	2.8	0.025 *U*	0.028	0.025 *U*	0.038	0.053	0.065	0.083	0.044	0.031	0.025 *U*	0.025 *U*
SW36	SD0022	08/27/2002		0	2	2.5	3.8	0.77	8.1	3.3	18	8.2	13	3.7	0.94	0.42
SW36	SD0023	08/27/2002		2	4.3	2.1	3.9	0.99	7.4	6.0	20	12	22	6.2	1.7	0.72

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.) 87	90 and 101	99	105	110	114	118	119	123	126
NASSCO															
NA01	SD0141	09/18/2002		0	2	50	120	47	40	82	1.9	92	1.6	1.6	0.29
NA01	SD0142	09/18/2002	1	2	4	39	92	37	32	59	1.6	74	1.2	1.2	0.25 *U*
NA01	SD0146	09/18/2002	2	2	4	38	90	36	31	58	1.5	69	1.1	2.8	0.25 *U*
NA01	SD0143	09/18/2002		5	5.5	9.5	24	10.0	7.3	17	0.34	0.26	0.35	1.5	0.12 *U*
NA02	SD0139	09/18/2002		0	2	9.0	0.22	11	8.3	18	0.31	19	0.57	0.77	0.13
NA02	SD0140	09/18/2002		2	3.7	1.6	4.2	1.8	1.4	2.8	0.069	3.3	0.092	0.056	0.025 *U*
NA04	SD0084	09/04/2002		0	2	20	53	28	16	34	0.52	43	1.7	0.98	0.21
NA04	SD0085	09/04/2002		2	4	23	62	29	20	36	0.025 *U*	48	1.5	1.6	0.29
NA04	SD0086	09/04/2002		4	6	45	110	48	40	73	1.1	89	1.8	2.8	0.54
NA04	SD0087	09/04/2002		6	8.3	72	170	71	60	120	1.9	130	2.7	3.9	0.67
NA06	SD0068	09/03/2002		0	2	30	67	31	21	46	1.1	55	1.5	0.97	0.19
NA06	SD0069	09/03/2002		2	3.9	52	100	46	35	74	2.0	85	2.0	1.4	0.24
NA09	SD0079	09/04/2002		0	2	130	290	120	93	200	4.4	220	4.9	2.9	0.86
NA09	SD0080	09/04/2002		2	4	200	420	170	150	310	5.3	340	6.4	4.0	1.3
NA09	SD0081	09/04/2002		4	6	220	460	200	160	310	8.2	360	7.2	5.7	1.1
NA09	SD0082	09/04/2002		6	8	1.5	3.7	1.7	1.2	2.5	0.047	2.9	0.078	0.042	0.025 *U*
NA09	SD0083	09/04/2002		8	8.8	0.75	1.5	0.64	0.52	1.1	0.025 *U*	1.2	0.025 *U*	0.025 *U*	0.025 *U*
NA13	SD0156	09/20/2002		0	2	6.7	16	6.5	4.9	10	0.24	11	0.28	0.48	0.055
NA13	SD0157	09/20/2002		2	3	0.025 *U*	0.049 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA16	SD0075	09/04/2002		0	2	13	33	13	10	23	0.35	22	0.55	0.76	0.25 *U*
NA16	SD0076	09/04/2002	1	2	4	64	140	58	52	100	1.6	110	2.1	1.5	0.58
NA16	SD0078	09/04/2002	2	2	4	26	58	26	22	42	0.64	46	1.0	0.60	0.25 *U*
NA16	SD0077	09/04/2002		4	6.1	2.0	4.7	2.1	1.7	3.1	0.077	3.7	0.076	0.054	0.025 *U*
NA17	SD0088	09/04/2002		0	2	28	67	28	20	48	0.85	52	1.2	1.4	0.30
NA17	SD0089	09/04/2002		2	4	23	49	22	16	33	0.67	40	0.90	0.67	0.17
NA17	SD0090	09/04/2002		4	5.1	0.092	0.22	0.10	0.061	0.16	0.025 *U*	0.16	0.025 *U*	0.025 *U*	0.025 *U*
NA19	SD0065	09/03/2002		0	2	41	87	36	26	58	1.1	65	1.6	1.2	0.43
NA19	SD0066	09/03/2002		2	4	46	93	37	29	64	1.2	70	1.4	1.00	0.34
NA19	SD0067	09/03/2002		4	5.8	15	32	14	9.8	20	0.38	23	0.62	0.41	0.099
NA20	SD0070	09/04/2002		0	2	5.0	13	6.4	3.9	8.9	0.13	11	0.37	0.18	0.090
NA20	SD0071	09/04/2002		2	4	6.3	17	7.7	5.1	12	0.17	13	0.43	0.32	0.12
NA20	SD0072	09/04/2002	1	4	6	10.0	25	9.2	7.2	16	0.36	18	0.35	0.35	0.14
NA20	SD0074	09/04/2002	2	4	6	11	27	9.7	7.9	17	0.22	20	0.40	0.41	0.15
NA20	SD0073	09/04/2002		6	8.1	2.2	6.3	2.1	1.6	3.7	0.051 *U*	4.3	0.084	0.093	0.042
NA21	SD0158	09/21/2002		0	2	31	77	29	27	50	1.2	58	0.85	0.89	0.25 *U*
NA21	SD0159	09/21/2002		2	4	0.18	14	3.9	2.9	7.1	0.12 *U*	7.6	0.14	0.49	0.12 *U*
NA21	SD0160	09/21/2002		4	6	0.93	2.5	0.95	0.81	1.6	0.035	1.8	0.030	0.060	0.025 *U*
NA21	SD0161	09/21/2002		6	7.6	0.025 *U*	0.049 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA23	SD0091	09/04/2002		0	2	15	38	18	11	24	0.33	30	0.97	0.55	0.17
NA23	SD0092	09/04/2002		2	4	24	54	23	17	37	0.74	0.54	0.95	0.56	0.15
NA23	SD0093	09/04/2002		4	4.7	0.51	1.8	1.1	0.35	1.0	0.025 *U*	1.4	0.080	0.025 *U*	0.025 *U*
NA24	SD0165	09/21/2002		0	2	2.9	8.3	4.1	2.4	5.6	0.098	6.1	0.27	0.25	0.028

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.)									
						87	90 and 101	99	105	110	114	118	119	123	126
NA24	SD0166	09/21/2002		2	4	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0153	09/20/2002		0	2	0.052	2.3	1.3	0.75	1.6	0.032	2.1	0.082	0.084	0.025 *U*
NA25	SD0154	09/20/2002		2	4	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0155	09/20/2002		4	5.2	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0147	09/19/2002		0	2	1.3	4.0	2.4	1.2	2.7	0.060	3.4	0.15	0.18	0.025 *U*
NA26	SD0148	09/19/2002		2	4	0.025 *U*	0.049 *U*	0.025 *U*	0.025 *U*	0.026	0.025 *U*	0.026	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0149	09/19/2002		4	6	0.073	0.12	0.054	0.046	0.097	0.025 *U*	0.096	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0150	09/19/2002		6	7.5	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0162	09/21/2002		0	2	5.7	15	6.5	4.6	10	0.21	11	0.31	0.45	0.041
NA29	SD0163	09/21/2002	1	2	4.4	0.050	0.12	0.059	0.043	0.080	0.025 *U*	0.093	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0164	09/21/2002	2	2	4.4	0.23	0.49	0.20	0.19	0.36	0.025 *U*	0.43	0.025 *U*	0.025 *U*	0.025 *U*
NA30	SD0151	09/20/2002		0	2	2.1	6.1	3.0	1.9	4.0	0.075	4.8	0.18	0.20	0.025 *U*
NA30	SD0152	09/20/2002		2	3.4	0.054	0.18	0.090	0.050	0.10	0.025 *U*	0.12	0.025 *U*	0.025 *U*	0.025 *U*
NA31	SD0144	09/19/2002		0	2	0.052	0.15	0.091	0.049	0.094	0.025 *U*	0.14	0.025 *U*	0.025 *U*	0.025 *U*
NA31	SD0145	09/19/2002		2	3	0.025 *U*	0.051 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
Southwest Marine															
SW01	SD0001	08/13/2002		0	2	14	32	17	12	21	0.50	25	1.5	0.51	0.11
SW01	SD0002	08/13/2002		2	4	0.10	0.27	0.13	0.096	0.18	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW01	SD0003	08/13/2002		4	5.4	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW02	SD0027	08/27/2002		0	2	38	74	33	27	51	1.4	58	1.2	1.8	0.26
SW02	SD0028	08/27/2002		2	4	0.40	0.93	0.41	0.39	0.69	0.024 *U*	0.75	0.024 *U*	0.024 *U*	0.024 *U*
SW02	SD0037	08/27/2002		4	4.9	0.070	0.17	0.068	0.059	0.13	0.025 *U*	0.13	0.025 *U*	0.025 *U*	0.025 *U*
SW04	SD0025	08/27/2002		0	2	37	84	36	25	54	1.4	67	1.8	1.1	0.23
SW04	SD0026	08/27/2002		2	4.1	530	1,300	680	400	860	23	1,100	39	17	2.9
SW08	SD0033	08/28/2002	1	0	2	210	610	350	130	270	8.0	490	26	7.1	1.1
SW08	SD0040	08/28/2002	2	0	2	230	670	380	130	290	9.3	540	29	8.6	1.0
SW08	SD0038	08/28/2002		2	4	330	840	430	200	450	13	660	28	11	1.5
SW08	SD0039	08/28/2002		4	6	5.7	19	11	4.8	8.6	0.22	16	0.67	0.21	0.051
SW08	SD0048	08/28/2002		6	6.5	0.054	0.28	0.19	0.049	0.082	0.025 *U*	0.23	0.025 *U*	0.025 *U*	0.025 *U*
SW10	SD0041	08/28/2002		0	2	8.2	20	9.2	6.7	13	0.20	15	0.48	0.21	0.074
SW10	SD0042	08/28/2002		2	2.9	0.053	0.16	0.082	0.052	0.099	0.025 *U*	0.12	0.025 *U*	0.025 *U*	0.025 *U*
SW12	SD0020A	08/27/2002		0	2	9.3	20	8.8	6.9	14	0.28	17	0.36	0.26	0.078
SW12	SD0021	08/27/2002		2	3.7	0.48	1.5	0.80	0.38	1.1	0.024 *U*	1.2	0.045	0.024 *U*	0.024 *U*
SW17	SD0017	08/26/2002		0	2	16	53	31	12	25	0.31	34	3.1	2.4	0.17
SW17	SD0018	08/26/2002		2	4	23	77	41	16	35	0.79	42	5.7	0.65	0.20
SW17	SD0019	08/26/2002		4	6.2	12	28	11	8.8	19	0.45	20	0.53	0.31	0.074
SW19	SD0029	08/28/2002		0	2	1.7	5.4	3.4	1.6	3.6	0.025	4.9	0.23	0.098	0.041
SW19	SD0030	08/28/2002		2	4	0.25	0.87	0.47	0.27	0.61	0.025 *U*	0.72	0.028	0.025 *U*	0.025 *U*
SW19	SD0031	08/28/2002		4	5.4	0.14	0.51	0.28	0.16	0.35	0.025 *U*	0.43	0.025 *U*	0.025 *U*	0.025 *U*
SW20	SD0004	08/13/2002		0	1.5	60	320	260	30	0.26	1.6	110	0.025 *U*	0.025 *U*	0.37
SW20	SD0005	08/13/2002		1.5	2.4	7.3	53	45	2.5	9.0	0.025 *U*	10	11	0.14	0.034
SW24	SD0006	08/13/2002		0	2	69	250	120	49	110	2.6	120	13	1.8	0.52
SW24	SD0007	08/13/2002		2	3	13	44	18	8.8	20	0.49	22	1.6	0.31	0.080

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.)									
						87	90 and 101	99	105	110	114	118	119	123	126
SW25	SD0008	08/13/2002		0	2	3.7	13	6.7	3.1	7.5	0.11	7.6	0.59	0.15	0.049
SW25	SD0009	08/13/2002		2	4.2	7.9	25	12	5.9	15	0.25	16	0.92	6.1	0.083
SW27	SD0014	08/14/2002	1	0	2	9.0	25	11	7.2	17	0.29	18	0.71	0.29	0.096
SW27	SD0016	08/14/2002	2	0	2	12	33	15	8.8	20	0.33	23	0.97	0.36	0.12
SW27	SD0015	08/14/2002		2	4.3	1.8	5.6	2.6	1.3	3.4	0.048	3.8	0.21	0.052	0.025 *U*
SW27	SD0013	08/14/2002		5.3	5.6	0.046	0.16	0.075	0.032	0.089	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW28	SD0010	08/14/2002		0	2	59	160	57	40	88	2.4	110	2.4	2.8	0.45
SW28	SD0011	08/14/2002		2	4	33	79	33	25	53	1.4	59	1.3	1.3	0.18
SW28	SD0012	08/14/2002		4	5.3	0.81	2.6	1.1	0.67	1.7	0.030	1.8	0.057	0.030	0.025 *U*
SW29	SD0043	08/28/2002		0	2	48	99	37	30	67	1.3	75	1.3	0.98	0.29
SW29	SD0044	08/28/2002		2	4	0.15	0.33	0.11	0.089	0.22	0.025 *U*	0.24	0.025 *U*	0.025 *U*	0.025 *U*
SW29	SD0045	08/28/2002		4	6	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW29	SD0046	08/28/2002		6	7	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0055	08/29/2002		0	2	26	55	23	18	37	0.58	44	0.92	0.68	0.18
SW30	SD0056	08/29/2002		2	4	1.1	4.2	0.80	0.68	1.9	0.025 *U*	2.0	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0057	08/29/2002		4	6	0.025 *U*	0.10	0.045	0.025 *U*	0.052	0.025 *U*	0.070	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0058	08/29/2002		6	8	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0060	08/29/2002		8	8.7	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW31	SD0024	08/27/2002		0	2	1.2	3.7	1.7	1.0	2.4	0.036	2.6	0.11	0.043	0.026 *U*
SW31	SD0034	08/27/2002		2	2.9	0.025 *U*	0.050 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW32	SD0051	08/29/2002		0	2	2.9	7.3	3.6	2.2	5.1	0.060	6.2	0.20	0.098	0.030
SW32	SD0059	08/29/2002		2	2.8	0.18	0.48	0.27	0.15	0.31	0.025 *U*	0.40	0.025 *U*	0.025 *U*	0.025 *U*
SW33	SD0032	08/28/2002		0	2	1.4	4.1	2.1	1.3	3.1	0.046	3.3	0.13	0.066	0.025 *U*
SW33	SD0047	08/28/2002		2	2.5	0.11	0.43	0.27	0.13	0.28	0.025 *U*	0.35	0.025 *U*	0.025 *U*	0.025 *U*
SW34	SD0052	08/29/2002	1	0	2	2.7	7.1	3.8	2.5	5.0	0.075	6.6	0.20	0.12	0.027
SW34	SD0054	08/29/2002	2	0	2	2.7	7.5	3.9	2.3	4.8	0.052	6.2	0.22	0.12	0.042
SW34	SD0053	08/29/2002		2	2.8	0.060	0.21	0.13	0.059	0.13	0.025 *U*	0.17	0.025 *U*	0.025 *U*	0.025 *U*
SW36	SD0022	08/27/2002		0	2	21	50	23	14	32	0.54	38	1.2	0.60	0.21
SW36	SD0023	08/27/2002		2	4.3	37	83	33	23	53	0.85	60	1.6	1.5	0.32

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.)									
						128	138	149	151	153	156	157	158	167	168
NASSCO															
NA01	SD0141	09/18/2002		0	2	22	140	75	21	97	11	2.6	14	3.9	0.76
NA01	SD0142	09/18/2002	1	2	4	15	110	72	21	85	7.4	1.5	10	2.8	0.63
NA01	SD0146	09/18/2002	2	2	4	15	100	69	20	81	7.8	1.6	10	2.7	0.58
NA01	SD0143	09/18/2002		5	5.5	4.0	26	16	3.7	19	1.9	0.45	2.6	0.72	0.12 *U*
NA02	SD0139	09/18/2002		0	2	5.4	31	17	5.1	28	2.5	0.56	2.5	1.1	0.13
NA02	SD0140	09/18/2002		2	3.7	0.66	4.7	3.2	0.87	3.7	0.34	0.076	0.43	0.13	0.025 *U*
NA04	SD0084	09/04/2002		0	2	9.3	65	40	12	52	4.8	0.96	5.2	1.9	0.17
NA04	SD0085	09/04/2002		2	4	12	95	54	17	71	6.1	1.2	7.6	2.6	0.18
NA04	SD0086	09/04/2002		4	6	21	130	72	19	99	10	2.1	13	3.9	0.57
NA04	SD0087	09/04/2002		6	8.3	31	190	110	30	140	16	3.2	19	5.5	0.54
NA06	SD0068	09/03/2002		0	2	13	71	39	10	47	6.2	1.4	6.8	2.3	0.27
NA06	SD0069	09/03/2002		2	3.9	19	93	50	12	55	9.9	2.2	10	3.2	0.35
NA09	SD0079	09/04/2002		0	2	47	250	140	35	170	24	5.0	27	8.3	1.3
NA09	SD0080	09/04/2002		2	4	75	390	210	51	260	38	8.2	43	13	1.4
NA09	SD0081	09/04/2002		4	6	67	380	210	53	250	36	7.6	41	12	0.95
NA09	SD0082	09/04/2002		6	8	0.55	3.4	2.3	0.61	2.9	0.28	0.058	0.34	0.11	0.025 *U*
NA09	SD0083	09/04/2002		8	8.8	0.27	1.4	0.78	0.19	0.89	0.14	0.031	0.16	0.049	0.025 *U*
NA13	SD0156	09/20/2002		0	2	3.2	20	12	3.2	14	1.6	0.35	1.9	0.60	0.13
NA13	SD0157	09/20/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA16	SD0075	09/04/2002		0	2	5.5	32	22	5.6	31	3.2	0.47	3.2	1.1	0.25 *U*
NA16	SD0076	09/04/2002	1	2	4	25	150	83	22	110	13	2.8	15	4.6	0.50
NA16	SD0078	09/04/2002	2	2	4	9.2	57	33	8.2	43	4.7	0.98	5.9	1.7	0.26
NA16	SD0077	09/04/2002		4	6.1	0.74	4.6	2.7	0.71	3.5	0.39	0.083	0.47	0.14	0.025 *U*
NA17	SD0088	09/04/2002		0	2	15	84	39	9.9	60	7.3	1.8	7.9	2.9	0.22
NA17	SD0089	09/04/2002		2	4	10	59	28	7.4	38	5.4	1.2	6.1	2.0	0.13
NA17	SD0090	09/04/2002		4	5.1	0.032	0.18	0.10	0.027	0.12	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA19	SD0065	09/03/2002		0	2	17	99	52	13	61	8.5	2.0	10	3.3	0.28
NA19	SD0066	09/03/2002		2	4	16	84	47	12	53	8.0	1.8	9.3	2.8	0.27
NA19	SD0067	09/03/2002		4	5.8	4.9	28	18	4.8	20	2.6	0.56	2.8	0.91	0.069
NA20	SD0070	09/04/2002		0	2	3.1	20	11	3.4	16	1.4	0.30	1.7	0.64	0.083
NA20	SD0071	09/04/2002		2	4	4.0	28	16	5.1	22	1.9	0.41	2.2	0.86	0.099
NA20	SD0072	09/04/2002	1	4	6	4.8	40	24	7.7	30	2.6	0.46	3.6	1.0	0.14
NA20	SD0074	09/04/2002	2	4	6	5.3	41	26	8.6	32	2.9	0.55	3.6	1.2	0.12
NA20	SD0073	09/04/2002		6	8.1	1.2	12	7.6	2.5	9.0	0.67	0.11	0.98	0.28	0.046
NA21	SD0158	09/21/2002		0	2	14	92	58	16	74	7.1	1.4	8.9	2.6	0.25 *U*
NA21	SD0159	09/21/2002		2	4	2.7	27	19	5.2	25	1.6	0.22	2.4	0.60	0.12 *U*
NA21	SD0160	09/21/2002		4	6	0.41	0.38	2.0	0.52	2.5	0.22	0.041	0.31	0.090	2.3
NA21	SD0161	09/21/2002		6	7.6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA23	SD0091	09/04/2002		0	2	8.7	56	31	9.0	45	4.0	0.90	4.7	1.8	0.15
NA23	SD0092	09/04/2002		2	4	9.8	63	33	9.2	42	5.1	1.1	6.5	1.9	0.16
NA23	SD0093	09/04/2002		4	4.7	0.19	1.4	1.0	0.27	1.3	0.11	0.028	0.15	0.052	0.025 *U*
NA24	SD0165	09/21/2002		0	2	2.0	13	8.1	2.5	11	0.86	0.19	1.1	0.41	0.081

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.)									
						128	138	149	151	153	156	157	158	167	168
NA24	SD0166	09/21/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0153	09/20/2002		0	2	0.67	4.2	2.4	0.66	3.5	0.24	0.065	0.30	0.14	0.031
NA25	SD0154	09/20/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0155	09/20/2002		4	5.2	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0147	09/19/2002		0	2	1.1	5.4	3.7	1.1	5.6	0.40	0.10	0.34	0.22	0.035
NA26	SD0148	09/19/2002		2	4	0.025 *U*	0.066	0.043	0.025 *U*	0.060	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0149	09/19/2002		4	6	0.031	0.13	0.083	0.025 *U*	0.085	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0150	09/19/2002		6	7.5	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0162	09/21/2002		0	2	3.5	21	12	3.5	17	1.5	0.36	1.9	0.68	0.15
NA29	SD0163	09/21/2002	1	2	4.4	0.025 *U*	0.18	0.11	0.032	0.15	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0164	09/21/2002	2	2	4.4	0.13	0.70	0.38	0.099	0.49	0.069	0.025 *U*	0.074	0.025 *U*	0.025 *U*
NA30	SD0151	09/20/2002		0	2	1.5	9.1	5.4	1.7	7.8	0.62	0.14	0.71	0.30	0.093
NA30	SD0152	09/20/2002		2	3.4	0.032	0.23	0.16	0.051	0.20	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA31	SD0144	09/19/2002		0	2	0.042	0.28	0.16	0.046	0.23	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA31	SD0145	09/19/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
Southwest Marine															
SW01	SD0001	08/13/2002		0	2	3.6	23	14	4.4	18	2.0	0.41	2.2	0.75	0.025 *U*
SW01	SD0002	08/13/2002		2	4	0.029	0.23	0.16	0.050	0.21	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW01	SD0003	08/13/2002		4	5.4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW02	SD0027	08/27/2002		0	2	11	61	0.084	7.8	41	5.9	1.2	6.0	2.0	0.025 *U*
SW02	SD0028	08/27/2002		2	4	0.12	0.76	0.46	0.11	0.60	0.063	0.024 *U*	0.070	0.024 *U*	0.024 *U*
SW02	SD0037	08/27/2002		4	4.9	0.025 *U*	0.14	0.084	0.025 *U*	0.11	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW04	SD0025	08/27/2002		0	2	15	84	0.27	12	55	7.7	1.6	8.8	2.7	0.14
SW04	SD0026	08/27/2002		2	4.1	180	890	510	130	570	90	20	97	30	3.5
SW08	SD0033	08/28/2002	1	0	2	73	390	1.6	70	270	40	8.8	44	15	1.1
SW08	SD0040	08/28/2002	2	0	2	85	490	260	79	330	47	11	52	18	0.81
SW08	SD0038	08/28/2002		2	4	120	590	2.4	99	390	62	13	65	23	0.95
SW08	SD0039	08/28/2002		4	6	1.8	10	5.5	1.4	8.2	1.1	0.22	1.1	0.39	0.025 *U*
SW08	SD0048	08/28/2002		6	6.5	0.025 *U*	0.12	0.025 *U*	0.025 *U*	0.12	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW10	SD0041	08/28/2002		0	2	4.2	25	0.097	4.0	20	2.0	0.39	2.2	0.77	0.040
SW10	SD0042	08/28/2002		2	2.9	0.029	0.19	0.13	0.037	0.18	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW12	SD0020A	08/27/2002		0	2	4.9	26	0.10	3.4	18	2.5	0.55	2.6	0.89	0.10
SW12	SD0021	08/27/2002		2	3.7	0.45	2.5	1.5	0.36	2.2	0.15	0.024 *U*	0.19	0.088	0.024 *U*
SW17	SD0017	08/26/2002		0	2	10	91	0.39	23	94	5.6	1.0	6.2	2.7	0.26
SW17	SD0018	08/26/2002		2	4	10	96	0.39	27	95	5.8	1.0	7.9	2.3	0.34
SW17	SD0019	08/26/2002		4	6.2	4.7	26	15	4.3	20	2.6	0.53	2.6	0.93	0.027
SW19	SD0029	08/28/2002		0	2	1.7	11	6.2	1.9	9.6	0.60	0.16	0.72	0.36	0.066
SW19	SD0030	08/28/2002		2	4	0.25	1.7	0.94	0.27	1.5	0.099	0.025 *U*	0.10	0.057	0.025 *U*
SW19	SD0031	08/28/2002		4	5.4	0.14	1.1	0.57	0.16	0.95	0.059	0.025 *U*	0.060	0.034	0.025 *U*
SW20	SD0004	08/13/2002		0	1.5	22	310	260	120	510	17	1.6	24	9.6	2.8
SW20	SD0005	08/13/2002		1.5	2.4	2.2	39	49	22	81	1.8	0.17	2.8	1.4	0.66
SW24	SD0006	08/13/2002		0	2	29	330	310	110	380	19	2.4	27	7.7	1.1
SW24	SD0007	08/13/2002		2	3	5.3	63	50	19	63	3.5	0.42	5.2	1.4	0.13

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.)									
						128	138	149	151	153	156	157	158	167	168
SW25	SD0008	08/13/2002		0	2	2.3	20	13	4.7	19	1.2	0.22	1.5	0.57	0.045
SW25	SD0009	08/13/2002		2	4.2	4.3	34	24	7.9	32	2.1	0.42	2.8	0.95	0.076
SW27	SD0014	08/14/2002	1	0	2	4.9	37	23	7.2	31	2.4	0.49	3.0	1.1	0.050
SW27	SD0016	08/14/2002	2	0	2	6.1	47	24	7.5	39	3.1	0.63	3.7	1.4	0.054
SW27	SD0015	08/14/2002		2	4.3	0.79	6.2	4.2	1.1	4.9	0.44	0.084	0.50	0.17	0.025 *U*
SW27	SD0013	08/14/2002		5.3	5.6	0.025 *U*	0.12	0.13	0.037	0.15	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW28	SD0010	08/14/2002		0	2	29	280	190	62	230	20	2.8	25	7.5	0.54
SW28	SD0011	08/14/2002		2	4	13	85	50	13	62	7.4	1.5	8.1	2.7	0.12
SW28	SD0012	08/14/2002		4	5.3	0.37	2.9	2.1	0.62	2.7	0.21	0.047	0.25	0.087	0.025 *U*
SW29	SD0043	08/28/2002		0	2	19	100	56	14	66	10.0	2.1	11	3.4	0.10
SW29	SD0044	08/28/2002		2	4	0.061	0.34	0.19	0.047	0.22	0.032	0.025 *U*	0.037	0.025 *U*	0.025 *U*
SW29	SD0045	08/28/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW29	SD0046	08/28/2002		6	7	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0055	08/29/2002		0	2	12	67	38	9.6	47	6.2	1.4	6.4	2.2	0.18
SW30	SD0056	08/29/2002		2	4	0.71	9.0	6.8	2.3	8.3	0.53	0.063	0.72	0.18	0.025 *U*
SW30	SD0057	08/29/2002		4	6	0.025 *U*	0.16	0.15	0.043	0.15	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0058	08/29/2002		6	8	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0060	08/29/2002		8	8.7	0.025 *U*	0.027	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW31	SD0024	08/27/2002		0	2	0.80	5.4	3.3	0.97	5.0	0.38	0.079	0.40	0.17	0.026 *U*
SW31	SD0034	08/27/2002		2	2.9	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW32	SD0051	08/29/2002		0	2	2.0	12	0.056	1.8	9.4	0.77	0.16	0.88	0.38	0.025 *U*
SW32	SD0059	08/29/2002		2	2.8	0.095	0.66	0.43	0.12	0.52	0.044	0.025 *U*	0.049	0.025 *U*	0.025 *U*
SW33	SD0032	08/28/2002		0	2	1.3	7.6	4.1	1.2	6.6	0.50	0.12	0.51	0.27	0.025 *U*
SW33	SD0047	08/28/2002		2	2.5	0.12	0.80	0.49	0.15	0.76	0.045	0.025 *U*	0.051	0.027	0.025 *U*
SW34	SD0052	08/29/2002	1	0	2	2.2	14	8.1	2.4	12	0.96	0.20	1.1	0.43	0.065
SW34	SD0054	08/29/2002	2	0	2	2.0	12	7.2	2.1	10	0.80	0.18	0.91	0.39	0.037
SW34	SD0053	08/29/2002		2	2.8	0.051	0.38	0.23	0.070	0.33	0.025 *U*	0.025 *U*	0.026	0.025 *U*	0.025 *U*
SW36	SD0022	08/27/2002		0	2	11	66	0.27	11	52	5.1	1.2	5.7	2.2	0.25
SW36	SD0023	08/27/2002		2	4.3	16	97	0.19	15	69	7.9	1.7	9.3	2.9	0.11

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.) 169	170	177	180	183	187	189	194	201	206
NASSCO															
NA01	SD0141	09/18/2002		0	2	0.25 *U*	25	17	55	15	36	0.95	15	2.1	8.5
NA01	SD0142	09/18/2002	1	2	4	0.25 *U*	26	19	64	18	42	0.99	16	2.2	7.8
NA01	SD0146	09/18/2002	2	2	4	0.25 *U*	24	18	58	16	38	0.88	14	2.0	7.7
NA01	SD0143	09/18/2002		5	5.5	0.12 *U*	4.7	3.2	12	3.4	8.3	0.20	3.5	0.64	6.8
NA02	SD0139	09/18/2002		0	2	0.025 *U*	7.9	6.3	18	5.2	13	0.34	4.4	0.61	3.2
NA02	SD0140	09/18/2002		2	3.7	0.025 *U*	1.1	0.70	2.7	0.71	1.8	0.041	0.67	0.10	0.60
NA04	SD0084	09/04/2002		0	2	0.025 *U*	14	10	31	8.5	22	0.53	7.4	1.2	4.7
NA04	SD0085	09/04/2002		2	4	0.025 *U*	20	16	44	14	35	0.75	11	1.7	8.2
NA04	SD0086	09/04/2002		4	6	0.50 *U*	23	16	50	14	35	0.96	12	2.0	9.0
NA04	SD0087	09/04/2002		6	8.3	0.25 *U*	33	22	74	20	45	1.3	18	2.6	11
NA06	SD0068	09/03/2002		0	2	0.025 *U*	9.9	6.9	20	5.6	14	0.43	5.0	0.83	4.7
NA06	SD0069	09/03/2002		2	3.9	0.025 *U*	11	6.4	20	5.5	11	0.49	4.3	0.71	3.9
NA09	SD0079	09/04/2002		0	2	0.25 *U*	36	23	72	21	45	1.5	17	2.8	12
NA09	SD0080	09/04/2002		2	4	0.50 *U*	55	34	110	33	69	2.2	25	4.3	19
NA09	SD0081	09/04/2002		4	6	0.49 *U*	61	37	130	35	74	2.3	28	4.7	20
NA09	SD0082	09/04/2002		6	8	0.025 *U*	0.61	0.46	2.0	0.60	1.8	0.027	0.96	0.26	3.2
NA09	SD0083	09/04/2002		8	8.8	0.025 *U*	0.18	0.11	0.35	0.099	0.22	0.025 *U*	0.083	0.025 *U*	0.19
NA13	SD0156	09/20/2002		0	2	0.025 *U*	3.4	2.4	7.5	2.0	5.0	0.13	1.8	0.29	2.1
NA13	SD0157	09/20/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.062 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA16	SD0075	09/04/2002		0	2	0.25 *U*	8.1	6.1	20	6.0	12	0.35	5.4	0.99	10.0
NA16	SD0076	09/04/2002	1	2	4	0.25 *U*	26	18	57	16	37	1.1	14	2.0	6.8
NA16	SD0078	09/04/2002	2	2	4	0.25 *U*	9.7	6.5	23	6.8	16	0.38	6.0	1.2	21
NA16	SD0077	09/04/2002		4	6.1	0.025 *U*	0.78	0.56	2.0	0.56	1.4	0.034	0.59	0.17	2.7
NA17	SD0088	09/04/2002		0	2	0.025 *U*	12	4.5	24	6.6	17	0.48	5.4	0.91	4.7
NA17	SD0089	09/04/2002		2	4	0.025 *U*	7.6	5.0	15	4.2	9.6	0.32	2.9	0.48	2.4
NA17	SD0090	09/04/2002		4	5.1	0.025 *U*	0.025 *U*	0.025 *U*	0.049	0.025 *U*	0.029	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA19	SD0065	09/03/2002		0	2	0.025 *U*	12	8.7	24	6.6	17	0.52	4.7	0.77	3.5
NA19	SD0066	09/03/2002		2	4	0.025 *U*	10	6.5	21	5.9	12	0.45	4.0	0.65	2.6
NA19	SD0067	09/03/2002		4	5.8	0.026 *U*	4.7	3.1	11	3.0	6.8	0.18	2.6	0.45	2.0
NA20	SD0070	09/04/2002		0	2	0.025 *U*	4.0	3.1	8.8	2.3	6.3	0.17	2.2	0.35	1.7
NA20	SD0071	09/04/2002		2	4	0.025 *U*	6.2	5.0	14	3.9	11	0.25	3.4	0.53	2.3
NA20	SD0072	09/04/2002	1	4	6	0.025 *U*	9.2	7.3	22	6.2	15	0.35	5.0	0.77	2.9
NA20	SD0074	09/04/2002	2	4	6	0.025 *U*	10	8.0	24	6.9	16	0.37	5.5	0.85	5.5
NA20	SD0073	09/04/2002		6	8.1	0.025 *U*	3.1	2.4	7.9	2.2	5.4	0.12	2.2	0.39	2.7
NA21	SD0158	09/21/2002		0	2	0.25 *U*	21	15	51	14	35	0.76	12	1.8	8.4
NA21	SD0159	09/21/2002		2	4	0.12 *U*	8.0	5.5	21	6.0	15	0.33	5.4	0.92	9.4
NA21	SD0160	09/21/2002		4	6	0.025 *U*	0.73	0.50	1.8	0.52	1.3	0.032	0.48	0.088	0.71
NA21	SD0161	09/21/2002		6	7.6	0.025 *U*	0.025 *U*	0.025 *U*	0.062 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA23	SD0091	09/04/2002		0	2	0.025 *U*	11	8.3	24	6.8	18	0.43	6.1	0.97	4.7
NA23	SD0092	09/04/2002		2	4	0.025 *U*	9.7	7.0	21	6.1	14	0.38	4.9	0.83	3.9
NA23	SD0093	09/04/2002		4	4.7	0.025 *U*	0.23	0.16	0.55	0.15	0.36	0.025 *U*	0.15	0.025	0.41
NA24	SD0165	09/21/2002		0	2	0.025 *U*	2.7	2.2	6.3	1.7	4.7	0.11	1.7	0.26	1.2

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.) 169	170	177	180	183	187	189	194	201	206
NA24	SD0166	09/21/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.063 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0153	09/20/2002		0	2	0.025 *U*	0.76	0.67	1.7	0.46	1.5	0.035	0.50	0.089	0.57
NA25	SD0154	09/20/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.063 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0155	09/20/2002		4	5.2	0.025 *U*	0.025 *U*	0.025 *U*	0.063 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0147	09/19/2002		0	2	0.025 *U*	1.4	1.3	3.2	0.95	3.1	0.065	0.92	0.15	1.3
NA26	SD0148	09/19/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.062 *U*	0.025 *U*	0.028	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0149	09/19/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.061 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0150	09/19/2002		6	7.5	0.025 *U*	0.025 *U*	0.025 *U*	0.063 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0162	09/21/2002		0	2	0.025 *U*	4.0	3.0	9.1	2.4	6.6	0.15	2.3	0.38	1.7
NA29	SD0163	09/21/2002	1	2	4.4	0.025 *U*	0.037	0.025 *U*	0.088	0.025 *U*	0.057	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0164	09/21/2002	2	2	4.4	0.025 *U*	0.13	0.080	0.27	0.070	0.17	0.025 *U*	0.073	0.025 *U*	0.056
NA30	SD0151	09/20/2002		0	2	0.025 *U*	1.9	1.5	4.2	1.2	3.4	0.085	1.2	0.21	0.95
NA30	SD0152	09/20/2002		2	3.4	0.025 *U*	0.047	0.025 *U*	0.12	0.031	0.095	0.025 *U*	0.035	0.025	0.059
NA31	SD0144	09/19/2002		0	2	0.025 *U*	0.059	0.053	0.12	0.034	0.11	0.025 *U*	0.040	0.025 *U*	0.031
NA31	SD0145	09/19/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.063 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
Southwest Marine															
SW01	SD0001	08/13/2002		0	2	0.025 *U*	5.1	3.2	13	3.1	7.8	0.18	3.4	4.0	2.7
SW01	SD0002	08/13/2002		2	4	0.025 *U*	0.055	0.041	0.21	0.060	0.20	0.025 *U*	0.094	0.23	0.58
SW01	SD0003	08/13/2002		4	5.4	0.025 *U*	0.025 *U*	0.025 *U*	0.062 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW02	SD0027	08/27/2002		0	2	0.025 *U*	8.3	5.7	18	5.7	13	0.25	4.0	0.59	2.4
SW02	SD0028	08/27/2002		2	4	0.024 *U*	0.12	0.075	0.31	0.071	0.18	0.024 *U*	0.067	0.024 *U*	0.037
SW02	SD0037	08/27/2002		4	4.9	0.025 *U*	0.025 *U*	0.025 *U*	0.066	0.025 *U*	0.037	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW04	SD0025	08/27/2002		0	2	0.025 *U*	11	7.2	24	6.2	14	0.41	5.5	0.88	6.3
SW04	SD0026	08/27/2002		2	4.1	0.50 *U*	120	66	220	57	130	4.9	49	7.4	33
SW08	SD0033	08/28/2002	1	0	2	0.025 *U*	55	32	110	27	61	2.3	24	3.7	16
SW08	SD0040	08/28/2002	2	0	2	0.024 *U*	63	37	120	32	72	2.6	25	4.1	20
SW08	SD0038	08/28/2002		2	4	0.025 *U*	75	44	150	38	82	3.5	32	4.9	21
SW08	SD0039	08/28/2002		4	6	0.025 *U*	1.3	0.67	2.5	0.60	1.3	0.054	0.56	0.069	0.30
SW08	SD0048	08/28/2002		6	6.5	0.025 *U*	0.025 *U*	0.025 *U*	0.044	0.025 *U*	0.026	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW10	SD0041	08/28/2002		0	2	0.025 *U*	4.3	3.3	9.6	2.7	7.3	0.15	2.3	0.37	1.1
SW10	SD0042	08/28/2002		2	2.9	0.025 *U*	0.038	0.028	0.090	0.025 *U*	0.065	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW12	SD0020A	08/27/2002		0	2	0.025 *U*	3.6	2.4	7.2	1.9	5.1	0.15	1.8	0.29	1.1
SW12	SD0021	08/27/2002		2	3.7	0.024 *U*	0.48	0.42	1.1	0.31	0.97	0.024 *U*	0.30	0.052	0.26
SW17	SD0017	08/26/2002		0	2	0.025 *U*	27	21	62	17	52	0.94	16	2.2	5.8
SW17	SD0018	08/26/2002		2	4	0.025 *U*	22	17	53	15	42	0.68	12	1.8	5.0
SW17	SD0019	08/26/2002		4	6.2	0.025 *U*	4.5	2.9	10.0	2.6	6.2	0.16	2.2	0.30	1.2
SW19	SD0029	08/28/2002		0	2	0.025 *U*	2.3	2.0	5.0	1.3	4.5	0.10	1.5	0.25	1.4
SW19	SD0030	08/28/2002		2	4	0.025 *U*	0.35	0.27	0.80	0.19	0.64	0.025 *U*	0.23	0.032	0.15
SW19	SD0031	08/28/2002		4	5.4	0.025 *U*	0.21	0.16	0.49	0.12	0.39	0.025 *U*	0.14	0.025 *U*	0.093
SW20	SD0004	08/13/2002		0	1.5	0.025 *U*	110	73	290	71	270	4.2	76	68	19
SW20	SD0005	08/13/2002		1.5	2.4	0.025 *U*	4.9	11	43	11	41	0.66	13	0.43	3.4
SW24	SD0006	08/13/2002		0	2	0.51 *U*	110	83	290	72	200	3.0	65	69	23
SW24	SD0007	08/13/2002		2	3	0.025 *U*	19	15	50	13	34	0.57	11	11	3.7

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Congeners (cont.)									
						169	170	177	180	183	187	189	194	201	206
SW25	SD0008	08/13/2002		0	2	0.025 *U*	4.7	3.6	12	2.9	8.7	0.17	2.7	2.5	1.8
SW25	SD0009	08/13/2002		2	4.2	0.024 *U*	7.5	5.7	19	4.8	14	0.24	4.5	5.4	3.5
SW27	SD0014	08/14/2002	1	0	2	0.025 *U*	2.1	5.9	19	4.9	14	0.32	4.6	4.7	3.1
SW27	SD0016	08/14/2002	2	0	2	0.026 *U*	9.9	7.4	24	6.2	17	0.34	5.3	5.3	3.4
SW27	SD0015	08/14/2002		2	4.3	0.025 *U*	1.3	0.81	2.9	0.73	2.0	0.047	0.65	0.81	0.61
SW27	SD0013	08/14/2002		5.3	5.6	0.025 *U*	0.028 *U*	0.025 *U*	0.070 *U*	0.025 *U*	0.062	0.025 *U*	0.025	0.030	0.040
SW28	SD0010	08/14/2002		0	2	0.025 *U*	87	56	200	49	110	2.8	38	36	32
SW28	SD0011	08/14/2002		2	4	0.025 *U*	15	9.2	34	9.1	21	0.50	7.2	6.6	5.7
SW28	SD0012	08/14/2002		4	5.3	0.025 *U*	0.70	0.55	2.2	0.65	2.0	0.034	0.77	1.3	3.3
SW29	SD0043	08/28/2002		0	2	0.025 *U*	13	8.0	27	7.2	16	0.49	5.8	0.99	3.6
SW29	SD0044	08/28/2002		2	4	0.025 *U*	0.044	0.025 *U*	0.10	0.029	0.064	0.025 *U*	0.028	0.025 *U*	0.70
SW29	SD0045	08/28/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.063 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW29	SD0046	08/28/2002		6	7	0.025 *U*	0.025 *U*	0.025 *U*	0.063 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0055	08/29/2002		0	2	0.025 *U*	11	7.2	22	6.0	15	0.39	5.2	0.87	5.3
SW30	SD0056	08/29/2002		2	4	0.025 *U*	2.9	2.0	6.7	1.8	3.9	0.086	1.4	0.23	1.3
SW30	SD0057	08/29/2002		4	6	0.025 *U*	0.044	0.031	0.15	0.044	0.13	0.025 *U*	0.061	0.025 *U*	0.28
SW30	SD0058	08/29/2002		6	8	0.025 *U*	0.025 *U*	0.025 *U*	0.062 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0060	08/29/2002		8	8.7	0.025 *U*	0.025 *U*	0.025 *U*	0.062 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW31	SD0024	08/27/2002		0	2	0.026 *U*	1.1	0.80	2.6	0.66	2.0	0.041	0.67	0.093	0.39
SW31	SD0034	08/27/2002		2	2.9	0.025 *U*	0.025 *U*	0.025 *U*	0.062 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW32	SD0051	08/29/2002		0	2	0.025 *U*	2.0	1.6	4.3	1.1	3.6	0.077	1.2	0.19	0.97
SW32	SD0059	08/29/2002		2	2.8	0.025 *U*	0.12	0.095	0.28	0.076	0.21	0.025 *U*	0.073	0.025 *U*	0.084
SW33	SD0032	08/28/2002		0	2	0.025 *U*	1.4	1.1	3.2	0.81	2.7	0.054	0.91	0.12	0.61
SW33	SD0047	08/28/2002		2	2.5	0.025 *U*	0.17	0.13	0.39	0.10	0.31	0.025 *U*	0.11	0.025 *U*	0.078
SW34	SD0052	08/29/2002	1	0	2	0.025 *U*	2.8	2.2	6.9	1.8	5.7	0.099	2.0	0.35	1.4
SW34	SD0054	08/29/2002	2	0	2	0.025 *U*	2.3	1.8	5.1	1.3	4.1	0.093	1.3	0.21	1.0
SW34	SD0053	08/29/2002		2	2.8	0.025 *U*	0.082	0.057	0.19	0.049	0.14	0.025 *U*	0.051	0.025 *U*	0.062
SW36	SD0022	08/27/2002		0	2	0.025 *U*	11	8.4	24	6.9	19	0.46	6.1	0.97	3.7
SW36	SD0023	08/27/2002		2	4.3	0.025 *U*	14	11	30	8.8	22	0.56	6.7	1.1	3.8

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Homologs								
						Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl	Octachloro-biphenyl	Nonachloro-biphenyl
NASSCO														
NA01	SD0141	09/18/2002		0	2	0.38	3.9	59	320	610	500	220	51	14
NA01	SD0142	09/18/2002	1	2	4	0.25 *U*	1.7	97	390	470	420	250	54	13
NA01	SD0146	09/18/2002	2	2	4	0.25 *U*	2.1	95	390	450	400	230	48	12
NA01	SD0143	09/18/2002		5	5.5	0.12 *U*	0.12 *U*	9.3	53	120	94	47	14	12
NA02	SD0139	09/18/2002		0	2	0.12	1.6	11	58	130	120	77	14	5.2
NA02	SD0140	09/18/2002		2	3.7	0.025 *U*	0.47	4.3	16	21	18	10	2.5	0.99
NA04	SD0084	09/04/2002		0	2	0.63	8.7	94	200	280	250	130	26	7.9
NA04	SD0085	09/04/2002		2	4	1.3	4.5	35	110	310	340	190	37	14
NA04	SD0086	09/04/2002		4	6	0.50 *U*	3.2	67	340	570	480	210	47	15
NA04	SD0087	09/04/2002		6	8.3	0.57	7.8	160	680	880	710	290	67	17
NA06	SD0068	09/03/2002		0	2	0.30	3.1	35	180	360	260	85	19	7.2
NA06	SD0069	09/03/2002		2	3.9	0.22	6.1	77	340	570	340	83	17	5.9
NA09	SD0079	09/04/2002		0	2	0.38	17	310	1,100	1,500	950	300	64	19
NA09	SD0080	09/04/2002		2	4	0.50 *U*	15	290	1,400	2,300	1,400	460	100	30
NA09	SD0081	09/04/2002		4	6	0.49 *U*	16	570	2,000	2,500	1,400	510	110	32
NA09	SD0082	09/04/2002		6	8	0.025 *U*	0.091	2.8	12	19	14	8.1	4.6	5.8
NA09	SD0083	09/04/2002		8	8.8	0.025 *U*	0.025 *U*	0.91	4.4	8.3	5.2	1.4	0.34	0.34
NA13	SD0156	09/20/2002		0	2	0.025 *U*	0.66	4.1	25	81	74	31	6.9	3.5
NA13	SD0157	09/20/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA16	SD0075	09/04/2002		0	2	0.25 *U*	0.33	29	130	170	140	81	19	17
NA16	SD0076	09/04/2002	1	2	4	0.25 *U*	5.9	140	580	750	560	230	47	12
NA16	SD0078	09/04/2002	2	2	4	0.25 *U*	1.0	64	250	310	210	92	24	35
NA16	SD0077	09/04/2002		4	6.1	0.025 *U*	0.15	4.9	19	25	17	7.9	3.0	4.6
NA17	SD0088	09/04/2002		0	2	0.33	1.6	8.2	84	360	300	100	19	7.6
NA17	SD0089	09/04/2002		2	4	0.18	5.6	46	120	260	210	63	10	4.0
NA17	SD0090	09/04/2002		4	5.1	0.025 *U*	0.12	0.63	1.1	1.1	0.50	0.077	0.025 *U*	0.025 *U*
NA19	SD0065	09/03/2002		0	2	0.37	2.6	11	120	450	350	99	17	5.7
NA19	SD0066	09/03/2002		2	4	0.49	5.5	38	190	490	310	84	15	4.1
NA19	SD0067	09/03/2002		4	5.8	5.4	6.9	26	96	160	110	43	10	3.2
NA20	SD0070	09/04/2002		0	2	0.11	0.78	5.2	27	69	74	36	7.9	2.6
NA20	SD0071	09/04/2002		2	4	0.14	1.2	5.9	25	87	100	59	12	3.8
NA20	SD0072	09/04/2002	1	4	6	0.15	1.9	14	55	120	150	92	17	4.6
NA20	SD0074	09/04/2002	2	4	6	0.22	2.5	15	52	130	160	100	19	9.5
NA20	SD0073	09/04/2002		6	8.1	0.025 *U*	0.56	3.5	11	28	44	32	7.8	4.6
NA21	SD0158	09/21/2002		0	2	0.25 *U*	1.5	46	210	380	350	210	42	14
NA21	SD0159	09/21/2002		2	4	0.12 *U*	0.12 *U*	2.2	16	53	110	82	20	16
NA21	SD0160	09/21/2002		4	6	0.025 *U*	0.078	1.0	5.4	12	11	7.3	1.8	1.3
NA21	SD0161	09/21/2002		6	7.6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA23	SD0091	09/04/2002		0	2	0.28	1.4	12	54	190	210	100	21	7.7
NA23	SD0092	09/04/2002		2	4	0.21	3.1	30	120	280	220	89	18	6.3
NA23	SD0093	09/04/2002		4	4.7	0.025 *U*	0.048 *U*	1.3	5.4	8.5	5.9	2.1	0.59	0.66
NA24	SD0165	09/21/2002		0	2	0.029	0.36	2.5	14	43	50	26	6.1	2.0

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Homologs								
						Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl	Octachloro-biphenyl	Nonachloro-biphenyl
NA24	SD0166	09/21/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0153	09/20/2002		0	2	0.025 *U*	0.091	0.74	3.6	12	15	7.4	1.9	0.98
NA25	SD0154	09/20/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA25	SD0155	09/20/2002		4	5.2	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0147	09/19/2002		0	2	0.025 *U*	0.27	1.3	6.7	22	23	15	3.0	2.1
NA26	SD0148	09/19/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.051	0.17	0.028	0.025 *U*	0.025 *U*
NA26	SD0149	09/19/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.34	0.63	0.36	0.025 *U*	0.025 *U*	0.025 *U*
NA26	SD0150	09/19/2002		6	7.5	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
NA29	SD0162	09/21/2002		0	2	0.057	0.74	4.2	25	75	79	38	8.6	2.9
NA29	SD0163	09/21/2002	1	2	4.4	0.025 *U*	0.025 *U*	0.025 *U*	0.094	0.56	0.50	0.21	0.025 *U*	0.025 *U*
NA29	SD0164	09/21/2002	2	2	4.4	0.025 *U*	0.025 *U*	0.029	0.63	2.5	2.4	0.95	0.22	0.056
NA30	SD0151	09/20/2002		0	2	0.031	0.36	2.2	13	32	35	18	4.5	1.7
NA30	SD0152	09/20/2002		2	3.4	0.025 *U*	0.025 *U*	0.025 *U*	0.23	0.76	0.80	0.37	0.11	0.098
NA31	SD0144	09/19/2002		0	2	0.025 *U*	0.025 *U*	0.025 *U*	0.099	0.72	0.85	0.47	0.096	0.031
NA31	SD0145	09/19/2002		2	3	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
Southwest Marine														
SW01	SD0001	08/13/2002		0	2	0.14	4.6	110	350	180	90	48	16	4.6
SW01	SD0002	08/13/2002		2	4	0.025 *U*	0.025 *U*	0.85	2.6	1.4	0.81	0.72	0.75	1.1
SW01	SD0003	08/13/2002		4	5.4	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW02	SD0027	08/27/2002		0	2	0.35	3.3	74	320	430	230	75	13	3.8
SW02	SD0028	08/27/2002		2	4	0.024 *U*	0.024 *U*	1.4	5.8	4.9	2.8	1.0	0.18	0.037
SW02	SD0037	08/27/2002		4	4.9	0.025 *U*	0.025 *U*	0.17	0.90	0.80	0.36	0.10	0.025 *U*	0.025 *U*
SW04	SD0025	08/27/2002		0	2	0.34	8.3	120	340	440	310	95	21	9.8
SW04	SD0026	08/27/2002		2	4.1	6.2	330	5,200	10,000	7,300	3,400	880	190	51
SW08	SD0033	08/28/2002	1	0	2	21	110	1,500	2,900	2,900	1,500	420	91	25
SW08	SD0040	08/28/2002	2	0	2	24	110	1,500	3,300	3,200	1,800	490	100	32
SW08	SD0038	08/28/2002		2	4	51	160	2,000	3,800	4,200	2,300	590	120	33
SW08	SD0039	08/28/2002		4	6	0.28	10	140	200	88	40	9.3	2.0	0.47
SW08	SD0048	08/28/2002		6	6.5	0.025 *U*	0.050	1.6	3.0	1.1	0.32	0.070	0.025 *U*	0.025 *U*
SW10	SD0041	08/28/2002		0	2	1.1	2.0	14	42	100	96	40	8.9	2.1
SW10	SD0042	08/28/2002		2	2.9	0.025 *U*	0.025 *U*	0.13	0.49	0.72	0.63	0.25	0.025	0.025 *U*
SW12	SD0020A	08/27/2002		0	2	0.092	0.88	4.6	33	110	94	30	6.7	1.9
SW12	SD0021	08/27/2002		2	3.7	0.024 *U*	0.084	0.50	3.7	8.1	9.0	4.6	0.80	0.32
SW17	SD0017	08/26/2002		0	2	0.39	2.1	16	75	250	400	270	49	9.8
SW17	SD0018	08/26/2002		2	4	0.16	3.2	48	230	360	430	230	40	7.9
SW17	SD0019	08/26/2002		4	6.2	0.083	1.8	26	100	140	100	40	8.0	1.8
SW19	SD0029	08/28/2002		0	2	0.025 *U*	0.33	1.6	8.6	29	40	22	5.6	2.3
SW19	SD0030	08/28/2002		2	4	0.025 *U*	0.038	0.19	1.4	4.4	6.1	3.2	0.74	0.26
SW19	SD0031	08/28/2002		4	5.4	0.025 *U*	0.025 *U*	0.062	0.81	2.5	3.6	1.9	0.45	0.14
SW20	SD0004	08/13/2002		0	1.5	0.36	13	200	1,400	1,500	1,700	1,200	340	29
SW20	SD0005	08/13/2002		1.5	2.4	0.15	2.2	51	440	250	280	180	55	5.0
SW24	SD0006	08/13/2002		0	2	0.36	8.1	140	660	1,100	1,600	1,200	290	35
SW24	SD0007	08/13/2002		2	3	0.018	1.7	33	120	190	280	200	49	5.9

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Homologs								
						Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl	Octachloro-biphenyl	Nonachloro-biphenyl
SW25	SD0008	08/13/2002		0	2	0.11	0.83	5.6	30	63	82	47	11	2.9
SW25	SD0009	08/13/2002		2	4.2	0.086	0.93	12	52	120	140	76	22	5.7
SW27	SD0014	08/14/2002	1	0	2	0.14	1.6	13	50	130	140	76	21	5.3
SW27	SD0016	08/14/2002	2	0	2	0.22	1.9	15	61	160	170	95	24	6.0
SW27	SD0015	08/14/2002		2	4.3	0.025 *U*	0.82	12	25	27	24	11	3.3	1.0
SW27	SD0013	08/14/2002		5.3	5.6	0.025 *U*	0.12	2.7	2.7	0.67	0.49	0.12	0.089	0.040
SW28	SD0010	08/14/2002		0	2	0.64	5.2	54	280	730	1,100	750	180	54
SW28	SD0011	08/14/2002		2	4	0.25 *U*	1.7	51	220	400	320	130	32	10.0
SW28	SD0012	08/14/2002		4	5.3	0.025 *U*	0.10	1.9	8.7	13	12	9.4	5.0	6.0
SW29	SD0043	08/28/2002		0	2	4.2	5.1	20	180	510	380	110	24	6.0
SW29	SD0044	08/28/2002		2	4	0.025 *U*	0.025 *U*	0.025 *U*	0.32	1.5	1.1	0.28	0.17	1.1
SW29	SD0045	08/28/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW29	SD0046	08/28/2002		6	7	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0055	08/29/2002		0	2	8.1	8.2	18	100	290	250	91	19	9.5
SW30	SD0056	08/29/2002		2	4	0.025 *U*	0.078	1.1	4.2	15	37	26	4.7	2.4
SW30	SD0057	08/29/2002		4	6	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.32	0.53	0.49	0.27	0.54
SW30	SD0058	08/29/2002		6	8	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW30	SD0060	08/29/2002		8	8.7	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.027	0.025 *U*	0.025 *U*	0.025 *U*
SW31	SD0024	08/27/2002		0	2	0.026 *U*	0.14	1.7	8.3	18	21	10	2.3	0.65
SW31	SD0034	08/27/2002		2	2.9	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*	0.025 *U*
SW32	SD0051	08/29/2002		0	2	0.025 *U*	0.44	1.6	11	39	43	18	4.4	1.7
SW32	SD0059	08/29/2002		2	2.8	0.025 *U*	0.025 *U*	0.100	1.3	2.5	2.3	1.00	0.27	0.14
SW33	SD0032	08/28/2002		0	2	0.66	0.70	1.3	7.3	22	28	13	3.0	1.0
SW33	SD0047	08/28/2002		2	2.5	0.025 *U*	0.025 *U*	0.070	0.75	2.1	3.0	1.6	0.39	0.13
SW34	SD0052	08/29/2002	1	0	2	0.026	0.46	2.6	12	39	52	29	8.0	2.3
SW34	SD0054	08/29/2002	2	0	2	0.12	0.60	2.3	13	39	45	21	5.1	1.7
SW34	SD0053	08/29/2002		2	2.8	0.025 *U*	0.025 *U*	0.028	0.42	1.00	1.3	0.64	0.15	0.10
SW36	SD0022	08/27/2002		0	2	0.27	2.7	20	77	260	260	100	20	6.2
SW36	SD0023	08/27/2002		2	4.3	0.23	2.2	21	90	420	360	130	22	6.2

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Homologs (cont.) Decachloro-biphenyl	Total[a]
NASSCO							
NA01	SD0141	09/18/2002		0	2	5.7	1,800
NA01	SD0142	09/18/2002	1	2	4	11	1,700
NA01	SD0146	09/18/2002	2	2	4	9.2	2,000
NA01	SD0143	09/18/2002		5	5.5	14	360
NA02	SD0139	09/18/2002		0	2	3.5	420
NA02	SD0140	09/18/2002		2	3.7	0.86	70
NA04	SD0084	09/04/2002		0	2	5.0	990
NA04	SD0085	09/04/2002		2	4	6.0	1,000
NA04	SD0086	09/04/2002		4	6	6.3	1,700
NA04	SD0087	09/04/2002		6	8.3	8.0	2,800
NA06	SD0068	09/03/2002		0	2	2.2	950
NA06	SD0069	09/03/2002		2	3.9	1.3	1,400
NA09	SD0079	09/04/2002		0	2	5.7	4,300
NA09	SD0080	09/04/2002		2	4	8.3	6,000
NA09	SD0081	09/04/2002		4	6	20	7,100
NA09	SD0082	09/04/2002		6	8	5.2	70
NA09	SD0083	09/04/2002		8	8.8	0.23	21
NA13	SD0156	09/20/2002		0	2	1.7	230
NA13	SD0157	09/20/2002		2	3	0.025 *U*	0.12 *U*
NA16	SD0075	09/04/2002		0	2	16	600
NA16	SD0076	09/04/2002	1	2	4	7.1	2,000
NA16	SD0078	09/04/2002	2	2	4	33	1,000
NA16	SD0077	09/04/2002		4	6.1	3.3	85
NA17	SD0088	09/04/2002		0	2	3.7	880
NA17	SD0089	09/04/2002		2	4	2.6	720
NA17	SD0090	09/04/2002		4	5.1	0.025 *U*	3.6
NA19	SD0065	09/03/2002		0	2	3.5	1,100
NA19	SD0066	09/03/2002		2	4	1.7	1,100
NA19	SD0067	09/03/2002		4	5.8	1.3	460
NA20	SD0070	09/04/2002		0	2	1.3	220
NA20	SD0071	09/04/2002		2	4	2.7	300
NA20	SD0072	09/04/2002	1	4	6	2.5	450
NA20	SD0074	09/04/2002	2	4	6	9.1	490
NA20	SD0073	09/04/2002		6	8.1	3.9	100
NA21	SD0158	09/21/2002		0	2	14	1,300
NA21	SD0159	09/21/2002		2	4	18	310
NA21	SD0160	09/21/2002		4	6	1.3	41
NA21	SD0161	09/21/2002		6	7.6	0.025 *U*	0.12 *U*
NA23	SD0091	09/04/2002		0	2	3.4	600
NA23	SD0092	09/04/2002		2	4	2.9	780
NA23	SD0093	09/04/2002		4	4.7	0.16	25
NA24	SD0165	09/21/2002		0	2	2.3	150

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Homologs (cont.) Decachloro-biphenyl	PCB Homologs (cont.) Total[a]
NA24	SD0166	09/21/2002		2	4	0.025 *U*	0.13 *U*
NA25	SD0153	09/20/2002		0	2	1.00	43
NA25	SD0154	09/20/2002		2	4	0.025 *U*	0.13 *U*
NA25	SD0155	09/20/2002		4	5.2	0.025 *U*	0.13 *U*
NA26	SD0147	09/19/2002		0	2	1.5	70
NA26	SD0148	09/19/2002		2	4	0.030	0.35
NA26	SD0149	09/19/2002		4	6	0.025 *U*	1.4
NA26	SD0150	09/19/2002		6	7.5	0.025 *U*	0.13 *U*
NA29	SD0162	09/21/2002		0	2	1.7	240
NA29	SD0163	09/21/2002	1	2	4.4	0.025 *U*	1.4
NA29	SD0164	09/21/2002	2	2	4.4	0.036	6.9
NA30	SD0151	09/20/2002		0	2	1.0	110
NA30	SD0152	09/20/2002		2	3.4	0.069	2.5
NA31	SD0144	09/19/2002		0	2	0.037	2.3
NA31	SD0145	09/19/2002		2	3	0.025 *U*	0.13 *U*
Southwest Marine							
SW01	SD0001	08/13/2002		0	2	3.0	810
SW01	SD0002	08/13/2002		2	4	0.64	8.8
SW01	SD0003	08/13/2002		4	5.4	0.025 *U*	0.13 *U*
SW02	SD0027	08/27/2002		0	2	1.3	1,200
SW02	SD0028	08/27/2002		2	4	0.043	16
SW02	SD0037	08/27/2002		4	4.9	0.025 *U*	2
SW04	SD0025	08/27/2002		0	2	1.8	1,300
SW04	SD0026	08/27/2002		2	4.1	6.8	27,000
SW08	SD0033	08/28/2002	1	0	2	3.3	9,500
SW08	SD0040	08/28/2002	2	0	2	4.4	10,000
SW08	SD0038	08/28/2002		2	4	3.6	13,000
SW08	SD0039	08/28/2002		4	6	0.054	490
SW08	SD0048	08/28/2002		6	6.5	0.025 *U*	6.2
SW10	SD0041	08/28/2002		0	2	1.0	310
SW10	SD0042	08/28/2002		2	2.9	0.025 *U*	2.3
SW12	SD0020A	08/27/2002		0	2	1.2	280
SW12	SD0021	08/27/2002		2	3.7	0.37	28
SW17	SD0017	08/26/2002		0	2	4.2	1,100
SW17	SD0018	08/26/2002		2	4	2.4	1,300
SW17	SD0019	08/26/2002		4	6.2	0.58	420
SW19	SD0029	08/28/2002		0	2	2.0	110
SW19	SD0030	08/28/2002		2	4	0.20	20
SW19	SD0031	08/28/2002		4	5.4	0.11	9.6
SW20	SD0004	08/13/2002		0	1.5	0.025 *U*	6,500
SW20	SD0005	08/13/2002		1.5	2.4	0.41	1,300
SW24	SD0006	08/13/2002		0	2	11	5,000
SW24	SD0007	08/13/2002		2	3	3.1	870

Table B2-7. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	PCB Homologs (cont.) Decachloro-biphenyl	PCB Homologs (cont.) Total[a]
SW25	SD0008	08/13/2002		0	2	1.1	240
SW25	SD0009	08/13/2002		2	4.2	2.0	430
SW27	SD0014	08/14/2002	1	0	2	3.1	440
SW27	SD0016	08/14/2002	2	0	2	3.5	540
SW27	SD0015	08/14/2002		2	4.3	0.95	100
SW27	SD0013	08/14/2002		5.3	5.6	0.058	7.0
SW28	SD0010	08/14/2002		0	2	10	3,200
SW28	SD0011	08/14/2002		2	4	7.2	1,200
SW28	SD0012	08/14/2002		4	5.3	4.5	61
SW29	SD0043	08/28/2002		0	2	1.9	1,200
SW29	SD0044	08/28/2002		2	4	0.83	5.4
SW29	SD0045	08/28/2002		4	6	0.025 *U*	0.13 *U*
SW29	SD0046	08/28/2002		6	7	0.025 *U*	0.13 *U*
SW30	SD0055	08/29/2002		0	2	3.4	800
SW30	SD0056	08/29/2002		2	4	2.8	93
SW30	SD0057	08/29/2002		4	6	0.56	2.8
SW30	SD0058	08/29/2002		6	8	0.025 *U*	0.13 *U*
SW30	SD0060	08/29/2002		8	8.7	0.025 *U*	0.14
SW31	SD0024	08/27/2002		0	2	0.44	63
SW31	SD0034	08/27/2002		2	2.9	0.025 *U*	0.13 *U*
SW32	SD0051	08/29/2002		0	2	1.3	120
SW32	SD0059	08/29/2002		2	2.8	0.098	7.7
SW33	SD0032	08/28/2002		0	2	0.86	78
SW33	SD0047	08/28/2002		2	2.5	0.16	8.2
SW34	SD0052	08/29/2002	1	0	2	1.1	150
SW34	SD0054	08/29/2002	2	0	2	1.2	130
SW34	SD0053	08/29/2002		2	2.8	0.083	3.7
SW36	SD0022	08/27/2002		0	2	3.1	740
SW36	SD0023	08/27/2002		2	4.3	2.7	1,100

Note: All results reported as μg/kg dry weight.

U - undetected at quantitation limit shown

[a] Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

Table B2-8. Petroleum hydrocarbon results for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Petroleum Hydrocarbons: Gasoline-Range Organics	Diesel-Range Organics	Residual-Range Organics	Total Petroleum Hydrocarbons[a]
NASSCO									
NA01	SD0141	09/18/2002		0	2	13 *U*	1,300 *JN*	2,800 *JN*	4,100 *JN*
NA01	SD0142	09/18/2002	1	2	4	12 *U*	3,300 *JN*	4,600 *JN*	7,900 *JN*
NA01	SD0146	09/18/2002	2	2	4	12 *U*	3,600 *JN*	4,900 *JN*	8,500 *JN*
NA01	SD0143	09/18/2002		5	5.5	10 *U*	890 *JN*	1,700 *JN*	2,600 *JN*
NA02	SD0139	09/18/2002		0	2	9.0 *U*	240 *JN*	680 *JN*	920 *JN*
NA02	SD0140	09/18/2002		2	3.7	6.5 *U*	100 *JN*	270 *JN*	370 *JN*
NA04	SD0084	09/04/2002		0	2	11 *U*	660 *JN*	1,500 *JN*	2,200 *JN*
NA04	SD0085	09/04/2002		2	4	11 *U*	980 *JN*	1,900 *JN*	2,900 *JN*
NA04	SD0086	09/04/2002		4	6	11 *U*	2,700 *JN*	4,600 *JN*	7,300 *JN*
NA04	SD0087	09/04/2002		6	8.3	10 *U*	5,400 *JN*	6,600 *JN*	12,000 *JN*
NA06	SD0068	09/03/2002		0	2	9.7 *U*	250 *JN*	660 *JN*	910 *JN*
NA06	SD0069	09/03/2002		2	3.9	6.4 *U*	360 *JN*	650 *JN*	1,000 *JN*
NA09	SD0079	09/04/2002		0	2	11 *U*	1,600 *JN*	2,900 *JN*	4,500 *JN*
NA09	SD0080	09/04/2002		2	4	11 *U*	4,200 *JN*	6,900 *JN*	11,000 *JN*
NA09	SD0081	09/04/2002		4	6	24 *JN*	8,200 *JN*	9,000 *JN*	17,000 *JN*
NA09	SD0082	09/04/2002		6	8	8.2 *U*	210 *JN*	630 *JN*	840 *JN*
NA09	SD0083	09/04/2002		8	8.8	8.0 *U*			4.0 *U*
NA13	SD0156	09/20/2002		0	2	7.2 *U*	200 *JN*	470 *JN*	670 *JN*
NA13	SD0157	09/20/2002		2	3	6.1 *U*	31 *U*	130 *U*	84 *U*
NA16	SD0075	09/04/2002		0	2	11 *U*	3,000 *JN*	4,200 *JN*	7,200 *JN*
NA16	SD0076	09/04/2002	1	2	4	10 *U*	4,800 *JN*	5,300 *JN*	10,000 *JN*
NA16	SD0078	09/04/2002	2	2	4	11 *U*	11,000 *JN*	10,000 *JN*	21,000 *JN*
NA16	SD0077	09/04/2002		4	6.1	8.9 *U*	230 *JN*	760 *JN*	990 *JN*
NA17	SD0088	09/04/2002		0	2	14 *U*	310 *JN*	790 *JN*	1,100 *JN*
NA17	SD0089	09/04/2002		2	4	6.6 *U*	350 *JN*	1,300 *JN*	1,700 *JN*
NA17	SD0090	09/04/2002		4	5.1	6.0 *U*	30 *U*	120 *U*	78 *U*
NA19	SD0065	09/03/2002		0	2	12 *U*	300 *JN*	800 *JN*	1,100 *JN*
NA19	SD0066	09/03/2002		2	4	7.1 *U*	240 *JN*	550 *JN*	790 *JN*
NA19	SD0067	09/03/2002		4	5.8	6.6 *U*	280 *JN*	590 *JN*	870 *JN*
NA20	SD0070	09/04/2002		0	2	9.5 *U*	220 *JN*	1,000 *JN*	1,200 *JN*
NA20	SD0071	09/04/2002		2	4	11 *U*	380 *JN*	1,200 *JN*	1,600 *JN*
NA20	SD0072	09/04/2002	1	4	6	7.9 *U*	390 *JN*	1,100 *JN*	1,500 *JN*
NA20	SD0074	09/04/2002	2	4	6	8.2 *U*	400 *JN*	1,200 *JN*	1,600 *JN*
NA20	SD0073	09/04/2002		6	8.1	7.6 *U*	710 *JN*	1,200 *JN*	1,900 *JN*
NA21	SD0158	09/21/2002		0	2	12 *U*	3,000 *JN*	4,800 *JN*	7,800 *JN*
NA21	SD0159	09/21/2002		2	4	11 *U*	1,800 *JN*	3,300 *JN*	5,100 *JN*
NA21	SD0160	09/21/2002		4	6	7.0 *U*	100 *JN*	290 *JN*	390 *JN*
NA21	SD0161	09/21/2002		6	7.6	5.9 *U*	30 *U*	120 *U*	78 *U*
NA23	SD0091	09/04/2002		0	2	15 *U*	410 *JN*	1,100 *JN*	1,500 *JN*
NA23	SD0092	09/04/2002		2	4	8.0 *U*	480 *JN*	880 *JN*	1,400 *JN*
NA23	SD0093	09/04/2002		4	4.7	5.9 *U*			3.0 *U*
NA24	SD0165	09/21/2002		0	2	12 *U*	110 *U*	430 *U*	280 *U*
NA24	SD0166	09/21/2002		2	4	6.5 *U*	33 *U*	130 *U*	85 *U*
NA25	SD0153	09/20/2002		0	2	7.1 *U*	65 *U*	260 *U*	170 *U*
NA25	SD0154	09/20/2002		2	4	6.3 *U*	55 *U*	220 *U*	140 *U*
NA25	SD0155	09/20/2002		4	5.2	6.0 *U*	30 *U*	120 *U*	78 *U*
NA26	SD0147	09/19/2002		0	2	7.2 *U*	67 *U*	270 *U*	170 *U*
NA26	SD0148	09/19/2002		2	4	7.1 *U*	35 *U*	140 *U*	91 *U*

Table B2-8. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Petroleum Hydrocarbons: Gasoline-Range Organics	Diesel-Range Organics	Residual-Range Organics	Total Petroleum Hydrocarbons[a]
NA26	SD0149	09/19/2002		4	6	6.0 *U*	30 *U*	120 *U*	78 *U*
NA26	SD0150	09/19/2002		6	7.5	5.9 *U*	52 *U*	210 *U*	130 *U*
NA29	SD0162	09/21/2002		0	2	8.1 *U*	200 *JN*	520 *JN*	720 *JN*
NA29	SD0163	09/21/2002	1	2	4.4	6.0 *U*	31 *U*	130 *U*	84 *U*
NA29	SD0164	09/21/2002	2	2	4.4	6.0 *U*	31 *U*	130 *U*	84 *U*
NA30	SD0151	09/20/2002		0	2	7.9 *U*	81 *JN*	320 *U*	240 *JN*
NA30	SD0152	09/20/2002		2	3.4	6.2 *U*	57 *U*	230 *U*	150 *U*
NA31	SD0144	09/19/2002		0	2	6.4 *U*	61 *U*	250 *U*	160 *U*
NA31	SD0145	09/19/2002		2	3	5.8 *U*	30 *U*	120 *U*	78 *U*
Southwest Marine									
SW01	SD0001	08/13/2002		0	2	8.2 *U*	480 *JN*	940 *JN*	1,400 *JN*
SW01	SD0002	08/13/2002		2	4	6.7 *U*	130 *JN*	470 *JN*	600 *JN*
SW01	SD0003	08/13/2002		4	5.4	5.8 *U*	29 *U*	120 *U*	77 *U*
SW02	SD0027	08/27/2002		0	2	8.7 *U*	1,000 *JN*	1,500 *JN*	2,500 *JN*
SW02	SD0028	08/27/2002		2	4	6.9 *U*	160 *JN*	270 *U*	300 *JN*
SW04	SD0025	08/27/2002		0	2	7.3 *U*	240 *JN*	550 *JN*	790 *JN*
SW04	SD0026	08/27/2002		2	4.1	6.8 *U*	2,100 *JN*	3,100 *JN*	5,200 *JN*
SW08	SD0033	08/28/2002	1	0	2	9.6 *U*	970 *JN*	1,500 *JN*	2,500 *JN*
SW08	SD0040	08/28/2002	2	0	2	9.4 *U*	910 *JN*	1,500 *JN*	2,400 *JN*
SW08	SD0038	08/28/2002		2	4	6.9 *U*	820 *JN*	1,000 *JN*	1,800 *JN*
SW08	SD0039	08/28/2002		4	6	6.1 *U*	31 *U*	130 *U*	84 *U*
SW10	SD0041	08/28/2002		0	2	7.9 *U*	140 *JN*	350 *JN*	490 *JN*
SW10	SD0042	08/28/2002		2	2.9	5.9 *U*	30 *U*	120 *U*	78 *U*
SW12	SD0020A	08/27/2002		0	2	9.0 *U*	84 *U*	340 *U*	220 *U*
SW12	SD0021	08/27/2002		2	3.7	6.0 *U*	31 *U*	130 *U*	84 *U*
SW17	SD0017	08/26/2002		0	2	13 *U*	520 *JN*	1,100 *JN*	1,600 *JN*
SW17	SD0018	08/26/2002		2	4	8.5 *U*	600 *JN*	990 *JN*	1,600 *JN*
SW17	SD0019	08/26/2002		4	6.2	6.6 *U*	200 *JN*	320 *JN*	520 *JN*
SW19	SD0029	08/28/2002		0	2	9.2 *U*	88 *U*	350 *U*	220 *U*
SW19	SD0030	08/28/2002		2	4	6.5 *U*	33 *U*	140 *U*	90 *U*
SW19	SD0031	08/28/2002		4	5.4	6.3 *U*	32 *U*	130 *U*	84 *U*
SW20	SD0004	08/13/2002		0	1.5	7.9 *U*	610 *JN*	1,100 *JN*	1,700 *JN*
SW20	SD0005	08/13/2002		1.5	2.4	6.1 *U*	60 *JN*	130 *U*	130 *JN*
SW24	SD0006	08/13/2002		0	2	9.2 *U*	5,000 *JN*	5,200 *JN*	10,000 *JN*
SW24	SD0007	08/13/2002		2	3	17 *JN*	720 *JN*	680 *JN*	1,400 *JN*
SW25	SD0008	08/13/2002		0	2	7.8 *U*	160 *JN*	450 *JN*	610 *JN*
SW25	SD0009	08/13/2002		2	4.2	8.7 *U*	500 *JN*	1,000 *JN*	1,500 *JN*
SW27	SD0014	08/14/2002	1	0	2	8.8 *U*	630 *JN*	1,400 *JN*	2,000 *JN*
SW27	SD0016	08/14/2002	2	0	2	8.8 *U*	520 *JN*	1,100 *JN*	1,600 *JN*
SW27	SD0015	08/14/2002		2	4.3	6.4 *U*	84 *JN*	190 *JN*	280 *JN*
SW27	SD0013	08/14/2002		5.3	5.6	6.1 *U*	31 *U*	130 *U*	84 *U*
SW28	SD0010	08/14/2002		0	2	10 *U*	2,500 *JN*	3,500 *JN*	6,000 *JN*
SW28	SD0011	08/14/2002		2	4	8.3 *U*	1,900 *JN*	2,600 *JN*	4,500 *JN*
SW28	SD0012	08/14/2002		4	5.3	8.6 *U*	280 *JN*	840 *JN*	1,100 *JN*
SW29	SD0043	08/28/2002		0	2	7.4 *U*	300 *JN*	660 *JN*	960 *JN*
SW29	SD0044	08/28/2002		2	4	6.5 *U*	33 *U*	130 *U*	85 *U*
SW29	SD0045	08/28/2002		4	6	6.2 *U*	31 *U*	130 *U*	84 *U*
SW29	SD0046	08/28/2002		6	7	6.0 *U*	30 *U*	120 *U*	78 *U*

Table B2-8. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (ft)	Lower Depth (ft)	Petroleum Hydrocarbons			
						Gasoline-Range Organics	Diesel-Range Organics	Residual-Range Organics	Total Petroleum Hydrocarbons[a]
SW30	SD0055	08/29/2002		0	2	13 *U*	350 *JN*	990 *JN*	1,300 *JN*
SW30	SD0056	08/29/2002		2	4	14 *U*	610 *JN*	1,100 *JN*	1,700 *JN*
SW30	SD0057	08/29/2002		4	6	8.8 *U*	440 *JN*	550 *JN*	990 *JN*
SW30	SD0058	08/29/2002		6	8	6.7 *U*	67 *U*	270 *U*	170 *U*
SW31	SD0024	08/27/2002		0	2	6.9 *U*	44 *JN*	140 *U*	120 *JN*
SW32	SD0051	08/29/2002		0	2	8.8 *U*	85 *U*	340 *U*	220 *U*
SW32	SD0059	08/29/2002		2	2.8	5.8 *U*	29 *U*	120 *U*	77 *U*
SW33	SD0032	08/28/2002		0	2	7.6 *U*	72 *U*	290 *U*	180 *U*
SW34	SD0052	08/29/2002	1	0	2	7.6 *U*	81 *JN*	300 *U*	230 *JN*
SW34	SD0054	08/29/2002	2	0	2	7.8 *U*	83 *JN*	290 *U*	230 *JN*
SW34	SD0053	08/29/2002		2	2.8	6.1 *U*			3.1 *U*
SW36	SD0022	08/27/2002		0	2	14 *U*	300 *JN*	770 *JN*	1,100 *JN*
SW36	SD0023	08/27/2002		2	4.3	9.6 *U*	620 *JN*	1,000 *JN*	1,600 *JN*

Note: All results reported as mg/kg dry weight.

J - estimated
N - tentatively identified
U - undetected at quantitation limit shown

[a] Total petroleum hydrocarbons are computed as the sum of diesel-, residual-, and gasoline-range organics. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[b] Samples SD0053, SD0083, and SD0093 were not analyzed for diesel-range organics and residual-range organics because limited sample material was available.

Appendix B3

Engineering Characteristics

Table B3-1. Engineering characteristics for sediment core samples

Station	Sample Number	Date	Field Split	Upper Depth (in.)	Lower Depth (in.)	Moisture (as % of solids)	Total Solids (dry wt. as % of wet wt.)	Specific Gravity (SI units)	Atterberg Limits (percent wet)		Plasticity Index	Grain-Size Distribution (percent dry)		
									Liquid Limit	Plastic Limit		Particles >4.75 mm	Particles >2.00 mm and <4.75 mm	Very Coarse Sand (Phi Class –1 to 0)
NASSCO														
NA06	SD0068E	09/03/2002		0	35	78	56	2.68	47	21	26	0	3	6
NA06	SD0069E	09/03/2002		35	47	22	82	2.73				2	4	9
NA09	SD0079E	09/04/2002	1	0	72	120	47	2.58	87	33	55	2	2	1
NA09	SD0083E	09/04/2002	2	0	72	106	49	2.69	87	32	55	5	0	1
NA09	SD0082	09/04/2002		72	96	67	60	2.75	68	29	39	0	0	1
NA13	SD0156E	09/20/2002		0	21	37	73	2.70	34	18	16	0	3	6
NA13	SD0157E	09/20/2002		21	38	22	82	2.73				0	0	1
NA17	SD0088	09/04/2002		0	24	183	35	2.60	82	32	50	2	1	1
NA17	SD0089E	09/04/2002		24	42	36	73	2.68	40	19	21	14	9	8
NA17	SD0090E	09/04/2002		42	61	25	80	2.68	32	17	15	7	16	15
NA24	SD0165E	09/21/2002		0	26	93	52	2.75	63	24	39	4	6	4
NA24	SD0166E	09/21/2002		26	48	28	78	2.70				0	1	1
Southwest Marine														
SW01	SD0001	08/13/2002		0	24	57	64	2.70				8	6	6
SW01	SD0002	08/13/2002		24	48	39	72	2.75	29	19	10	2	1	1
SW01	SD0003	08/13/2002		48	65	26	80	2.71				24	8	5
SW10	SD0049	08/28/2002		0	17	127	44	2.68	75	28	47	0	3	5
SW10	SD0050	08/28/2002		17	35	18	85	2.68	46	18	28	0	14	32
SW17	SD0017E	08/26/2002	1	0	36	165	38	2.75	103	33	70	0	0	0
SW17	SD0020	08/26/2002	2	0	36	150	40	2.77	90	32	58	0	0	0
SW17	SD0018E	08/26/2002		60	74	19	84	2.75				2	12	14
SW24	SD0006E	08/13/2002		0	30	88	53	2.66	57	23	34	0	0	1
SW24	SD0007E	08/13/2002		30	36	19	84	2.74	26	13	13	0	2	4
SW30	SD0061	08/29/2002		0	48	177	36	2.42				0	2	4
SW30	SD0062	08/29/2002		48	72	88	53	2.78	69	27	42	0	0	0
SW30	SD0063	08/29/2002		72	104	30	77	2.77				7	9	11
SW31	SD0035	08/27/2002		0	12	69	59	2.74	28	24	4	0	1	2
SW31	SD0036	08/27/2002		12	35	30	77	2.73				0	0	0

Table B3-1. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (in.)	Lower Depth (in.)	Grain-Size Distribution (percent dry) Coarse Sand (Phi Class 0 to 1)	Medium Sand (Phi Class 1 to 2)	Fine Sand (Phi Class 2 to 3)	Very Fine Sand (Phi Class 3 to 4)	Coarse Silt (Phi Class 4 to 5)	Medium Silt (Phi Class 5 to 6)	Fine Silt (Phi Class 6 to 7)
NASSCO												
NA06	SD0068E	09/03/2002		0	35	8	12	18	11	6	8	5
NA06	SD0069E	09/03/2002		35	47	15	22	19	10	6	3	2
NA09	SD0079E	09/04/2002	1	0	72	2	3	6	8	8	12	12
NA09	SD0083E	09/04/2002	2	0	72	1	3	5	7	7	13	12
NA09	SD0082	09/04/2002		72	96	0	0	6	12	4	12	13
NA13	SD0156E	09/20/2002		0	21	15	27	17	7	2	4	4
NA13	SD0157E	09/20/2002		21	38	2	4	33	42	3	2	3
NA17	SD0088	09/04/2002		0	24	2	4	8	7	7	13	12
NA17	SD0089E	09/04/2002		24	42	9	12	13	6	3	4	4
NA17	SD0090E	09/04/2002		42	61	12	11	12	6	3	2	3
NA24	SD0165E	09/21/2002		0	26	4	5	7	3	4	8	9
NA24	SD0166E	09/21/2002		26	48	3	11	59	16	3	1	1
Southwest Marine												
SW01	SD0001	08/13/2002		0	24	6	13	30	10	4	2	4
SW01	SD0002	08/13/2002		24	48	2	7	40	10	7	6	5
SW01	SD0003	08/13/2002		48	65	5	10	31	5	2	2	1
SW10	SD0049	08/28/2002		0	17	5	4	6	8	7	10	8
SW10	SD0050	08/28/2002		17	35	26	9	4	3	2	2	2
SW17	SD0017E	08/26/2002	1	0	36	1	1	2	4	7	14	13
SW17	SD0020	08/26/2002	2	0	36	0	1	3	5	6	15	13
SW17	SD0018E	08/26/2002		60	74	11	10	13	15	11	4	2
SW24	SD0006E	08/13/2002		0	30	1	6	26	12	4	8	7
SW24	SD0007E	08/13/2002		30	36	8	13	18	10	7	6	4
SW30	SD0061	08/29/2002		0	48	3	2	2	7	5	13	18
SW30	SD0062	08/29/2002		48	72	1	0	3	5	8	15	14
SW30	SD0063	08/29/2002		72	104	13	18	21	7	1	2	2
SW31	SD0035	08/27/2002		0	12	4	10	35	23	3	3	2
SW31	SD0036	08/27/2002		12	35	1	3	28	64	1	0	1

Table B3-1. (cont.)

Station	Sample Number	Date	Field Split	Upper Depth (in.)	Lower Depth (in.)	Grain-Size Distribution (percent dry) Very Fine Silt (Phi Class 7 to 8)	Coarse Clay (Phi Class 8 to 9)	Medium Clay (Phi Class 9 to 10)	Fine Clay and Smaller (Phi Class >10)
NASSCO									
NA06	SD0068E	09/03/2002		0	35	7	10	2	4
NA06	SD0069E	09/03/2002		35	47	2	1	1	3
NA09	SD0079E	09/04/2002	1	0	72	12	8	20	7
NA09	SD0083E	09/04/2002	2	0	72	22	21	2	1
NA09	SD0082	09/04/2002		72	96	10	8	18	16
NA13	SD0156E	09/20/2002		0	21	3	3	2	7
NA13	SD0157E	09/20/2002		21	38	3	2	1	4
NA17	SD0088	09/04/2002		0	24	31	6	1	5
NA17	SD0089E	09/04/2002		24	42	3	4	5	3
NA17	SD0090E	09/04/2002		42	61	3	2	2	6
NA24	SD0165E	09/21/2002		0	26	8	7	6	20
NA24	SD0166E	09/21/2002		26	48	1	0	1	2
Southwest Marine									
SW01	SD0001	08/13/2002		0	24	3	2	3	3
SW01	SD0002	08/13/2002		24	48	3	3	2	11
SW01	SD0003	08/13/2002		48	65	2	1	1	3
SW10	SD0049	08/28/2002		0	17	8	7	7	22
SW10	SD0050	08/28/2002		17	35	1	1	1	3
SW17	SD0017E	08/26/2002	1	0	36	12	10	9	30
SW17	SD0020	08/26/2002	2	0	36	11	10	10	26
SW17	SD0018E	08/26/2002		60	74	1	2	1	1
SW24	SD0006E	08/13/2002		0	30	7	6	5	17
SW24	SD0007E	08/13/2002		30	36	5	5	4	14
SW30	SD0061	08/29/2002		0	48	19	12	4	11
SW30	SD0062	08/29/2002		48	72	11	9	7	27
SW30	SD0063	08/29/2002		72	104	1	1	1	5
SW31	SD0035	08/27/2002		0	12	3	2	2	9
SW31	SD0036	08/27/2002		12	35	0	0	0	2

Appendix B4

Profiles of Sediment Grain Size

PERCENT FINES (clay and silt) (percent dry)

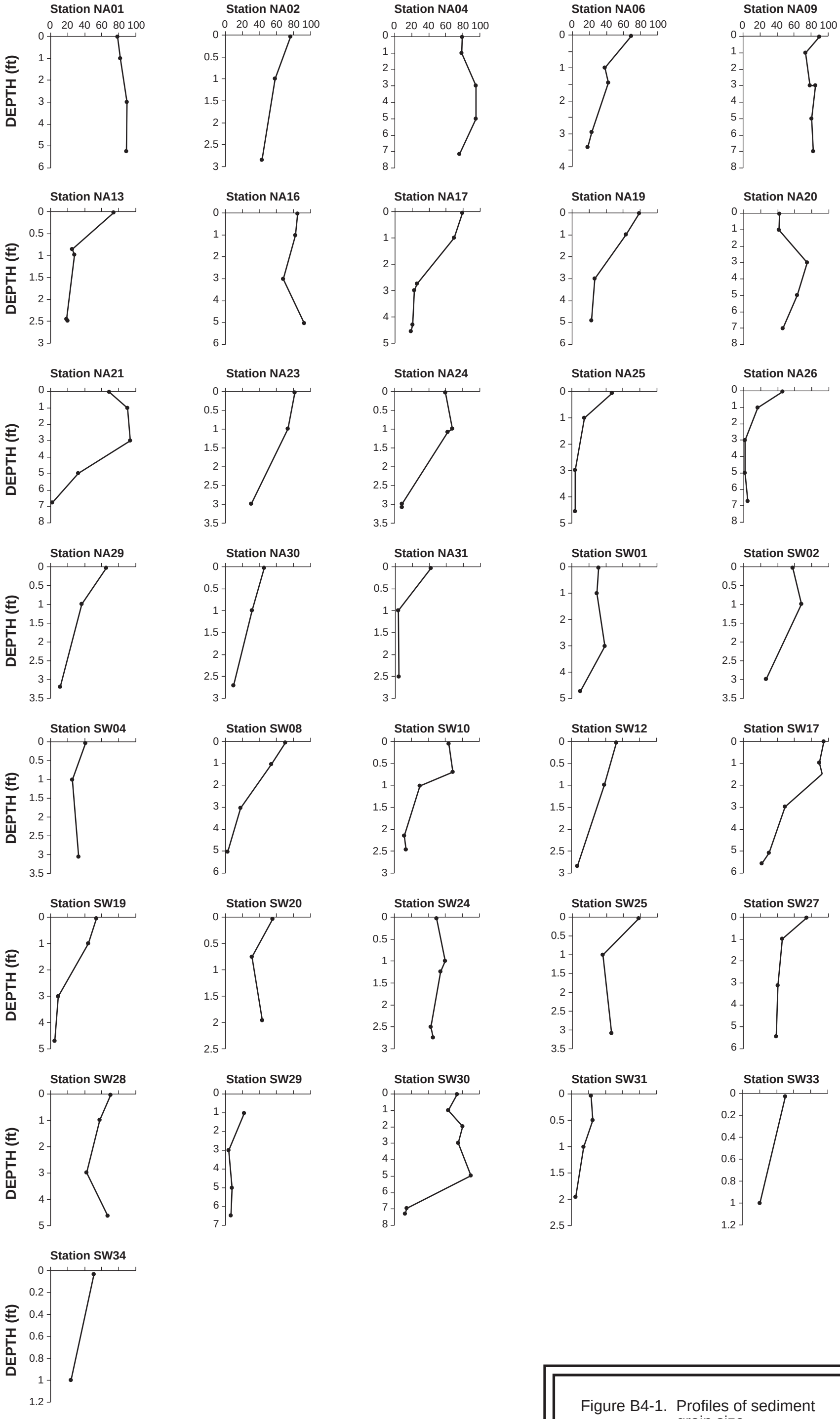

Figure B4-1. Profiles of sediment grain size

Appendix B5

Reference Pool Data from Other Studies

Contents

Table B5-1. Navy 2001 chemistry data for sediment samples from reference pool stations

Chemical	Units			
		Site Station:	2238	2433
		Survey:	NAVY	NAVY
		Survey Station:	2238	2433
		Date:	9/1/2002	9/1/2002
		Sample ID:	2238	2433
		Sample No:	2238	2433
Conventional parameters				
Total organic carbon	%		1.01	0.530
Grain-size determination				
Percent clay	%		37.8	14.9
Percent fines (clay and silt)	%		69.0	38.4
Percent gravel	%		0.0400	0.0150
Percent sand	%		31.0	61.5
Percent silt	%		31.2	23.6
Metals				
Aluminum	mg/kg		81,200	73,900
Antimony	mg/kg		0.837	0.561 *J*
Arsenic	mg/kg		7.80	5.55
Barium	mg/kg		419	528
Beryllium	mg/kg		1.33	1.12
Cadmium	mg/kg		0.133	0.288
Chromium	mg/kg		59.2	42.2
Copper	mg/kg		71.0	43.3
Iron	mg/kg		44,600	30,000
Lead	mg/kg		28.8	23.3
Mercury (total)	mg/kg		0.262	0.251 *J*
Nickel	mg/kg		16.5	11.2
Selenium	mg/kg		0.234 *J*	0.180 *J*
Silver	mg/kg		0.510 *J*	0.385 *J*
Zinc	mg/kg		214	115
Semivolatiles				
C1-Naphthalenes	µg/kg		0.86 *J*	3.1
C2-Naphthalenes	µg/kg		1.3 *J*	6.0
C3-Naphthalenes	µg/kg		1.4 *J*	6.1
C4-Naphthalenes	µg/kg		1.4 *J*	4.7
C1-Fluorenes	µg/kg		0.18 *UJ*	0.53 *UJ*
C2-Fluorenes	µg/kg		0.18 *UJ*	0.53 *U*
C3-Fluorenes	µg/kg		0.18 *UJ*	7.5
C1-Phenanthrenes/anthracenes	µg/kg		4.3	18
C2-Phenanthrenes/anthracenes	µg/kg		4.3	16
C3-Phenanthrenes/anthracenes	µg/kg		3.7	10
C4-Phenanthrenes/anthracenes	µg/kg		5.6	26
C1-Fluoranthenes/pyrenes	µg/kg		12	66
C2-Fluoranthenes/pyrene	µg/kg		9.3	34
C3-Fluoranthenes/pyrene	µg/kg		4.6	16
C1-Benz[a]anthracenes/chrysenes	µg/kg		5.2	32
C2-Benz[a]anthracenes/chrysenes	µg/kg		3.8	19
C3-Benz[a]anthracenes/chrysenes	µg/kg		4.0	15
C4-Benz[a]anthracenes/chrysenes	µg/kg		4.1	9.1
Dibenzothiophene	µg/kg		0.70 *J*	1.4 *J*
C1-Dibenzothiophenes	µg/kg		0.86 *J*	2.2 *J*
C2-Dibenzothiophenes	µg/kg		1.4	5.1

Table B5-1. (cont.)

Chemical	Units	Site Station:	2238	2433
		Survey:	NAVY	NAVY
		Survey Station:	2238	2433
		Date:	9/1/2002	9/1/2002
		Sample ID:	2238	2433
		Sample No:	2238	2433
C3-Dibenzothiophenes	µg/kg		1.9	5.1
Naphthalene	µg/kg		2.0 *J*	3.1 *J*
Acenaphthylene	µg/kg		1.8 *J*	6.0
Acenaphthene	µg/kg		0.42 *J*	1.5 *J*
Fluorene	µg/kg		1.2 *J*	3.1 *J*
Phenanthrene	µg/kg		7.9	21 *J*
Anthracene	µg/kg		2.9	18 *J*
Pyrene	µg/kg		32	89 *J*
Benz[a]anthracene	µg/kg		8.2	58
Chrysene	µg/kg		13	86 *J*
Benzo[b]fluoranthene	µg/kg		28 *J*	140 *J*
Benzo[k]fluoranthene	µg/kg		5.5	51 *J*
Benzo[a]pyrene	µg/kg		19	90
Benzo[e]pyrene	µg/kg		17	72
Indeno[1,2,3-cd]pyrene	µg/kg		21	62
Dibenz[a,h]anthracene	µg/kg		3.2	14
Benzo[ghi]perylene	µg/kg		25	59
Total PAHs	µg/kg		290	1,200
Total priority pollutant PAH	µg/kg		200	780
Biphenyl	µg/kg		0.38 *J*	0.72 *J*
Perylene	µg/kg		5.2	24
High molecular weight PAHs	µg/kg		100	420
Low molecular weight PAHs	µg/kg		17	56
Fluoranthene	µg/kg		28	78 *J*
PCB Congeners				
PCB Congener 18	µg/kg		0.023 *J*	0.51
PCB Congener 28	µg/kg		0.090	0.50
PCB Congener 37	µg/kg		0.28	0.58
PCB Congener 44	µg/kg		0.19 *J*	0.41
PCB Congener 49	µg/kg		0.34	0.38
PCB Congener 52	µg/kg		0.29 *J*	0.52
PCB Congener 66	µg/kg		0.37	0.68
PCB Congener 70	µg/kg		0.46	0.64
PCB Congener 74	µg/kg		0.23	0.41
PCB Congener 77	µg/kg		0.20 *J*	0.64
PCB Congener 81	µg/kg		0.25	0.40
PCB Congener 87	µg/kg		0.16	0.31
PCB Congener 99	µg/kg		0.75	0.91
PCB Congener 101	µg/kg		0.72 *J*	1.4 *J*
PCB Congener 105	µg/kg		0.32	0.72 *J*
PCB Congener 110	µg/kg		0.39	0.83
PCB Congener 114	µg/kg		0.079 *U*	0.16
PCB Congener 118	µg/kg		0.62	1.5
PCB Congener 119	µg/kg		0.035 *J*	0.072 *J*
PCB Congener 123	µg/kg		0.079 *U*	0.83
PCB Congener 126	µg/kg		0.079 *U*	0.23 *U*

Table B5-1. (cont.)

Chemical	Units	Site Station:	2238	2433
		Survey:	NAVY	NAVY
		Survey Station:	2238	2433
		Date:	9/1/2002	9/1/2002
		Sample ID:	2238	2433
		Sample No:	2238	2433
PCB Congener 128	µg/kg		0.16	0.37
PCB Congener 138	µg/kg		0.96	2.6
PCB Congener 149	µg/kg		0.76 *J*	1.2
PCB Congener 151	µg/kg		0.17	0.59
PCB Congener 153	µg/kg		1.3 *J*	3.0
PCB Congener 156	µg/kg		0.063	0.26
PCB Congener 157	µg/kg		0.027 *J*	0.054 *J*
PCB Congener 158	µg/kg		0.066 *U*	0.64
PCB Congener 167	µg/kg		0.13	0.35
PCB Congener 168	µg/kg		0.066 *U*	0.19 *U*
PCB Congener 169	µg/kg		0.066 *U*	0.19 *U*
PCB Congener 170	µg/kg		0.26	0.77
PCB Congener 177	µg/kg		0.31	0.58
PCB Congener 180	µg/kg		0.30 *J*	1.2
PCB Congener 183	µg/kg		0.12	0.42
PCB Congener 187	µg/kg		0.52	1.1
PCB Congener 189	µg/kg		0.056 *U*	0.054 *J*
PCB Congener 194	µg/kg		0.11	0.35
PCB Congener 201	µg/kg		0.21	0.61
PCB Congener 206	µg/kg		0.081	0.21 *J*
Total PCBs				
PCBs	µg/kg		11.7	27.4
Pesticides				
4,4'-DDD	µg/kg		0.081 *J*	0.34 *J*
4,4'-DDE	µg/kg		0.7	1.1
4,4'-DDT	µg/kg		0.23	0.11 *J*
alpha-Chlordane	µg/kg		0.043 *J*	0.18 *J*
Chlordane	µg/kg		0.183	0.57
gamma-Chlordane	µg/kg		0.14 *J*	0.39 *J*
o,p'-DDD	µg/kg		0.16 *J*	0.22 *J*
o,p'-DDE	µg/kg		0.1 *U*	0.29 *U*
o,p'-DDT	µg/kg		0.074 *J*	0.18 *J*
Total DDT, DDE, DDD	µg/kg		1.345	2.24

Note: All results reported as dry weight.

J - estimated
PAH - polycyclic aromatic hydrocarbon
PCB - polychlorinated biphenyl
U - undetected at detection limit shown

Table B5-2. Bight '98 chemistry data for sediment samples from reference pool stations

		Site Station:	2231	2233	2238	2240	2241	2242	2243	2244	2247
		Survey:	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98
		Survey Station:	2231	2233	2238	2240	2241	2242	2243	2244	2247
		Date:	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998
		Sample ID:	2231	2233	2238	2240	2241	2242	2243	2244	2247
Chemical	Units	Sample No:	2231	2233	2238	2240	2241	2242	2243	2244	2247
Conventional Parameters											
Total organic carbon	%		0.639	0.450	0.958	0.547	0.517	0.742	0.487	0.297	0.582
Percent fines (clay and silt)	%		31	36	57	44	18	31	35	20	44
Metals											
Aluminum	mg/kg		16,100	16,200	28,200	17,900	17,600	16,600	11,200	14,100	23,700
Antimony	mg/kg		5.00 *U*	5.00 *U*	5.00 *U*	5.00 *U*	4.67	5.00 *U*	5.00 *U*	10.0	5.00 *U*
Arsenic	mg/kg		4.73	4.26	5.88	4.33	4.53	4.27	3.66	4.23	6.16
Barium	mg/kg		39.6	39.0	60.4	40.3	36.4	35.9	25.0	33.4	47.7
Beryllium	mg/kg		0.310	0.320	0.510	0.290	0.210	0.290	0.240	0.250	0.430
Cadmium	mg/kg		0.0410	0.0130	0.166	0.0830	0.0880	0.0955	0.101	0.104	0.109
Chromium	mg/kg		26.7	28.5	33.1	29.5	27.5	25.4	20.8	21.2	28.3
Copper	mg/kg		58.1	52.0	55.1	47.4	59.2	42.0	38.8	41.8	53.4
Iron	mg/kg		16,500	15,900	25,700	18,200	16,300	15,100	11,600	13,600	20,400
Lead	mg/kg		21.6	26.8	18.1	22.5	26.3	17.8	19.9	15.4	17.4
Mercury (total)	mg/kg		0.224	0.316	0.169	0.263	0.213	0.300	0.239	0.177	0.157
Nickel	mg/kg		8.00	7.90	12.2	8.10	7.33	6.80	5.10	5.70	8.50
Selenium	mg/kg		0.130	0.110 *U*	0.300	0.190	0.168	0.150	0.150	0.110 *U*	0.337
Silver	mg/kg		0.300	0.0160 *U*	0.427	0.512	0.538	0.493	0.504	0.390	0.407
Zinc	mg/kg		92.5	106	143	103	104	89.8	81.2	82.4	103
Semivolatiles											
1,6,7-Trimethylnaphthalene	ng/g		39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*
1-Methyl phenanthrene	ng/g		29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*
1-Methylnaphthalene	ng/g		39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*
2,6-Dimethylnaphthalene	ng/g		43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*
2-Methylnaphthalene	ng/g		39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*
Benzo[e]pyrene	ng/g		60.1 *R*	18.0 *U*	18.0 *U*	27.5 *R*	18.0 *U*	29.0 *R*	18.0 *U*	18.0 *U*	18.8 *R*
Perylene	ng/g		19.6 *R*	18.0 *U*	18.0 *U*	18.0 *U*	18.0 *U*	18.0 *U*	18.0 *U*	18.0 *U*	18.0 *U*
Biphenyl	ng/g		42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*
Acenaphthene	ng/g		42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*
Acenaphthylene	ng/g		25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*
Anthracene	ng/g		35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*
Benz[a]anthracene	ng/g		33.9 *R*	23.0 *U*	23.0 *U*	23.7 *R*	23.0 *U*	23.0 *U*	23.0 *U*	23.0 *U*	23.0 *U*
Benzo[a]pyrene	ng/g		65.9 *R*	18.0 *U*	18.0 *U*	28.8 *R*	18.0 *U*	33.0 *R*	18.0 *U*	18.0 *U*	18.9 *R*
Benzo[b]fluoranthene	ng/g		67.0	27.0 *U*	27.0 *U*	41.0	27.0 *U*	37.0	27.0 *U*	27.0 *U*	28.0
Benzo[ghi]perylene	ng/g		49.0 *R*	25.0 *U*	25.0 *U*	26.1 *R*	25.0 *U*	29.9 *R*	25.0 *U*	25.0 *U*	25.0 *U*
Benzo[k]fluoranthene	ng/g		66.9 *R*	20.0 *U*	20.0 *U*	20.4 *R*	20.0 *U*	30.6 *R*	20.0 *U*	20.0 *U*	20.0 *U*
Chrysene	ng/g		50.9 *R*	21.0 *U*	21.0 *U*	21.0 *UR*	21.0 *U*	21.3 *R*	21.0 *U*	21.0 *U*	21.0 *U*

Table B5-2. (cont.)

		Site Station:	2231	2233	2238	2240	2241	2242	2243	2244	2247
		Survey:	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98
		Survey Station:	2231	2233	2238	2240	2241	2242	2243	2244	2247
		Date:	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998
		Sample ID:	2231	2233	2238	2240	2241	2242	2243	2244	2247
Chemical	Units	Sample No:	2231	2233	2238	2240	2241	2242	2243	2244	2247
Dibenz[a,h]anthracene	ng/g		25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*
Fluoranthene	ng/g		41.9 *R*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*
Fluorene	ng/g		46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*
Indeno[1,2,3-cd]pyrene	ng/g		39.6 *R*	22.0 *U*	22.0 *U*	22.0 *U*	22.0 *U*	23.9 *R*	22.0 *U*	22.0 *U*	22.0 *U*
Naphthalene	ng/g		36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*
Phenanthrene	ng/g		37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*
Pyrene	ng/g		65.5 *R*	30.1 *R*	27.0 *U*	32.2 *R*	27.0 *U*	29.0 *R*	27.0 *U*	27.0 *U*	27.0 *U*
PCB Congeners											
PCB Congener 101	ng/g		1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
PCB Congener 105	ng/g		0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*
PCB Congener 110	ng/g		0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*
PCB Congener 114	ng/g		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 118	ng/g		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 119	ng/g		1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
PCB Congener 123	ng/g		9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*
PCB Congener 126	ng/g		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 128	ng/g		8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*
PCB Congener 138	ng/g		1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
PCB Congener 149	ng/g		1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*
PCB Congener 151	ng/g		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 153/168	ng/g		1.5	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
PCB Congener 156	ng/g		1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*
PCB Congener 157	ng/g		5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*
PCB Congener 158	ng/g		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 167	ng/g		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PCB Congener 169	ng/g		1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*
PCB Congener 170	ng/g		1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
PCB Congener 177	ng/g		2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*
PCB Congener 18	ng/g		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 180	ng/g		2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*
PCB Congener 183	ng/g		1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*
PCB Congener 187	ng/g		1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
PCB Congener 189	ng/g		1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
PCB Congener 194	ng/g		1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*
PCB Congener 201	ng/g		2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*
PCB Congener 206	ng/g		5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*
PCB Congener 28	ng/g		0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*

Table B5-2. (cont.)

		Site Station:	2231	2233	2238	2240	2241	2242	2243	2244	2247
		Survey:	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98
		Survey Station:	2231	2233	2238	2240	2241	2242	2243	2244	2247
		Date:	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998
		Sample ID:	2231	2233	2238	2240	2241	2242	2243	2244	2247
Chemical	Units	Sample No:	2231	2233	2238	2240	2241	2242	2243	2244	2247
PCB Congener 37	ng/g		1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*
PCB Congener 44	ng/g		0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*
PCB Congener 49	ng/g		1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
PCB Congener 52	ng/g		1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
PCB Congener 66	ng/g		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 70	ng/g		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 74	ng/g		7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*
PCB Congener 77	ng/g		3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*
PCB Congener 81	ng/g		4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*
PCB Congener 87	ng/g		1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*
PCB Congener 99	ng/g		4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*
Pesticides											
4,4'-DDD	ng/g		0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*
4,4'-DDE	ng/g		0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	1.0
4,4'-DDT	ng/g		0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*	2.1	0.94 *U*	0.94 *U*	0.94 *U*
alpha-Chlordane	ng/g		0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*
gamma-Chlordane	ng/g		0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*
o,p'-DDD	ng/g		0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
o,p'-DDE	ng/g		0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*
o,p'-DDT	ng/g		0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*

Table B5-2. (cont.)

Chemical	Units	Basis	Site Station:	2252	2256	2257	2265	2433	2435	2436	2440
			Survey:	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98
			Survey Station:	2252	2256	2257	2265	2433	2435	2436	2440
			Date:	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998
			Sample ID:	2252	2256	2257	2265	2433	2435	2436	2440
			Sample No:	2252	2256	2257	2265	2433	2435	2436	2440
Conventional Parameters											
Total organic carbon	%	dry		0.593	1.26	1.63	0.354	1.17	0.548	1.36	0.496
Percent fines (clay and silt)	%	dry		16	67	77	13	71	49	55	38
Metals											
Aluminum	mg/kg	dry		8,720	29,000	44,300	6,240	30,800	21,000	31,400	14,700
Antimony	mg/kg	dry		5.00 *U*	5.00 *U*	5.00 *U*	5.00 *U*	13.5	5.00 *U*	7.46	14.5
Arsenic	mg/kg	dry		4.34	7.47	9.08	2.48	8.32	5.06	8.62	4.84
Barium	mg/kg	dry		22.0	82.2	105	20.0	91.1	75.1	94.8	46.2
Beryllium	mg/kg	dry		0.200 *U*	0.540	0.770	1.52	0.540	0.200	0.583	0.300
Cadmium	mg/kg	dry		0.0410	0.200	0.175	0.0690	0.245	0.136	0.206	0.0400
Chromium	mg/kg	dry		14.8	54.3	66.7	3.00 *U*	34.5	20.6	48.4	24.3
Copper	mg/kg	dry		31.1	128	157	18.0	71.6	28.4	85.8	41.8
Iron	mg/kg	dry		11,600	30,300	38,200	8,190	30,900	21,400	31,100	15,800
Lead	mg/kg	dry		13.8	54.1	64.1	12.0	21.0	7.10	34.4	20.6
Mercury (total)	mg/kg	dry		0.113	0.632	0.511	0.0650	0.263	0.123	0.517	0.235
Nickel	mg/kg	dry		4.20	14.3	18.7	3.00 *U*	14.9	9.90	15.3	7.20
Selenium	mg/kg	dry		0.110 *U*	0.203	0.280	0.110 *U*	0.220	0.110 *U*	0.210	0.140
Silver	mg/kg	dry		0.204	1.29	1.25	0.192	0.499	0.185	0.616	0.0160 *U*
Zinc	mg/kg	dry		64.2	197	233	43.2	126	64.4	145	81.1
Semivolatiles											
1,6,7-Trimethylnaphthalene	ng/g	dry		39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*
1-Methyl phenanthrene	ng/g	dry		29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*	29.0 *U*
1-Methylnaphthalene	ng/g	dry		39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*
2,6-Dimethylnaphthalene	ng/g	dry		43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*	43.0 *U*
2-Methylnaphthalene	ng/g	dry		39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*	39.0 *U*
Benzo[e]pyrene	ng/g	dry		18.0 *U*	41.1 *R*	52.9 *R*	18.0 *U*	48.0 *R*	18.0 *U*	46.3 *R*	18.0 *U*
Perylene	ng/g	dry		18.0 *U*	20.4 *R*	20.5 *R*	18.0 *U*	18.0 *U*	18.0 *U*	18.1 *R*	18.0 *U*
Biphenyl	ng/g	dry		42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*
Acenaphthene	ng/g	dry		42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*	42.0 *U*
Acenaphthylene	ng/g	dry		25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*
Anthracene	ng/g	dry		35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*	35.0 *U*
Benz[a]anthracene	ng/g	dry		23.0 *U*	31.4 *R*	38.9 *R*	23.0 *U*	51.1 *R*	23.0 *U*	40.1 *R*	23.0 *U*
Benzo[a]pyrene	ng/g	dry		18.0 *U*	43.8 *R*	55.9 *R*	18.0 *U*	53.1 *R*	18.0 *U*	57.1 *R*	18.0 *U*
Benzo[b]fluoranthene	ng/g	dry		27.0 *U*	56.0	70	27.0 *U*	73.5	27.0 *U*	59.3	27.0 *U*
Benzo[ghi]perylene	ng/g	dry		25.0 *U*	35.2 *R*	39.7 *R*	25.0 *U*	30.4 *R*	25.0 *U*	32.6 *R*	25.0 *U*
Benzo[k]fluoranthene	ng/g	dry		20.0 *U*	40.9 *R*	56.7 *R*	20.0 *U*	49.4 *R*	20.0 *U*	58.6 *R*	20.0 *U*
Chrysene	ng/g	dry		21.0 *U*	36.5 *R*	48.6 *R*	21.0 *U*	63.7 *R*	21.0 *U*	51.5 *R*	21.0 *U*

Table B5-2. (cont.)

Chemical	Units	Basis	Site Station:	2252	2256	2257	2265	2433	2435	2436	2440
			Survey:	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98
			Survey Station:	2252	2256	2257	2265	2433	2435	2436	2440
			Date:	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998
			Sample ID:	2252	2256	2257	2265	2433	2435	2436	2440
			Sample No:	2252	2256	2257	2265	2433	2435	2436	2440
Dibenz[a,h]anthracene	ng/g	dry		25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*	25.0 *U*
Fluoranthene	ng/g	dry		39.0 *U*	39.7 *R*	45.2 *R*	39.0 *U*	46.3 *R*	39.0 *U*	49.9 *R*	39.0 *U*
Fluorene	ng/g	dry		46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*	46.0 *U*
Indeno[1,2,3-cd]pyrene	ng/g	dry		22.0 *U*	30.7 *R*	36.0 *R*	22.0 *U*	27.3 *R*	22.0 *U*	29.7 *R*	22.0 *U*
Naphthalene	ng/g	dry		36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*	36.0 *U*
Phenanthrene	ng/g	dry		37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*	37.0 *U*
Pyrene	ng/g	dry		29.5 *R*	42.5 *R*	46.8 *R*	27.0 *U*	56.4 *R*	27.0 *U*	57.0 *R*	27.0 *U*
PCB Congeners											
PCB Congener 101	ng/g	dry		1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
PCB Congener 105	ng/g	dry		0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*	0.93 *U*
PCB Congener 110	ng/g	dry		0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*
PCB Congener 114	ng/g	dry		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 118	ng/g	dry		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 119	ng/g	dry		1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
PCB Congener 123	ng/g	dry		9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*	9.6 *U*
PCB Congener 126	ng/g	dry		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 128	ng/g	dry		8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*	8.9 *U*
PCB Congener 138	ng/g	dry		1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
PCB Congener 149	ng/g	dry		1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*
PCB Congener 151	ng/g	dry		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 153/168	ng/g	dry		1.2 *U*	1.2 *U*	1.7	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
PCB Congener 156	ng/g	dry		1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*
PCB Congener 157	ng/g	dry		5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*	5.6 *U*
PCB Congener 158	ng/g	dry		1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
PCB Congener 167	ng/g	dry		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PCB Congener 169	ng/g	dry		1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*
PCB Congener 170	ng/g	dry		1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
PCB Congener 177	ng/g	dry		2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*
PCB Congener 18	ng/g	dry		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 180	ng/g	dry		2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*	2.7 *U*
PCB Congener 183	ng/g	dry		1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*
PCB Congener 187	ng/g	dry		1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
PCB Congener 189	ng/g	dry		1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
PCB Congener 194	ng/g	dry		1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*
PCB Congener 201	ng/g	dry		2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*	2.3 *U*
PCB Congener 206	ng/g	dry		5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*	5.8 *U*
PCB Congener 28	ng/g	dry		0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*	0.96 *U*

Table B5-2. (cont.)

			Site Station:	2252	2256	2257	2265	2433	2435	2436	2440
			Survey:	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98	BIGHT98
			Survey Station:	2252	2256	2257	2265	2433	2435	2436	2440
			Date:	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998
			Sample ID:	2252	2256	2257	2265	2433	2435	2436	2440
Chemical	Units	Basis	Sample No:	2252	2256	2257	2265	2433	2435	2436	2440
PCB Congener 37	ng/g	dry		1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*	1.7 *U*
PCB Congener 44	ng/g	dry		0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*
PCB Congener 49	ng/g	dry		1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*
PCB Congener 52	ng/g	dry		1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
PCB Congener 66	ng/g	dry		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 70	ng/g	dry		1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
PCB Congener 74	ng/g	dry		7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*	7.9 *U*
PCB Congener 77	ng/g	dry		3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*
PCB Congener 81	ng/g	dry		4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*	4.7 *U*
PCB Congener 87	ng/g	dry		1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*	1.8 *U*
PCB Congener 99	ng/g	dry		4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*	4.1 *U*
Pesticides											
4,4'-DDD	ng/g	dry		0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*	0.91 *U*
4,4'-DDE	ng/g	dry		0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*
4,4'-DDT	ng/g	dry		0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*
alpha-Chlordane	ng/g	dry		0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*	0.55 *U*
gamma-Chlordane	ng/g	dry		0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*	0.64 *U*
o,p'-DDD	ng/g	dry		0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
o,p'-DDE	ng/g	dry		0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*
o,p'-DDT	ng/g	dry		0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*

Note: All results reported as dry weight.
PCB - polychlorinated biphenyl
R - rejected
U - undetected at detection limit shown

Appendix B6

Summary of Electron Microprobe Results and Laboratory Report

Table B6-1. Summary of electron microprobe results

Phase	Station SW27[a]			Station SW04[b]			Station SW02[c]			Station NA19[d]		
	Frequency of Occurrence	Relative Mass of Copper	Relative Mass of Chromium	Frequency of Occurrence	Relative Mass of Copper	Relative Mass of Chromium	Frequency of Occurrence	Relative Mass of Copper	Relative Mass of Chromium	Frequency of Occurrence	Relative Mass of Copper	Relative Mass of Chromium
$FeSO_4$							0.069	0.013	1.00	0.024	0.200	0.006
FeOOH				0.009	0.017	0	0.457	0.060	0	0.033	0.198	0
Fe-Cr Oxide	0.141	0	0.973	0.067	0	0.937				0.091	0	0.686
Slag	0.762	0.036	0.027	0.883	0.068	0.063				0.755	0.190	0.029
Clay										0.059	0.044	0.015
Brass							0.017	0.053	0			
$ZnCrSO_4$										0.030	0	0.263
Cu-Zn Oxide	0.048	0.516	0	0.002	0.040	0	0.040	0.050	0			
$CuSO_4$							0.046	0.052	0			
CuS							0.046	0.136	0			
Chalcopyrite	0.049	0.449	0	0.035	0.526	0	0.274	0.292	0	0.008	0.367	0
Native Cu				0.004	0.349	0	0.051	0.344	0			

Note: See Table B6-2 for data used in relative mass calculations.

[a] Sample SD0014.

[b] Sample SD0025.

[c] Sample SD0027.

[d] Sample SD0065.

Table B6-2. Concentration[a] and specific gravity data for relative mass calculations

Phase	Specific Gravity (g/cc)	Copper (mg/kg)	Chromium (mg/kg)
$FeSO_4$	3.7	66,000	1,400
FeOOH	4	44,000	
Fe-Cr Oxide	4.5		32,000
Slag	3.65	2,000	200
Clay	3.1	7,000	1,600
Brass	6.5	630,000	
$ZnCrSO_4$	4.2		40,000
Cu-Zn Oxide	4.01	420,000	
$CuSO_4$	3.5	430,000	
CuS	6	660,000	
Chalcopyrite	4.1	346,000	
Native Cu	8.9	1,000,000	

[a] Concentrations based on average measured values or stoichiometry.

LABORATORY REPORT

For

Exponent Inc.

January 29, 2003

By

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INTRODUCTION

Four samples were sent to the laboratory for copper and chromium speciation. A representative split of each sample was collected. Speciation results are graphically displayed in Figures 1-4 and tabulated along with counting errors (for a 95% UCL), particle-size and association data in EXCEL spreadsheets.

RESULTS

Of the four samples all produced sufficient particle counts to reduce estimated errors to an acceptable level except sample SD0027. Data from this sample must be carefully interpreted.

From the data it is clear that slag is the most common Cu-Cr bearing phase in the samples. However, most of the copper (>60% of the relative mass) is found in; chalcopyrite, Cu-Zn Oxide, or slag itself. Chalcopyrite is most likely directly associated with the slag, as although it is found freely liberated in the sample, it is often found as small (1-10μ) inclusions within the slag (Photo 1-3). The Cu-Zn oxide could either also be associated with the slag (although none was found as inclusions in slag) or it could represent small particles of brass that have been oxidized.

The only dominant chrome phase identified (>80% relative Cr mass) were small (1-10μ) inclusions of a Fe-Cr oxide within the slag (Photo 1).

METHODS

Metal speciation was conducted on a JOEL 8600 electron microprobe (EMPA) at the Laboratory for Geological Studies at the University of Colorado following the laboratories SOP. With the exception that the complete sample was used for speciation. Representative backscatter photomicrographs (BSPM) illustrating sample characteristics were acquired.

Data from EMPA will be summarized using two methods. The first method is the determination of FREQUENCY OF OCCURRENCE. This is calculated by summing the longest dimension of all the copper-and/or chrome bearing phases observed and then dividing each phase by the total.

Equation 1.0 will serve as an example to the calculation for an copper-bearing compound.

F_{Cu} - Frequency of occurrence of copper in a single phase.

PLD - An individual particles longest dimension

$$F_{Pb} \text{ in phase-1} = \frac{\Sigma\ (PLD)_{\text{phase-1}}}{\Sigma\ (PLD)_{\text{phase-1}} + \Sigma\ (PLD)_{\text{phase-2}} + \Sigma\ (PLD)_{\text{phase-n}}}$$

$$\%F_{Cu} \text{ in phase-1} = F_{Cu} \text{ in phase-1} * 100$$

This data thus illustrates which copper-bearing phase(s) are the most commonly observed in the sample or relative volume percent.

The second calculation used in this report is the determination of RELATIVE MASS of a metal-bearing phase. These data are calculated (using copper as an example) by substituting the PLD term in the equation above with the value of M_{Cu}. This term is calculated as defined below.

M_{Cu} - Mass of copper in a phase

SG - Specific Gravity of a phase

ppm_{Cu} - Concentration in ppm of copper in phase

$$M_{Cu} = F_{Cu} * SG * ppm_{Cu}$$

The advantage in reviewing the RELATIVE LEAD MASS determinations is that it gives one information as to which metal-bearing phase(s) in a sample are likely to control the total bulk concentration for copper. As an example, PHASE-1 may by relative volume comprise 98% of the sample, however it has a low specific gravity and contains only 1000 ppm copper, while PHASE-2 comprises 2% of the sample, has a high specific gravity and contains 850000 ppm of copper. In this example it is PHASE-2 that is the dominant source of copper to the sample. Values used for specific gravity and metal concentration for this report are given in Table 1.

Sample Preparation

1) Logging the samples of which polished mounts will be prepared

2) Inspection of all plastic cups, making sure each is clean and dry

3) Labeling each "mold" with its corresponding sample number.

4) All samples will be split to produce a homogeneous 1-4 gram sample.

5) Mixing epoxy resin and hardener according to manufacturer's directions.

6) Pour 1 gram of sample into mold. Double checking to make sure sample numbers on mold and sample match. Pouring epoxy into mold to just cover sample grains.

7) Using a new wood stirring stick with each sample, carefully blend epoxy and grains so as to coat all grains with epoxy.

8) Setting molds to cure at ROOM TEMPERATURE in a clean restricted area. Adding labels with sample numbers and covering with more epoxy resin. Leaving to cure completely at room temperature.

9) One at a time, removing each sample from its mold and grinding flat the back side of the mount.

10) Using 600 grit wet abrasive paper stretched across a grinding wheel for removing the bottom layer and exposing as many mineral grains as possible. Follow with 1000 grit paper.

11) Start polishing with 15μ oil based diamond paste on a polishing paper fixed to a lap. Using paper instead of cloth minimizes relief.

12) Next use 6 μ diamond polish on a similar lap.

13) Finally polish the sample with 1μ oil based diamond past on polishing paper. Followed by .05 μ alumina in water suspension. The quality should be checked after each step. Typical polishing times are 30 minutes for 15μ, 20 minutes for 6μ, 15 minutes for 1μ and 10 minutes for .05μ.

NOTE: use low speed on the polishing laps to avoid "plucking" of sample grains.

14) Samples should be completely cleaned in an ultrasonic cleaner with isopropyl alcohol or similar solvent to remove oil and finger prints.

15) To insure that no particles of lead are being cross contaminated with sample preparation procedures, a blank (epoxy only) mold will be made every 50th sample following all of the above procedures. This mold will then be speciated along with the other samples.

16) Each sample be carbon coated. Once coated the samples should be stored in a clean, dry environment with the carbon surface protected from scratches or handling.

POINT COUNTING

Counts are made by traversing each sample from left-to-right and top-to-bottom. The amount of vertical movement for each traverse would depend on magnification and CRT (cathode-ray tube) size. This movement should be minimized so that NO portion of the sample is missed when the end of a traverse is reached. Two magnification settings should be used. One ranging from 40-100X and a second from 300-600X. The last setting will allow one to find the smallest identifiable (1-2 micron) phases.
The portion of the sample examined in the second pass, under the higher magnification, will depend on the time available, the number of arsenic-bearing particles, and the complexity of metal mineralogy. A maximum of 8 hours will be spent per sample.

PRECISION and ACCURACY

The precision of the EMPA speciation will be determined based on sample duplicates run every 20 samples. The accuracy of the analysis will be estimated from a statistical evaluation of point counting data based on the method of Mosimann (1965).

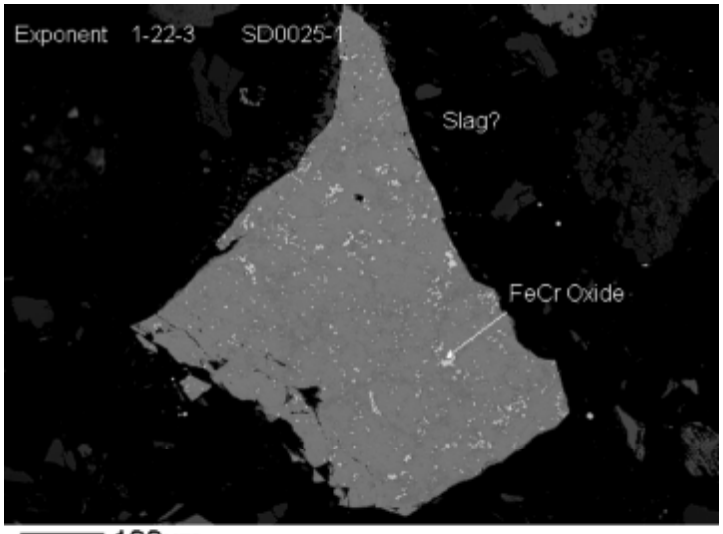
Quantitative elemental analysis, primarily performed on slag or other phases that have variable metal contents, will have precision and accuracy evaluated on counting statistics and standard reproducibility. A calibration check for lab copper and chrome was conducted on 1/29/03 (0900 MST) after all analysis was completed. The standards returned a mean values of 0.9985 and 0.9962, respectively. The certified value is 1.000, giving an RPD of <1%.

Table 1. Concentration[a] and specific gravity data for relative mass calculations

Phase	Specific Gravity (g/cc)	Copper (mg/kg)	Chromium (mg/kg)
$FeSO_4$	3.7	66,000	1,400
FeOOH	4	44,000	
Fe-Cr Oxide	4.5		32,000
Slag	3.65	2,000	200
Clay	3.1	7,000	1,600
Brass	6.5	630,000	
$ZnCrSO_4$	4.2		40,000
Cu-Zn Oxide	4.01	420,000	
$CuSO_4$	3.5	430,000	
CuS	6	660,000	
Chalcopyrite	4.1	346,000	
Native Cu	8.9	1,000,000	

[a] Concentrations based on average measured values or stoichiometry.

PHOTO 1. Backscatter photomicrographs of slag phase found in samples SD0025 and SD0065. Some of these phases contain small (1-10 μ) inclusions of a Fe-Cr oxide.



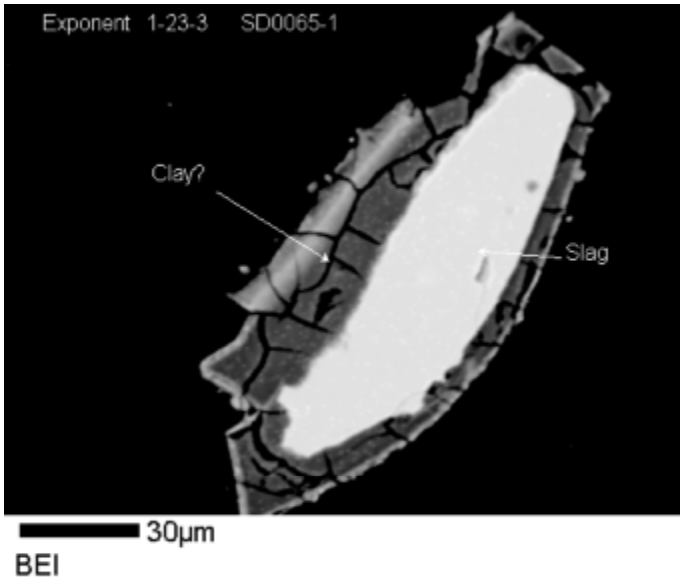
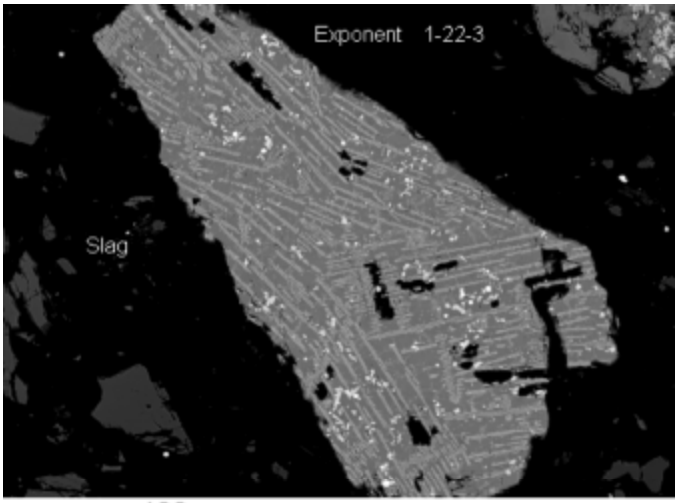


PHOTO 2. Backscatter photomicrograph of slags with Fe-Cr Oxide and chalcopyrite blebs from sample SD0025.



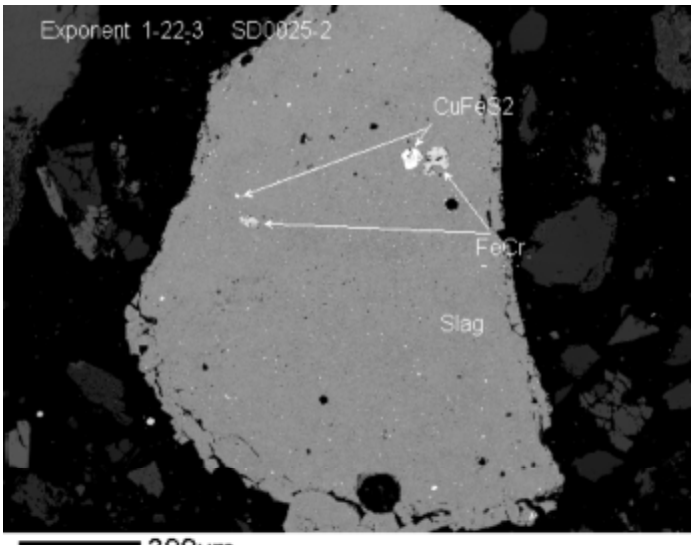
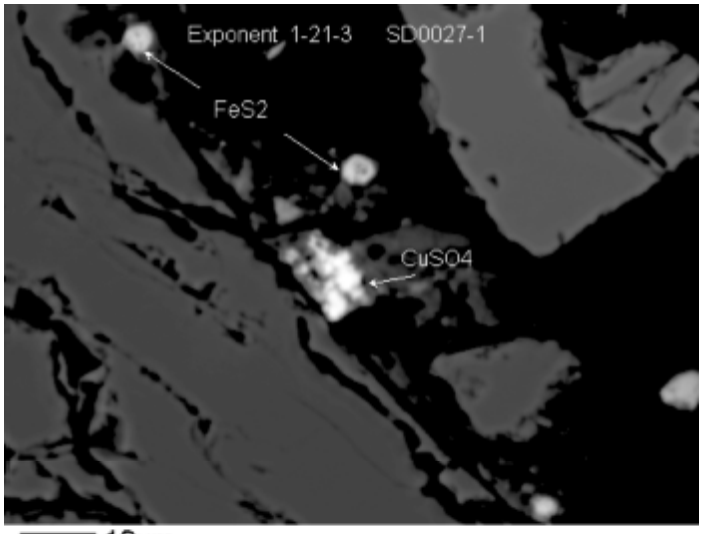
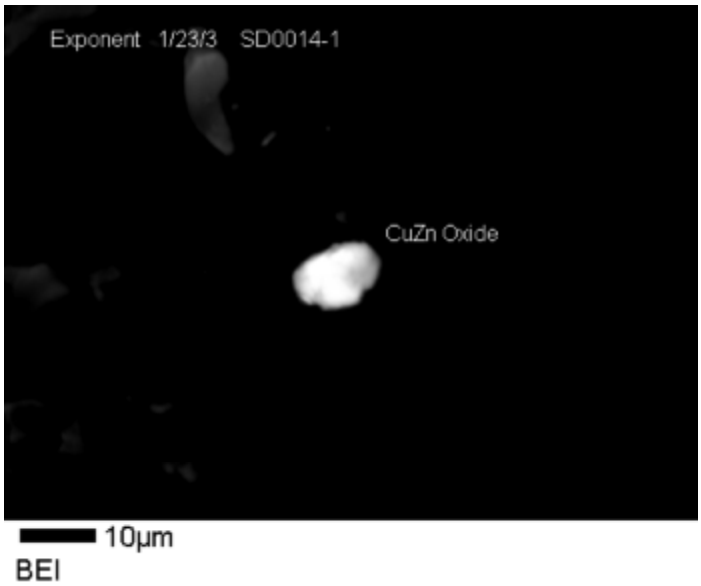


PHOTO 3. Backscatter photomicrographs from samples SD0027 and SD0014 illustrating other less common forms of copper.





Appendix C

Sediment Core Logs

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 18, 2002

Field Scientist: Jane Sexton

Total Depth: 5.5 feet

Station Number: NA01

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0141 (0-2 ft)	None	16:17	Roll 5 Photo 7	0		SILT: trace sand, autogenic pyrite, consistent texture, very dark gray (2.5Y 3/1), sulfide odor observed at 2 feet, decreasing moisture with depth, shell fragments.
SD0142 (2-4 ft), SD0146 (field duplicate)		16:17	Roll 5 Photo 8	1		
				2		
				3		SILT: color change to gray (2.5Y 5/1), petroleum odor. Refusal at 5.5 ft.
SD0143 (4-5.5 ft)		16:17	Roll 5 Photo 9	4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Piston Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 18, 2002

Field Scientist: Jane Sexton

Total Depth: 3.7 feet

Station Number: NA02

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0139 (0-2 ft)	None	10:12	Roll 5 Photo 5	0		SILT: trace sand throughout, very dark gray (2.5Y 3/1), faint odor, decreasing moisture with depth, shell fragments.
SD0140 (2-3.7 ft)		10:12	Roll 5 Photo 6	1		
				2		
				3		SAND: fine to medium, compacted, color varies between light yellowish brown (2.5Y 6/4) and light olive brown (2.5Y 5/4). Refusal at 3.7 ft.
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Date: September 4, 2002

Station Number: NA04

Contract Number: 8601718.002 0801

Field Scientist: Taryn Sparacio

Location: San Diego, California

Total Depth: 8.3 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0084 (0-2 ft)	None	14:30	Roll 4 Photo 8	0		SILT: clayey, plastic, very dark gray (10YR 3/1), wet, trace shells and shell fragments.
SD0085 (2-4 ft)		14:30	Roll 4 Photo 9	1		
				2		
				3		
SD0086 (4-6 ft)		14:30	Roll 4 Photo 10	4		SILT: clayey, same as above, chemical odor.
				5		
SD0087 (6-8.3 ft)		14:30	Roll 4 Photo 11	6		SILT: same as above, moisture content decreasing to moist. Refusal at 8.3 ft.
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 3, 2002

Field Scientist: Taryn Sparacio

Total Depth: 3.9 feet

Station Number: NA06

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0068 (0-2 ft)	SD0068 (0-2.9 ft)	18:25	Roll 3 Photo 18	0		SILT: with fine sand (approximately 25%), trace shell fragments, very dark gray (10YR 3/1), wet.
SD0069 (2-3.9 ft)		18:25	Roll 3 Photo 19	1		
	SD0069 (2.9-3.9 ft)	18:25		2		
				3		SILTY SAND: approximately 20% silt, sand is fine, same color as above, decreasing moisture with depth. Refusal at 3.9 ft.
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Date: September 4, 2002

Station Number: NA09

Contract Number: 8601718.002 0801

Field Scientist: Taryn Sparacio

Location: San Diego, California

Total Depth: 8.8 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0079 (0-2 ft)	SD0079 (0-6 ft), SD0083 (field duplicate)	12:45	Roll 4 Photo 4	0		SILT: clayey, plastic, very dark gray (10YR 3/1), wet.
				1		
SD0080 (2-4 ft)		12:45	Roll 4 Photo 5	2		
				3		
SD0081 (4-6 ft)		12:45	Roll 4 Photo 6	4		SILT: clayey, same as above, chemical odor.
				5		
SD0082 (6-8 ft)	SD0082 (6-8.8 ft)	12:45	Roll 4 Photo 7	6		SILT: same as above, stiffer, moisture content decreases to moist. Refusal at 8.8 ft.
				7		
SD0083 (8-8.8 ft)		12:45		8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 20, 2002

Field Scientist: Jane Sexton

Total Depth: 3.2 feet

Station Number: NA13

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0156 (0-2 ft)	SD0156 (0-1.8 ft)	15:58	Roll 5 Photo 22	0		SILT: with some fine grain sand, dark grayish brown (2.5Y 4/2), decreasing moisture content with depth, few shell fragments.
				1		SAND AND SILT: transition area is a mixture of SILT and fine SAND, silt is dark grayish brown (2.5Y 4/2) and sand is light olive brown (2.5Y 5/4).
SD0157 (2-3.2 ft)	SD0156 (1.8-3.2 ft)	15:58	Roll 5 Photo 23	2		SAND: fine grain, light olive brown (2.5Y 5/4). Refusal at 3.2 feet.
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 4, 2002

Field Scientist: Taryn Sparacio

Total Depth: 6.1 feet

Station Number: NA16

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0075 (0-2 ft)		10:50	Roll 4 Photo 1	0		SILT: clayey, plastic, very dark gray (10YR 3/1), wet.
SD0076 (2-4 ft), SD0078 (field duplicate)		10:50	Roll 4 Photo 2	1		
				2		
				3		
SD0077 (4-6.1 ft)		10:50	Roll 4 Photo 3	4		SILT: clayey, decreasing from wet to moist with depth.
				5		
				6		SAND AND SILT: sand is fine, compacted. Same material found in shoe of core. Refusal at 6.1 ft.
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 4, 2002

Field Scientist: Taryn Sparacio

Total Depth: 5.1 feet

Station Number: NA17R

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0088 (0-2 ft)	SD0088 (0-2 ft)	13:40	Roll 4 Photo 12	0		SILT: dark gray brown (2.5Y 4/2), wet, some shell fragments.
				1		
SD0089 (2-4 ft)	SD0089 (2-3.5 ft)	13:40	Roll 4 Photo 13	2		SILT: sandy gravelly SILT, sand is fine, gravel is rounded ranging from 1-4 in diameter, very dark gray (10YR 3/1).
				3		
	SD0090 (3.5-5.1 ft)					SAND: with abundant shell fragments.
SD0090 (4-5.1 ft)		13:40	Roll 4 Photo 14	4		
				5		SAND: decreasing shell fragments, color change to yellowish brown (10YR 5/6). Refusal at 5.1 ft.
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 3, 2002

Field Scientist: Taryn Sparacio

Total Depth: 5.8 feet

Station Number: NA19

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0065 (0-2 ft)	None	16:50	Roll 3 Photo 15	0		SILT: very dark gray (10YR 3/1), wet, some shell fragments (approximately 1 in. diameter).
				1		
				2		SILTY SAND: approximately 30-35% silt, sand is fine, same color as above, wet.
SD0066 (2-4 ft)		16:50	Roll 3 Photo 16	3		
				4		
SD0067 (4-5.8 ft)		16:50	Roll 3 Photo 17	5		SILTY SAND: sand grades finer and increasing silt content (approximatley 40%) with depth, sample color as above, decreasing moisture content with depth. Refusal at 5.8 ft; clayey SILT observed in shoe of core.
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Date: September 4, 2002

Station Number: NA20

Contract Number: 8601718.002 0801

Field Scientist: Taryn Sparacio

Location: San Diego, California

Total Depth: 8.1 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0070 (0-2 ft)	None	9:50	Roll 3 Photo 20	0		SILT: clayey, plastic, very dark gray (10YR 3/1), wet.
SD0071 (2-4 ft)		9:50	Roll 3 Photo 21	1		
SD0072 (4-6 ft), SD0074 (field duplicate)		9:50	Roll 3 Photo 22	2		
SD0073 (6-8 ft)		9:50	Roll 3 Photo 23	3		
				4		
				5		SILT: same as above with lenses of fine sand approximately 1 in thick from 5-7 ft. Stick (3 in long) observed at 6 ft.
				6		
				7		SANDY SILT: sand is fine, sand is approximately 15%, same color as above, petroleum-like odor, moist. Refusal at 8.1 ft.
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 21, 2002

Field Scientist: Jane Sexton

Total Depth: 7.6 feet

Station Number: NA21

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0158 (0-2 ft)	None	7:54	Photos over-exposed	0		SILT: dark gray (5/Y 4/1), strong sulfide odor decresing with depth to sand layer at 5 ft, decreasing moisture with depth, consistent texture and color throughout interval.
				1		
SD0159 (2-4 ft)		7:54		2		SILT: more cohesive than interval above.
				3		
SD0160 (4-6 ft)		7:54		4		
				5		SAND: with some silt, shell fragments, gray (5Y 5/1).
SD0161 (6-7.6 ft)		7:54		6		SAND: color change to olive gray (5Y 5/2). Refusal at 7.6 ft.
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 4, 2002

Field Scientist: Taryn Sparacio

Total Depth: 4.7 feet

Station Number: NA23R

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0091 (0-2 ft)	None	15:30	Roll 4 Photo 15	0		SILT: shell fragments, very dark gray (10YR 3/1), wet.
SD0092 (2-4 ft)		15:30	Roll 4 Photo 16	1		
				2		
SD0093 (4-4.7 ft)		15:30	Roll 4 Photo 17	3		SAND: medium, well sorted, trace silt, same color as above, wet, few shell fragments. Refusal at 4.7 ft; compacted sand in shoe.
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 21, 2002

Field Scientist: Jane Sexton

Total Depth: 4.0 feet

Station Number: NA24

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0165 (0-2 ft)	None	13:58	Roll 7 Photo 4	0		SILT: dark olive gray (5Y 3/2), high moisture content (30%), faint reducing odor. At 14 in., interval of SILT, dark olive gray, high moisture content, with several rocks approximately 0.5 in. in diameter.
				1		
				2		SAND AND SILT: coarse sand, shell fragments. Silt is dark olive gray.
SD0166 (2-4 ft)		13:58	Roll 7 Photo 5			SILT: compacted, cohesive, olive gray (5Y 5/2), very little moisture.
						SAND: with some SILT and shell fragments. Sand is medium to coarse. Silt is olive gray (5Y 5/2) to light gray (5Y 7/2).
				3		SAND: fine, well sorted, light gray (5Y 7/2), few shell fragments. Refusal at 4 ft.
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 20, 2002

Field Scientist: Jane Sexton

Total Depth: 5.2 feet

Station Number: NA25

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0153 (0-2 ft)	None	12:36	Roll 5 Photo 19	0		SILTY SAND: very dark gray (2.5Y 3/1), decreasing moisture with depth, some shell fragments.
				1		SAND: fine, well sorted, dark gray (2.5Y 4/1) to gray (2.5Y 5/1), no moisture, shell fragments.
SD0154 (2-4 ft)		12:36	Roll 5 Photo 20	2		
				3		
SD0155 (4-5.2 ft)		12:36	Roll 5 Photo 21	4		SAND: fine, well sorted, gray (2.5Y 6/1), abundant shell fragments. Refusal at 5.2 ft.
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 19, 2002

Field Scientist: Jane Sexton

Total Depth: 7.5 feet

Station Number: NA26

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0147 (0-2 ft)	None	15:20	Roll 5 Photo 12	0		SILT: very dark gray (2.5Y 3/1), with shell fragments.
				1		
SD0148 (2-4 ft)		15:20	Roll 5 Photo 13	2		SILT: abundant shell fragments with little SILT, colors of shell fragments and silt combination include pale yellow (2.5Y 8/3 and 2.5Y 7/3), light yellowish brown (2.5Y 6/3), and light olive brown (2.5Y 5/3).
				3		
SD0149 (4-6 ft)		15:20	Roll 5 Photo 14	4		
				5		
SD0150 (6-7.5 ft)		15:20	Roll 5 Photo 15	6		SILTY SAND: increasing sand, increasing moisture content. Abundant shell fragments from 6.5 to 6.7 ft.
				7		SAND: gray (2.5Y 5/1). SAND: light olive brown (2.5Y 6/6). Refusal at 7.5 ft.
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 21, 2002

Field Scientist: Jane Sexton

Total Depth: 4.4 feet

Station Number: NA29

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0162 (0-2 ft)	None	10:37	Photos over-exposed.	0		SILT: dark gray (2.5Y 4/1), decreasing moisture with depth.
				1		
SD0163 (2-4.4 ft), SD0164 (field duplicate)		10:37		2		CLAY: strong brown (7.5YR 5/6), with shell fragments.
						GRAVEL: approximately 6-8 medium size rocks ranging from 0.5-1.5 in. diameter (removed from sample).
				3		SAND: very fine, well sorted, brownish yellow (10YR 6/6). Refusal at 4.4 ft.
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 20, 2002

Field Scientist: Jane Sexton

Total Depth: 3.4 feet

Station Number: NA30

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0151 (0-2 ft)	None	8:55	Roll 5 Photo 16	0		SILT: with shell fragments, grayish brown (2.5Y 5/2), decreasing moisture with depth.
SD0152 (2-3.4 ft)		8:55	Roll 5 Photo 17	2		SAND AND SILT: sand is light olive brown (2.5Y 5/6), silt is grayish brown (2.5Y 5/2).
				3		SAND: fine to medium, poorly sorted, large rock at 2.6 ft (removed), light olive brown (2.5Y 5/6). Refusal at 3.4 ft. Four large rocks and large clam shell in bottom of corer (not included in sample).

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: NASSCO

Contract Number: 8601718.002 0801

Location: San Diego, California

Date: September 19, 2002

Field Scientist: Jane Sexton

Total Depth: 3.0 feet

Station Number: NA31

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0144 (0-2 ft)	None	11:05	Roll 5 Photo 10	0		SAND: fine to medium, well sorted, very thin (approximately 1 cm) layer of silt on sediment surface, dark gray (5Y 4/1), very little moisture below top centimeter, shell fragments throughout.
				1		
SD0145 (2-3 ft)		11:05	Roll 5 Photo 11	2		SAND: medium, several large rocks (removed from sample), gray (5Y 5/1), abundant shell fragments (mostly whole clam shells). Refusal at 3 ft.
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: Exponent/Steve Klein

Core Type/Method: Slide-Hammer Corer

Client: Southwest Marine
Date: August 13, 2002
Station Number: SW01
Contract Number: 8601731.002 0801
Field Scientist: Taryn Sparacio
Location: San Diego, California
Total Depth: 5.4 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0001 (0-2 ft)	SD0001 (0-2 ft)	08:35	Roll 1 Photo 1	0		SILT: with trace fine sand, dark gray (10YR 4/1), wet, abundant shell fragments (1/16 to 1/8 in. diameter).
SD0002 (2-4 ft)	SD0002 (2-4 ft)	08:35	Roll 1 Photo 2	2		SILT: decreasing trace sand (mica and quartz observed) with depth and increasing trace clay with depth, trace shell fragments (typically 1/16 in. diameter).
				4		CLAY AND SILT: approximately 3-10% clay at 4 ft.
SD0003 (4-5.4 ft)	SD0003 (4-5.4 ft)	08:35	Roll 1 Photo 3	4		SILT: increasing fine sand (approximatley 3-10%), abundant shell fragments (1/2 to 1 in,diameter) to bottom of core, clam (chione) and oyster shells observed. Refusal at 5.4 ft; silty SAND with abundant shell fragments observed in shoe of core.
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 27, 2002

Field Scientist: Taryn Sparacio

Total Depth: 4.9 feet

Station Number: SW02

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0027 (0-2 ft)	None	15:45	Roll 2 Photo 13	0		SILT: very dark gray (10YR 3/1), petroleum odor, wet, trace shell fragments. Increasing clay with depth (maximum of 15% clay).
				1		
SD0028 (2-4 ft)		15:45	Roll 2 Photo 14	2		
				3		SILTY SAND: fine to medium sand, approximately 10% silt, wet, abundant shell fragments. Refusal at 4.9 ft.
SD0037 (4-4.9 ft)		15:45		4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine
Date: August 27, 2002
Station Number: SW04
Contract Number: 8601731.002 0801
Field Scientist: Taryn Sparacio
Location: San Diego, California
Total Depth: 4.1 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0025 (0-2 ft)	None	14:15	Roll 2 Photo 11	0		SILTY SAND: fine, well sorted sand, approximately 15% silt, very dark gray (10YR 3/1), wet, some shell fragments.
				1		
SD0026 (2-4.1 ft)		14:15	Roll 2 Photo 12	2		SILTY SAND: color change to black (10YR 2/1), petroleum odor, moist, sheen observed. Refusal at 4.1 ft.
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine | **Date:** August 28, 2002 | **Station Number:** SW08

Contract Number: 8601731.002 0801 | **Field Scientist:** Taryn Sparacio

Location: San Diego, California | **Total Depth:** 6.5 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0033 (0-2 ft), SD0040 (field duplicate)	None	15:30	Roll 2 Photo 17	0		SILT: with trace fine sand, black (10YR 2/1), wet. Increasing fine SAND with depth.
SD0038 (2-4 ft)		15:30	Roll 2 Photo 18	2		SANDY SILT: approximately 25% fine sand, petroleum odor, moist, abundant coarse shell fragments; shells increasing with depth.
SD0039 (4-6 ft)		15:30	Roll 2 Photo 19	4		SANDY SILT: color change to gray (10YR 5/1).
SD0048 (6-6.5 ft)		15:30		5		SAND: fine sand with some silt (approximately 10%), grayish brown (2.5Y 5/2), slightly moist. Refusal at 6.5 ft.
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 28, 2002

Field Scientist: Taryn Sparacio

Total Depth: 2.9 feet

Station Number: SW10

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0041 (0-2 ft)	SD0049 (0-1.4 ft)	16:25	Roll 3 Photo 5	0		
				1		SILT: very dark gray (10YR 3/1), wet.
SD0042 (2-2.9 ft)	SD0050 (1.4-2.9 ft)	16:25		2		SAND: with trace silt. Sand is medium, well sorted, yellowish brown (10YR 5/6), wet. Refusal at 2.9 ft.
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine
Contract Number: 8601731.002 0801
Location: San Diego, California

Date: August 27, 2002
Field Scientist: Taryn Sparacio
Total Depth: 3.7 feet

Station Number: SW12

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0020A (0-2 ft)	None	08:05	Roll 2 Photo 4	0		SANDY SILT: sand is fine (approximately 15%), dark grayish brown (2.5Y 4/2), wet, few shell fragments.
				1		
SD0021 (2-3.7 ft)		08:05	Roll 2 Photo 5	2		
				3		SILTY SAND: approximatly 5% silt, wet, abundant shell fragments. Grading to medium to coarse poorly sorted SAND with depth.
						SAND: fine to medium, mica observed, olive brown (2.5Y 4/3), wet. Refusal at 3.7 ft.
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 26, 2002

Field Scientist: Taryn Sparacio

Total Depth: 6.2 feet

Station Number: SW17

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0017 (0-2 ft)	SD0017 (0-3.3 ft), SD0020 (field duplicate)	15:35	Roll 2 Photo 1	0		CLAY AND SILT: gray (2.4Y 5/1).
				1		CLAY AND SILT: color change to very dark gray (2.5Y 3/1).
SD0018 (2-4 ft)		15:35	Roll 2 Photo 2	2		
				3		
				4		SAND: fine, well sorted, mica observed, dark gray (10YR 4/1), moist. Interbedded SILT and fine SAND lenses approximately 3 in. thick starting at 3.8 ft, same color as above, moist.
SD0019 (4-6.2 ft)		15:35	Roll 2 Photo 3			
	SD0018 (5-6.2 ft)	15:35		5		SAND: medium to coarse, well sorted, moist, abundant shell fragments.
				6		SILT: with trace fine sand, light olive brown (2.5Y 5/4), slightly moist. Refusal at 6.2 ft.
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 28, 2002

Field Scientist: Taryn Sparacio

Total Depth: 5.4 feet

Station Number: SW19

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0029 (0-2 ft)	None	10:05	Roll 2 Photo 20	0		SILT: dark gray (2.5Y 4/1), wet, few shell fragments.
				1		
SD0030 (2-4 ft)		10:05	Roll 2 Photo 21	2		SILTY SAND: sand is fine and approximately 40%, wet.
				3		
SD0031 (4-5.4 ft)		10:05	Roll 2 Photo 22	4		
				5		SAND: increasing sand with depth (to approximatley 50%). Refusal at 5.4 ft.
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 13, 2002

Field Scientist: Taryn Sparacio

Total Depth: 2.4 feet

Station Number: SW20

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0004 (0-1.5 ft)	None	16:51	Roll 1 Photos 6&7	0		SANDY SILT: fine sand, very dark gray (10YR 3/1), petroleum odor, very moist, some shell fragments, sheen observed.
				1		
SD0005 (1.5-2.4 ft)		16:51	Roll 1 Photo 5	2		CLAYEY SAND: sand is fine (potassium feldspar, mica, biotite, and quartz observed), very compacted, approximately 10-20% clay, strong brown (7.5YR 5/6), slightly moist. Refusal at 2.4 ft; abundant shell hash in shoe of core.
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine
Date: August 13, 2002
Station Number: SW24
Contract Number: 8601731.002 0801
Field Scientist: Taryn Sparacio
Location: San Diego, California
Total Depth: 3.0 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0006 (0-2 ft)	SD0006 (0-2.5 ft)	14:45	Roll 1 Photo 8	0		SILT: very dark gray (10YR 3/1), sulfide odor, wet, trace shells (1/16 in. diameter), clam shell observed.
				1		
SD0007 (2-3 ft)		14:45	Roll 1 Photo 9	2		
	SD0007 (2.5-3 ft)	14:45				CLAY AND SAND: approximately 5-10% fine sand, stiff and compacted, dark yellowish brown (10YR 4/6), dry. Refusal at 3 ft.
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 13, 2002

Field Scientist: Taryn Sparacio

Total Depth: 4.2 feet

Station Number: SW25

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0008 (0-2 ft)	None	18:00	Roll 1 Photo 10	0		SILT: with trace fine sand, very dark gray (10YR 3/1), wet, trace shell fragments.
				1		
SD0009 (2-4.2 ft)		18:00	Roll 1 Photo 11	2		
				3		
				4		SAND: medium to coarse, subangular to subrounded, poorly sorted, yellowish brown (10YR 5/4), wet. Refusal at 4.2 ft.
				5		
				6		
				7		
				8		
				9		

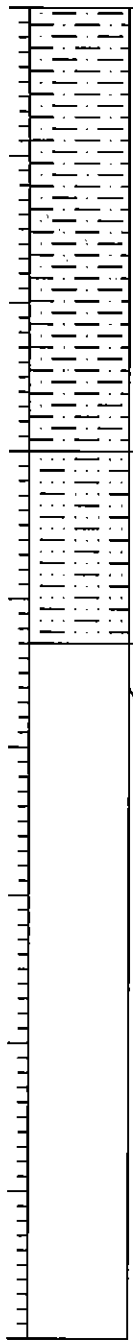
Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine
Date: August 14, 2002
Station Number: SW27
Contract Number: 8601731.002 0801
Field Scientist: Taryn Sparacio
Location: San Diego, California
Total Depth: 4.3 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0014 (0-2 ft), SD0016 (field duplicate)	None	17:10	Roll 1 Photo 16	0		SILT: with trace fine sand, very dark gray (10YR 3/1), wet, trace shell fragments observed.
SD0015 (2-4.3 ft)		17:10	Roll 1 Photo 17	3		SANDY SILT: sand is fine and compacted, stiff, grayish brown (10YR 5/2) with yellowish brown mottling (10YR 6/8), very low moisture content. Refusal at 4.3 ft.
SD0013 (4.3-4.6 ft)		17:10	Roll 1 Photo 15	4		very compacted clayey SAND with orange mottling observed in shoe of core.



Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine
Contract Number: 8601731.002 0801
Location: San Diego, California

Date: August 14, 2002
Field Scientist: Taryn Sparacio
Total Depth: 5.3 feet

Station Number: SW28

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0010 (0-2 ft)	SD0010 (0-1.8 ft)	12:15	Roll 1 Photo 12	0		SILT: trace coarse sand and fine gravel, very dark gray (10YR 3/1), wet, trace shell fragments.
				1		
SD0011 (2-4 ft)		12:15	Roll 1 Photo 13	2		GRAVELLY SILT: with fine to coarse sand (approximatley 15%), gravel (approximatley 30%) is fine and poorly sorted, compacted, same color as above, petroleum odor, wet.
	SD0011 (2.6-3.3 ft)	12:15		3		SILT: as described for 0 to 1.8 ft.
	SD0012 (3.3-5.3 ft)	12:15		4		SILT: as above but with no sand, lower relative moisture content (wet to moist), and no shells. Refusal at 5.3 ft; compacted fine to coarse SAND with trace gravel observed in shoe.
SD0012 (4-5.3 ft)		12:15	Roll 1 Photo 14	5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 28, 2002

Field Scientist: Taryn Sparacio

Total Depth: 7.0 feet

Station Number: SW29

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0043 (0-2 ft)	None	17:40	Roll 3 Photos 1&2	0		SILT: very dark gray (10YR 3/1), wet, vegetative debris observed.
				1		
SD0044 (2-4 ft)		17:40	Roll 3 Photo 3	2		SILTY SAND: Sand is fine and approximately 50%, moist, few shell fragments.
				3		
SD0045 (4-6 ft)		17:40	Roll 3 Photo 4	4		
				5		SAND: fine, wet, abundant shell fragments.
SD0046 (6-7 ft)		17:40		6		SAND: color change to olive brown (2.5Y 4/3), moist. Refusal at 7 ft.
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine | **Date:** August 29, 2002 | **Station Number:** SW30

Contract Number: 8601731.002 0801 | **Field Scientist:** Taryn Sparacio

Location: San Diego, California | **Total Depth:** 8.7 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0055 (0-2 ft)	SD0061 (0-4 ft)	12:55	Roll 3 Photo 11	0		SILT: with trace fine sand, very dark gray (10YR 3/1), wet.
				1		
						SILT: color change to dark yellowish brown (10YR 4/6).
SD0056 (2-4 ft)		12:55	Roll 3 Photo 12	2		
				3		
SD0057 (4-6 ft)	SD0062 (4-6 ft)	12:55	Roll 3 Photo 13	4		SILT: very dark gray (10YR 3/1) wet.
				5		
SD0058 (6-8 ft)	SD0063 (6-8.7 ft)	12:55	Roll 3 Photo 14	6		SANDY SILT: sand is fine, wet, few shell fragments.
				7		
SD0060 (8-8.7 ft)		12:55		8		SANDY SILT: increasing to abundant shells and shell fragments (shell hash) with depth, shell diameter increasing. Refusal at 8.7 ft.
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine
Date: August 27, 2002
Station Number: SW31
Contract Number: 8601731.002 0801
Field Scientist: Taryn Sparacio
Location: San Diego, California
Total Depth: 2.9 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0024 (0-2 ft)	SD0035 (0-1 ft)	12:10	Roll 2 Photo 10	0		SILT: dark gray (2.5Y 4/1), wet, trace shell fragments.
	SD0036 (1-2.9 ft)	12:10		1		SAND: with trace silt (approximately 5-10%), olive brown (2.5Y 4/3), moist. Refusal at 2.9 ft.
SD0034 (2-2.9 ft)		12:10		2		
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 29, 2002

Field Scientist: Taryn Sparacio

Total Depth: 2.8 feet

Station Number: SW32

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0051 (0-2 ft)	None	08:50	Roll 3 Photo 7	0		SILT: olive gray (5Y 4/2), wet, few shell fragments and vegetative fibers.
				1		
				2		SILTY SAND: medium sand, light olive brown (2.5Y 5/3), abundant shells and shell fragments (shell hash). Refusal at 2.8 ft.
SD0059 (2-2.8 ft)		08:50	Roll 3 Photo 8			
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine

Contract Number: 8601731.002 0801

Location: San Diego, California

Date: August 28, 2002

Field Scientist: Taryn Sparacio

Total Depth: 2.5 feet

Station Number: SW33

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0032 (0-2 ft)	None	11:20	Roll 3 Photo 6	0		SILT: grayish brown (10YR 5/2), wet, trace shell fragments.
				1		SAND: medium, same color as above, wet, abundant shell hash. Refusal at 2.5 ft.
SD0047 (2-2.5 ft)		11:20		2		
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Client: Southwest Marine
Date: August 29, 2002
Station Number: SW34
Contract Number: 8601731.002 0801
Field Scientist: Taryn Sparacio
Location: San Diego, California
Total Depth: 2.8 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0052 (0-2 ft), SD0054 (field duplicate)	None	11:00	Roll 3 Photo 9	0		SILT: with trace fine sand (approximately 1%), dark gray (10YR 4/1), wet, trace shell fragments.
				1		SILTY SAND: medium sand, approximately 10% silt, abundant shell fragments (shell hash).
SD0053 (2-2.8 ft)		11:00	Roll 3 Photo 10	2		CLAY: very stiff, olive brown (2.5Y 4/3), dry. Refusal at 2.8 ft.
				3		
				4		
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone
Core Type/Method: Vibracore

Client: Southwest Marine

Date: August 27, 2002

Station Number: SW36

Contract Number: 8601731.002 0801

Field Scientist: Taryn Sparacio

Location: San Diego, California

Total Depth: 4.3 feet

Exponent

Chemical Sample Number	Engineering Properties Sample Number	Time	Photo Roll and Number	Depth (feet)	Symbol	Sediment Description
SD0022 (0-2 ft)	None	09:55	Roll 2 Photo 8	0		SILT: dark gray (2.5Y 4/1), wet, trace shell fragments. Trace fine gravel observed 3.5 to 4 ft.
SD0023 (2-4.3 ft)		09:55	Roll 2 Photo 9	1		
				2		
				3		
				4		SAND: fine and poorly sorted, olive brown (2.5Y 4/3), moist. Refusal at 4.3 ft.
				5		
				6		
				7		
				8		
				9		

Contractor/Operator: MEC Analytical Systems/Tom Matrone

Core Type/Method: Vibracore

Appendix D

Pore Water Chemistry Data

Contents

Table D-1. Metal and butyltin results for porewater samples

Station	Sample Number	Date	Field Split	Metals (μg/L) Arsenic	Cadmium	Chromium	Chromium(VI)	Copper	Lead	Mercury (total)	Nickel	Selenium
Reference												
2231	PW0016W	09/14/2002		3.3 *J*	0.10 *U*			23	2.5	0.047	1.6	5.0 *U*
2231	PW0016S	09/14/2002				3.8	50 *U*					
2243	PW0012W	09/12/2002		9.8 *J*	0.10 *U*			8.4	2.9	0.045	2.6	5.0 *U*
2243	PW0012S	09/12/2002				3.6	50 *U*					
2433	PW0013W	09/13/2002		17 *J*	0.10 *U*			11	3.6	0.042	3.9	5.0 *U*
2433	PW0013S	09/13/2002				4.2	50 *U*					
2440	PW0014W	09/13/2002		14 *J*	0.10 *U*			12	7.4	0.059	3.4	5.0 *U*
2440	PW0014S	09/13/2002				4.3	50 *U*					
2441	PW0011W	09/12/2002		12 *J*	0.10 *U*			9.3	2.8	0.030	2.8	5.0 *U*
2441	PW0011S	09/12/2002				4.2	50 *U*					
NASSCO												
NA01	PW0017W	09/14/2002		19 *J*	0.10 *U*			14	5.2	0.051	2.3	5.2
NA01	PW0017S	09/14/2002				3.2	50 *U*					
NA06	PW0004W	09/08/2002		9.1 *J*	0.10 *U*			33	12	0.190	2.2	5.0 *U*
NA06	PW0004S	09/08/2002				6.6	50 *U*					
NA13	PW0009W	09/11/2002		12 *J*	0.10 *U*			14	6.5	0.067	2.5	5.0 *U*
NA13	PW0009S	09/11/2002				4.5	50 *U*					
NA16	PW0002W	09/08/2002	1	17 *J*	0.10 *U*			22	9.1	0.089	2.7	5.0 *U*
NA16	PW0003W	09/08/2002	2	17 *J*	0.10 *U*			22	8.9	0.075	2.7	5.0 *U*
NA16	PW0002S	09/08/2002	1			6.2	50 *U*					
NA16	PW0003S	09/08/2002	2			6.3	50 *U*					
NA17	PW0001W	09/08/2002		20 *J*	0.10 *U*			23	7.0	0.074	2.9	5.0 *U*
NA17	PW0001S	09/08/2002				6.1	50 *U*					
Southwest Marine												
SW01	PW0018W	09/14/2002		6.1 *J*	0.10 *U*			17	6.6	0.078	3.0	5.0 *U*
SW01	PW0018S	09/14/2002				3.7	50 *U*					
SW02	PW0019W	09/14/2002		11 *J*	4.2			390	120	1.90	37	6.1
SW02	PW0019S	09/14/2002				116	50 *U*					
SW04	PW0006W	09/10/2002		15 *J*	0.10 *U*			55	20	0.150	3.3	5.0 *U*
SW04	PW0006S	09/10/2002				8.1	50 *U*					
SW08	PW0015W	09/13/2002		9.9 *J*	0.10 *U*			33	12	0.130	2.0	5.0 *U*
SW08	PW0015S	09/13/2002				4.8	50 *U*					
SW12	PW0005W	09/10/2002		19 *J*	0.10 *U*			17	7.1	0.068	2.8	5.0 *U*
SW12	PW0005S	09/10/2002				5.1	50 *U*					
SW24	PW0007W	09/10/2002		10 *J*	0.10 *U*			25	9.8	0.130	2.6	5.0 *U*
SW24	PW0007S	09/10/2002				5.8	50 *U*					

Table D-1. (cont.)

Station	Sample Number	Date	Field Split	Metals (μg/L) Arsenic	Cadmium	Chromium	Chromium(VI)	Copper	Lead	Mercury (total)	Nickel	Selenium
SW25	PW0008W	09/10/2002		17 *J*	0.10 *U*			28	13	0.140	2.9	5.0 *U*
SW25	PW0008S	09/10/2002				7.9	50 *U*					
SW28	PW0010W	09/11/2002		9.0 *J*	0.10 *U*			19	7.5	0.060	2.4	5.0 *U*
SW28	PW0010S	09/11/2002				4.8	50 *U*					

Table D-1. (cont.)

Station	Sample Number	Date	Field Split	Metals (cont.) (µg/L) Silver	Zinc	Butyltin Compounds (µg/L) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
Reference									
2231	PW0016W	09/14/2002		0.20 *J*	22	0.025 *U*	0.025 *UJ*	0.010 *UJ*	0.025 *U*
2231	PW0016S	09/14/2002							
2243	PW0012W	09/12/2002		0.20 *J*	23	0.025 *UJ*	0.025 *UJ*	0.010 *UJ*	0.025 *UJ*
2243	PW0012S	09/12/2002							
2433	PW0013W	09/13/2002		0.20 *J*	17	0.025 *U*	0.025 *U*	0.010 *U*	0.025 *U*
2433	PW0013S	09/13/2002							
2440	PW0014W	09/13/2002		0.20 *J*	20	0.025 *U*	0.025 *U*	0.022	0.025 *U*
2440	PW0014S	09/13/2002							
2441	PW0011W	09/12/2002		0.20 *J*	13 *U*	0.025 *U*	0.025 *U*	0.010 *U*	0.025 *U*
2441	PW0011S	09/12/2002							
NASSCO									
NA01	PW0017W	09/14/2002		0.10 *J*	23	0.025 *U*	0.025 *UJ*	0.010 *UJ*	0.025 *U*
NA01	PW0017S	09/14/2002							
NA06	PW0004W	09/08/2002		0.40 *J*	44	0.025 *U*	0.047	0.10	0.025 *U*
NA06	PW0004S	09/08/2002							
NA13	PW0009W	09/11/2002		0.20 *J*	30	0.025 *U*	0.025 *U*	0.022	0.025 *U*
NA13	PW0009S	09/11/2002							
NA16	PW0002W	09/08/2002	1	0.20 *J*	32	0.025 *U*	0.042	0.060	0.025 *U*
NA16	PW0003W	09/08/2002	2	0.30 *J*	33	0.025 *U*	0.038	0.049	0.025 *U*
NA16	PW0002S	09/08/2002	1						
NA16	PW0003S	09/08/2002	2						
NA17	PW0001W	09/08/2002		0.45 *J*	32	0.025 *U*	0.035	0.077	0.025 *U*
NA17	PW0001S	09/08/2002							
Southwest Marine									
SW01	PW0018W	09/14/2002		0.10 *J*	22	0.025 *U*	0.025 *UJ*	0.037 *J*	0.025 *U*
SW01	PW0018S	09/14/2002							
SW02	PW0019W	09/14/2002		2.7 *J*	610	0.025 *U*	0.025 *UJ*	0.059 *J*	0.025 *U*
SW02	PW0019S	09/14/2002							
SW04	PW0006W	09/10/2002		0.40 *J*	60	0.028	0.12	0.55	0.025 *U*
SW04	PW0006S	09/10/2002							
SW08	PW0015W	09/13/2002		0.10 *J*	34	0.039	0.12	0.49	0.025 *U*
SW08	PW0015S	09/13/2002							
SW12	PW0005W	09/10/2002		0.30 *J*	32	0.025 *U*	0.025 *U*	0.022	0.025 *U*
SW12	PW0005S	09/10/2002							
SW24	PW0007W	09/10/2002		0.10 *J*	37	0.025 *U*	0.036	0.074	0.025 *U*
SW24	PW0007S	09/10/2002							

Table D-1. (cont.)

Station	Sample Number	Date	Field Split	Metals (cont.) (µg/L) Silver	Zinc	Butyltin Compounds (µg/L) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
SW25	PW0008W	09/10/2002		0.20 *J*	42	0.025 *U*	0.036	0.063	0.025 *U*
SW25	PW0008S	09/10/2002							
SW28	PW0010W	09/11/2002		0.20 *J*	31	0.025 *U*	0.025 *U*	0.032 *U*	0.025
SW28	PW0010S	09/11/2002							

Note: Sediment for porewater extraction was collected from a depth interval of 0–2 cm.

J - estimated
U - undetected at detection limit shown

Table D-2. Polycyclic aromatic hydrocarbon and total organic carbon results for porewater samples

Station	Sample Number	Date	Field Split	Total Organic Carbon (mg/L)	LPAH									
					Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	C2-Naph-thalenes	C3-Naph-thalenes	C4-Naph-thalenes	Acenaph-thylene	Acenaph-thene	Fluorene	C1-Fluorenes
Reference														
2231	PW0022W	11/6/2002		3.9	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
2243	PW0030W	11/7/2002		6.0	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
2433	PW0021W	11/6/2002		5.0	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
2440	PW0029W	11/7/2002		7.0	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.10	0.035	0.021 *U*
2441	PW0020W	11/6/2002		4.1	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
NASSCO														
NA01	PW0033W	11/7/2002		6.0	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
NA06	PW0034W	11/7/2002		7.0	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
NA13	PW0036W	11/8/2002		6.0	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
NA16	PW0035W	11/7/2002		9.0	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
NA17	PW0037W	11/8/2002		5.0	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
Southwest Marine														
SW01	PW0023W	11/6/2002		9.0	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
SW02	PW0025W	11/6/2002		34	0.22 *U*	0.22 *U*	0.22 *U*	12	10	22	0.44	40	28	13
SW04	PW0024W	11/6/2002	1[d]	6.1										
SW04	PW0026W	11/6/2002	2	6.3	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*
SW08	PW0032W	11/7/2002		7.0	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.034	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
SW24	PW0027W	11/6/2002		4.0	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
SW25	PW0028W	11/6/2002		10	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.027	0.020 *U*	0.020 *U*
SW28	PW0031W	11/7/2002		7.0	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.037	0.020 *U*	0.020 *U*

Table D-2. (cont.)

Station	Sample Number	Date	Field Split	LPAH (cont.) C2-Fluorenes	C3-Fluorenes	Phenanthrene	Anthracene	C1-Phenanthrenes/Anthracenes	C2-Phenanthrenes/Anthracenes	C3-Phenanthrenes/Anthracenes	C4-Phenanthrenes/Anthracenes	Total LPAH[a]	HPAH Fluoranthene	Pyrene
Reference														
2231	PW0022W	11/6/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.077 *U*	0.029	0.022 *U*
2243	PW0030W	11/7/2002		0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.074 *U*	0.021 *U*	0.021 *U*
2433	PW0021W	11/6/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.070 *U*	0.020 *U*	0.020 *U*
2440	PW0029W	11/7/2002		0.021 *U*	0.021 *U*	0.044	0.032	0.035	0.044	0.031	0.021 *U*	0.24	0.24	0.14
2441	PW0020W	11/6/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.077 *U*	0.022 *U*	0.022 *U*
NASSCO														
NA01	PW0033W	11/7/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.070 *U*	0.048	0.068
NA06	PW0034W	11/7/2002		0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.033	0.021	0.021 *U*	0.074 *U*	0.028	0.033
NA13	PW0036W	11/8/2002		0.020 *U*	0.020 *U*	0.039	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.099	0.048	0.052
NA16	PW0035W	11/7/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.077 *U*	0.022 *U*	0.022 *U*
NA17	PW0037W	11/8/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.070 *U*	0.023	0.025
Southwest Marine														
SW01	PW0023W	11/6/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.088	0.037	0.13
SW02	PW0025W	11/6/2002		0.22 *U*	22	35	12	11	22	32	14	120	25	21
SW04	PW0024W	11/6/2002	1[d]											
SW04	PW0026W	11/6/2002	2	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*	0.084 *U*	0.073	0.11
SW08	PW0032W	11/7/2002		0.020 *U*	0.020 *U*	0.031	0.047	0.037	0.063	0.044	0.020 *U*	0.13	0.26	0.27
SW24	PW0027W	11/6/2002		0.021 *U*	0.021 *U*	0.021 *U*	0.025	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.088	0.069	0.18
SW25	PW0028W	11/6/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.023	0.020 *U*	0.087	0.066	0.078
SW28	PW0031W	11/7/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.097	0.044	0.090

Table D-2. (cont.)

Station	Sample Number	Date	Field Split	HPAH (cont.) C1-Fluor-anthenes/ Pyrenes	Benz[a]-anthracene	Chrysene	C1-Benz[a]-anthracenes/ Chrysenes	C2-Benz[a]-anthracenes/ Chrysenes	C3-Benz[a]-anthracenes/ Chrysenes	C4-Benz[a]-anthracenes/ Chrysenes	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene	Perylene
Reference													
2231	PW0022W	11/6/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
2243	PW0030W	11/7/2002		0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
2433	PW0021W	11/6/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
2440	PW0029W	11/7/2002		0.088	0.052	0.051	0.034	0.021 *U*	0.021 *U*	0.021 *U*	0.036	0.021	0.021 *U*
2441	PW0020W	11/6/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
NASSCO													
NA01	PW0033W	11/7/2002		0.045	0.021	0.026	0.032	0.020 *U*	0.020 *U*	0.020 *U*	0.065	0.049	0.020 *U*
NA06	PW0034W	11/7/2002		0.025	0.021 *U*	0.021 *U*	0.025	0.021 *U*	0.021 *U*	0.021 *U*	0.035	0.031	0.021 *U*
NA13	PW0036W	11/8/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
NA16	PW0035W	11/7/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.031	0.022 *U*	0.022 *U*
NA17	PW0037W	11/8/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.038	0.030	0.020 *U*
Southwest Marine													
SW01	PW0023W	11/6/2002		0.087	0.023	0.026	0.082	0.022 *U*	0.022 *U*	0.022 *U*	0.089	0.070	0.022 *U*
SW02	PW0025W	11/6/2002		17	5.9	4.9	9.2	10	5.0	2.0	4.4	3.0	0.73
SW04	PW0024W	11/6/2002	1[d]										
SW04	PW0026W	11/6/2002	2	0.095	0.041	0.064	0.076	0.024 *U*	0.024 *U*	0.024 *U*	0.099	0.062	0.024 *U*
SW08	PW0032W	11/7/2002		0.22	0.069	0.10	0.13	0.020 *U*	0.020 *U*	0.020 *U*	0.13	0.099	0.020 *U*
SW24	PW0027W	11/6/2002		0.18	0.040	0.066	0.17	0.11	0.021 *U*	0.021 *U*	0.27	0.20	0.034
SW25	PW0028W	11/6/2002		0.098	0.032	0.031	0.059	0.033	0.020 *U*	0.020 *U*	0.056	0.052	0.020 *U*
SW28	PW0031W	11/7/2002		0.045	0.020 *U*	0.020 *U*	0.034	0.020 *U*	0.020 *U*	0.020 *U*	0.052	0.029	0.020 *U*

Table D-2. (cont.)

Station	Sample Number	Date	Field Split	HPAH (cont.) Benzo[a]-pyrene	Benzo[e]-pyrene	Indeno-[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Dibenzo-thiophene	C1-Dibenzo-thiophenes	C2-Dibenzo-thiophenes	C3-Dibenzo-thiophenes
Reference														
2231	PW0022W	11/6/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.13	0.21	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
2243	PW0030W	11/7/2002		0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.11 *U*	0.18 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
2433	PW0021W	11/6/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.10 *U*	0.17 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
2440	PW0029W	11/7/2002		0.022	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*	0.59	0.84	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
2441	PW0020W	11/6/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.11 *U*	0.19 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
NASSCO														
NA01	PW0033W	11/7/2002		0.039	0.034	0.020 *U*	0.020 *U*	0.020 *U*	0.35	0.42	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
NA06	PW0034W	11/7/2002		0.023	0.025	0.021 *U*	0.021 *U*	0.021 *U*	0.20	0.28	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
NA13	PW0036W	11/8/2002		0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.18	0.28	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
NA16	PW0035W	11/7/2002		0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*	0.13	0.21	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
NA17	PW0037W	11/8/2002		0.021	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*	0.19	0.26	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
Southwest Marine														
SW01	PW0023W	11/6/2002		0.070	0.069	0.042	0.022 *U*	0.032	0.53	0.62	0.022 *U*	0.022 *U*	0.022 *U*	0.022 *U*
SW02	PW0025W	11/6/2002		4.2	3.3	1.9	0.35	1.4	72	190	4.0	26	18	19
SW04	PW0024W	11/6/2002	1[d]											
SW04	PW0026W	11/6/2002	2	0.067	0.065	0.045	0.024 *U*	0.030	0.60	0.69	0.024 *U*	0.024 *U*	0.024 *U*	0.024 *U*
SW08	PW0032W	11/7/2002		0.090	0.083	0.046	0.020 *U*	0.030	1.1	1.2	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
SW24	PW0027W	11/6/2002		0.25	0.17	0.090	0.021 *U*	0.059	1.2	1.3	0.021 *U*	0.021 *U*	0.021 *U*	0.021 *U*
SW25	PW0028W	11/6/2002		0.043	0.034	0.020 *U*	0.020 *U*	0.020 *U*	0.39	0.48	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*
SW28	PW0031W	11/7/2002		0.033	0.030	0.020 *U*	0.020 *U*	0.020 *U*	0.30	0.40	0.020 *U*	0.020 *U*	0.020 *U*	0.020 *U*

Table D-2. (cont.)

Station	Sample Number	Date	Field Split	Biphenyl	Dibenzofuran
Reference					
2231	PW0022W	11/6/2002		0.022 *U*	0.022 *U*
2243	PW0030W	11/7/2002		0.021 *U*	0.021 *U*
2433	PW0021W	11/6/2002		0.020 *U*	0.020 *U*
2440	PW0029W	11/7/2002		0.021 *U*	0.042
2441	PW0020W	11/6/2002		0.022 *U*	0.022 *U*
NASSCO					
NA01	PW0033W	11/7/2002		0.020 *U*	0.020 *U*
NA06	PW0034W	11/7/2002		0.021 *U*	0.021 *U*
NA13	PW0036W	11/8/2002		0.020 *U*	0.020 *U*
NA16	PW0035W	11/7/2002		0.022 *U*	0.022 *U*
NA17	PW0037W	11/8/2002		0.020 *U*	0.020 *U*
Southwest Marine					
SW01	PW0023W	11/6/2002		0.022 *U*	0.022 *U*
SW02	PW0025W	11/6/2002		0.22 *U*	20
SW04	PW0024W	11/6/2002	1[d]		
SW04	PW0026W	11/6/2002	2	0.024 *U*	0.024 *U*
SW08	PW0032W	11/7/2002		0.020 *U*	0.020 *U*
SW24	PW0027W	11/6/2002		0.021 *U*	0.021 *U*
SW25	PW0028W	11/6/2002		0.020 *U*	0.020 *U*
SW28	PW0031W	11/7/2002		0.020 *U*	0.020 *U*

Note: Sediment for porewater extraction was collected from a depth interval of 0–2 cm.

All data are reported as μg/L, except total organic carbon, which is reported in mg/L.

HPAH - high molecular weight polycyclic aromatic hydrocarbon
LPAH - low molecular weight polycyclic aromatic hydrocarbon
PAH - polycyclic aromatic hydrocarbon
U - undetected

[a] Total LPAH is computed as the sum of the concentrations of naphthalene, 2-methyl-naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, and anthracene. Sums were calculated using one-half the detection limit for those compounds that were not detected.

[b] Total HPAH is computed as the sum of the concentrations of fluoranthene, pyrene, benz[a]-anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno-[1,2,3-cd]pyrene, dibenz[a,h]anthracene, and benzo[ghi]perylene. Sums were calculated using one-half the detection limit for those compounds that were not detected.

[c] Total PAH is computed as the sum of the compounds listed in footnotes a and b. Sums were calculated using one-half the detection limit for those compounds that were not detected.

[d] The sample jar for PAH analysis was broken during shipment to the laboratory. No data are available for PAH in field split 1 from station SW04.

Table D-3. PCB homolog results for porewater samples

Station	Sample Number	Date	Field Split	Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl	Octachloro-biphenyl	Nonachloro-biphenyl	Decachloro-biphenyl	Total[a]
Reference														
2231	PW0016W	09/14/2002		0.81 *U*	0.81 *U*	0.81 *U*	0.81 *U*	4.6	7.6	2.8	0.81 *U*	0.81 *U*	0.81 *U*	18
2243	PW0012W	09/12/2002		0.77 *U*	0.77 *U*	0.77 *U*	0.77 *U*	6.5	9.2	3.4	0.77 *U*	0.77 *U*	0.77 *U*	22
2433	PW0013W	09/13/2002		0.70 *U*	0.70 *U*	0.70 *U*	2.0	14	13	6.7	0.70	0.70 *U*	0.70 *U*	38
2440	PW0014W	09/13/2002		0.79 *U*	0.79 *U*	0.79 *U*	7.6	25	25	12	2.7	0.92	0.84	75
2441	PW0011W	09/12/2002		0.67 *U*	0.67 *U*	0.67 *U*	0.67 *U*	4.6	7.0	2.5	0.67 *U*	0.67 *U*	0.67 *U*	16
NASSCO														
NA01	PW0017W	09/14/2002		0.63 *U*	0.63 *U*	0.63 *U*	4.6	21	26	12	2.5	0.63 *U*	0.63 *U*	68
NA06	PW0004W	09/08/2002		0.71 *U*	0.71 *U*	4.1	40	73	55	20	4.2	1.2	0.85	200
NA13	PW0009W	09/11/2002		0.79 *U*	0.79 *U*	0.79 *U*	1.6	18	21	11	1.6	0.79 *U*	0.79 *U*	56
NA16	PW0002W	09/08/2002	1	0.61 *U*	0.61 *U*	0.61 *U*	9.2	31	35	16	3.7	0.89	0.65	97
NA16	PW0003W	09/08/2002	2	0.53 *U*	0.53 *U*	0.53 *U*	8.5	29	34	14	3.0	0.79	0.82	91
NA17	PW0001W	09/08/2002		0.88 *U*	0.88 *U*	0.88 *U*	13	29	28	10	1.8	0.88 *U*	0.88 *U*	84
Southwest Marine														
SW01	PW0018W	09/14/2002		0.81 *U*	0.81 *U*	26	160	160	100	40	7.2	1.4	0.81 *U*	500
SW02	PW0019W	09/14/2002		0.68 *U*	24	1,300	6,100	4,900	2,400	820	170	27	7.6	16,000
SW04	PW0006W	09/10/2002		0.83 *U*	0.83 *U*	16	130	220	160	59	12	3.5	1.2	600
SW08	PW0015W	09/13/2002		0.95 *U*	0.95 *U*	18	110	180	130	56	12	2.2	1.0	520
SW12	PW0005W	09/10/2002		0.39 *U*	0.39 *U*	0.39 *U*	8	24	29	11	2.4	0.70	0.70	80
SW24	PW0007W	09/10/2002		0.99 *U*	0.99 *U*	1.7	80	140	260	150	29	2.4	0.99	670
SW25	PW0008W	09/10/2002		0.74 *U*	0.74 *U*	0.74 *U*	19	48	66	33	5.8	1.4	1.1	180
SW28	PW0010W	09/11/2002		0.86 *U*	0.86 *U*	5.5	18	57	130	71	10	1.2	0.86 *U*	290

Note: Sediment for porewater extraction was collected from a depth interval of 0–2 cm.
All results are reported as ng/L.

PCB - polychlorinated biphenyl
U - undetected at detection limit shown

[a] Sums were calculated using one-half the detection limit for those compounds that were not detected.

Appendix E

Tissue Chemistry Data

Contents

Table E-1. Lipid, solids, metal, and butyltin results for tissue samples

Station	Sample Number	Date	Field Replicate	Conventional Analytes (percent) Lipid	Total Solids	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury (total)
Lobster (whole body)											
Reference											
2230	BI0090	10/02/2002	1	1.6	33.5	2.9	0.17	0.20 *U*	66	0.26	0.038 *J*
2230	BI0091	10/02/2002	2	2.1	33.4	5.9	0.19	0.20 *U*	62	0.40	0.086 *J*
2230	BI0092	10/02/2002	3	1.4	32.8	2.6	0.12	0.20 *U*	59	0.18	0.041 *J*
2230	BI0093	10/02/2002	4	1.0	29.3	3.7	0.16	0.10 *U*	44	0.16	0.049 *J*
2230	BI0094	10/02/2002	5	1.5	32.9	7.5	0.16	0.20 *U*	59	0.25	0.057 *J*
NASSCO											
NSCO-Lob	BI0058	09/26/2002	1								
NSCO-Lob	BI0059	09/27/2002	2	1.5	34.5	4.7	0.12	0.20 *U*	53	0.16	0.040 *J*
NSCO-Lob	BI0060	09/27/2002	3	1.2	32.0	4.7	0.18	0.20 *U*	67	0.13	0.059 *J*
NSCO-Lob	BI0061	09/27/2002	4	1.0	29.2	3.0	0.14	0.10 *U*	42	0.12	0.047 *J*
NSCO-Lob	BI0062	09/27/2002	5	1.6	30.7	3.4	0.10	0.20 *U*	41	0.082	0.046 *J*
NSCO-Lob	BI0063	09/28/2002	6	1.8	31.2	3.5	0.16	0.20 *U*	48	0.11	0.035 *J*
NSCO-Lob	BI0064	09/28/2002	7	1.3	28.0	4.3	0.16	0.10 *U*	55	0.11	0.050 *J*
Southwest Marine											
SWM-Lob	BI0075	09/29/2002	1	1.4	31.0	4.3	0.11	0.20 *U*	53	0.13	0.038 *J*
SWM-Lob	BI0076	09/29/2002	2	1.3	30.8	4.6	0.14	0.20 *U*	56	0.16	0.039 *J*
SWM-Lob	BI0077	09/29/2002	3	1.0	25.8	3.1	0.17	0.10 *U*	55	0.083	0.044 *J*
SWM-Lob	BI0078	09/29/2002	4	1.5	30.8	5.8	0.23	0.20 *U*	40	0.13	0.039 *J*
SWM-Lob	BI0079	09/29/2002	5	1.5	34.4	6.5	0.11	0.20 *U*	62	0.18	0.047 *J*
Lobster (edible tissue)											
Reference											
2230	BI0085	10/02/2002	1	0.51	23.8	4.0	0.028	0.10 *U*	18	0.013	0.073
2230	BI0086	10/02/2002	2	0.79	22.7	4.4	0.006 *U*	0.10 *U*	12	0.009	0.10
2230	BI0087	10/02/2002	3	0.34	26.2	4.3	0.013	0.10 *U*	18	0.019	0.071
2230	BI0088	10/02/2002	4	0.57	24.7	3.9	0.007	0.10 *U*	19	0.019	0.073
2230	BI0089	10/02/2002	5	0.41	22.5	3.2	0.010	0.10 *U*	16	0.015	0.11
NASSCO											
NSCO-Lob	BI0004	09/08/2002	1	0.59	26.8	12	0.011	0.10 *U*	14	0.029	0.11
NSCO-Lob	BI0005	09/08/2002	2	0.45	25.2	4.1	0.049	0.10 *U*	14	0.014	0.52
NSCO-Lob	BI0009	09/20/2002	3	0.89	26.8	3.5	0.007 *U*	0.10 *U*	14	0.015	0.055
NSCO-Lob	BI0010	09/20/2002	4	0.90	25.7	13	0.050	0.10 *U*	14	0.016	0.32
Southwest Marine											
SWM-Lob	BI0001	08/27/2002	1	0.62	21.4	3.6	0.007	0.10 *U*	16	0.015	0.068
SWM-Lob	BI0002	08/27/2002	2	0.64	24.1	6.6	0.023	0.10 *U*	17	0.029	0.044
SWM-Lob	BI0003	08/27/2002	3	0.92	25.2	3.2	0.009	0.10 *U*	18	0.009	0.065
SWM-Lob	BI0073	09/29/2002	4	0.42	27.5	4.7	0.007 *U*	0.10 *U*	18	0.043	0.11
SWM-Lob	BI0074	09/29/2002	5	0.49	22.8	5.9	0.014	0.10 *U*	14	0.007	0.084

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Conventional Analytes (percent) Lipid	Total Solids	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury (total)
Spotted sand bass (whole body)											
Reference											
2240	BI0048	09/27/2002	1	1.1	26.9	0.40	0.020	0.30 *U*	1.9 *J*	0.090	0.12
2240	BI0049	09/27/2002	2	1.5	25.6	0.40	0.030	0.30 *U*	0.74 *J*	0.038	0.070
2240	BI0050	09/27/2002	3	2.2	31.7	0.50	0.020 *U*	0.30 *U*	0.94 *J*	0.16	0.14
2240	BI0051	09/27/2002	4	1.9	25.3	0.50	0.020	0.30 *U*	0.43 *J*	0.066	0.16
2240	BI0052	09/27/2002	5	2.2	29.3	0.50	0.010 *U*	0.30 *U*	0.68 *J*	0.089	0.10
NASSCO											
NAFI01	BI0028	09/26/2002	1	3.2	25.6	0.40	0.010 *U*	0.30 *U*	0.58 *J*	0.14	0.12
NAFI01	BI0029	09/26/2002	2	1.4	25.9	0.40	0.010 *U*	0.30 *U*	0.80 *J*	0.21	0.15
NAFI01	BI0030	09/26/2002	3	0.90	23.8	0.60	0.020	0.20 *U*	2.1 *J*	0.14	0.18
NAFI01	BI0031	09/26/2002	4	1.8	25.4	0.50	0.010 *U*	0.30 *U*	0.69 *J*	0.26	0.16
NAFI01	BI0032	09/26/2002	5	1.4	24.3	0.50	0.010 *U*	0.20 *U*	0.73 *J*	0.18	0.17
NAFI02	BI0065	09/28/2002	1	0.89	25.1	0.90	0.020	0.30 *U*	2.4	0.46 *J*	0.20
NAFI02	BI0066	09/28/2002	2	1.8	26.3	0.70	0.020	0.70	0.81	0.12 *J*	0.12
NAFI02	BI0067	09/28/2002	3	1.4	31.8	0.70	0.020	0.30 *U*	0.60	0.15 *J*	0.17
NAFI02	BI0068	09/28/2002	4	0.38	25.4	0.60	0.020	0.30 *U*	1.0	0.20 *J*	0.10
NAFI02	BI0080	09/29/2002	5	0.97	25.0	0.70	0.010 *U*	0.20 *U*	1.2	0.17 *J*	0.17
Southwest Marine											
SWFI01	BI0019	09/25/2002	1	4.0	27.0	0.60	0.020	0.30 *U*	1.2 *J*	0.16	0.093
SWFI01	BI0020	09/25/2002	2	0.84	24.4	0.50	0.040	0.20 *U*	0.54 *J*	0.24	0.14
SWFI01	BI0021	09/25/2002	3	2.0	23.4	0.60	0.020	0.20 *U*	0.86 *J*	0.29	0.13
SWFI01	BI0022	09/25/2002	4	2.6	25.2	0.60	0.020	0.40	1.9 *J*	0.34	0.17
SWFI01	BI0023	09/25/2002	5	1.4	22.4	0.50	0.030	0.20 *U*	6.1 *J*	0.17	0.11
SWFI02	BI0038	09/27/2002	1	2.2	23.7	0.80	0.020	0.20 *U*	0.98 *J*	0.093	0.17
SWFI02	BI0039	09/27/2002	2	1.0	24.1	0.50	0.010	0.20 *U*	1.2 *J*	0.15	0.13
SWFI02	BI0040	09/27/2002	3	1.9	26.4	0.60	0.010 *U*	0.30 *U*	0.97 *J*	0.10	0.10
SWFI02	BI0041	09/27/2002	4	2.2	28.5	0.80	0.020	0.30 *U*	3.3 *J*	0.21	0.14
SWFI02	BI0042	09/27/2002	5	1.0	29.2	0.60	0.020	0.30 *U*	2.1 *J*	0.37	0.17
Spotted sand bass (fillet)											
Reference											
2240	BI0043	09/27/2002	1	0.30	20.1	0.40	0.005 *U*	0.10 *U*	0.13	0.004 *U*	0.14
2240	BI0044	09/27/2002	2	0.20	19.9	0.40	0.005 *U*	0.10 *U*	0.12	0.009	0.21
2240	BI0045	09/27/2002	3	0.40	20.5	0.30	0.005 *U*	0.10 *U*	0.12	0.006	0.27
2240	BI0046	09/27/2002	4	0.27	20.0	0.30	0.005 *U*	0.10 *U*	0.12	0.006	0.19
2240	BI0047	09/27/2002	5	0.48	20.8	0.40	0.005 *U*	0.10 *U*	0.18	0.004 *U*	0.15
NASSCO											
NAFI01	BI0013	09/26/2002	1	0.19	19.8	0.40	0.005 *U*	0.10 *U*	0.46	0.016	0.097
NAFI01	BI0024	09/26/2002	2	0.41	19.7	0.30	0.005 *U*	0.10 *U*	0.11	0.022	0.12

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Conventional Analytes (percent) Lipid	Total Solids	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury (total)
NAFI01	BI0025	09/26/2002	3	0.26	16.6	0.30	0.004 *U*	0.10 *U*	0.10	0.004	0.085
NAFI01	BI0026	09/26/2002	4	0.44	21.7	0.40	0.005 *U*	0.10 *U*	0.18	0.018	0.097
NAFI01	BI0027	09/26/2002	5	0.20	19.4	0.40	0.005 *U*	0.10 *U*	0.10	0.006	0.22
NAFI02	BI0053	09/27/2002	1	0.46	20.7	0.40	0.005 *U*	0.10 *U*	0.11	0.004 *U*	0.17
NAFI02	BI0054	09/27/2002	2	0.19	20.1	0.40	0.005 *U*	0.10 *U*	0.14	0.004 *U*	0.14
NAFI02	BI0055	09/27/2002	3	0.11	20.1	0.40	0.005 *U*	0.10 *U*	0.15	0.007	0.16
NAFI02	BI0056	09/27/2002	4	0.39	19.3	0.50	0.005 *U*	0.10 *U*	0.18	0.005	0.15
NAFI02	BI0057	09/28/2002	5	0.28	19.7	0.40	0.005 *U*	0.10 *U*	0.14	0.005	0.12
Southwest Marine											
SWFI01	BI0014	09/25/2002	1	0.38	19.4	0.50	0.005 *U*	0.10 *U*	0.12	0.011	0.18
SWFI01	BI0015	09/25/2002	2	0.26	19.8	0.20	0.005 *U*	0.10 *U*	0.11	0.007	0.22
SWFI01	BI0016	09/25/2002	3	0.18	19.1	0.30	0.005 *U*	0.10 *U*	0.12	0.021	0.17
SWFI01	BI0017	09/25/2002	4	0.17	19.5	0.40	0.005 *U*	0.10 *U*	0.13	0.007	0.13
SWFI01	BI0018	09/25/2002	5	0.9	21.6	0.70	0.005 *U*	0.10 *U*	0.16	0.013	0.19
SWFI02	BI0033	09/27/2002	1	0.15	18.3	0.30	0.005 *U*	0.10 *U*	0.25	0.010	0.19
SWFI02	BI0034	09/27/2002	2	0.37	19.3	0.40	0.005 *U*	0.10 *U*	0.13	0.004 *U*	0.17
SWFI02	BI0035	09/27/2002	3	0.25	18.7	0.50	0.005 *U*	0.10 *U*	0.15	0.004 *U*	0.10
SWFI02	BI0036	09/27/2002	4	0.20	20.3	0.50	0.005 *U*	0.10 *U*	0.13	0.004 *U*	0.19
SWFI02	BI0037	09/27/2002	5	0.27	19.7	0.20	0.005 *U*	0.10 *U*	0.13	0.004 *U*	0.17
Forage Fish (whole body)											
Reference											
2240	BI0071-1	09/28/2002	1	1.6	31.6	0.80	0.020 *U*	0.90	2.5	0.21 *J*	0.016
2240	BI0071-2	09/28/2002	2	1.4	33.8	0.80	0.020 *U*	1.2	2.5	0.22 *J*	0.025
2240	BI0071-3	09/28/2002	3	1.4	32.4	0.70	0.020 *U*	1.6	2.4	0.22 *J*	0.021
NASSCO											
NAFI01	BI0081	09/29/2002		2.0	31.9	0.80	0.020 *U*	0.30 *U*	1.3	0.077 *J*	0.028
NAFI02	BI0070-1	09/28/2002	1	2.2	25.3	0.80	0.010 *U*	0.30 *U*	1.4	0.079 *J*	0.025
NAFI02	BI0070-2	09/28/2002	2	2.0	27.6	0.70	0.010 *U*	0.30 *U*	1.5	0.075 *J*	0.025
NAFI02	BI0070-3	09/29/2002	3	2.1	25.2	0.80	0.010 *U*	0.30 *U*	1.5	0.11 *J*	0.025
NAFI02	BI0070-4	09/29/2002	4	2.0	29.6	0.80	0.010 *U*	0.30 *U*	1.6	0.10 *J*	0.024
Southwest Marine											
SWFI01	BI0083-1	10/01/2002	1	3.1	30.1	1.0	0.020 *U*	0.30 *U*	2.8	0.45 *J*	0.028
SWFI01	BI0083-2	10/01/2002	2	3.2	29.0	0.90	0.010 *U*	0.30 *U*	3.3	0.42 *J*	0.030
SWFI01	BI0083-3	10/01/2002	3	4.1	29.4	1.1	0.010 *U*	0.30 *U*	2.7	0.33 *J*	0.020
SWFI02	BI0069	09/28/2002		2.2	25.4	1.0	0.010 *U*	0.30 *U*	1.8	0.20 *J*	0.028
Mussel (soft tissue)											
Reference											
2240	BI0008	09/16/2002		1.5	17.8	1.7	0.052	0.77	4.4	0.53	0.013

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Conventional Analytes (percent) Lipid	Total Solids	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury (total)
NASSCO											
NA19	BI0006	09/16/2002		1.2	19.7	3.0	0.074	1.2	16	1.3	0.024
NA24	BI0012	09/23/2002		1.5	20.0	3.0	0.062	0.54	9.7	0.91	0.020
Southwest Marine											
SW18	BI0007	09/16/2002		1.3	14.8	2.6	0.066	0.38	7.7	0.64	0.017
SW27	BI0011	09/23/2002		1.7	18.7	2.9	0.061	0.50	8.3	0.81	0.018
Eelgrass											
Reference											
2240-EG	BI0095	10/02/2002		0.1 *U*	16.8	0.40	0.071	0.40	5.4	0.76	0.010 *U*
NASSCO											
NA-EG-1	BI0084	10/02/2002		0.1 *U*	15.5	0.60	0.12	1.5	30	3.0	0.020
Southwest Marine											
SW-EG-1	BI0082	10/01/2002		0.1 *U*	15.5	0.85	0.12	2.8	32	3.8	0.040
***Macoma* tissue for bioaccumulation tests**											
Control											
CONTROL	ControlA	09/19/2001		0.50	16.1	3.0	0.031	0.78	1.5	0.10	0.017
CONTROL	ControlB	09/19/2001		0.44	14.6	3.1	0.045	0.25	1.2 *J*	0.12 *J*	0.015
CONTROL	ControlC	09/19/2001		0.39	14.0	2.7	0.040	0.77	0.99 *J*	0.11 *J*	0.016
CONTROL	ControlD	09/19/2001		0.57	15.4	2.8	0.034	0.35	1.2 *J*	0.090	0.012
CONTROL	ControlE	09/19/2001		0.55	15.1	3.2	0.037	0.19	0.97	0.11	0.013
Reference											
2441	MA0034A	10/06/2001		0.44	12.5	2.7	0.049	0.41	2.3	0.30	0.009
2441	MA0034B	10/06/2001		0.37	12.5	2.6	0.047	0.44	2.4	0.28	0.010
2441	MA0034C	10/06/2001		0.39	12.4	2.6	0.060	0.35	2.7	0.28	0.010
2441	MA0034D	10/06/2001		0.42	12.5	2.7	0.057	0.40	2.7	0.32	0.012
2441	MA0034E	10/06/2001		0.42	13.2	2.7	0.053	0.40	2.7	0.36	0.012
2433	MA0041A	09/19/2001		0.47	15.3	2.8	0.039	0.38	1.5	0.28	0.014
2433	MA0041B	09/19/2001		0.62	15.8	2.8	0.038	0.30	1.5 *J*	0.25	0.013
2433	MA0041C	09/19/2001		0.37	14.5	2.9	0.040	0.36	1.4 *J*	0.23	0.011
2433	MA0041D	09/19/2001		0.59	14.8	2.8	0.032	0.35	1.8	0.26	0.009
2433	MA0041E	09/19/2001		0.44	13.1	2.7	0.034	0.37	1.5 *J*	0.37 *J*	0.011
2440	MA0043A	09/19/2001		0.37	13.3	2.6	0.027	0.48	1.6 *J*	0.50 *J*	0.019
2440	MA0043B	09/19/2001		0.56	15.0	2.5	0.023	0.26	1.2 *J*	1.0	0.018
2440	MA0043C	09/19/2001		0.40	11.2	2.2	0.025	0.19	1.2 *J*	0.38 *J*	0.015
2440	MA0043D	09/19/2001		0.62	14.5	2.5	0.028	0.24	1.3 *J*	0.52	0.019
2440	MA0043E	09/19/2001		0.45	13.6	2.4	0.029	0.27	1.7	0.52	0.014
2231	MA0013A	09/19/2001		0.62	15.2	3.1	0.032	0.32	1.4	0.24	0.022
2231	MA0013B	09/19/2001		0.60	15.8	2.7	0.033	0.17	1.6	0.25	0.023
2231	MA0013C	09/19/2001		0.40	15.3	2.8	0.022	0.21	1.2	0.25	0.020

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Conventional Analytes (percent) Lipid	Total Solids	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury (total)
2231	MA0013D	09/19/2001		0.62	14.5	2.7	0.047	0.08	1.1	0.26	0.019
2231	MA0013E	09/19/2001		0.49	16.5	3.4	0.031	0.31	1.6	0.30	0.027
2243	MA0049A	09/19/2001		0.26	13.8	2.3	0.025	0.31	1.3	0.33	0.018
2243	MA0049B	09/19/2001		0.44	15.1	3.2	0.028	0.26	1.9 *J*	0.23	0.017
2243	MA0049C	09/19/2001		0.50	14.3	3.1	0.028	0.30	2.0 *J*	0.29 *J*	0.018
2243	MA0049D	09/19/2001		0.43	16.7	3.0	0.029	0.29	1.3 *J*	0.26	0.018
2243	MA0049E	09/19/2001		0.54	15.8	3.8	0.040	0.39	2.3	0.40	0.014
NASSCO											
NA06	MA0020A	09/19/2001		0.52	14.7	3.0	0.032	0.33	2.3 *J*	0.64 *J*	0.016
NA06	MA0020B	09/19/2001		0.43	15.1	2.6	0.033	0.34	2.2 *J*	0.82	0.014
NA06	MA0020C	09/19/2001		0.29	12.8	2.7	0.056	0.29	2.3 *J*	0.50 *J*	0.016
NA06	MA0020D	09/19/2001		0.71	15.9	3.0	0.037	0.38	2.4	0.53	0.026
NA06	MA0020E	09/19/2001		0.62	16.7	3.3	0.051	0.25	2.3	0.58	0.018
NA11	MA0021A	09/19/2001		0.61	15.5	3.2	0.036	0.26	1.6 *J*	0.37	0.012
NA11	MA0021B	09/19/2001		0.53	14.8	2.6	0.028	0.23	1.8 *J*	0.28	0.014
NA11	MA0021C	09/19/2001		0.28	13.1	2.8	0.025	0.18	1.6 *J*	0.30 *J*	0.017
NA11	MA0021D	09/19/2001		0.48	15.5	3.7	0.052	0.34	2.6 *J*	0.53 *J*	0.018
NA11	MA0021E	09/19/2001		0.61	14.7	2.6	0.054	0.36	1.9	0.49	0.016
NA12	MA0027A	09/19/2001		0.51	14.0	2.8	0.020	0.20	1.7 *J*	0.30 *J*	0.020
NA12	MA0027B	09/19/2001		0.42	13.2	2.6	0.036	0.26	2.0 *J*	0.31 *J*	0.015
NA12	MA0027C	09/19/2001		0.45	15.2	2.6	0.031	0.26	1.5 *J*	0.30	0.013
NA12	MA0027D	09/19/2001		0.51	14.7	2.9	0.035	0.32	1.7 *J*	0.37 *J*	0.014
NA12	MA0027E	09/19/2001		0.58	14.2	2.6	0.028	0.19	2.4	0.38	0.014
NA20	MA0028A	09/19/2001		0.53	16.2	3.0	0.029	0.25	1.7	0.41	0.017
NA20	MA0028B	09/19/2001		0.49	13.6	2.2	0.023	0.27	1.6	0.38	0.017
NA20	MA0028CE	09/19/2001		0.46	15.8	3.2	0.035	0.37	2.0	0.55	0.021
NA20	MA0028D	09/19/2001		0.42	14.7	2.5	0.029	0.30	1.4 *J*	0.37	0.017
Southwest Marine											
SW04	MA0012A	09/19/2001		0.56	14.6	3.8	0.043	0.76	8.1 *J*	1.9 *J*	0.023
SW04	MA0012B	09/19/2001		0.59	14.2	3.8	0.055	0.49	5.0 *J*	1.7 *J*	0.021
SW04	MA0012C	09/19/2001		0.67	15.2	3.1	0.037	0.53	4.0 *J*	1.3	0.019
SW04	MA0012D	09/19/2001		0.61	15.3	3.6	0.031	0.18	2.6 *J*	0.70	0.016
SW04	MA0012E	09/19/2001		0.66	14.9	3.6	0.027	0.42	4.6	1.1	0.019
SW08	MA0016A	09/19/2001		0.42	14.8	2.6	0.022	0.33	3.2	0.80	0.026
SW08	MA0016B	09/19/2001		0.45	12.0	2.8	0.029	0.35	3.2 *J*	1.4 *J*	0.016
SW08	MA0016C	09/19/2001		0.47	14.8	2.8	0.035	0.53	2.6 *J*	0.60	0.018
SW08	MA0016D	09/19/2001		0.47	15.7	3.0	0.037	0.30	3.2 *J*	0.66	0.017
SW08	MA0016E	09/19/2001		0.49	13.8	2.6	0.030	0.31	4.3	0.75	0.017
SW13	MA0022A	09/19/2001		0.41	12.0	2.5	0.032	0.26	2.5 *J*	0.35 *J*	0.013

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Conventional Analytes (percent) Lipid	Total Solids	Metals (mg/kg) Arsenic	Cadmium	Chromium	Copper	Lead	Mercury (total)
SW13	MA0022B	09/19/2001		0.50	15.8	3.6	0.045	0.31	5.6 *J*	0.40 *J*	0.014
SW13	MA0022C	09/19/2001		0.62	16.3	3.1	0.031	0.30	3.2	0.43	0.018
SW13	MA0022D	09/19/2001		0.38	14.0	2.1	0.025	0.41	4.2 *J*	0.35	0.013
SW13	MA0022E	09/19/2001		0.53	15.1	2.9	0.027	0.29	2.9 *J*	0.33	0.016
SW21	MA0019A	09/19/2001		0.36	15.7	3.1	0.033	0.32	2.4 *J*	0.46	0.016
SW21	MA0019B	09/19/2001		0.52	14.6	3.1	0.037	0.32	2.0	0.53	0.017
SW21	MA0019C	09/19/2001		0.62	16.4	3.7	0.053	0.35	2.4	0.69	0.017
SW21	MA0019D	09/19/2001		0.53	14.8	2.9	0.042	0.34	2.2	0.58	0.017
SW21	MA0019E	09/19/2001		0.47	12.8	2.6	0.038	0.60	3.1 *J*	0.90 *J*	0.012
SW28	MA0029A	09/19/2001		0.50	15.7	2.8	0.036	0.20	1.8 *J*	0.35	0.019
SW28	MA0029B	09/19/2001		0.42	14.3	2.7	0.028	0.18	1.6	0.39	0.017
SW28	MA0029C	09/19/2001		0.63	15.5	3.3	0.036	0.25	2.2 *J*	0.45 *J*	0.020
SW28	MA0029D	09/19/2001		0.52	16.3	3.5	0.053	0.30	2.7	0.51	0.015
SW28	MA0029E	09/19/2001		0.54	15.5	3.1	0.034	0.27	2.2	0.45	0.016

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Metals (cont.) (mg/kg) Nickel	Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
Lobster (whole body)											
Reference											
2230	BI0090	10/02/2002	1	0.11	0.40	0.20	33 *J*	1.6	3.0	28	0.97 *U*
2230	BI0091	10/02/2002	2	0.070 *U*	0.30 *U*	0.21	34 *J*	1.1	1.3	8.5	0.96 *U*
2230	BI0092	10/02/2002	3	0.070 *U*	0.30 *U*	0.19	25 *J*	1.7	2.6	8.2	0.96 *U*
2230	BI0093	10/02/2002	4	0.11	0.30	0.13	27 *J*	2.4	3.7	24	0.94 *U*
2230	BI0094	10/02/2002	5	0.070 *U*	0.30	0.18	32 *J*	1.1	1.5	7.7	1.0 *U*
NASSCO											
NSCO-Lob	BI0058	09/26/2002	1								
NSCO-Lob	BI0059	09/27/2002	2	0.11	0.40	0.095	26 *J*	2.4	3.2	15	0.97 *U*
NSCO-Lob	BI0060	09/27/2002	3	0.10	0.40	0.26	27 *J*	1.8	2.5	4.4	0.96 *U*
NSCO-Lob	BI0061	09/27/2002	4	0.070	0.30	0.073	21 *J*	3.7	4.7	27	0.99 *U*
NSCO-Lob	BI0062	09/27/2002	5	0.060 *U*	0.30 *U*	0.061	25 *J*	2.4	2.6	23	1.0 *U*
NSCO-Lob	BI0063	09/28/2002	6	0.060 *U*	0.30	0.047	24 *J*	2.3	3.2	22	0.94 *U*
NSCO-Lob	BI0064	09/28/2002	7	0.080	0.40	0.12	26 *J*	2.8	4.3	19	0.94 *U*
Southwest Marine											
SWM-Lob	BI0075	09/29/2002	1	0.060 *U*	0.30 *U*	0.16	28 *J*	3.1	3.8	22	0.98 *U*
SWM-Lob	BI0076	09/29/2002	2	0.090	0.30	0.099	28 *J*	3.0	3.4	19	0.99 *U*
SWM-Lob	BI0077	09/29/2002	3	0.050 *U*	0.30 *U*	0.093	27 *J*	1.3	2.2	19	0.97 *U*
SWM-Lob	BI0078	09/29/2002	4	0.060 *U*	0.30 *U*	0.092	24 *J*	4.0	4.0	20	1.0 *U*
SWM-Lob	BI0079	09/29/2002	5	0.070 *U*	0.30 *U*	0.12	27 *J*	3.3	4.7	27	0.99 *U*
Lobster (edible tissue)											
Reference											
2230	BI0085	10/02/2002	1	0.050 *U*	0.30	0.043	25	0.98 *U*	1.2	11	0.98 *U*
2230	BI0086	10/02/2002	2	0.050 *U*	0.20 *U*	0.005 *U*	23	0.97 *U*	0.98	4.5	0.97 *U*
2230	BI0087	10/02/2002	3	0.050 *U*	0.30	0.031	23	0.98 *U*	0.98 *U*	0.98 *U*	0.98 *U*
2230	BI0088	10/02/2002	4	0.050 *U*	0.40	0.027	24	0.99 *U*	1.1	9.4	0.99 *U*
2230	BI0089	10/02/2002	5	0.055	0.25	0.014	24	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*
NASSCO											
NSCO-Lob	BI0004	09/08/2002	1	0.050 *U*	0.30	0.005 *U*	23	0.99 *U*	1.1	6.7	0.99 *U*
NSCO-Lob	BI0005	09/08/2002	2	0.050 *U*	0.30	0.005 *U*	32	0.99 *U*	0.99 *U*	2.6	0.99 *U*
NSCO-Lob	BI0009	09/20/2002	3	0.050 *U*	0.30	0.005 *U*	26	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
NSCO-Lob	BI0010	09/20/2002	4	0.050 *U*	0.30	0.005 *U*	23	0.99 *U*	1.1	9.6	0.99 *U*
Southwest Marine											
SWM-Lob	BI0001	08/27/2002	1	0.040 *U*	0.30	0.007	22	0.99 *U*	1.0	6.1	0.99 *U*
SWM-Lob	BI0002	08/27/2002	2	0.050 *U*	0.30	0.010	21	1.0 *U*	1.0 *U*	1.8	1.0 *U*
SWM-Lob	BI0003	08/27/2002	3	0.050 *U*	0.30	0.021	24	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*
SWM-Lob	BI0073	09/29/2002	4	0.050 *U*	0.30	0.006	24	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
SWM-Lob	BI0074	09/29/2002	5	0.050 *U*	0.30	0.005 *U*	22	0.98 *U*	1.2	7.1	0.98 *U*

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Metals (cont.) (mg/kg) Nickel	Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
Spotted sand bass (whole body)											
Reference											
2240	BI0048	09/27/2002	1	0.24	0.30 *U*	0.007	16	3.1	12	22	0.97 *U*
2240	BI0049	09/27/2002	2	0.21	0.30 *U*	0.008	14	1.0 *U*	4.8	8.8	1.0 *U*
2240	BI0050	09/27/2002	3	0.29	0.30 *U*	0.010	17	0.96 *U*	3.4	9.6	0.96 *U*
2240	BI0051	09/27/2002	4	0.22	0.30 *U*	0.005 *U*	14	0.99 *U*	3.6	6.0	0.99 *U*
2240	BI0052	09/27/2002	5	0.27	0.30 *U*	0.006 *U*	13	1.0 *U*	3.6	9.7	1.0 *U*
NASSCO											
NAFI01	BI0028	09/26/2002	1	0.20	0.30	0.005 *U*	12	0.96 *U*	1.0	5.3	0.96 *U*
NAFI01	BI0029	09/26/2002	2	0.19	0.40	0.005 *U*	10	1.6	7.3	11	0.99 *U*
NAFI01	BI0030	09/26/2002	3	0.25	0.40	0.020	16	1.5	4.5	11	0.97 *U*
NAFI01	BI0031	09/26/2002	4	0.29	0.60	0.005 *U*	13	6.1	23	37	0.99 *U*
NAFI01	BI0032	09/26/2002	5	0.30	0.50	0.005 *U*	15	7.0	13	39	0.98 *U*
NAFI02	BI0065	09/28/2002	1	0.33	0.30	0.024	15	7.0	14	34	0.98 *U*
NAFI02	BI0066	09/28/2002	2	0.44	0.50	0.008	14	0.99 *U*	4.1	55	0.99 *U*
NAFI02	BI0067	09/28/2002	3	0.20	0.40	0.022	14	9.3	3.2	32	0.95 *U*
NAFI02	BI0068	09/28/2002	4	0.32	0.30	0.017	22	5.1	17	54	1.0 *U*
NAFI02	BI0080	09/29/2002	5	0.20	0.60	0.011	15	14	4.4	37	0.94 *U*
Southwest Marine											
SWFI01	BI0019	09/25/2002	1	0.34	1.0	0.005 *U*	15	0.97 *U*	2.8	8.6	0.97 *U*
SWFI01	BI0020	09/25/2002	2	0.20	0.70	0.005 *U*	13	7.3	19	63	0.95 *U*
SWFI01	BI0021	09/25/2002	3	0.23	0.50	0.006	11	0.99 *U*	13	33	0.99 *U*
SWFI01	BI0022	09/25/2002	4	0.33	0.50	0.011	16	2.0	4.3	16	0.96 *U*
SWFI01	BI0023	09/25/2002	5	0.27	0.40	0.019	18	3.7	19	34	0.96 *U*
SWFI02	BI0038	09/27/2002	1	0.33	0.30	0.010	13	2.9	6.7	24	0.97 *U*
SWFI02	BI0039	09/27/2002	2	0.21	0.20 *U*	0.011	11	4.4	9.1	21	0.97 *U*
SWFI02	BI0040	09/27/2002	3	0.16	0.30	0.011	12	2.1	12	48	0.96 *U*
SWFI02	BI0041	09/27/2002	4	0.21	0.30	0.041	13	1.6	8.8	35	0.99 *U*
SWFI02	BI0042	09/27/2002	5	0.35	0.30 *U*	0.019	15	4.9	16	40	0.96 *U*
Spotted sand bass (fillet)											
Reference											
2240	BI0043	09/27/2002	1	0.040 *U*	0.30	0.004 *U*	4.0	0.94 *U*	2.4	3.7	0.94 *U*
2240	BI0044	09/27/2002	2	0.040 *U*	0.35	0.004 *U*	4.8	0.94 *U*	1.7	1.5	0.94 *U*
2240	BI0045	09/27/2002	3	0.040 *U*	0.40	0.004 *U*	3.7	0.93 *U*	1.4	1.1	0.93 *U*
2240	BI0046	09/27/2002	4	0.040 *U*	0.20	0.004 *U*	4.4	0.97 *U*	1.7	1.0	0.97 *U*
2240	BI0047	09/27/2002	5	0.040 *U*	0.50	0.004 *U*	5.3	0.97 *U*	1.6	1.3	0.97 *U*
NASSCO											
NAFI01	BI0013	09/26/2002	1	0.040 *U*	0.30	0.004 *U*	4.6	0.98 *U*	7.1	4.4	0.98 *U*
NAFI01	BI0024	09/26/2002	2	0.040 *U*	0.40	0.004 *U*	3.7	0.96 *U*	3.4	3.0	0.96 *U*

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Metals (cont.) (mg/kg) Nickel	Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
NAFI01	BI0025	09/26/2002	3	0.030 *U*	0.20	0.003 *U*	2.8	0.99 *U*	8.9	7.9	0.99 *U*
NAFI01	BI0026	09/26/2002	4	0.040 *U*	0.50	0.004 *U*	4.9	0.97 *U*	5.4	6.2	0.97 *U*
NAFI01	BI0027	09/26/2002	5	0.040 *U*	0.30	0.004 *U*	4.4	0.94 *U*	6.1	8.2	0.94 *U*
NAFI02	BI0053	09/27/2002	1	0.040 *U*	0.30	0.004 *U*	3.6	1.0 *U*	2.4	1.9	1.0 *U*
NAFI02	BI0054	09/27/2002	2	0.040 *U*	0.50	0.004 *U*	3.5	0.96 *U*	4.5	4.8	0.96 *U*
NAFI02	BI0055	09/27/2002	3	0.040 *U*	0.40	0.004 *U*	3.5	0.97 *U*	2.7	3.2	0.97 *U*
NAFI02	BI0056	09/27/2002	4	0.040 *U*	0.50	0.004 *U*	3.5	0.95 *U*	2.0	2.4	0.95 *U*
NAFI02	BI0057	09/28/2002	5	0.040 *U*	0.40	0.004 *U*	3.8	0.94 *U*	3.2	4.5	0.94 *U*
Southwest Marine											
SWFI01	BI0014	09/25/2002	1	0.040 *U*	0.40	0.004 *U*	3.4	1.3 *U*	4.7	5.6	1.3 *U*
SWFI01	BI0015	09/25/2002	2	0.040 *U*	0.50	0.004 *U*	3.8	2.1	2.0	10	0.99 *U*
SWFI01	BI0016	09/25/2002	3	0.040 *U*	0.30	0.004 *U*	4.8	1.0 *U*	3.9	6.7	1.0 *U*
SWFI01	BI0017	09/25/2002	4	0.040 *U*	0.40	0.004 *U*	3.3	0.98 *U*	4.9	5.4	0.98 *U*
SWFI01	BI0018	09/25/2002	5	0.040 *U*	0.40	0.004 *U*	3.7	1.1	17	23	0.99 *U*
SWFI02	BI0033	09/27/2002	1	0.040 *U*	0.40	0.004 *U*	3.8	0.94 *U*	0.94 *U*	0.94 *U*	0.94 *U*
SWFI02	BI0034	09/27/2002	2	0.040 *U*	0.40	0.004 *U*	2.8	1.0 *U*	2.7	5.1	1.0 *U*
SWFI02	BI0035	09/27/2002	3	0.040 *U*	0.50	0.004 *U*	3.8	0.92 *U*	3.0	4.7	0.92 *U*
SWFI02	BI0036	09/27/2002	4	0.040 *U*	0.40	0.004 *U*	3.4	0.96 *U*	2.9	4.2	0.96 *U*
SWFI02	BI0037	09/27/2002	5	0.040 *U*	0.50	0.004 *U*	3.1	0.93 *U*	2.0	3.5	0.93 *U*
Forage Fish (whole body)											
Reference											
2240	BI0071-1	09/28/2002	1	0.56	0.40	0.021	37	1.3	2.2	13	0.98 *U*
2240	BI0071-2	09/28/2002	2	0.69	0.30	0.020	38	1.2	1.8	9.3	0.97 *U*
2240	BI0071-3	09/28/2002	3	0.80	0.30 *U*	0.021	40	1.0	1.8	9.2	0.99 *U*
NASSCO											
NAFI01	BI0081	09/29/2002		0.18	0.30 *U*	0.006 *U*	45	1.7	3.3	9.0	1.0 *U*
NAFI02	BI0070-1	09/28/2002	1	0.14	0.30 *U*	0.005 *U*	48	1.9	3.5	13	1.0 *U*
NAFI02	BI0070-2	09/28/2002	2	0.11	0.30 *U*	0.006 *U*	44	2.2	3.8	14	0.97 *U*
NAFI02	BI0070-3	09/29/2002	3	0.21	0.30 *U*	0.005 *U*	47	3.6	1.0 *U*	8.2	1.0 *U*
NAFI02	BI0070-4	09/29/2002	4	0.16	0.30 *U*	0.006 *U*	49	2.2	2.3	8.8	0.97 *U*
Southwest Marine											
SWFI01	BI0083-1	10/01/2002	1	0.29	0.30 *U*	0.010	39	0.98 *U*	1.7	23	0.98 *U*
SWFI01	BI0083-2	10/01/2002	2	0.24	0.30 *U*	0.011	42	0.99 *U*	1.0	22	0.99 *U*
SWFI01	BI0083-3	10/01/2002	3	0.22	0.30 *U*	0.010	44	0.96 *U*	0.96 *U*	13	0.96 *U*
SWFI02	BI0069	09/28/2002		0.17	0.30 *U*	0.006	38	2.3	7.5	31	1.0 *U*
Mussel (soft tissue)											
Reference											
2240	BI0008	09/16/2002		0.61	0.65	0.084	13	2.3	13	26	0.97 *U*

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Metals (cont.) (mg/kg) Nickel	Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
NASSCO											
NA19	BI0006	09/16/2002		1.9	0.60	0.12	20	11	33	94	0.98 *U*
NA24	BI0012	09/23/2002		1.1	0.70	0.086	16	5.9	20	75	0.99 *U*
Southwest Marine											
SW18	BI0007	09/16/2002		0.59	0.60	0.082	16	6.4	25	82	1.0 *U*
SW27	BI0011	09/23/2002		0.69	0.70	0.082	18	6.3	26	94	1.0 *U*
Eelgrass											
Reference											
2240-EG	BI0095	10/02/2002		0.47	0.20 *UJ*	0.13 *J*	29	2.3	1.1 *U*	1.1 *U*	1.1 *U*
NASSCO											
NA-EG-1	BI0084	10/02/2002		0.60	0.20 *UJ*	0.25 *J*	54	4.4	2.1	0.98 *U*	0.98 *U*
Southwest Marine											
SW-EG-1	BI0082	10/01/2002		1.0	0.20 *UJ*	0.23 *J*	55	8.9	4.0	3.1	0.99 *U*
***Macoma* tissue for bioaccumulation tests**											
Control											
CONTROL	ControlA	09/19/2001		0.40	0.2	0.027	16	0.99 *U*	2.3	0.99 *U*	0.99 *U*
CONTROL	ControlB	09/19/2001		0.43	0.4	0.033	18	1.0 *U*	1.6	1.0 *U*	1.0 *U*
CONTROL	ControlC	09/19/2001		0.75	0.3	0.036	15	1.0 *U*	1.8	1.0 *U*	1.0 *U*
CONTROL	ControlD	09/19/2001		0.38	0.3 *U*	0.027	14	1.0 *U*	2.9	1.4 *J*	1.0 *U*
CONTROL	ControlE	09/19/2001		0.35	0.2	0.041	17	0.99 *U*	0.99 *U*	0.99 *U*	0.99 *U*
Reference											
2441	MA0034A	10/06/2001		0.48	0.2	0.060	15	1.0 *U*	1.3	2.2 *J*	1.0 *U*
2441	MA0034B	10/06/2001		0.58	0.1 *U*	0.058	14	1.0 *U*	1.6	1.5	1.0 *U*
2441	MA0034C	10/06/2001		0.44	0.1	0.067	17	3.3 *U*	3.3 *U*	3.3 *U*	3.3 *U*
2441	MA0034D	10/06/2001		0.50	0.2	0.072	15	1.1 *U*	1.1 *U*	1.5	1.1 *U*
2441	MA0034E	10/06/2001		0.47	0.1	0.065	20	1.0 *U*	1.2	2.5	1.0 *U*
2433	MA0041A	09/19/2001		0.44	0.2	0.042	16	0.99 *U*	2.4	2.4	0.99 *U*
2433	MA0041B	09/19/2001		0.44	0.2	0.037	15	0.99 *U*	2.8	3.7	0.99 *U*
2433	MA0041C	09/19/2001		0.42	0.2	0.041	17	1.0 *U*	2.5	3.7	1.0 *U*
2433	MA0041D	09/19/2001		0.37	0.2	0.051	13	1.0 *U*	2.7	3.6	1.0 *U*
2433	MA0041E	09/19/2001		0.45	0.3	0.043	14	3.7 *U*	3.7 *U*	4.8	3.7 *U*
2440	MA0043A	09/19/2001		0.45	0.4	0.037	14	1.0 *U*	4.6	14	1.0 *U*
2440	MA0043B	09/19/2001		0.33	0.2	0.020	13	1.0 *U*	2.5	10	1.0 *U*
2440	MA0043C	09/19/2001		0.30	0.3	0.025	13	1.0 *U*	3.6	14	1.0 *U*
2440	MA0043D	09/19/2001		0.38	0.2	0.017	17	0.98 *U*	2.5	9.6	0.98 *U*
2440	MA0043E	09/19/2001		0.38	0.2	0.066	17	1.0 *U*	2.7	12	1.0 *U*
2231	MA0013A	09/19/2001		0.31	0.3	0.022	15	0.99 *U*	1.6 *J*	3.5	0.99 *U*
2231	MA0013B	09/19/2001		0.29	0.2	0.023	18	1.0 *U*	2.8	4.4	1.0 *U*
2231	MA0013C	09/19/2001		0.37	0.2	0.021	14	0.99 *U*	1.8	2.6	0.99 *U*

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Metals (cont.) (mg/kg) Nickel	Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
2231	MA0013D	09/19/2001		0.28	0.2	0.016	20	1.0 *U*	2.2	3.1	1.0 *U*
2231	MA0013E	09/19/2001		0.33	0.3	0.034	17	1.0 *U*	2.5	4.5	1.0 *U*
2243	MA0049A	09/19/2001		0.32	0.2	0.038	15	1.0 *U*	2.1	2.9	1.0 *U*
2243	MA0049B	09/19/2001		0.33	0.2	0.035	17	0.99 *U*	2.2	1.8	0.99 *U*
2243	MA0049C	09/19/2001		0.43	0.4	0.033	15	1.0 *U*	2.9	4.6 *J*	1.0 *U*
2243	MA0049D	09/19/2001		0.32	0.2	0.023	18	1.0 *U*	2.8	3.6	1.0 *U*
2243	MA0049E	09/19/2001		0.44	0.2	0.065	18	0.99 *U*	0.99 *U*	1.3	0.99 *U*
NASSCO											
NA06	MA0020A	09/19/2001		0.38	0.4	0.038	17	1.0 *U*	5.5	16	1.0 *U*
NA06	MA0020B	09/19/2001		0.37	0.2	0.052	18	1.0 *U*	7.0	32	1.0 *U*
NA06	MA0020C	09/19/2001		0.34	0.3	0.053	21	1.0 *U*	6.9	31	1.0 *U*
NA06	MA0020D	09/19/2001		0.47	0.3	0.030	18	1.0 *U*	8.2	38	1.0 *U*
NA06	MA0020E	09/19/2001		0.37	0.3	0.026	24	1.0 *U*	7.5	41	1.0 *U*
NA11	MA0021A	09/19/2001		0.39	0.3	0.051	15	1.0 *U*	5.7	15	1.0 *U*
NA11	MA0021B	09/19/2001		0.27	0.2	0.041	16	1.0 *U*	4.4	11	1.0 *U*
NA11	MA0021C	09/19/2001		0.28	0.3	0.042	14	1.0 *U*	3.9	12	1.0 *U*
NA11	MA0021D	09/19/2001		0.39	0.4	0.072	20	1.0 *U*	6.3	19	1.0 *U*
NA11	MA0021E	09/19/2001		0.36	0.2	0.037	18	0.99 *U*	3.6	12	0.99 *U*
NA12	MA0027A	09/19/2001		0.32	0.4	0.020	12	0.99 *U*	5.2	18	0.99 *U*
NA12	MA0027B	09/19/2001		0.36	0.3	0.031	17	0.99 *U*	4.9	15	0.99 *U*
NA12	MA0027C	09/19/2001		0.30	0.2	0.027	17	0.99 *U*	4.5	13	0.99 *U*
NA12	MA0027D	09/19/2001		0.37	0.4	0.031	17	0.99 *U*	5.7	19	0.99 *U*
NA12	MA0027E	09/19/2001		0.29	0.2	0.050	18	1.0 *U*	2.1 *J*	8.8	1.0 *U*
NA20	MA0028A	09/19/2001		0.42	0.3	0.022	19	0.99 *U*	5.8	22	0.99 *U*
NA20	MA0028B	09/19/2001		0.34	0.2	0.019	15	1.0 *U*	6.3	26	1.0 *U*
NA20	MA0028CE	09/19/2001		0.50	0.2	0.022	18	1.0 *U*	7.0	27	1.0 *U*
NA20	MA0028D	09/19/2001		0.38	0.2	0.022	16	1.0 *U*	4.3	16	1.0 *U*
Southwest Marine											
SW04	MA0012A	09/19/2001		0.48	0.3	0.058	46	10 *U*	63	330	10 *U*
SW04	MA0012B	09/19/2001		0.63	0.2	0.029	31	10 *U*	120	740	10 *U*
SW04	MA0012C	09/19/2001		0.35	0.2	0.034	27	10 *U*	74	420	10 *U*
SW04	MA0012D	09/19/2001		0.37	0.2	0.028	19	10 *U*	32	150	10 *U*
SW04	MA0012E	09/19/2001		0.38	0.3	0.024	21	1.0 *U*	3.7	15	1.0 *U*
SW08	MA0016A	09/19/2001		0.29	0.2	0.016	15	10 *U*	24	120	10 *U*
SW08	MA0016B	09/19/2001		0.29	0.2 *U*	0.034	14	5.0 *U*	35	210	5.0 *U*
SW08	MA0016C	09/19/2001		0.43	0.3	0.020	17	10 *U*	23	110	10 *U*
SW08	MA0016D	09/19/2001		0.37	0.2	0.041	19	9.9 *U*	30	180	9.9 *U*
SW08	MA0016E	09/19/2001		0.30	0.2	0.067	14	9.9 *U*	23	120	9.9 *U*
SW13	MA0022A	09/19/2001		0.35	0.2	0.043	17	5.0 *U*	15	120	5.0 *U*

Table E-1. (cont.)

Station	Sample Number	Date	Field Replicate	Metals (cont.) (mg/kg) Nickel	Selenium	Silver	Zinc	Butyltin Compounds (μg/kg) Monobutyltin	Dibutyltin	Tributyltin	Tetrabutyltin
SW13	MA0022B	09/19/2001		0.44	0.5	0.077	24	2.0 *U*	20	140	2.0 *U*
SW13	MA0022C	09/19/2001		0.41	0.3	0.028	25	2.0 *U*	22	150	2.0 *U*
SW13	MA0022D	09/19/2001		0.34	0.2	0.027	16	9.9 *U*	15	93	9.9 *U*
SW13	MA0022E	09/19/2001		0.34	0.2	0.038	14	9.9 *U*	17	120	9.9 *U*
SW21	MA0019A	09/19/2001		0.36	0.2	0.053	18	1.0 *U*	4.0	13	1.0 *U*
SW21	MA0019B	09/19/2001		0.31	0.2	0.039	18	1.0 *U*	4.2	14	1.0 *U*
SW21	MA0019C	09/19/2001		0.41	0.3	0.061	24	0.99 *U*	3.7	16	0.99 *U*
SW21	MA0019D	09/19/2001		0.36	0.3	0.050	18	1.0 *U*	3.7	15	1.0 *U*
SW21	MA0019E	09/19/2001		0.37	0.4	0.054	19	1.0 *U*	6.5	24	1.0 *U*
SW28	MA0029A	09/19/2001		0.40	0.2	0.028	18	1.0 *U*	5.2	15	1.0 *U*
SW28	MA0029B	09/19/2001		0.32	0.3 *U*	0.020	15	1.0 *U*	4.2	10	1.0 *U*
SW28	MA0029C	09/19/2001		0.38	0.4	0.038	22	1.0 *U*	5.9	16	1.0 *U*
SW28	MA0029D	09/19/2001		0.48	0.3	0.052	25	1.0 *U*	3.8	11	1.0 *U*
SW28	MA0029E	09/19/2001		0.35	0.2	0.039	17	1.0 *U*	5.2	13	1.0 *U*

Note: All results are reported on a wet weight basis.

J - estimated
U - undetected at quantitation limit shown

Table E-2. PAH results for tissue samples

Station	Sample Number	Date	Field Replicate	LPAH									
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne	1-Methyl phenanthrene
Lobster (whole body)													
Reference													
2230	BI0090	10/02/2002	1	10 *U*	10 *U*	10 *U*	15	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2230	BI0091	10/02/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2230	BI0092	10/02/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	14	10 *U*
2230	BI0093	10/02/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2230	BI0094	10/02/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NSCO-Lob	BI0059	09/27/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0060	09/27/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0061	09/27/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0062	09/27/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0063	09/28/2002	6	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0064	09/28/2002	7	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine													
SWM-Lob	BI0075	09/29/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	16	54	10 *U*
SWM-Lob	BI0076	09/29/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	23	10 *U*
SWM-Lob	BI0077	09/29/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWM-Lob	BI0078	09/29/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	23	10 *U*
SWM-Lob	BI0079	09/29/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10	16	10 *U*
Lobster (edible tissue)													
Reference													
2230	BI0085	10/02/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2230	BI0086	10/02/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2230	BI0087	10/02/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2230	BI0088	10/02/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2230	BI0089	10/02/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NSCO-Lob	BI0004	09/08/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0005	09/08/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0009	09/20/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NSCO-Lob	BI0010	09/20/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine													
SWM-Lob	BI0001	08/27/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWM-Lob	BI0002	08/27/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWM-Lob	BI0003	08/27/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWM-Lob	BI0073	09/29/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWM-Lob	BI0074	09/29/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Spotted sand bass (whole body)													
Reference													
2240	BI0048	09/27/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0049	09/27/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0050	09/27/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0051	09/27/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0052	09/27/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NAFI01	BI0028	09/26/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH									
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne	1-Methyl phenanthrene
NAFI01	BI0029	09/26/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI01	BI0030	09/26/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI01	BI0031	09/26/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI01	BI0032	09/26/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0065	09/28/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0066	09/28/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0067	09/28/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0068	09/28/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0080	09/29/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine													
SWFI01	BI0019	09/25/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0020	09/25/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0021	09/25/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0022	09/25/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0023	09/25/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0038	09/27/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0039	09/27/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0040	09/27/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0041	09/27/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0042	09/27/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Spotted sand bass (fillet)													
Reference													
2240	BI0043	09/27/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0044	09/27/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0045	09/27/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0046	09/27/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0047	09/27/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NAFI01	BI0013	09/26/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI01	BI0024	09/26/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI01	BI0025	09/26/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI01	BI0026	09/26/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI01	BI0027	09/26/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0053	09/27/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0054	09/27/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0055	09/27/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0056	09/27/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0057	09/28/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine													
SWFI01	BI0014	09/25/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0015	09/25/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0016	09/25/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0017	09/25/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI01	BI0018	09/25/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0033	09/27/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0034	09/27/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0035	09/27/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH									
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne	1-Methyl phenanthrene
SWFI02	BI0036	09/27/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SWFI02	BI0037	09/27/2002	5	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Forage Fish (whole body)													
Reference													
2240	BI0071-1	09/28/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0071-2	09/28/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2240	BI0071-3	09/28/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NAFI01	BI0081	09/29/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0070-1	09/28/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0070-2	09/28/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0070-3	09/29/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NAFI02	BI0070-4	09/29/2002	4	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine													
SWFI01	BI0083-1	10/01/2002	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	15	10 *U*	10 *U*	10 *U*
SWFI01	BI0083-2	10/01/2002	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	16	10 *U*	10 *U*	10 *U*
SWFI01	BI0083-3	10/01/2002	3	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	17	10 *U*	10 *U*	10 *U*
SWFI02	BI0069	09/28/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Mussel (soft tissue)													
Reference													
2240	BI0008	09/16/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NA19	BI0006	09/16/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA24	BI0012	09/23/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	19	10 *U*
Southwest Marine													
SW18	BI0007	09/16/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	35	10 *U*
SW27	BI0011	09/23/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	58	10 *U*
Eelgrass													
Reference													
2240-EG	BI0095	10/02/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NA-EG-1	BI0084	10/02/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine													
SW-EG-1	BI0082	10/01/2002		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	17	10 *U*
***Macoma* tissue for bioaccumulation tests**													
Control													
CONTROL	ControlA	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
CONTROL	ControlB	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
CONTROL	ControlC	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
CONTROL	ControlD	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
CONTROL	ControlE	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Reference													
2441	MA0034A	10/06/2001		8	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	10	5.0 *U*	21	5.0 *U*
2441	MA0034B	10/06/2001		5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	5.0 *UJ*
2441	MA0034C	10/06/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
2441	MA0034D	10/06/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
2441	MA0034E	10/06/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	6.0	5.0 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH									
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne	1-Methyl phenanthrene
2433	MA0041A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2433	MA0041B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2433	MA0041C	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2433	MA0041D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2433	MA0041E	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
2440	MA0043A	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	7.8	5.0 *U*
2440	MA0043B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2440	MA0043C	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	6.7	5.0 *U*
2440	MA0043D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	12	10 *U*
2440	MA0043E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10	10 *U*
2231	MA0013A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2231	MA0013B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2231	MA0013C	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2231	MA0013D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2231	MA0013E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2243	MA0049A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2243	MA0049B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2243	MA0049C	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
2243	MA0049D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2243	MA0049E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO													
NA06	MA0020A	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
NA06	MA0020B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA06	MA0020C	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
NA06	MA0020D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA06	MA0020E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA11	MA0021A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA11	MA0021B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA11	MA0021C	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
NA11	MA0021D	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
NA11	MA0021E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA12	MA0027A	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
NA12	MA0027B	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
NA12	MA0027C	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA12	MA0027D	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
NA12	MA0027E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA20	MA0028A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NA20	MA0028B	09/19/2001		12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*
NA20	MA0028CE	09/19/2001		9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*
NA20	MA0028D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Southwest Marine													
SW04	MA0012A	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	6.2	5.0 *U*	5.0 *U*	5.2	5.0 *U*
SW04	MA0012B	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	6.2	5.0 *U*	5.0 *U*	6.6	5.0 *U*
SW04	MA0012C	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW04	MA0012D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW04	MA0012E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20	10 *U*
SW08	MA0016A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH									
				Naph-thalene	1-Methyl-naphthalene	2-Methyl-naphthalene	2,6-Dimethyl-naphthalene	2,3,5-Trimethyl-naphthalene	Acenaph-thylene	Acenaph-thene	Fluorene	Phenan-threne	1-Methyl phenanthrene
SW08	MA0016B	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	6.8	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
SW08	MA0016C	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW08	MA0016D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW08	MA0016E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW13	MA0022A	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0	5.0 *U*	5.0 *U*	13	5.0 *U*
SW13	MA0022B	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.6	5.0 *U*	5.0 *U*	11	5.0 *U*
SW13	MA0022C	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW13	MA0022D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	12	10 *U*
SW13	MA0022E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	13	10 *U*
SW21	MA0019A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW21	MA0019B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10	10 *U*	10 *U*	10 *U*	10 *U*
SW21	MA0019C	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	13	10 *U*
SW21	MA0019D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW21	MA0019E	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
SW28	MA0029A	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW28	MA0029B	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW28	MA0029C	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.4	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
SW28	MA0029D	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
SW28	MA0029E	09/19/2001		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH (cont.) Anthracene	LPAH (cont.) Total LPAH[a]	HPAH Fluoranthene	HPAH Pyrene	HPAH Benz[a]-anthracene	HPAH Chrysene	HPAH Benzo[b]-fluoranthene	HPAH Benzo[k]-fluoranthene	HPAH Perylene	HPAH Benzo[a]-pyrene	HPAH Benzo[e]-pyrene
Lobster (whole body)														
Reference														
2230	BI0090	10/02/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0091	10/02/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0092	10/02/2002	3	10 *U*	44	11	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0093	10/02/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0094	10/02/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NASSCO														
NSCO-Lob	BI0059	09/27/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0060	09/27/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0061	09/27/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0062	09/27/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0063	09/28/2002	6	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0064	09/28/2002	7	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Southwest Marine														
SWM-Lob	BI0075	09/29/2002	1	18	110	12	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0076	09/29/2002	2	10 *U*	53	13	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0077	09/29/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0078	09/29/2002	4	11	59	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0079	09/29/2002	5	10 *U*	51	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Lobster (edible tissue)														
Reference														
2230	BI0085	10/02/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0086	10/02/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0087	10/02/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0088	10/02/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2230	BI0089	10/02/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NASSCO														
NSCO-Lob	BI0004	09/08/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0005	09/08/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0009	09/20/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NSCO-Lob	BI0010	09/20/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Southwest Marine														
SWM-Lob	BI0001	08/27/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0002	08/27/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0003	08/27/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0073	09/29/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWM-Lob	BI0074	09/29/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Spotted sand bass (whole body)														
Reference														
2240	BI0048	09/27/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0049	09/27/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0050	09/27/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0051	09/27/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0052	09/27/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NASSCO														
NAFI01	BI0028	09/26/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH (cont.) Anthracene	Total LPAH[a]	HPAH Fluoranthene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene	Perylene	Benzo[a]-pyrene	Benzo[e]-pyrene
NAFI01	BI0029	09/26/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI01	BI0030	09/26/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI01	BI0031	09/26/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI01	BI0032	09/26/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0065	09/28/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0066	09/28/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0067	09/28/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0068	09/28/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0080	09/29/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Southwest Marine														
SWFI01	BI0019	09/25/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0020	09/25/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0021	09/25/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0022	09/25/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0023	09/25/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0038	09/27/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0039	09/27/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0040	09/27/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0041	09/27/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0042	09/27/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Spotted sand bass (fillet)														
Reference														
2240	BI0043	09/27/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0044	09/27/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0045	09/27/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0046	09/27/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0047	09/27/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NASSCO														
NAFI01	BI0013	09/26/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI01	BI0024	09/26/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI01	BI0025	09/26/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI01	BI0026	09/26/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI01	BI0027	09/26/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0053	09/27/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0054	09/27/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0055	09/27/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0056	09/27/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0057	09/28/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Southwest Marine														
SWFI01	BI0014	09/25/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0015	09/25/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0016	09/25/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0017	09/25/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0018	09/25/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0033	09/27/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0034	09/27/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0035	09/27/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH (cont.) Anthracene	Total LPAH[a]	HPAH Fluoranthene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene	Perylene	Benzo[a]-pyrene	Benzo[e]-pyrene
SWFI02	BI0036	09/27/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0037	09/27/2002	5	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Forage Fish (whole body)														
Reference														
2240	BI0071-1	09/28/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0071-2	09/28/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
2240	BI0071-3	09/28/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NASSCO														
NAFI01	BI0081	09/29/2002		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0070-1	09/28/2002	1	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0070-2	09/28/2002	2	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0070-3	09/29/2002	3	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NAFI02	BI0070-4	09/29/2002	4	10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Southwest Marine														
SWFI01	BI0083-1	10/01/2002	1	10 *U*	45	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0083-2	10/01/2002	2	10 *U*	46	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI01	BI0083-3	10/01/2002	3	10 *U*	47	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
SWFI02	BI0069	09/28/2002		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
Mussel (soft tissue)														
Reference														
2240	BI0008	09/16/2002		10 *U*	35 *U*	30	11	10 *U*	10 *U*	20	13		10 *U*	17
NASSCO														
NA19	BI0006	09/16/2002		10 *U*	35 *U*	46	23	11	19	43	28		20	38
NA24	BI0012	09/23/2002		10 *U*	49	110	54	27	39	71	44		32	61
Southwest Marine														
SW18	BI0007	09/16/2002		10 *U*	65	170	100	54	62	100	70		50	82
SW27	BI0011	09/23/2002		31	110	240	140	72	79	110	75		58	89
Eelgrass														
Reference														
2240-EG	BI0095	10/02/2002		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*		10 *U*	10 *U*
NASSCO														
NA-EG-1	BI0084	10/02/2002		10 *U*	35 *U*	27	13	10 *U*	10	15	11		10 *U*	11
Southwest Marine														
SW-EG-1	BI0082	10/01/2002		22	64	55	31	23	47	59	42		36	38
***Macoma* tissue for bioaccumulation tests**														
Control														
CONTROL	ControlA	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
CONTROL	ControlB	09/19/2001		5.0 *U*	18 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
CONTROL	ControlC	09/19/2001		5.0 *U*	18 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
CONTROL	ControlD	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
CONTROL	ControlE	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
Reference														
2441	MA0034A	10/06/2001		16	62	110 *J*	180	17	35	17	22	5.0 *U*	12	10
2441	MA0034B	10/06/2001		5.0 *UJ*	18 *UJ*	7.0 *J*	7.0 *J*	5.0 *J*	5.0 *J*	5.0 *J*	5.3 *J*	5.0 *UJ*	5.0 *J*	5.0 *J*
2441	MA0034C	10/06/2001		5.0 *U*	18 *U*	22 *J*	140	5.9	8.4	7.9	8.3	39	44	70
2441	MA0034D	10/06/2001		5.0 *U*	18 *U*	20 *J*	20	5.8	7.5	8.7	11	5.0 *U*	6.6	6.3
2441	MA0034E	10/06/2001		5.4	24	28 *J*	24	8	10	9	12	5.0 *U*	6.8	6.7

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH (cont.) Anthracene	Total LPAH[a]	HPAH Fluoranthene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene	Perylene	Benzo[a]-pyrene	Benzo[e]-pyrene
2433	MA0041A	09/19/2001		10 *U*	35 *U*	11	11	10 *U*	10 *U*	11	19	10 *U*	10 *U*	10 *U*
2433	MA0041B	09/19/2001		10 *U*	35 *U*	12	13	10 *U*	10 *U*	12	18	10 *U*	10 *U*	10 *U*
2433	MA0041C	09/19/2001		10 *U*	35 *U*	11	11	10 *U*	10 *U*	12	16	10 *U*	10 *U*	10 *U*
2433	MA0041D	09/19/2001		10 *U*	35 *U*	11	10 *U*	10 *U*	10 *U*	22	10 *U*	10 *U*	10 *U*	10 *U*
2433	MA0041E	09/19/2001		5.0 *U*	18 *U*	9.5	8.8	5.0 *U*	6.2	12	12	5.0 *U*	6.0	7.0
2440	MA0043A	09/19/2001		17	37	170	210	51	60	43	46	6.8	27	29
2440	MA0043B	09/19/2001		13	43	160	200	49	59	44	50	10 *U*	27	29
2440	MA0043C	09/19/2001		11	30	130	160	43	47	33	34	5.6	21	23
2440	MA0043D	09/19/2001		18	55	180	210	58	66	47	61	10 *U*	34	33
2440	MA0043E	09/19/2001		16	51	180	190	53	61	70	28	10 *U*	34	29
2231	MA0013A	09/19/2001		10 *U*	35 *U*	11	10 *U*	10 *U*	10	11	16	10 *U*	10 *U*	10
2231	MA0013B	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	17	10 *U*	10 *U*	10 *U*
2231	MA0013C	09/19/2001		10 *U*	35 *U*	12	11	10 *U*	11	10	14	10 *U*	10 *U*	10 *U*
2231	MA0013D	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10	10 *U*	15	10 *U*	10 *U*	10 *U*
2231	MA0013E	09/19/2001		10 *U*	35 *U*	10	10 *U*	10 *U*	10 *U*	10 *U*	17	10 *U*	10 *U*	10
2243	MA0049A	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10	10 *U*	10 *U*	10 *U*
2243	MA0049B	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2243	MA0049C	09/19/2001		5.0 *U*	18 *U*	9.2	5.9	5.0 *U*	5.0 *U*	9.5	8.3	5.0 *U*	5.0 *U*	6.8
2243	MA0049D	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
2243	MA0049E	09/19/2001		10 *U*	35 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
NASSCO														
NA06	MA0020A	09/19/2001		6.0	21	26	32	10	21	48	48	5.3	27	38
NA06	MA0020B	09/19/2001		10 *U*	35 *U*	26	37	11	23	44	51	10 *U*	26	35
NA06	MA0020C	09/19/2001		5.0 *U*	18 *U*	16	20	6.1	16	37	39	5.0 *U*	20	31
NA06	MA0020D	09/19/2001		10 *U*	35 *U*	29	40	11	27	57	65	10 *U*	30	50
NA06	MA0020E	09/19/2001		10 *U*	35 *U*	29	37	13	28	60	68	10 *U*	32	51
NA11	MA0021A	09/19/2001		10 *U*	35 *U*	16	16	10 *U*	16	37	40	10 *U*	23	30
NA11	MA0021B	09/19/2001		10 *U*	35 *U*	19	19	10 *U*	18	42	46	10 *U*	26	35
NA11	MA0021C	09/19/2001		5.0 *U*	18 *U*	16	15	6.8	14	33	32	5.0 *U*	19	25
NA11	MA0021D	09/19/2001		5.4	20	20	20	9.7	19	43	45	5.0 *U*	27	33
NA11	MA0021E	09/19/2001		10 *U*	35 *U*	20	20	10 *U*	19	31	46	10 *U*	20	29
NA12	MA0027A	09/19/2001		6.5	22	35	32	13	27	34	36	5.0	19	28
NA12	MA0027B	09/19/2001		5.6	21	32	28	12	24	34	31	5.0 *U*	19	26
NA12	MA0027C	09/19/2001		10 *U*	35 *U*	28	27	13	25	34	40	10 *U*	21	30
NA12	MA0027D	09/19/2001		7.1	22	33	33	14	28	39	42	5.0 *U*	23	31
NA12	MA0027E	09/19/2001		10 *U*	35 *U*	34	31	15	27	31	46	10 *U*	18	27
NA20	MA0028A	09/19/2001		10 *U*	35 *U*	59	150	23	38	93	32	10 *U*	46	43
NA20	MA0028B	09/19/2001		12 *U*	42 *U*	27	73	12 *U*	20	46	16	12 *U*	23	22
NA20	MA0028CE	09/19/2001		10	40	50	130	20	35	67	45	10	43	45
NA20	MA0028D	09/19/2001		10 *U*	35 *U*	43	120	19	31	52	60	10 *U*	35	40
Southwest Marine														
SW04	MA0012A	09/19/2001		35	56	240	380	92	170	280	190	35	170	190
SW04	MA0012B	09/19/2001		32	55	210	340	95	170	270	170	34	170	180
SW04	MA0012C	09/19/2001		30	60	230	400	84	160	230	200	32	150	170
SW04	MA0012D	09/19/2001		30	60	210	360	81	160	230	210	42	180	180
SW04	MA0012E	09/19/2001		44	89	300	470	120	220	330	270	42	200	240
SW08	MA0016A	09/19/2001		16	46	190	200	73	150	350	110	33	170	180

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	LPAH (cont.) Anthracene	Total LPAH[a]	HPAH Fluoranthene	Pyrene	Benz[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[k]-fluoranthene	Perylene	Benzo[a]-pyrene	Benzo[e]-pyrene
SW08	MA0016B	09/19/2001		21	40	170	190	66	140	230	150	26	140	160
SW08	MA0016C	09/19/2001		23	53	210	230	78	170	240	240	38	180	190
SW08	MA0016D	09/19/2001		18	48	230	280	87	180	300	260	35	190	220
SW08	MA0016E	09/19/2001		16	46	180	190	67	140	300	93	29	150	160
SW13	MA0022A	09/19/2001		17	45	140	170	39	64	120	82	16	79	73
SW13	MA0022B	09/19/2001		21	48	200	260	61	94	180	140	25	120	110
SW13	MA0022C	09/19/2001		18	48	180	220	52	93	150	160	23	100	110
SW13	MA0022D	09/19/2001		14	51	150	190	48	83	140	130	21	100	98
SW13	MA0022E	09/19/2001		15	53	180	240	58	100	180	180	26	130	120
SW21	MA0019A	09/19/2001		17	47	69	240	44	89	230	220	35	180	170
SW21	MA0019B	09/19/2001		25	60	61	230	44	84	220	190	33	150	160
SW21	MA0019C	09/19/2001		20	58	71	250	38	71	180	160	28	120	140
SW21	MA0019D	09/19/2001		19	49	63	230	40	75	190	180	30	130	150
SW21	MA0019E	09/19/2001		12	27	45	160	29	56	150	100	23	110	100
SW28	MA0029A	09/19/2001		13	43	93	250	35	72	180	190	24	140	130
SW28	MA0029B	09/19/2001		13	43	98	220	36	71	230	91	24	130	110
SW28	MA0029C	09/19/2001		16	34	100	260	41	76	180	140	23	130	120
SW28	MA0029D	09/19/2001		21	51	140	380	49	96	220	210	29	140	160
SW28	MA0029E	09/19/2001		11	41	90	230	36	70	250	87	26	140	120

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	HPAH (cont.) Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
Lobster (whole body)										
Reference										
2230	BI0090	10/02/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	130
2230	BI0091	10/02/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	35
2230	BI0092	10/02/2002	3	10 *U*	10 *U*	10 *U*	56	100	10 *U*	10
2230	BI0093	10/02/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2230	BI0094	10/02/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NASSCO										
NSCO-Lob	BI0059	09/27/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	33
NSCO-Lob	BI0060	09/27/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	53
NSCO-Lob	BI0061	09/27/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	15
NSCO-Lob	BI0062	09/27/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NSCO-Lob	BI0063	09/28/2002	6	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NSCO-Lob	BI0064	09/28/2002	7	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Southwest Marine										
SWM-Lob	BI0075	09/29/2002	1	10 *U*	10 *U*	10 *U*	57	170	10 *U*	98
SWM-Lob	BI0076	09/29/2002	2	10 *U*	10 *U*	10 *U*	58	110	10 *U*	46
SWM-Lob	BI0077	09/29/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	17
SWM-Lob	BI0078	09/29/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	110	10 *U*	67
SWM-Lob	BI0079	09/29/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	100	10 *U*	48
Lobster (edible tissue)										
Reference										
2230	BI0085	10/02/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2230	BI0086	10/02/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2230	BI0087	10/02/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2230	BI0088	10/02/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2230	BI0089	10/02/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NASSCO										
NSCO-Lob	BI0004	09/08/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NSCO-Lob	BI0005	09/08/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NSCO-Lob	BI0009	09/20/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NSCO-Lob	BI0010	09/20/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	13
Southwest Marine										
SWM-Lob	BI0001	08/27/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWM-Lob	BI0002	08/27/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	14
SWM-Lob	BI0003	08/27/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWM-Lob	BI0073	09/29/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	15
SWM-Lob	BI0074	09/29/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Spotted sand bass (whole body)										
Reference										
2240	BI0048	09/27/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0049	09/27/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0050	09/27/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0051	09/27/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0052	09/27/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NASSCO										
NAFI01	BI0028	09/26/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	HPAH (cont.) Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
NAFI01	BI0029	09/26/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI01	BI0030	09/26/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI01	BI0031	09/26/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI01	BI0032	09/26/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0065	09/28/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0066	09/28/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0067	09/28/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0068	09/28/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0080	09/29/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Southwest Marine										
SWFI01	BI0019	09/25/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0020	09/25/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0021	09/25/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0022	09/25/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0023	09/25/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0038	09/27/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0039	09/27/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0040	09/27/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0041	09/27/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0042	09/27/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Spotted sand bass (fillet)										
Reference										
2240	BI0043	09/27/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0044	09/27/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0045	09/27/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0046	09/27/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0047	09/27/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NASSCO										
NAFI01	BI0013	09/26/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI01	BI0024	09/26/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI01	BI0025	09/26/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI01	BI0026	09/26/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI01	BI0027	09/26/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0053	09/27/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0054	09/27/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0055	09/27/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0056	09/27/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0057	09/28/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Southwest Marine										
SWFI01	BI0014	09/25/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0015	09/25/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0016	09/25/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0017	09/25/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI01	BI0018	09/25/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0033	09/27/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0034	09/27/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0035	09/27/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	HPAH (cont.) Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
SWFI02	BI0036	09/27/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
SWFI02	BI0037	09/27/2002	5	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Forage Fish (whole body)										
Reference										
2240	BI0071-1	09/28/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0071-2	09/28/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
2240	BI0071-3	09/28/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NASSCO										
NAFI01	BI0081	09/29/2002		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0070-1	09/28/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0070-2	09/28/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0070-3	09/29/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NAFI02	BI0070-4	09/29/2002	4	10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Southwest Marine										
SWFI01	BI0083-1	10/01/2002	1	10 *U*	10 *U*	10 *U*	50 *U*	95	10 *U*	10 *U*
SWFI01	BI0083-2	10/01/2002	2	10 *U*	10 *U*	10 *U*	50 *U*	96	10 *U*	10 *U*
SWFI01	BI0083-3	10/01/2002	3	10 *U*	10 *U*	10 *U*	50 *U*	97	10 *U*	10 *U*
SWFI02	BI0069	09/28/2002		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
Mussel (soft tissue)										
Reference										
2240	BI0008	09/16/2002		10 *U*	10 *U*	10 *U*	100	140	10 *U*	10 *U*
NASSCO										
NA19	BI0006	09/16/2002		11	10 *U*	13	220	250	10 *U*	10 *U*
NA24	BI0012	09/23/2002		12	10 *U*	14	410	460	10 *U*	10 *U*
Southwest Marine										
SW18	BI0007	09/16/2002		14	10 *U*	17	640	710	10 *U*	10 *U*
SW27	BI0011	09/23/2002		17	10 *U*	19	820	930	10 *U*	10 *U*
Eelgrass										
Reference										
2240-EG	BI0095	10/02/2002		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	10 *U*
NASSCO										
NA-EG-1	BI0084	10/02/2002		10 *U*	10 *U*	10 *U*	100	140	10 *U*	10 *U*
Southwest Marine										
SW-EG-1	BI0082	10/01/2002		27	10 *U*	24	350	410	10 *U*	10 *U*
***Macoma* tissue for bioaccumulation tests**										
Control										
CONTROL	ControlA	09/19/2001		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	
CONTROL	ControlB	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	25 *U*	43 *U*	5.0 *U*	
CONTROL	ControlC	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	25 *U*	43 *U*	5.0 *U*	
CONTROL	ControlD	09/19/2001		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	
CONTROL	ControlE	09/19/2001		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	
Reference										
2441	MA0034A	10/06/2001		7	5.0 *U*	5.0 *U*	410 *J*	470 *J*	5.0 *U*	
2441	MA0034B	10/06/2001		5.0 *UJ*	5.0 *UJ*	5.0 *UJ*	47 *J*	64 *J*	5.0 *UJ*	
2441	MA0034C	10/06/2001		7.6	5.0 *U*	26	270 *J*	290 *J*	5.0 *U*	
2441	MA0034D	10/06/2001		5.0 *U*	5.0 *U*	5.0 *U*	87 *J*	100 *J*	5.0 *U*	
2441	MA0034E	10/06/2001		5.0 *U*	5.0 *U*	10	110 *J*	130 *J*	5.0 *U*	

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	HPAH (cont.) Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
2433	MA0041A	09/19/2001		10 *U*	10 *U*	10 *U*	82	120	10 *U*	
2433	MA0041B	09/19/2001		10 *U*	10 *U*	10 *U*	85	120	10 *U*	
2433	MA0041C	09/19/2001		10 *U*	10 *U*	10 *U*	80	120	10 *U*	
2433	MA0041D	09/19/2001		10 *U*	10 *U*	10 *U*	73	110	10 *U*	
2433	MA0041E	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	65	82	5.0 *U*	
2440	MA0043A	09/19/2001		7.9	5.0 *U*	6.7	620	660	5.0 *U*	
2440	MA0043B	09/19/2001		10 *U*	10 *U*	10 *U*	600	650	10 *U*	
2440	MA0043C	09/19/2001		5.8	5.0 *U*	5.4	480	510	5.0 *U*	
2440	MA0043D	09/19/2001		10 *U*	10 *U*	14	680	740	10 *U*	
2440	MA0043E	09/19/2001		10 *U*	10 *U*	10 *U*	630	680	10 *U*	
2231	MA0013A	09/19/2001		10 *U*	10 *U*	10 *U*	78	110	10 *U*	
2231	MA0013B	09/19/2001		10 *U*	10 *U*	10 *U*	62	97	10 *U*	
2231	MA0013C	09/19/2001		10 *U*	10 *U*	10 *U*	83	120	10 *U*	
2231	MA0013D	09/19/2001		10 *U*	10 *U*	10 *U*	65	100	10 *U*	
2231	MA0013E	09/19/2001		10 *U*	10 *U*	10 *U*	67	100	10 *U*	
2243	MA0049A	09/19/2001		10 *U*	10 *U*	10 *U*	55	90	10 *U*	
2243	MA0049B	09/19/2001		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	
2243	MA0049C	09/19/2001		5.0 *U*	5.0 *U*	5.0 *U*	48	65	5.0 *U*	
2243	MA0049D	09/19/2001		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	
2243	MA0049E	09/19/2001		10 *U*	10 *U*	10 *U*	50 *U*	85 *U*	10 *U*	
NASSCO										
NA06	MA0020A	09/19/2001		10	5.0 *U*	7.8	230	250	5.0 *U*	
NA06	MA0020B	09/19/2001		10 *U*	10 *U*	10 *U*	230	270	10 *U*	
NA06	MA0020C	09/19/2001		7.2	5.0 *U*	6.3	170	190	5.0 *U*	
NA06	MA0020D	09/19/2001		11	10 *U*	11	290	320	10 *U*	
NA06	MA0020E	09/19/2001		12	10 *U*	10 *U*	290	320	10 *U*	
NA11	MA0021A	09/19/2001		10 *U*	10 *U*	10 *U*	170	200	10 *U*	
NA11	MA0021B	09/19/2001		10 *U*	10 *U*	10 *U*	190	230	10 *U*	
NA11	MA0021C	09/19/2001		7.4	5.0 *U*	6.2	150	170	5.0 *U*	
NA11	MA0021D	09/19/2001		11	5.0 *U*	8.9	210	230	5.0 *U*	
NA11	MA0021E	09/19/2001		10 *U*	10 *U*	10 *U*	180	210	10 *U*	
NA12	MA0027A	09/19/2001		8.0	5.0 *U*	7.5	210	240	5.0 *U*	
NA12	MA0027B	09/19/2001		7.5	5.0 *U*	6.8	200	220	5.0 *U*	
NA12	MA0027C	09/19/2001		10 *U*	10 *U*	10 *U*	200	240	10 *U*	
NA12	MA0027D	09/19/2001		8.3	5.0 *U*	7.0	230	250	5.0 *U*	
NA12	MA0027E	09/19/2001		10 *U*	10 *U*	10 *U*	220	250	10 *U*	
NA20	MA0028A	09/19/2001		10 *U*	10 *U*	11	460	500	10 *U*	
NA20	MA0028B	09/19/2001		12 *U*	12 *U*	12 *U*	230	270	12 *U*	
NA20	MA0028CE	09/19/2001		9.9 *U*	9.9 *U*	11	410	450	9.9 *U*	
NA20	MA0028D	09/19/2001		10 *U*	10 *U*	10 *U*	380	410	10 *U*	
Southwest Marine										
SW04	MA0012A	09/19/2001		39	5.0 *U*	28	1,600	1,600	5.0 *U*	
SW04	MA0012B	09/19/2001		41	5.6	29	1,500	1,600	5.0 *U*	
SW04	MA0012C	09/19/2001		31	10 *U*	26	1,500	1,600	10 *U*	
SW04	MA0012D	09/19/2001		27	10 *U*	22	1,500	1,500	10 *U*	
SW04	MA0012E	09/19/2001		44	10 *U*	35	2,000	2,100	10 *U*	
SW08	MA0016A	09/19/2001		38	10 *U*	39	1,300	1,400	10 *U*	

Table E-2. (cont.)

Station	Sample Number	Date	Field Replicate	HPAH (cont.) Indeno[1,2,3-cd]-pyrene	Dibenz[a,h]-anthracene	Benzo[ghi]-perylene	Total HPAH[b]	Total PAH[c]	Additional Aromatic Hydrocarbons Biphenyl	Dibenzofuran
SW08	MA0016B	09/19/2001		35	5.0 *U*	25	1,100	1,200	5.0 *U*	
SW08	MA0016C	09/19/2001		30	10 *U*	26	1,400	1,500	10 *U*	
SW08	MA0016D	09/19/2001		43	10 *U*	36	1,600	1,700	10 *U*	
SW08	MA0016E	09/19/2001		34	10 *U*	33	1,200	1,200	10 *U*	
SW13	MA0022A	09/19/2001		18	5.0 *U*	14	730	770	5.0 *U*	
SW13	MA0022B	09/19/2001		24	5.0 *U*	17	1,100	1,100	5.0 *U*	
SW13	MA0022C	09/19/2001		21	10 *U*	17	1,000	1,000	10 *U*	
SW13	MA0022D	09/19/2001		19	10 *U*	15	880	930	10 *U*	
SW13	MA0022E	09/19/2001		24	10 *U*	20	1,100	1,200	10 *U*	
SW21	MA0019A	09/19/2001		35	10 *U*	29	1,100	1,200	10 *U*	
SW21	MA0019B	09/19/2001		34	10 *U*	26	1,000	1,100	10 *U*	
SW21	MA0019C	09/19/2001		30	10 *U*	21	950	1,000	10 *U*	
SW21	MA0019D	09/19/2001		26	10 *U*	20	960	1,000	10 *U*	
SW21	MA0019E	09/19/2001		25	5.0 *U*	18	700	720	5.0 *U*	
SW28	MA0029A	09/19/2001		27	10 *U*	22	1,000	1,100	10 *U*	
SW28	MA0029B	09/19/2001		27	10 *U*	26	930	980	10 *U*	
SW28	MA0029C	09/19/2001		26	5.0 *U*	18	970	1,000	5.0 *U*	
SW28	MA0029D	09/19/2001		26	10 *U*	26	1,300	1,300	10 *U*	
SW28	MA0029E	09/19/2001		28	10 *U*	26	960	1,000	10 *U*	

Note: All results are reported as µg/kg wet weight.

HPAH - high molecular weight polycyclic aromatic hydrocarbon
J - estimated
LPAH - low molecular weight polycyclic aromatic hydrocarbon
PAH - polycyclic aromatic hydrocarbon
U - undetected at quantitation limit shown

[a] Total LPAH is computed as the sum of the concentrations of naphthalene, 2-methylnaphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, and anthracene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[b] Total HPAH is computed as the sum of the concentrations of fluoranthene, pyrene, benz[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenz[a,h]anthracene, and benzo[ghi]perylene. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

[c] Total PAH is computed as the sum of the concentrations of the compounds listed in footnotes a and b. Sums were calculated using one-half the quantitation limit for those compounds that were not detected.

Table E-3. Identifiers for bile composite samples and corresponding fish sample numbers

Location	Composite Sample Identifier	Sample (fish) Number
SWFI01	BC-1	02SDH-2
(Inside Southwest Marine)		02SDH-3
		02SDH-4
		02SDH-5
		02SDH-6
	BC-2	02SDH-7
		02SDH-9
		02SDH-10
		02SDH-11
	BC-3	02SDH-12
		02SDH-13
		02SDH-15
		02SDH-16
		02SDH-17
	BC-4	02SDH-18
		02SDH-19
		02SDH-20
		02SDH-21
	BC-5	02SDH-22
		02SDH-25
		02SDH-26
		02SDH-27
		02SDH-28
	BC-6	02SDH-29
		02SDH-30
		02SDH-31
		02SDH-32
	BC-7	02SDH-33
		02SDH-35
		02SDH-36
		02SDH-37
	BC-8	02SDH-38
		02SDH-39
		02SDH-40
		02SDH-41
	BC-9	02SDH-42
		02SDH-43
		02SDH-44
		02SDH-46
	BC-10	02SDH-47
		02SDH-48
		02SDH-49
		02SDH-51

Table E-3. (cont.)

Location	Composite Sample Identifier	Sample (fish) Number
NAFI01	BC-11	02SDH-52
(Inside NASSCO)		02SDH-53
		02SDH-55
		02SDH-56
	BC-12	02SDH-57
		02SDH-58
		02SDH-59
	BC-13	02SDH-60
		02SDH-61
		02SDH-63
		02SDH-64
	BC-14	02SDH-66
		02SDH-67
		02SDH-70
	BC-15	02SDH-73
		02SDH-76
		02SDH-77
	BC-16	02SDH-78
		02SDH-79
		02SDH-82
		02SDH-84
	BC-17	02SDH-85
		02SDH-86
		02SDH-87
	BC-18	02SDH-89
		02SDH-91
		02SDH-92
	BC-19	02SDH-93
		02SDH-96
		02SDH-98
	BC-20	02SDH-99
		02SDH-100
		02SDH-101
2240FI	BC-21	02SDH-102
(Reference)		02SDH-103
		02SDH-104
		02SDH-105
		02SDH-106
	BC-22	02SDH-107
		02SDH-108
		02SDH-109
		02SDH-110
		02SDH-111
	BC-23	02SDH-112
		02SDH-113
		02SDH-115
		02SDH-116
		02SDH-118

Table E-3. (cont.)

Location	Composite Sample Identifier	Sample (fish) Number
	BC-24	02SDH-119
		02SDH-120
		02SDH-121
		02SDH-122
		02SDH-123
	BC-25	02SDH-124
		02SDH-125
		02SDH-126
		02SDH-127
		02SDH-128
	BC-26	02SDH-129
		02SDH-130
		02SDH-131
		02SDH-132
		02SDH-133
	BC-27	02SDH-134
		02SDH-135
		02SDH-136
		02SDH-137
		02SDH-138
	BC-28	02SDH-139
		02SDH-140
		02SDH-141
		02SDH-142
		02SDH-143
	BC-29	02SDH-144
		02SDH-145
		02SDH-146
		02SDH-147
	BC-30	02SDH-148
		02SDH-149
		02SDH-150
		02SDH-151
		02SDH-152
		02SDH-153
SWFI02	BC-31	02SDH-154
(Outside Southwest Marine)		02SDH-155
		02SDH-156
		02SDH-157
		02SDH-158
	BC-32	02SDH-160
		02SDH-161
		02SDH-162
		02SDH-164
		02SDH-165

Table E-3. (cont.)

Location	Composite Sample Identifier	Sample (fish) Number
	BC-33	02SDH-166
		02SDH-167
		02SDH-168
		02SDH-169
	BC-34	02SDH-171
		02SDH-173
		02SDH-175
		02SDH-176
	BC-35	02SDH-177
		02SDH-178
		02SDH-179
		02SDH-180
	BC-36	02SDH-181
		02SDH-182
		02SDH-183
		02SDH-184
	BC-37	02SDH-185
		02SDH-187
		02SDH-188
		02SDH-189
		02SDH-190
	BC-38	02SDH-191
		02SDH-192
		02SDH-193
		02SDH-194
	BC-39	02SDH-195
		02SDH-196
		02SDH-197
		02SDH-198
		02SDH-199
	BC-40	02SDH-200
		02SDH-201
		02SDH-202
		02SDH-203
NAFI02	BC-41	02SDH-204
(Outside NASSCO)		02SDH-205
		02SDH-206
		02SDH-207
		02SDH-208
	BC-42	02SDH-209
		02SDH-211
		02SDH-212
		02SDH-213
		02SDH-214

Table E-3. (cont.)

Location	Composite Sample Identifier	Sample (fish) Number
	BC-43	02SDH-215
		02SDH-216
		02SDH-217
		02SDH-218
		02SDH-219
	BC-44	02SDH-220
		02SDH-221
		02SDH-222
		02SDH-223
		02SDH-224
	BC-45	02SDH-225
		02SDH-226
		02SDH-227
		02SDH-228
		02SDH-229
	BC-46	02SDH-230
		02SDH-231
		02SDH-232
		02SDH-233
		02SDH-234
	BC-47	02SDH-235
		02SDH-236
		02SDH-237
		02SDH-238
		02SDH-239
	BC-48	02SDH-240
		02SDH-241
		02SDH-242
		02SDH-243
		02SDH-244
	BC-49	02SDH-245
		02SDH-246
		02SDH-247
		02SDH-248
	BC-50	02SDH-249
		02SDH-250
		02SDH-251
		02SDH-253

Table E-4. PAH metabolites in fish bile samples

Station	Sample Number	Date	Field Replicate	Naphthalene Metabolites (µg/mL)	Benzo[a]pyrene Metabolites (µg/mL)	Phenanthrene Metabolites (µg/mL)	Naphthalene Metabolites (µg/mg protein)	Benzo[a]pyrene Metabolites (µg/mg protein)	Phenanthrene Metabolites (µg/mg protein)	Total Protein (µg/mL)
Reference										
2240FI	BC-21	10/4/2002	1	220	3.0 *J*	29	72	1.0 *J*	9.4	3,100
2240FI	BC-22	10/4/2002	2	210	6.0 *J*	37	62	1.9 *J*	11	3,400
2240FI	BC-23	10/4/2002	3	240	3.0 *J*	29	58	0.70 *J*	7.1	4,000
2240FI	BC-24	10/4/2002	4	440	4.0 *J*	71	150	1.3 *J*	25	2,900
2240FI	BC-25	10/4/2002	5	220	5.0 *J*	32	86	1.8 *J*	13	2,600
2240FI	BC-26	10/4/2002	6	310	13 *J*	56	78	3.3 *J*	14	4,000
2240FI	BC-27	10/4/2002	7	230	18 *J*	42	58	4.6 *J*	11	3,900
2240FI	BC-28	10/4/2002	8	230	7.0 *J*	33	91	2.9 *J*	13	2,500
2240FI	BC-29	10/4/2002	9	250	3.0 *J*	43	72	0.80 *J*	12	3,500
2240FI	BC-30	10/4/2002	10	290	11 *J*	55	63	2.4 *J*	12	4,500
NASSCO										
NAFI01	BC-11	10/4/2002	1	620	26 *J*	100	140	6.0 *J*	23	4,300
NAFI01	BC-12	10/4/2002	2	170	23 *J*	39	27	3.6 *J*	6.2	6,300
NAFI01	BC-13	10/4/2002	3	430	19 *J*	74	57	2.5 *J*	9.8	7,600
NAFI01	BC-14	10/4/2002	4	240	8.4 *J*	44	65	2.3 *J*	12	3,700
NAFI01	BC-15	10/4/2002	5	160	14 *J*	35	26	2.3 *J*	5.8	6,100
NAFI01	BC-16	10/4/2002	6	630	5.0 *J*	110	160	1.3 *J*	28	3,900
NAFI01	BC-17	10/4/2002	7	330	13 *J*	60	79	3.1 *J*	14	4,200
NAFI01	BC-18	10/4/2002	8	500	15 *J*	91	86	2.6 *J*	16	5,800
NAFI01	BC-19	10/4/2002	9	140	2.3 *J*	26	29	0.50 *J*	5.7	4,600
NAFI01	BC-20	10/4/2002	10	320	21 *J*	62	76	5.0 *J*	15	4,200
NAFI02	BC-41	10/4/2002	1	230	14	61 *J*	77	4.7	20 *J*	3,000
NAFI02	BC-42	10/4/2002	2	300	12	75 *J*	79	3.2	20 *J*	3,800
NAFI02	BC-43	10/4/2002	3	290	9.0	88 *J*	87	2.7	27 *J*	3,300
NAFI02	BC-44	10/4/2002	4	240	19	94 *J*	64	5.0	25 *J*	3,800
NAFI02	BC-45	10/4/2002	5	230	18	72 *J*	86	6.7	27 *J*	2,700
NAFI02	BC-46	10/4/2002	6	460	30	140 *J*	150	9.8	46 *J*	3,100
NAFI02	BC-47	10/4/2002	7	290	18	110 *J*	67	4.3	26 *J*	4,200
NAFI02	BC-48	10/4/2002	8	230	15	72 *J*	64	4.2	20 *J*	3,600
NAFI02	BC-49	10/4/2002	9	270	19	76 *J*	85	6.0	24 *J*	3,200
NAFI02	BC-50	10/4/2002	10	290	23	110 *J*	83	6.6	32 *J*	3,500

Table E-4. (cont.)

Station	Sample Number	Date	Field Replicate	Naphthalene Metabolites (µg/mL)	Benzo[a]pyrene Metabolites (µg/mL)	Phenanthrene Metabolites (µg/mL)	Naphthalene Metabolites (µg/mg protein)	Benzo[a]pyrene Metabolites (µg/mg protein)	Phenanthrene Metabolites (µg/mg protein)	Total Protein (µg/mL)
Southwest Marine										
SWFI01	BC-1	10/4/2002	1	340	11 *J*	73	72	2.2 *J*	15	4,700
SWFI01	BC-10	10/4/2002	10	240	7.0 *J*	47	66	1.9 *J*	13	3,600
SWFI01	BC-2	10/4/2002	2	420	6.2 *J*	79	96	1.4 *J*	18	4,400
SWFI01	BC-3	10/4/2002	3	330	9.0 *J*	69	65	1.8 *J*	14	5,100
SWFI01	BC-4	10/4/2002	4	380	19 *J*	72	74	3.7 *J*	14	5,200
SWFI01	BC-5	10/4/2002	5	320	4.3 *J*	72	64	0.90 *J*	14	5,000
SWFI01	BC-6	10/4/2002	6	300	4.6 *J*	57	73	1.1 *J*	14	4,100
SWFI01	BC-7	10/4/2002	7	310	3.4 *J*	59	61	0.70 *J*	12	5,100
SWFI01	BC-8	10/4/2002	8	280	5.1 *J*	61	63	1.1 *J*	14	4,500
SWFI01	BC-9	10/4/2002	9	240	8.4 *J*	50	55	1.9 *J*	11	4,400
SWFI02	BC-31	10/4/2002	1	590	28 *J*	110	130	6.2 *J*	25	4,500
SWFI02	BC-32	10/4/2002	2	250	24 *J*	73	57	5.4 *J*	17	4,400
SWFI02	BC-33	10/4/2002	3	470	30 *J*	94	95	6.1 *J*	19	4,900
SWFI02	BC-34	10/4/2002	4	140	22 *J*	46	54	8.5 *J*	18	2,600
SWFI02	BC-35	10/4/2002	5	260	18 *J*	61	72	5.0 *J*	17	3,600
SWFI02	BC-36	10/4/2002	6	400	30 *J*	96	92	6.9 *J*	22	4,300
SWFI02	BC-37	10/4/2002	7	210	12 *J*	62	49	2.8 *J*	14	4,300
SWFI02	BC-38	10/4/2002	8	250	29 *J*	86	55	6.4 *J*	19	4,500
SWFI02	BC-39	10/4/2002	9	260	33 *J*	77	58	7.3 *J*	17	4,400
SWFI02	BC-40	10/4/2002	10	350	22 *J*	92	78	4.9 *J*	21	4,500

Note: *J* - estimated
PAH - polycyclic aromatic hydrocarbon

Table E-5. PCB and PCT results for tissue samples

Station	Sample Number	Date	Field Replicate	PCB Aroclors®								PCT Aroclors®[a]			
				1016	1221	1232	1242	1248	1254	1260	Total[b]	5432	5442	5460	Total[b]
Lobster (whole body)															
Reference															
2230	BI0090	10/02/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	31	31	--	--	--	--
2230	BI0091	10/02/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	26 *J*	26 *J*	--	--	--	--
2230	BI0092	10/02/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	25 *J*	25 *J*	--	--	--	--
2230	BI0093	10/02/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	41	41	--	--	--	--
2230	BI0094	10/02/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	22 *J*	22 *J*	--	--	--	--
NASSCO															
NSCO-Lob	BI0059	09/27/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	47	47	--	--	--	--
NSCO-Lob	BI0060	09/27/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	25	25	--	--	--	--
NSCO-Lob	BI0061	09/27/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	45	45	--	--	--	--
NSCO-Lob	BI0062	09/27/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	76	76	--	--	--	--
NSCO-Lob	BI0063	09/28/2002	6	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	49	49	--	--	--	--
NSCO-Lob	BI0064	09/28/2002	7	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	40	40	--	--	--	--
Southwest Marine															
SWM-Lob	BI0075	09/29/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	38	38	--	--	--	--
SWM-Lob	BI0076	09/29/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	40	40	--	--	--	--
SWM-Lob	BI0077	09/29/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	64	64	--	--	--	--
SWM-Lob	BI0078	09/29/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	30	30	--	--	--	--
SWM-Lob	BI0079	09/29/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	41	41	--	--	--	--
Lobster (edible tissue)															
Reference															
2230	BI0085	10/02/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	12	12	--	--	--	--
2230	BI0086	10/02/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
2230	BI0087	10/02/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
2230	BI0088	10/02/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	15	15	--	--	--	--
2230	BI0089	10/02/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
NASSCO															
NSCO-Lob	BI0004	09/08/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	11	11	--	--	--	--
NSCO-Lob	BI0005	09/08/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
NSCO-Lob	BI0009	09/20/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
NSCO-Lob	BI0010	09/20/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	11	11	--	--	--	--
Southwest Marine															
SWM-Lob	BI0001	08/27/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
SWM-Lob	BI0002	08/27/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	12	12	--	--	--	--
SWM-Lob	BI0003	08/27/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
SWM-Lob	BI0073	09/29/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	21	21	--	--	--	--
SWM-Lob	BI0074	09/29/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10	10	--	--	--	--
Spotted sand bass (whole body)															
Reference															
2240	BI0048	09/27/2002	1	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	190	200	390	--	--	--	--
2240	BI0049	09/27/2002	2	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	190	100	290	--	--	--	--
2240	BI0050	09/27/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	300	170	470	--	--	--	--
2240	BI0051	09/27/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	180	110	290	--	--	--	--
2240	BI0052	09/27/2002	5	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	370	190	560	--	--	--	--

Table E-5. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Aroclors® 1016	1221	1232	1242	1248	1254	1260	Total[b]	PCT Aroclors®[a] 5432	5442	5460	Total[b]
NASSCO															
NAFI01	BI0028	09/26/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	400	210	610	--	--	--	--
NAFI01	BI0029	09/26/2002	2	100 *U*	200 *U*	100 *U*	100 *U*	100 *U*	1,000	1,100	2,100	--	--	--	--
NAFI01	BI0030	09/26/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	320	370	690	--	--	--	--
NAFI01	BI0031	09/26/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	280	450	730	--	--	--	--
NAFI01	BI0032	09/26/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	270	350	620	--	--	--	--
NAFI02	BI0065	09/28/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	190	310	500	--	--	--	--
NAFI02	BI0066	09/28/2002	2	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	340	220	560	--	--	--	--
NAFI02	BI0067	09/28/2002	3	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	250	350	600	--	--	--	--
NAFI02	BI0068	09/28/2002	4	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	130	110	240	--	--	--	--
NAFI02	BI0080	09/29/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	170	230	400	--	--	--	--
Southwest Marine															
SWFI01	BI0019	09/25/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	310	250	560	--	--	--	--
SWFI01	BI0020	09/25/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	160	250	410	--	--	--	--
SWFI01	BI0021	09/25/2002	3	100 *U*	200 *U*	100 *U*	100 *U*	100 *U*	420	830	1,300	--	--	--	--
SWFI01	BI0022	09/25/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	400	300	700	--	--	--	--
SWFI01	BI0023	09/25/2002	5	100 *U*	200 *U*	100 *U*	100 *U*	100 *U*	910	920	1,800	--	--	--	--
SWFI02	BI0038	09/27/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	270	290	560	--	--	--	--
SWFI02	BI0039	09/27/2002	2	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	570	400	970	--	--	--	--
SWFI02	BI0040	09/27/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	380	300	680	--	--	--	--
SWFI02	BI0041	09/27/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	310	180	490	--	--	--	--
SWFI02	BI0042	09/27/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	170	250	420	--	--	--	--
Spotted sand bass (fillet)															
Reference															
2240	BI0043	09/27/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	40	40	--	--	--	--
2240	BI0044	09/27/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	--	--	--	--
2240	BI0045	09/27/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	31	31	--	--	--	--
2240	BI0046	09/27/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	19	19	--	--	--	--
2240	BI0047	09/27/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	55	55	--	--	--	--
NASSCO															
NAFI01	BI0013	09/26/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	27	27	--	--	--	--
NAFI01	BI0024	09/26/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	34	34	--	--	--	--
NAFI01	BI0025	09/26/2002	3	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	38	38	--	--	--	--
NAFI01	BI0026	09/26/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	46	46	--	--	--	--
NAFI01	BI0027	09/26/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	18	18	--	--	--	--
NAFI02	BI0053	09/27/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	57	57	--	--	--	--
NAFI02	BI0054	09/27/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	40	40	--	--	--	--
NAFI02	BI0055	09/27/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	35	35	--	--	--	--
NAFI02	BI0056	09/27/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	27	27	--	--	--	--
NAFI02	BI0057	09/28/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	32	32	--	--	--	--
Southwest Marine															
SWFI01	BI0014	09/25/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	27	27	--	--	--	--
SWFI01	BI0015	09/25/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	190	190	--	--	--	--
SWFI01	BI0016	09/25/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	69	69	--	--	--	--
SWFI01	BI0017	09/25/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	400	400	--	--	--	--
SWFI01	BI0018	09/25/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	140	140	--	--	--	--

Table E-5. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Aroclors® 1016	1221	1232	1242	1248	1254	1260	Total[b]	PCT Aroclors®[a] 5432	5442	5460	Total[b]
SWFI02	BI0033	09/27/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	110	110	--	--	--	--
SWFI02	BI0034	09/27/2002	2	9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	9.9 *U*	69	69	--	--	--	--
SWFI02	BI0035	09/27/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	41	41	--	--	--	--
SWFI02	BI0036	09/27/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	41	41	--	--	--	--
SWFI02	BI0037	09/27/2002	5	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	39	39	--	--	--	--
Forage fish (whole body)															
Reference															
2240	BI0071-1	09/28/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	260	81	340	--	--	--	--
2240	BI0071-2	09/28/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	230	73	300	--	--	--	--
2240	BI0071-3	09/28/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	250	79	330	--	--	--	--
NASSCO															
NAFI01	BI0081	09/29/2002		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	380	100	480	--	--	--	--
NAFI02	BI0070-1	09/28/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	380	110	490	--	--	--	--
NAFI02	BI0070-2	09/28/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	330	95	430	--	--	--	--
NAFI02	BI0070-3	09/29/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	400	110	510	--	--	--	--
NAFI02	BI0070-4	09/29/2002	4	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	390	110	500	--	--	--	--
Southwest Marine															
SWFI01	BI0083-1	10/01/2002	1	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	440	190	630	--	--	--	--
SWFI01	BI0083-2	10/01/2002	2	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	480	190	670	--	--	--	--
SWFI01	BI0083-3	10/01/2002	3	10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	500	210	710	--	--	--	--
SWFI02	BI0069	09/28/2002		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	340	110	450	--	--	--	--
Mussel (soft tissue)															
Reference															
2240	BI0008	09/16/2002		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	130	10 *U*	130	--	--	--	--
NASSCO															
NA19	BI0006	09/16/2002		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	100	10 *U*	100	--	--	--	--
NA24	BI0012	09/23/2002		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	140	10 *U*	140	--	--	--	--
Southwest Marine															
SW18	BI0007	09/16/2002		9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	140	9.9 *U*	140	--	--	--	--
SW27	BI0011	09/23/2002		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	150	10 *U*	150	--	--	--	--
Eelgrass															
Reference															
2240-EG	BI0095	10/02/2002		5.0 *U*	10 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0	5.0 *U*	5.0	--	--	--	--
NASSCO															
NA-EG-1	BI0084	10/02/2002		5.0 *U*	10 *U*	5.0 *U*	5.0 *U*	5.0 *U*	7.5	5.0 *U*	7.5	--	--	--	--
Southwest Marine															
SW-EG-1	BI0082	10/01/2002		5.0 *U*	10 *U*	5.0 *U*	5.0 *U*	5.0 *U*	19	5.0 *U*	19	--	--	--	--
***Macoma* tissue for bioaccumulation tests**															
Control															
CONTROL	ControlA	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
CONTROL	ControlB	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
CONTROL	ControlC	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
CONTROL	ControlD	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
CONTROL	ControlE	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
Reference															
2441	MA0034A	10/06/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10	10 *U*	10	20 *U*	20 *U*	100 *U*	100 *U*

Table E-5. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Aroclors® 1016	1221	1232	1242	1248	1254	1260	Total[b]	PCT Aroclors®[a] 5432	5442	5460	Total[b]
2441	MA0034B	10/06/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
2441	MA0034C	10/06/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
2441	MA0034D	10/06/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
2441	MA0034E	10/06/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*	20 *U*	20 *U*	100 *U*	100 *U*
2433	MA0041A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	31	10 *U*	31	20 *U*	20 *U*	100 *U*	100 *U*
2433	MA0041B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	28	10 *U*	28	20 *U*	20 *U*	100 *U*	100 *U*
2433	MA0041C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	18	10 *U*	18	20 *U*	20 *U*	100 *U*	100 *U*
2433	MA0041D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	21 *J*	10 *U*	21 *J*	20 *U*	20 *U*	100 *U*	100 *U*
2433	MA0041E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	19	10 *U*	19	20 *U*	20 *U*	100 *U*	100 *U*
2440	MA0043A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	49	10 *U*	49	20 *U*	20 *U*	100 *U*	100 *U*
2440	MA0043B	09/19/2001		9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	38	9.9 *U*	38	20 *U*	20 *U*	99 *U*	99 *U*
2440	MA0043C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	32	10 *U*	32	20 *U*	20 *U*	100 *U*	100 *U*
2440	MA0043D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	43	10 *U*	43	20 *U*	20 *U*	100 *U*	100 *U*
2440	MA0043E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	37	10 *U*	37	20 *U*	20 *U*	100 *U*	100 *U*
2231	MA0013A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	21	10 *U*	21	20 *U*	20 *U*	100 *U*	100 *U*
2231	MA0013B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	32	10 *U*	32	20 *U*	20 *U*	100 *U*	100 *U*
2231	MA0013C	09/19/2001		9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	23	9.9 *U*	23	20 *U*	20 *U*	99 *U*	99 *U*
2231	MA0013D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	23	10 *U*	23	20 *U*	20 *U*	100 *U*	100 *U*
2231	MA0013E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	19	10 *U*	19	20 *U*	20 *U*	100 *U*	100 *U*
2243	MA0049A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	23	10 *U*	23	20 *U*	20 *U*	100 *U*	100 *U*
2243	MA0049B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	30 *J*	10 *U*	30 *J*	20 *U*	20 *U*	100 *U*	100 *U*
2243	MA0049C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	18	10 *U*	18	20 *U*	20 *U*	100 *U*	100 *U*
2243	MA0049D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	28 *J*	10 *U*	28 *J*	20 *U*	20 *U*	100 *U*	100 *U*
2243	MA0049E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	21	10 *U*	21	20 *U*	20 *U*	100 *U*	100 *U*
NASSCO															
NA06	MA0020A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	55	11	66	20 *U*	20 *U*	100 *U*	100 *U*
NA06	MA0020B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	69	10 *U*	69	20 *U*	20 *U*	100 *U*	100 *U*
NA06	MA0020C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	53	13	66	20 *U*	20 *U*	100 *U*	100 *U*
NA06	MA0020D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	78	14	92	20 *U*	20 *U*	100 *U*	100 *U*
NA06	MA0020E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	75	21 *J*	96 *J*	20 *U*	20 *U*	100 *U*	100 *U*
NA11	MA0021A	09/19/2001		9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	47	9.9 *U*	47	20 *U*	20 *U*	99 *U*	99 *U*
NA11	MA0021B	09/19/2001		9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	49	9.9 *U*	49	20 *U*	20 *U*	99 *U*	99 *U*
NA11	MA0021C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	37	10 *U*	37	20 *U*	20 *U*	100 *U*	100 *U*
NA11	MA0021D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	43	12	55	20 *U*	20 *U*	100 *U*	100 *U*
NA11	MA0021E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	46	10 *U*	46	20 *U*	20 *U*	100 *U*	100 *U*
NA12	MA0027A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	22	10 *U*	22	20 *U*	20 *U*	100 *U*	100 *U*
NA12	MA0027B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	22	10 *U*	22	20 *U*	20 *U*	100 *U*	100 *U*
NA12	MA0027C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	35	10 *U*	35	20 *U*	20 *U*	100 *U*	100 *U*
NA12	MA0027D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	38	11	49	20 *U*	20 *U*	100 *U*	100 *U*
NA12	MA0027E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	31	10 *U*	31	20 *U*	20 *U*	100 *U*	100 *U*
NA20	MA0028A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	34	10 *U*	34	20 *U*	20 *U*	100 *U*	100 *U*
NA20	MA0028B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	29	10 *U*	29	20 *U*	20 *U*	100 *U*	100 *U*
NA20	MA0028CE	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	40	10 *U*	40	20 *U*	20 *U*	100 *U*	100 *U*
NA20	MA0028D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	25	10 *U*	25	20 *U*	20 *U*	100 *U*	100 *U*
Southwest Marine															
SW04	MA0012A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	190	32	220	20 *U*	20 *U*	100 *U*	100 *U*

Table E-5. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Aroclors®								PCT Aroclors®[a]			
				1016	1221	1232	1242	1248	1254	1260	Total[b]	5432	5442	5460	Total[b]
SW04	MA0012B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	190	28	220	20 *U*	20 *U*	100 *U*	100 *U*
SW04	MA0012C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	230	10 *U*	230	20 *U*	20 *U*	100 *U*	100 *U*
SW04	MA0012D	09/19/2001		9.9 *U*	20 *U*	9.9 *U*	9.9 *U*	9.9 *U*	180	9.9 *U*	180	20 *U*	20 *U*	99 *U*	99 *U*
SW04	MA0012E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	210	24	230	20 *U*	20 *U*	100 *U*	100 *U*
SW08	MA0016A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	190	10 *U*	190	20 *U*	20 *U*	100 *U*	100 *U*
SW08	MA0016B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	92	15	110	20 *U*	20 *U*	100 *U*	100 *U*
SW08	MA0016C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	150	23 *J*	170 *J*	20 *U*	20 *U*	100 *U*	100 *U*
SW08	MA0016D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	180	10 *U*	180	20 *U*	20 *U*	100 *U*	100 *U*
SW08	MA0016E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	150	10 *U*	150	20 *U*	20 *U*	100 *U*	100 *U*
SW13	MA0022A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	24	10 *U*	24	20 *U*	20 *U*	100 *U*	100 *U*
SW13	MA0022B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	68	22	90	20 *U*	20 *U*	100 *U*	100 *U*
SW13	MA0022C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	59	21	80	20 *U*	20 *U*	100 *U*	100 *U*
SW13	MA0022D	09/19/2001		15 *U*	29 *U*	15 *U*	15 *U*	15 *U*	68	17	85	29 *U*	29 *U*	150 *U*	150 *U*
SW13	MA0022E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	68	14	82	20 *U*	20 *U*	100 *U*	100 *U*
SW21	MA0019A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	170	70	240	20 *U*	20 *U*	100 *U*	100 *U*
SW21	MA0019B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	200	100	300	20 *U*	20 *U*	100 *U*	100 *U*
SW21	MA0019C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	190	76	270	20 *U*	20 *U*	100 *U*	100 *U*
SW21	MA0019D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	200	84	280	20 *U*	20 *U*	100 *U*	100 *U*
SW21	MA0019E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	140	85 *J*	230 *J*	20 *U*	20 *U*	100 *U*	100 *U*
SW28	MA0029A	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	120	89	210	20 *U*	20 *U*	100 *U*	100 *U*
SW28	MA0029B	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	130	82	210	20 *U*	20 *U*	100 *U*	100 *U*
SW28	MA0029C	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	150	88	240	20 *U*	20 *U*	100 *U*	100 *U*
SW28	MA0029D	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	170	92	260	20 *U*	20 *U*	100 *U*	100 *U*
SW28	MA0029E	09/19/2001		10 *U*	20 *U*	10 *U*	10 *U*	10 *U*	130	82	210	20 *U*	20 *U*	100 *U*	100 *U*

Note: All results reported as µg/kg wet weight.

-- - not analyzed
J - estimated
PCB - polychlorinated biphenyl
PCT - polychlorinated terphenyl
U - undetected at quantitation limit shown

[a] Only *Macoma* samples were analyzed for PCTs. Phase 2 tissue samples were analyzed for PCBs only.

[b] Total PCB and total PCT for each sample is computed as the sum of Aroclors® according to the following rules: 1) if any Aroclor® is detected, all detected Aroclors® are summed; 2) if no Aroclor® is detected, the highest quantitation limit for any Aroclor® is used.

Table E-6. PCB congener and homolog results for tissue samples

Station	Sample Number	Date	Field Replicate	PCB Congeners 18	28	37	44	49	52	66	70	74	77
Lobster (whole body)													
Reference													
2230	BI0090	10/02/2002	1	0.076	0.12	0.074	0.029	0.025	0.25	0.29	0.076	0.084	0.099
2230	BI0091	10/02/2002	2	0.077	0.14	0.077	0.036	0.020	0.15	0.21	0.039	0.050	0.062
2230	BI0092	10/02/2002	3	0.040	0.27	0.097	0.032	0.043	0.12	0.58	0.074	0.11	0.086
2230	BI0093	10/02/2002	4	0.033	0.064	0.084	0.014	0.016	0.12	0.18	0.060	0.067	0.081
2230	BI0094	10/02/2002	5	0.028	0.100	0.065	0.015	0.013	0.049	0.12	0.032	0.038	0.063
NASSCO													
NSCO-Lob	BI0058	09/26/2002	1	0.076	0.049	0.068	0.030	0.011 *U*	0.15	0.24	0.024	0.011 *U*	0.029
NSCO-Lob	BI0059	09/27/2002	2	0.068	0.094	0.055	0.026	0.052	0.16	0.33	0.036	0.15	0.082
NSCO-Lob	BI0060	09/27/2002	3	0.056	0.071	0.040	0.029	0.021	0.12	0.13	0.018	0.047	0.028
NSCO-Lob	BI0061	09/27/2002	4	0.016	0.041	0.033	0.012 *U*	0.020	0.069	0.12	0.027	0.045	0.051
NSCO-Lob	BI0062	09/27/2002	5	0.015	0.18	0.031	0.049	0.35	0.54	0.94	0.061	0.39	0.058
NSCO-Lob	BI0063	09/28/2002	6	0.016	0.052	0.072	0.012	0.021	0.067	0.20	0.040	0.068	0.090
NSCO-Lob	BI0064	09/28/2002	7	0.011 *U*	0.064	0.050	0.011 *U*	0.078	0.097	0.26	0.043	0.011 *U*	0.059
Southwest Marine													
SWM-Lob	BI0075	09/29/2002	1	0.066	0.17	0.10	0.043	0.072	0.26	0.47	0.12	0.15	0.20
SWM-Lob	BI0076	09/29/2002	2	0.059	0.11	0.061	0.032	0.088	0.011	0.24	0.079	0.071	0.091
SWM-Lob	BI0077	09/29/2002	3	0.020	0.041	0.086	0.022	0.091	0.090	0.090	0.042	0.028	0.11
SWM-Lob	BI0078	09/29/2002	4	0.026	0.13	0.12	0.017	0.027	0.11	0.33	0.059	0.064	0.12
SWM-Lob	BI0079	09/29/2002	5	0.11	0.11	0.15	0.066	0.13	0.31	0.33	0.086	0.090	0.28
Lobster (edible tissue)													
Reference													
2230	BI0085	10/02/2002	1	0.011 *U*	0.028	0.047	0.011 *U*	0.011 *U*	0.018	0.077	0.022	0.024	0.030
2230	BI0086	10/02/2002	2	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
2230	BI0087	10/02/2002	3	0.016	0.021	0.017	0.010 *U*	0.010 *U*	0.053	0.087	0.017	0.020	0.020
2230	BI0088	10/02/2002	4	0.010 *U*	0.064	0.049	0.010 *U*	0.010 *U*	0.022	0.099	0.010 *U*	0.031	0.018
2230	BI0089	10/02/2002	5	0.0097 *U*	0.0097 *U*	0.0097 *U*	0.0097 *U*	0.0097 *U*	0.0097 *U*	0.024	0.0097 *U*	0.0097 *U*	0.0097 *U*
NASSCO													
NSCO-Lob	BI0004	09/08/2002	1	0.039	0.059	0.024	0.035	0.018	0.085	0.11	0.050	0.034	0.029
NSCO-Lob	BI0005	09/08/2002	2	0.044	0.049	0.019	0.020	0.011 *U*	0.061	0.075	0.025	0.019	0.017
NSCO-Lob	BI0009	09/20/2002	3	0.011 *U*	0.17	0.059	0.011 *U*	0.021	0.031	0.31	0.024	0.044	0.041
NSCO-Lob	BI0010	09/20/2002	4	0.039	0.022	0.018	0.013 *U*	0.013 *U*	0.040	0.024	0.013 *U*	0.013 *U*	0.017
Southwest Marine													
SWM-Lob	BI0001	08/27/2002	1	0.012	0.037	0.017	0.011 *U*	0.011	0.037	0.080	0.018	0.020	0.030
SWM-Lob	BI0002	08/27/2002	2	0.011 *U*	0.023	0.014	0.011 *U*	0.011 *U*	0.023	0.045	0.016	0.012	0.025
SWM-Lob	BI0003	08/27/2002	3	0.038	0.15	0.050	0.015	0.024	0.083	0.37	0.028	0.047	0.038
SWM-Lob	BI0073	09/29/2002	4	0.083	0.15	0.054	0.042	0.061	0.22	0.24	0.036	0.032	0.037
SWM-Lob	BI0074	09/29/2002	5	0.011 *U*	0.011 *U*	0.017	0.011 *U*	0.011 *U*	0.011	0.026	0.011 *U*	0.011 *U*	0.024
Spotted sand bass (whole body)													
Reference													
2240	BI0048	09/27/2002	1	0.014	0.95	0.011 *U*	0.035	1.2	1.5	5.8	0.30	3.2	0.054
2240	BI0049	09/27/2002	2	0.042	1.0	0.015	0.29	4.4	3.6	8.2	0.36	3.2	0.080
2240	BI0050	09/27/2002	3	0.032	1.6	0.016	0.17	4.9	3.9	10.0	0.43	4.0	0.10
2240	BI0051	09/27/2002	4	0.028	1.2	0.010 *U*	0.31	2.9	3.4	7.0	0.33	3.0	0.073
2240	BI0052	09/27/2002	5	0.050	1.7	0.011 *U*	0.70	6.5	7.4	13	0.44	5.7	0.11

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners 18	28	37	44	49	52	66	70	74	77
NASSCO													
NAFI01	BI0028	09/26/2002	1	0.029	3.7	0.010 *U*	0.15	15	4.2	21	1.4	12	0.16
NAFI01	BI0029	09/26/2002	2	0.028	1.8	0.019	1.1	10.0	8.6	12	0.48	8.1	0.092
NAFI01	BI0030	09/26/2002	3	0.013	0.46	0.011 *U*	0.25	2.6	2.7	4.1	0.12	2.5	0.025
NAFI01	BI0031	09/26/2002	4	0.017	0.67	0.012	0.16	4.4	4.7	7.8	0.18	5.1	0.063
NAFI01	BI0032	09/26/2002	5	0.012	0.46	0.011 *U*	0.072	2.6	3.0	4.4	0.11	2.6	0.041
NAFI02	BI0065	09/28/2002	1	0.011 *U*	0.44	0.011 *U*	0.032	2.5	1.3	5.4	0.097	3.0	0.050
NAFI02	BI0066	09/28/2002	2	0.059	1.2	0.011 *U*	0.40	4.7	5.9	7.6	0.25	3.3	0.10
NAFI02	BI0067	09/28/2002	3	0.013	0.48	0.011 *U*	0.035	2.5	1.2	5.7	0.11	3.1	0.036
NAFI02	BI0068	09/28/2002	4	0.014	0.32	0.012 *U*	0.11	2.2	2.1	0.042	0.065	1.9	0.042
NAFI02	BI0080	09/29/2002	5	0.015	0.37	0.013 *U*	0.070	2.0	2.3	6.7	0.11	3.5	0.048
Southwest Marine													
SWFI01	BI0019	09/25/2002	1	0.11	1.5	0.0098 *U*	0.65	6.3	5.6	9.8	0.62	4.0	0.20
SWFI01	BI0020	09/25/2002	2	0.011 *U*	0.12	0.011 *U*	0.071	1.7	2.0	2.4	0.056	1.4	0.016
SWFI01	BI0021	09/25/2002	3	0.015	0.34	0.011 *U*	0.079	3.9	3.3	5.3	0.066	3.0	0.021
SWFI01	BI0022	09/25/2002	4	0.069	1.6	0.0097 *U*	0.53	0.0097 *U*	9.1	14	0.50	7.1	0.16
SWFI01	BI0023	09/25/2002	5	0.100	2.7	0.011 *U*	0.84	8.4	10	14	0.99	6.4	0.13
SWFI02	BI0038	09/27/2002	1	0.045	1.1	0.012 *U*	0.30	2.7	3.3	7.0	0.32	3.3	0.11
SWFI02	BI0039	09/27/2002	2	0.036	1.0	0.012 *U*	0.33	6.7	6.4	11	0.18	5.7	0.085
SWFI02	BI0040	09/27/2002	3	0.074	1.7	0.010 *U*	0.52	7.0	7.0	12	0.35	6.3	0.19
SWFI02	BI0041	09/27/2002	4	0.044	1.6	0.013 *U*	0.18	4.6	4.2	13	0.40	5.5	0.31
SWFI02	BI0042	09/27/2002	5	0.011 *U*	0.40	0.011 *U*	0.020	2.1	0.82	5.0	0.074	2.1	0.049
Spotted sand bass (fillet)													
Reference													
2240	BI0043	09/27/2002	1	0.013 *U*	0.076	0.013 *U*	0.013 *U*	0.81	0.28	1.1	0.039	0.63	0.013 *U*
2240	BI0044	09/27/2002	2	0.010 *U*	0.028	0.010 *U*	0.010 *U*	0.11	0.074	0.18	0.010 *U*	0.075	0.010 *U*
2240	BI0045	09/27/2002	3	0.013 *U*	0.11	0.013 *U*	0.050	0.49	0.55	0.78	0.035	0.35	0.013 *U*
2240	BI0046	09/27/2002	4	0.013 *U*	0.082	0.013 *U*	0.044	0.41	0.48	0.58	0.015	0.28	0.013 *U*
2240	BI0047	09/27/2002	5	0.012 *U*	0.24	0.012 *U*	0.080	0.57	0.83	1.4	0.095	0.65	0.019
NASSCO													
NAFI01	BI0013	09/26/2002	1	0.012 *U*	0.080	0.012 *U*	0.028	0.17	0.38	0.38	0.016	0.18	0.012 *U*
NAFI01	BI0024	09/26/2002	2	0.012 *U*	0.13	0.012 *U*	0.053	0.24	0.66	0.80	0.026	0.43	0.012 *U*
NAFI01	BI0025	09/26/2002	3	0.012 *U*	0.29	0.012 *U*	0.039	0.83	1.1	2.2	0.029	1.1	0.012 *U*
NAFI01	BI0026	09/26/2002	4	0.010 *U*	0.15	0.010 *U*	0.019	0.58	0.56	1.1	0.023	0.56	0.011
NAFI01	BI0027	09/26/2002	5	0.012 *U*	0.064	0.012 *U*	0.012 *U*	0.15	0.18	0.30	0.015	0.16	0.012 *U*
NAFI02	BI0053	09/27/2002	1	0.015	0.44	0.012 *U*	0.11	1.4	1.2	2.7	0.12	1.1	0.030
NAFI02	BI0054	09/27/2002	2	0.012 *U*	0.098	0.012 *U*	0.027	0.47	0.39	0.96	0.018	0.49	0.012 *U*
NAFI02	BI0055	09/27/2002	3	0.012 *U*	0.20	0.012 *U*	0.065	0.81	0.78	1.6	0.022	0.70	0.012 *U*
NAFI02	BI0056	09/27/2002	4	0.012 *U*	0.16	0.012 *U*	0.078	0.46	0.61	0.78	0.036	0.32	0.016
NAFI02	BI0057	09/28/2002	5	0.012 *U*	0.29	0.012 *U*	0.083	0.75	1.0	1.7	0.075	0.74	0.029
Southwest Marine													
SWFI01	BI0014	09/25/2002	1	0.013 *U*	0.11	0.013 *U*	0.027	0.34	0.53	0.81	0.019	0.41	0.013 *U*
SWFI01	BI0015	09/25/2002	2	0.012 *U*	0.49	0.012 *U*	0.012 *U*	2.1	0.40	2.0	0.20	1.2	0.021
SWFI01	BI0016	09/25/2002	3	0.012 *U*	0.079	0.012 *U*	0.032	1.0	0.44	0.57	0.014	0.27	0.012 *U*
SWFI01	BI0017	09/25/2002	4	0.013 *U*	0.17	0.013 *U*	0.013 *U*	9.0	0.67	2.1	0.024	0.98	0.013 *U*
SWFI01	BI0018	09/25/2002	5	0.013 *U*	0.33	0.013 *U*	0.018	1.5	0.91	2.8	0.067	1.4	0.019
SWFI02	BI0033	09/27/2002	1	0.013 *U*	0.11	0.013 *U*	0.027	0.83	0.76	1.5	0.013 *U*	0.71	0.013 *U*

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners 18	28	37	44	49	52	66	70	74	77
SWFI02	BI0034	09/27/2002	2	0.013 *U*	0.079	0.013 *U*	0.013 *U*	0.34	0.37	0.81	0.013 *U*	0.35	0.013 *U*
SWFI02	BI0035	09/27/2002	3	0.012 *U*	0.036	0.012 *U*	0.012 *U*	0.14	0.076	0.33	0.014	0.14	0.012 *U*
SWFI02	BI0036	09/27/2002	4	0.013 *U*	0.20	0.013 *U*	0.013	0.71	0.41	1.9	0.048	0.80	0.017
SWFI02	BI0037	09/27/2002	5	0.012 *U*	0.20	0.012 *U*	0.055	0.56	0.67	1.2	0.049	0.65	0.016
Forage fish (whole body)													
Reference													
2240	BI0071-1	09/28/2002	1	0.11	0.79	0.012 *U*	1.3	2.7	4.7	5.3	3.4	2.0	0.12
2240	BI0071-2	09/28/2002	2	0.077	0.55	0.012 *U*	1.3	3.3	4.2	4.3	2.9	1.7	0.10
2240	BI0071-3	09/28/2002	3	0.094	0.75	0.013 *U*	1.7	4.0	5.3	5.1	3.5	2.0	0.12
NASSCO													
NAFI01	BI0081	09/29/2002		0.43	1.4	0.067	2.1	4.2	8.8	8.4	3.4	2.8	0.24
NAFI02	BI0070-1	09/28/2002	1	0.50	1.6	0.050	2.4	5.1	10	9.4	3.5	3.1	0.27
NAFI02	BI0070-2	09/28/2002	2	0.39	1.3	0.047	1.6	4.3	8.8	8.1	2.9	2.6	0.23
NAFI02	BI0070-3	09/29/2002	3	0.45	1.6	0.054	1.8	4.7	9.4	9.2	3.5	3.0	0.25
NAFI02	BI0070-4	09/29/2002	4	0.41	1.5	0.036	2.1	4.3	8.7	8.7	3.1	2.8	0.25
Southwest Marine													
SWFI01	BI0083-1	10/01/2002	1	0.68	3.3	0.011 *U*	6.9	13	18	19	13	7.8	0.18
SWFI01	BI0083-2	10/01/2002	2	0.65	3.8	0.011 *U*	7.5	14	19	20	14	8.5	0.27
SWFI01	BI0083-3	10/01/2002	3	0.65	3.8	0.011 *U*	6.6	13	17	18	12	7.7	0.23
SWFI02	BI0069	09/28/2002		0.39	1.4	0.023	1.9	4.0	8.2	7.5	2.1	2.1	0.22
Mussel (soft tissue)													
Reference													
2240	BI0008	09/16/2002		0.079	0.26	0.050	0.40	0.67	1.1	1.2	0.69	0.44	0.089
NASSCO													
NA19	BI0006	09/16/2002		0.13	0.36	0.060	0.67	0.89	1.6	1.7	1.3	0.69	0.15
NA24	BI0012	09/23/2002		0.19	0.59	0.10	0.85	1.5	2.2	2.4	1.7	0.96	0.19
Southwest Marine													
SW18	BI0007	09/16/2002		0.21	0.63	0.079	1.1	1.5	2.4	2.6	1.8	1.0	0.18
SW27	BI0011	09/23/2002		0.19	0.54	0.10	1.1	1.7	2.7	2.6	1.9	1.0	0.21
Eelgrass													
Reference													
2240-EG	BI0095	10/02/2002		0.021	0.057	0.011	0.048	0.059	0.10	0.12	0.066	0.038	0.012
NASSCO													
NA-EG-1	BI0084	10/02/2002		0.11	0.15	0.031	0.34	0.18	0.57	0.37	0.36	0.17	0.039
Southwest Marine													
SW-EG-1	BI0082	10/01/2002		0.060	0.15	0.030	0.19	0.17	0.37	0.37	0.35	0.15	0.031
***Macoma* tissue for bioaccumulation tests**													
Control													
CONTROL	ControlA	09/19/2001		0.034 *U*	0.056 *J*	0.011 *U*	0.026 *U*	0.034 *U*	0.048 *U*	0.025 *U*	0.029 *U*	0.017	0.011 *U*
CONTROL	ControlB	09/19/2001		0.011	0.030	0.011 *U*	0.011 *U*	0.022	0.026	0.023	0.022	0.013	0.011 *U*
CONTROL	ControlC	09/19/2001		0.020 *U*	0.048 *U*	0.025 *U*	0.023 *U*	0.035 *U*	0.042 *U*	0.046 *U*	0.042 *U*	0.022 *U*	0.032 *U*
CONTROL	ControlD	09/19/2001		0.10	0.59	0.068	0.15	1.9	1.6	1.6	1.2	0.71	0.13
CONTROL	ControlE	09/19/2001		0.014 *U*	0.038 *U*	0.011 *U*	0.012 *U*	0.025 *U*	0.029 *U*	0.022 *U*	0.024 *U*	0.014 *U*	0.011 *U*
Reference													
2441	MA0034A	10/06/2001		0.023	0.16	0.013	0.018	0.16	0.15	0.23	0.14	0.097	0.016
2441	MA0034B	10/06/2001		0.021	0.15	0.013	0.019	0.16	0.15	0.21	0.13	0.086	0.014
2441	MA0034C	10/06/2001		0.020	0.14	0.012	0.020	0.15	0.14	0.20	0.12	0.082	0.013

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners 18	28	37	44	49	52	66	70	74	77
2441	MA0034D	10/06/2001		0.032	0.15	0.012	0.019	0.17	0.16	0.22	0.15	0.094	0.014
2441	MA0034E	10/06/2001		0.025	0.13	0.013 *U*	0.023	0.13	0.14	0.18	0.11	0.073	0.013 *U*
2433	MA0041A	09/19/2001		0.036 *J*	0.21	0.017	0.047 *J*	0.38	0.32	0.49	0.24	0.18	0.028
2433	MA0041B	09/19/2001		0.049 *J*	0.26	0.020	0.058 *J*	0.47	0.39	0.60	0.29	0.22	0.034
2433	MA0041C	09/19/2001		0.043 *U*	0.19	0.015	0.045 *J*	0.37	0.31	0.46	0.23	0.17	0.026
2433	MA0041D	09/19/2001		0.057 *J*	0.27	0.021	0.068 *J*	0.48	0.42	0.60	0.29	0.21	0.037
2433	MA0041E	09/19/2001		0.039	0.21	0.011 *U*	0.050	0.37	0.30	0.54	0.25	0.17	0.032
2440	MA0043A	09/19/2001		0.065	0.45	0.049	0.11	1.5	1.2	1.3	0.85	0.49	0.097
2440	MA0043B	09/19/2001		0.10 *J*	0.49	0.072	0.14	1.00	1.3	0.94	0.95	0.46	0.098
2440	MA0043C	09/19/2001		0.065	0.33	0.056	0.091	0.65	0.77	0.76	0.68	0.33	0.061
2440	MA0043D	09/19/2001		0.13	0.54	0.076	0.19	0.90	1.1	0.91	0.88	0.46	0.10
2440	MA0043E	09/19/2001		0.10	0.52	0.067	0.13	0.89	1.1	0.88	0.87	0.45	0.086
2231	MA0013A	09/19/2001		0.028 *U*	0.13 *J*	0.037 *U*	0.041 *J*	0.27	0.25	0.40	0.22	0.16	0.075 *J*
2231	MA0013B	09/19/2001		0.025 *U*	0.15	0.019	0.049 *J*	0.27	0.25	0.40	0.21	0.16	0.047
2231	MA0013C	09/19/2001		0.037 *U*	0.12 *J*	0.012	0.040 *U*	0.21	0.21	0.31	0.17	0.12	0.037
2231	MA0013D	09/19/2001		0.034 *U*	0.11 *J*	0.013	0.033 *U*	0.21	0.21	0.31	0.17	0.12	0.035
2231	MA0013E	09/19/2001		0.035 *U*	0.11 *J*	0.011	0.039 *U*	0.19	0.19	0.29	0.15	0.11	0.034
2243	MA0049A	09/19/2001		0.041 *U*	0.18	0.016	0.049 *J*	0.32	0.29	0.41	0.19	0.14	0.030
2243	MA0049B	09/19/2001		0.027	0.20	0.017	0.028 *U*	0.36	0.30	0.50	0.21	0.16	0.035
2243	MA0049C	09/19/2001		0.017	0.16	0.013	0.019	0.32	0.27	0.49	0.19	0.14	0.031
2243	MA0049D	09/19/2001		0.021 *U*	0.040 *J*	0.011 *U*	0.017 *U*	0.025 *U*	0.036 *U*	0.022 *J*	0.023 *U*	0.014	0.011 *U*
2243	MA0049E	09/19/2001		0.029 *U*	0.20	0.018 *U*	0.029 *U*	0.36	0.32	0.52	0.22	0.17	0.034 *U*
NASSCO													
NA06	MA0020A	09/19/2001		0.19	1.5	0.13	0.33	2.6	2.7	3.4	2.8	1.7	0.19
NA06	MA0020B	09/19/2001		0.17	1.3	0.095	0.32	1.9	2.1	2.4	2.0	1.2	0.13
NA06	MA0020C	09/19/2001		0.11	0.46	0.067	0.15	0.79	0.93	0.90	0.82	0.39	0.086
NA06	MA0020D	09/19/2001		0.22	1.8	0.14	0.37	3.4	3.5	4.0	3.4	2.0	0.22
NA06	MA0020E	09/19/2001		0.20	1.5	0.13	0.35	2.8	2.9	3.3	3.0	1.8	0.19
NA11	MA0021A	09/19/2001		0.068 *J*	0.46	0.038	0.11	0.79	0.90	1.1	0.76	0.50	0.090
NA11	MA0021B	09/19/2001		0.071	0.38	0.036	0.085	0.70	0.78	0.96	0.69	0.47	0.085
NA11	MA0021C	09/19/2001		0.045 *J*	0.39	0.047 *J*	0.092 *J*	0.67	0.70	0.95	0.68	0.45	0.099 *J*
NA11	MA0021D	09/19/2001		0.056	0.45	0.046	0.11	0.83	0.87	1.3	0.84	0.55	0.093
NA11	MA0021E	09/19/2001		0.070 *J*	0.49	0.057 *J*	0.14	0.76	0.85	1.1	0.76	0.52	0.11 *J*
NA12	MA0027A	09/19/2001		0.020	0.15	0.024	0.037	0.32	0.34	0.51	0.30	0.19	0.054
NA12	MA0027B	09/19/2001		0.021	0.15	0.020	0.031	0.33	0.35	0.50	0.29	0.19	0.050
NA12	MA0027C	09/19/2001		0.032 *J*	0.17	0.021	0.053 *J*	0.35	0.40	0.48	0.31	0.21	0.052
NA12	MA0027D	09/19/2001		0.035 *J*	0.22	0.047 *J*	0.071 *J*	0.53	0.53	0.72	0.47	0.32	0.10 *J*
NA12	MA0027E	09/19/2001		0.038 *U*	0.18	0.023	0.053 *J*	0.39	0.42	0.51	0.33	0.23	0.054
NA20	MA0028A	09/19/2001		0.15	0.69	0.094	0.18	0.99	1.3	0.94	0.93	0.52	0.095
NA20	MA0028B	09/19/2001		0.14	0.55	0.083	0.17	0.71	0.85	0.68	0.69	0.39	0.068
NA20	MA0028CE	09/19/2001		0.093	0.37	0.048	0.11	0.51	0.65	0.49	0.48	0.28	0.046
NA20	MA0028D	09/19/2001		0.11	0.46	0.060	0.14	0.75	0.96	0.72	0.71	0.38	0.072
Southwest Marine													
SW04	MA0012A	09/19/2001		1.5	7.6	0.82	2.9	14	16	15	14	7.5	0.98
SW04	MA0012B	09/19/2001		0.90	5.7	0.57	2.2	10	11	12	12	6.0	0.69
SW04	MA0012C	09/19/2001		0.028 *J*	0.20	0.017	0.027 *U*	0.35	0.30	0.47	0.21	0.16	0.033
SW04	MA0012D	09/19/2001		1.2	4.9	0.58	1.9	9.6	11	9.9	10	5.3	0.66

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners 18	28	37	44	49	52	66	70	74	77
SW04	MA0012E	09/19/2001		1.5	7.3	0.82	2.8	13	15	14	14	7.5	0.91
SW08	MA0016A	09/19/2001		0.69	2.9	0.36	0.93	7.0	6.4	7.7	6.3	3.5	0.54
SW08	MA0016B	09/19/2001		0.83	2.5	0.27	1.2	6.2	6.1	7.6	6.1	3.2	0.47
SW08	MA0016C	09/19/2001		0.54	2.7	0.30	0.51	5.9	5.2	6.6	5.4	3.1	0.46
SW08	MA0016D	09/19/2001		1.1	3.9	0.45	1.2	8.8	8.9	9.6	8.1	4.5	0.67
SW08	MA0016E	09/19/2001		0.77	2.7	0.32	0.77	6.0	5.7	6.7	5.5	3.1	0.47
SW13	MA0022A	09/19/2001		0.059	0.33	0.042	0.091	0.99	0.80	0.90	0.61	0.35	0.090
SW13	MA0022B	09/19/2001		0.098	0.80	0.067	0.15	1.3	1.4	1.8	1.4	0.80	0.093
SW13	MA0022C	09/19/2001		0.096	0.61	0.064 *J*	0.16	1.9	1.7	1.6	1.1	0.67	0.13 *J*
SW13	MA0022D	09/19/2001		1.6	7.3	0.81	2.4	13	13	13	13	6.9	0.86
SW13	MA0022E	09/19/2001		0.061 *J*	0.47	0.050	0.12	1.5	1.3	1.3	0.90	0.53	0.100
SW21	MA0019A	09/19/2001		0.31	1.2	0.15	0.38	6.8	4.0	2.9	2.1	1.1	0.22
SW21	MA0019B	09/19/2001		0.36	1.3	0.18	0.55	7.9	4.4	3.4	2.4	1.3	0.25
SW21	MA0019C	09/19/2001		0.41	1.5	0.20	0.53	7.9	4.5	3.5	2.5	1.3	0.25
SW21	MA0019D	09/19/2001		0.29	1.3	0.20	0.50	7.6	4.3	3.4	2.4	1.3	0.26
SW21	MA0019E	09/19/2001		0.24	1.1	0.11	0.26	4.6	2.6	2.3	1.5	0.80	0.14
SW28	MA0029A	09/19/2001		0.063 *J*	0.36	0.051	0.096	1.8	1.5	1.2	0.80	0.43	0.13
SW28	MA0029B	09/19/2001		0.10	0.42	0.054	0.14	1.9	1.6	1.3	0.86	0.47	0.14
SW28	MA0029C	09/19/2001		0.85	1.0	0.17	0.82	2.2	2.7	1.8	1.7	0.71	0.18
SW28	MA0029D	09/19/2001		0.087 *J*	0.34	0.045	0.10 *J*	1.6	1.4	1.1	0.73	0.39	0.12
SW28	MA0029E	09/19/2001		0.077 *J*	0.43	0.056	0.13	1.9	1.6	1.3	0.87	0.48	0.14

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
Lobster (whole body)													
Reference													
2230	BI0090	10/02/2002	1	0.011 *U*	0.63	0.63	0.17	0.22	0.10	0.11	0.45	0.011 *U*	0.15
2230	BI0091	10/02/2002	2	0.012 *U*	0.68	0.31	0.085	0.098	0.039	0.088	0.19	0.012 *U*	0.12
2230	BI0092	10/02/2002	3	0.011 *U*	0.46	0.53	0.16	0.17	0.073	0.10	0.34	0.011 *U*	0.16
2230	BI0093	10/02/2002	4	0.011	0.85	0.59	0.13	0.15	0.11	0.12	0.34	0.010 *U*	0.18
2230	BI0094	10/02/2002	5	0.011 *U*	0.52	0.24	0.062	0.068	0.032	0.078	0.15	0.011 *U*	0.10
NASSCO													
NSCO-Lob	BI0058	09/26/2002	1	0.011 *U*	0.52	0.28	0.044	0.049	0.031	0.096	0.11	0.011 *U*	0.11
NSCO-Lob	BI0059	09/27/2002	2	0.012 *U*	0.69	1.3	0.60	0.49	0.14	0.14	1.4	0.012 *U*	0.17
NSCO-Lob	BI0060	09/27/2002	3	0.012 *U*	0.40	0.52	0.16	0.17	0.050	0.074	0.43	0.012 *U*	0.093
NSCO-Lob	BI0061	09/27/2002	4	0.012 *U*	0.59	0.71	0.17	0.14	0.045	0.14	0.40	0.012 *U*	0.15
NSCO-Lob	BI0062	09/27/2002	5	0.019	1.3	4.4	2.9	1.7	0.78	0.20	5.5	0.13	0.24
NSCO-Lob	BI0063	09/28/2002	6	0.014	1.3	0.74	0.23	0.19	0.076	0.27	0.54	0.012 *U*	0.28
NSCO-Lob	BI0064	09/28/2002	7	0.011 *U*	0.72	1.2	0.78	0.36	0.20	0.11	1.2	0.022	0.17
Southwest Marine													
SWM-Lob	BI0075	09/29/2002	1	0.013	0.61	1.4	0.37	0.46	0.29	0.12	1.0	0.012	0.21
SWM-Lob	BI0076	09/29/2002	2	0.011 *U*	0.50	0.83	0.17	0.18	0.12	0.11	0.38	0.011 *U*	0.15
SWM-Lob	BI0077	09/29/2002	3	0.012	0.75	1.3	0.12	0.069	0.12	0.13	0.16	0.011 *U*	0.20
SWM-Lob	BI0078	09/29/2002	4	0.011 *U*	0.54	0.59	0.085	0.21	0.065	0.13	0.32	0.011 *U*	0.17
SWM-Lob	BI0079	09/29/2002	5	0.020	0.99	1.4	0.22	0.20	0.073	0.24	0.42	0.011 *U*	0.33
Lobster (edible tissue)													
Reference													
2230	BI0085	10/02/2002	1	0.011 *U*	0.16	0.15	0.033	0.049	0.038	0.024	0.11	0.011 *U*	0.049
2230	BI0086	10/02/2002	2	0.011 *U*	0.13	0.030	0.011 *U*	0.011 *U*	0.011 *U*	0.015	0.011 *U*	0.011 *U*	0.014
2230	BI0087	10/02/2002	3	0.010 *U*	0.099	0.14	0.044	0.034	0.028	0.021	0.077	0.010 *U*	0.028
2230	BI0088	10/02/2002	4	0.010 *U*	0.15	0.15	0.014	0.056	0.044	0.039	0.075	0.010 *U*	0.051
2230	BI0089	10/02/2002	5	0.0097 *U*	0.11	0.065	0.015	0.020	0.016	0.014	0.046	0.0097 *U*	0.018
NASSCO													
NSCO-Lob	BI0004	09/08/2002	1	0.014 *U*	0.18	0.19	0.032	0.043	0.028	0.031	0.10	0.014 *U*	0.040
NSCO-Lob	BI0005	09/08/2002	2	0.011 *U*	0.11	0.080	0.017	0.016	0.014	0.021	0.038	0.011 *U*	0.027
NSCO-Lob	BI0009	09/20/2002	3	0.011 *U*	0.12	0.17	0.024	0.061	0.020	0.034	0.11	0.011 *U*	0.069
NSCO-Lob	BI0010	09/20/2002	4	0.013 *U*	0.17	0.085	0.015	0.018	0.013 *U*	0.040	0.036	0.013 *U*	0.040
Southwest Marine													
SWM-Lob	BI0001	08/27/2002	1	0.011 *U*	0.089	0.16	0.034	0.043	0.040	0.016	0.11	0.011 *U*	0.026
SWM-Lob	BI0002	08/27/2002	2	0.011 *U*	0.15	0.19	0.030	0.041	0.028	0.027	0.080	0.011 *U*	0.037
SWM-Lob	BI0003	08/27/2002	3	0.012 *U*	0.14	0.22	0.073	0.057	0.042	0.012 *U*	0.13	0.012 *U*	0.071
SWM-Lob	BI0073	09/29/2002	4	0.012 *U*	0.23	0.61	0.080	0.042	0.052	0.044	0.12	0.012 *U*	0.062
SWM-Lob	BI0074	09/29/2002	5	0.011 *U*	0.17	0.13	0.013	0.022	0.011 *U*	0.034	0.053	0.011 *U*	0.030
Spotted sand bass (whole body)													
Reference													
2240	BI0048	09/27/2002	1	0.062	2.1	21	27	12	1.5	0.55	40	0.35	0.42
2240	BI0049	09/27/2002	2	0.040	2.2	23	38	9.4	3.0	0.25	42	1.3	0.50
2240	BI0050	09/27/2002	3	0.079	3.6	32	37	11	6.4	0.28	43	1.4	0.62
2240	BI0051	09/27/2002	4	0.035	1.9	19	30	7.8	2.8	0.19	33	0.58	0.43
2240	BI0052	09/27/2002	5	0.100	5.3	39	50	18	6.7	0.52	68	2.1	0.89

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
NASSCO													
NAFI01	BI0028	09/26/2002	1	0.30	13	87	84	24	11	1.2	96	3.0	1.5
NAFI01	BI0029	09/26/2002	2	0.27	13	75	82	26	12	1.2	100	3.0	1.2
NAFI01	BI0030	09/26/2002	3	0.049	2.8	18	26	8.1	2.5	0.30	31	0.52	0.26
NAFI01	BI0031	09/26/2002	4	0.096	5.3	39	50	21	6.0	0.88	74	2.2	0.61
NAFI01	BI0032	09/26/2002	5	0.058	3.3	23	27	10	2.7	0.38	37	0.54	0.36
NAFI02	BI0065	09/28/2002	1	0.053	2.2	21	30	16	2.6	0.60	53	1.3	0.45
NAFI02	BI0066	09/28/2002	2	0.10	4.5	32	36	9.5	8.1	0.33	41	1.3	0.50
NAFI02	BI0067	09/28/2002	3	0.067	3.0	28	31	15	3.3	0.58	50	1.5	0.58
NAFI02	BI0068	09/28/2002	4	0.047	2.0	15	20	7.3	2.8	0.25	26	0.80	0.33
NAFI02	BI0080	09/29/2002	5	0.038	3.0	26	37	17	1.4	0.64	59	0.72	0.85
Southwest Marine													
SWFI01	BI0019	09/25/2002	1	0.081	4.0	29	41	8.9	5.1	0.22	40	1.8	0.60
SWFI01	BI0020	09/25/2002	2	0.035	2.0	15	16	7.0	1.8	0.32	25	0.22	0.24
SWFI01	BI0021	09/25/2002	3	0.063	3.6	27	32	11	2.9	0.42	42	1.4	0.39
SWFI01	BI0022	09/25/2002	4	0.16	7.8	46	50	19	9.6	0.56	71	1.6	0.89
SWFI01	BI0023	09/25/2002	5	0.12	4.7	26	24	8.4	7.4	0.36	29	0.99	0.46
SWFI02	BI0038	09/27/2002	1	0.056	2.3	19	26	10	3.3	0.32	35	0.76	0.50
SWFI02	BI0039	09/27/2002	2	0.19	6.9	48	50	24	12	0.96	74	2.8	0.86
SWFI02	BI0040	09/27/2002	3	0.13	5.0	41	52	19	7.4	0.67	66	2.3	0.77
SWFI02	BI0041	09/27/2002	4	0.15	4.7	32	32	16	7.0	0.52	50	1.3	1.00
SWFI02	BI0042	09/27/2002	5	0.059	1.9	19	20	9.6	2.3	0.39	32	0.98	0.60
Spotted sand bass (fillet)													
Reference													
2240	BI0043	09/27/2002	1	0.017	1.0	8.4	9.3	2.4	1.0	0.075	11	0.42	0.068
2240	BI0044	09/27/2002	2	0.010 *U*	0.083	0.71	0.89	0.22	0.080	0.010 *U*	1.0	0.012	0.011
2240	BI0045	09/27/2002	3	0.013 *U*	0.42	2.9	4.1	0.99	0.41	0.023	4.4	0.056	0.054
2240	BI0046	09/27/2002	4	0.013 *U*	0.36	2.3	3.0	0.81	0.32	0.017	3.3	0.040	0.029
2240	BI0047	09/27/2002	5	0.012	0.63	5.1	6.6	2.3	0.88	0.066	8.9	0.21	0.085
NASSCO													
NAFI01	BI0013	09/26/2002	1	0.012 *U*	0.32	1.9	1.2	0.59	0.38	0.022	2.0	0.032	0.026
NAFI01	BI0024	09/26/2002	2	0.015	0.56	3.4	2.5	1.3	0.55	0.049	4.0	0.053	0.057
NAFI01	BI0025	09/26/2002	3	0.019	0.84	5.9	4.7	2.6	1.3	0.090	7.4	0.19	0.097
NAFI01	BI0026	09/26/2002	4	0.0100 *U*	0.34	3.2	4.0	1.8	0.14	0.069	5.9	0.14	0.073
NAFI01	BI0027	09/26/2002	5	0.012 *U*	0.12	1.0	1.3	0.42	0.17	0.014	1.5	0.032	0.015
NAFI02	BI0053	09/27/2002	1	0.017	0.83	7.3	11	3.4	1.3	0.085	13	0.46	0.15
NAFI02	BI0054	09/27/2002	2	0.012 *U*	0.35	3.7	4.9	2.0	0.53	0.068	6.9	0.16	0.069
NAFI02	BI0055	09/27/2002	3	0.012 *U*	0.59	4.6	7.0	2.6	0.80	0.068	9.1	0.27	0.096
NAFI02	BI0056	09/27/2002	4	0.012 *U*	0.37	3.0	3.7	0.96	0.65	0.025	3.7	0.11	0.033
NAFI02	BI0057	09/28/2002	5	0.018	0.72	6.1	6.9	2.2	1.2	0.063	8.5	0.24	0.093
Southwest Marine													
SWFI01	BI0014	09/25/2002	1	0.013 *U*	0.42	3.2	2.9	1.4	0.38	0.048	4.6	0.096	0.061
SWFI01	BI0015	09/25/2002	2	0.036	1.3	15	11	3.2	1.3	0.16	13	0.53	0.16
SWFI01	BI0016	09/25/2002	3	0.012 *U*	0.36	2.6	3.2	1.0	0.52	0.044	3.3	0.17	0.036
SWFI01	BI0017	09/25/2002	4	0.021	1.0	18	24	3.8	1.0	0.18	14	3.1	0.13
SWFI01	BI0018	09/25/2002	5	0.038	1.4	14	11	5.3	1.9	0.22	17	0.49	0.26
SWFI02	BI0033	09/27/2002	1	0.015	0.76	6.8	12	3.3	0.96	0.085	14	0.37	0.088

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
SWFI02	BI0034	09/27/2002	2	0.013 *U*	0.28	2.5	3.9	1.3	0.40	0.056	4.8	0.14	0.069
SWFI02	BI0035	09/27/2002	3	0.012 *U*	0.096	1.0	1.9	0.63	0.14	0.023	2.5	0.058	0.036
SWFI02	BI0036	09/27/2002	4	0.013 *U*	0.64	5.9	9.6	2.7	0.87	0.058	11	0.40	0.12
SWFI02	BI0037	09/27/2002	5	0.012 *U*	0.38	3.4	5.1	1.6	0.50	0.053	5.9	0.17	0.063
Forage fish (whole body)													
Reference													
2240	BI0071-1	09/28/2002	1	0.12	4.8	31	20	5.0	11	0.19	21	1.1	0.39
2240	BI0071-2	09/28/2002	2	0.11	5.2	28	22	4.1	10	0.15	19	1.1	0.32
2240	BI0071-3	09/28/2002	3	0.15	6.4	35	27	4.9	12	0.18	23	1.4	0.40
NASSCO													
NAFI01	BI0081	09/29/2002		0.19	7.1	44	26	6.9	16	0.21	28	1.6	0.48
NAFI02	BI0070-1	09/28/2002	1	0.19	7.8	50	29	8.5	18	0.25	32	1.8	0.55
NAFI02	BI0070-2	09/28/2002	2	0.16	6.9	44	26	7.5	16	0.27	29	1.6	0.49
NAFI02	BI0070-3	09/29/2002	3	0.20	7.7	49	29	8.2	17	0.32	32	1.8	0.56
NAFI02	BI0070-4	09/29/2002	4	0.19	6.9	44	26	7.2	16	0.22	29	1.6	0.50
Southwest Marine													
SWFI01	BI0083-1	10/01/2002	1	0.37	14	57	42	14	24	0.66	51	2.6	1.1
SWFI01	BI0083-2	10/01/2002	2	0.42	15	61	43	15	27	0.73	53	2.5	1.1
SWFI01	BI0083-3	10/01/2002	3	0.39	14	60	44	15	25	0.65	52	2.6	1.1
SWFI02	BI0069	09/28/2002		0.17	6.3	40	23	7.6	15	0.13	28	1.4	0.38
Mussel (soft tissue)													
Reference													
2240	BI0008	09/16/2002		0.038	0.81	5.9	4.1	0.94	2.3	0.018	4.2	0.19	0.078
NASSCO													
NA19	BI0006	09/16/2002		0.073	1.7	8.0	4.6	1.7	4.1	0.058	5.8	0.26	0.12
NA24	BI0012	09/23/2002		0.089	2.1	11	6.1	2.1	5.2	0.073	7.4	0.38	0.14
Southwest Marine													
SW18	BI0007	09/16/2002		0.094	2.0	9.9	5.9	2.1	5.1	0.058	7.2	0.37	0.14
SW27	BI0011	09/23/2002		0.11	2.3	12	6.7	2.3	5.8	0.077	8.3	0.43	0.15
Eelgrass													
Reference													
2240-EG	BI0095	10/02/2002		0.010 *U*	0.051	0.27	0.19	0.058	0.12	0.010 *U*	0.19	0.010 *U*	0.010 *U*
NASSCO													
NA-EG-1	BI0084	10/02/2002		0.013	0.37	1.1	0.54	0.33	0.67	0.018	0.79	0.032	0.018
Southwest Marine													
SW-EG-1	BI0082	10/01/2002		0.010 *U*	0.25	0.78	0.36	0.27	0.46	0.013	0.62	0.023	0.013
***Macoma* tissue for bioaccumulation tests**													
Control													
CONTROL	ControlA	09/19/2001		0.011 *U*	0.011 *U*	0.034	0.015	0.011 *U*	0.015	0.011 *U*	0.016	0.011 *U*	0.011 *U*
CONTROL	ControlB	09/19/2001		0.011 *U*	0.011 *U*	0.027	0.016	0.012	0.015	0.011 *U*	0.022	0.011 *U*	0.011 *U*
CONTROL	ControlC	09/19/2001		0.010	0.020 *U*	0.045 *U*	0.025 *U*	0.036 *J*	0.022 *U*	0.013	0.064 *U*	0.011 *U*	0.020
CONTROL	ControlD	09/19/2001		0.034	1.5	5.0	3.2	1.0	2.7	0.038	3.5	0.28	0.032
CONTROL	ControlE	09/19/2001		0.011 *U*	0.011 *U*	0.030 *U*	0.017 *U*	0.011 *U*	0.017 *U*	0.011 *U*	0.018 *U*	0.011 *U*	0.011 *U*
Reference													
2441	MA0034A	10/06/2001		0.011 *U*	0.11	0.45	0.31	0.14	0.22	0.011 *U*	0.47	0.017	0.011 *U*
2441	MA0034B	10/06/2001		0.011 *U*	0.12	0.46	0.33	0.14	0.23	0.011 *U*	0.47	0.018	0.011 *U*
2441	MA0034C	10/06/2001		0.012 *U*	0.11	0.42	0.31	0.13	0.22	0.012 *U*	0.45	0.017	0.012 *U*

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
2441	MA0034D	10/06/2001		0.011 *U*	0.15	0.54	0.40	0.15	0.28	0.011 *U*	0.50	0.019	0.011 *U*
2441	MA0034E	10/06/2001		0.013 *U*	0.10	0.39	0.27	0.12	0.19	0.013 *U*	0.40	0.015	0.013 *U*
2433	MA0041A	09/19/2001		0.011 *U*	0.28	1.1	0.81	0.29	0.58	0.011 *U*	0.92	0.041	0.011 *U*
2433	MA0041B	09/19/2001		0.014 *U*	0.34	1.3	0.97	0.37	0.70	0.014 *U*	1.2	0.054	0.017
2433	MA0041C	09/19/2001		0.011 *U*	0.25	0.95	0.72	0.24	0.53	0.011 *U*	0.78	0.036	0.011 *U*
2433	MA0041D	09/19/2001		0.011 *U*	0.34	1.3	0.95	0.32	0.69	0.011 *U*	1.0	0.051	0.013
2433	MA0041E	09/19/2001		0.011 *U*	0.31	1.1	0.87	0.37	0.65	0.011 *U*	1.0	0.047	0.011 *U*
2440	MA0043A	09/19/2001		0.020	0.98	3.5	2.3	0.69	1.9	0.032	2.3	0.21	0.048
2440	MA0043B	09/19/2001		0.022	0.96	2.5	1.3	0.70	1.6	0.023	1.9	0.074	0.011 *U*
2440	MA0043C	09/19/2001		0.016	0.70	1.7	0.93	0.55	1.2	0.020	1.4	0.039	0.011 *U*
2440	MA0043D	09/19/2001		0.020	0.91	2.3	1.2	0.65	1.5	0.025	1.8	0.060	0.011 *U*
2440	MA0043E	09/19/2001		0.024	0.87	2.2	1.2	0.66	1.5	0.026	1.9	0.063	0.017
2231	MA0013A	09/19/2001		0.018	0.40	1.2	0.95	0.39	0.89	0.012	1.3	0.070	0.027
2231	MA0013B	09/19/2001		0.013 *U*	0.42	1.4	1.0	0.43	0.92	0.013 *U*	1.5	0.074	0.017
2231	MA0013C	09/19/2001		0.011 *U*	0.31	0.97	0.77	0.31	0.72	0.011 *U*	0.95	0.053	0.011 *U*
2231	MA0013D	09/19/2001		0.011 *U*	0.32	0.97	0.80	0.28	0.73	0.031 *U*	0.96	0.053	0.013
2231	MA0013E	09/19/2001		0.011 *U*	0.27	0.86	0.68	0.26	0.64	0.032 *U*	0.82	0.049	0.012
2243	MA0049A	09/19/2001		0.011 *U*	0.26	1.3	1.1	0.26	0.60	0.011 *U*	1.1	0.048	0.013
2243	MA0049B	09/19/2001		0.011 *U*	0.29	1.5	1.4	0.32	0.69	0.011 *U*	1.4	0.059	0.012
2243	MA0049C	09/19/2001		0.010 *U*	0.27	1.4	1.3	0.26	0.64	0.010 *U*	1.2	0.058	0.010 *U*
2243	MA0049D	09/19/2001		0.011 *U*	0.011 *U*	0.029	0.014	0.011 *U*	0.013	0.011 *U*	0.016	0.011 *U*	0.011 *U*
2243	MA0049E	09/19/2001		0.011 *U*	0.29	1.4	1.3	0.28	0.71	0.011 *U*	1.1	0.058	0.011 *U*
NASSCO													
NA06	MA0020A	09/19/2001		0.054	2.1	6.0	3.7	1.6	4.0	0.062	4.9	0.21	0.048
NA06	MA0020B	09/19/2001		0.034	1.5	4.4	2.7	1.1	2.9	0.042	3.5	0.15	0.039
NA06	MA0020C	09/19/2001		0.020	0.91	2.2	1.2	0.73	1.5	0.034	1.9	0.061	0.038
NA06	MA0020D	09/19/2001		0.053	2.7	7.8	4.6	2.0	5.0	0.067	6.0	0.26	0.052
NA06	MA0020E	09/19/2001		0.049	2.2	6.4	3.9	1.6	4.1	0.067	4.9	0.21	0.049
NA11	MA0021A	09/19/2001		0.025	1.0	2.9	1.6	0.83	2.0	0.011 *U*	2.3	0.096	0.011 *U*
NA11	MA0021B	09/19/2001		0.020	0.91	2.5	1.4	0.68	1.7	0.024	2.0	0.086	0.020
NA11	MA0021C	09/19/2001		0.027	0.81	2.3	1.3	0.62	1.6	0.023	1.7	0.077	0.026
NA11	MA0021D	09/19/2001		0.022	1.0	2.9	1.7	0.83	2.0	0.032	2.3	0.089	0.018
NA11	MA0021E	09/19/2001		0.030	0.96	2.7	1.5	0.78	1.8	0.026	2.2	0.093	0.030
NA12	MA0027A	09/19/2001		0.013	0.50	1.6	1.1	0.42	1.1	0.016	1.4	0.061	0.026
NA12	MA0027B	09/19/2001		0.011 *U*	0.48	1.5	0.98	0.41	1.0	0.011 *U*	1.2	0.060	0.011
NA12	MA0027C	09/19/2001		0.014	0.58	1.7	1.1	0.50	1.2	0.018	1.5	0.068	0.015
NA12	MA0027D	09/19/2001		0.026	0.71	2.3	1.5	0.61	1.5	0.022	2.0	0.088	0.029
NA12	MA0027E	09/19/2001		0.012	0.56	1.7	1.1	0.45	1.2	0.011 *U*	1.3	0.068	0.013
NA20	MA0028A	09/19/2001		0.027	1.0	2.7	1.3	0.60	1.7	0.026	1.8	0.075	0.022
NA20	MA0028B	09/19/2001		0.019	0.68	1.8	0.85	0.41	1.1	0.020	1.3	0.047	0.014
NA20	MA0028CE	09/19/2001		0.013	0.52	1.4	0.66	0.33	0.85	0.014	0.98	0.039	0.011 *U*
NA20	MA0028D	09/19/2001		0.021	0.92	2.4	1.2	0.58	1.5	0.026	1.7	0.064	0.016
Southwest Marine													
SW04	MA0012A	09/19/2001		0.22	8.6	21	11	5.5	14	0.24	15	0.62	0.19
SW04	MA0012B	09/19/2001		0.18	7.7	18	9.1	4.8	11	0.21	13	0.49	0.088
SW04	MA0012C	09/19/2001		0.011 *U*	0.28	1.4	1.3	0.30	0.66	0.011 *U*	1.3	0.057	0.012
SW04	MA0012D	09/19/2001		0.14	6.1	15	7.4	3.7	9.4	0.19	10	0.41	0.11

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 81	87	90 and 101	99	105	110	114	118	119	123
SW04	MA0012E	09/19/2001		0.18	9.7	21	11	5.3	15	0.24	15	0.61	0.15
SW08	MA0016A	09/19/2001		0.10	4.2	11	6.5	2.9	6.8	0.11	8.9	0.40	0.10
SW08	MA0016B	09/19/2001		0.10	4.0	11	6.3	3.0	6.5	0.12	8.6	0.35	0.064
SW08	MA0016C	09/19/2001		0.064	3.5	9.3	5.5	2.4	5.7	0.12	7.4	0.33	0.010 *U*
SW08	MA0016D	09/19/2001		0.11	5.3	15	8.6	3.7	8.9	0.16	12	0.52	0.14
SW08	MA0016E	09/19/2001		0.080	3.6	9.9	5.7	2.5	6.1	0.098	7.8	0.35	0.083
SW13	MA0022A	09/19/2001		0.020	0.69	2.4	1.5	0.49	1.3	0.016	1.6	0.13	0.014
SW13	MA0022B	09/19/2001		0.022	1.1	3.1	1.8	0.85	2.1	0.035	2.3	0.10	0.016
SW13	MA0022C	09/19/2001		0.029	1.4	4.8	3.1	0.91	2.7	0.027	2.8	0.27	0.028
SW13	MA0022D	09/19/2001		0.20	8.1	19	9.9	5.0	13	0.25	15	0.59	0.16
SW13	MA0022E	09/19/2001		0.027	1.1	3.9	2.4	0.77	2.1	0.031	2.5	0.22	0.025
SW21	MA0019A	09/19/2001		0.052	2.7	16	12	1.2	5.0	0.011 *U*	4.8	1.8	0.011 *U*
SW21	MA0019B	09/19/2001		0.061	3.4	19	15	1.6	6.4	0.011 *U*	5.5	2.2	0.011 *U*
SW21	MA0019C	09/19/2001		0.051	3.4	19	15	1.6	6.3	0.011 *U*	5.5	2.1	0.011 *U*
SW21	MA0019D	09/19/2001		0.061	3.1	18	14	1.5	5.8	0.032	5.4	2.0	0.048
SW21	MA0019E	09/19/2001		0.036	2.1	12	9.6	0.94	4.0	0.045	3.7	1.3	0.025
SW28	MA0029A	09/19/2001		0.044	2.2	13	4.4	1.1	4.9	0.040	4.7	0.42	0.052
SW28	MA0029B	09/19/2001		0.055	2.1	13	4.2	1.1	4.8	0.036	4.6	0.39	0.032
SW28	MA0029C	09/19/2001		0.077	3.3	15	4.9	1.8	6.4	0.080	5.8	0.37	0.028
SW28	MA0029D	09/19/2001		0.036	1.9	11	3.6	0.94	4.2	0.030	3.9	0.33	0.029
SW28	MA0029E	09/19/2001		0.058	2.2	13	4.1	1.1	4.9	0.037	4.5	0.39	0.039

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
Lobster (whole body)													
Reference													
2230	BI0090	10/02/2002	1	0.063	0.19	8.4	0.43	0.12	1.3	0.97	0.28	0.031	0.73
2230	BI0091	10/02/2002	2	0.070	0.18	7.4	0.13	0.034	0.50	1.0	0.25	0.018	0.53
2230	BI0092	10/02/2002	3	0.047	0.16	6.3	0.27	0.082	0.97	0.78	0.22	0.027	0.50
2230	BI0093	10/02/2002	4	0.075	0.24	12	0.44	0.062	0.90	1.8	0.48	0.023	1.1
2230	BI0094	10/02/2002	5	0.054	0.15	6.5	0.089	0.022	0.33	0.91	0.23	0.011 *U*	0.44
NASSCO													
NSCO-Lob	BI0058	09/26/2002	1	0.050	0.16	7.1	0.068	0.021	0.27	1.1	0.26	0.015	0.42
NSCO-Lob	BI0059	09/27/2002	2	0.064	0.31	8.9	0.48	0.16	4.7	1.3	0.34	0.12	0.76
NSCO-Lob	BI0060	09/27/2002	3	0.039	0.14	5.6	0.20	0.079	1.7	0.75	0.20	0.034	0.44
NSCO-Lob	BI0061	09/27/2002	4	0.025	0.19	9.0	0.31	0.11	1.7	1.3	0.23	0.030	0.67
NSCO-Lob	BI0062	09/27/2002	5	0.087	1.3	19	1.8	0.76	18	2.1	0.57	0.59	1.2
NSCO-Lob	BI0063	09/28/2002	6	0.13	0.31	14	0.33	0.055	1.5	2.2	0.52	0.043	1.3
NSCO-Lob	BI0064	09/28/2002	7	0.064	0.38	9.7	0.78	0.16	3.5	1.1	0.30	0.093	0.80
Southwest Marine													
SWM-Lob	BI0075	09/29/2002	1	0.061	0.21	7.4	1.1	0.24	2.7	1.0	0.27	0.062	0.79
SWM-Lob	BI0076	09/29/2002	2	0.048	0.14	6.3	0.83	0.15	1.7	0.88	0.22	0.024	0.63
SWM-Lob	BI0077	09/29/2002	3	0.076	0.22	12	0.66	0.17	0.98	1.5	0.39	0.032	1.0
SWM-Lob	BI0078	09/29/2002	4	0.055	0.14	5.8	0.46	0.081	0.96	0.96	0.27	0.022	0.62
SWM-Lob	BI0079	09/29/2002	5	0.088	0.20	8.2	0.43	0.30	2.1	1.5	0.39	0.039	0.96
Lobster (edible tissue)													
Reference													
2230	BI0085	10/02/2002	1	0.016	0.042	1.9	0.21	0.017	0.22	0.26	0.061	0.011 *U*	0.20
2230	BI0086	10/02/2002	2	0.012	0.032	1.8	0.014	0.011 *U*	0.011 *U*	0.23	0.054	0.011 *U*	0.083
2230	BI0087	10/02/2002	3	0.010 *U*	0.031	1.2	0.13	0.036	0.17	0.15	0.039	0.010 *U*	0.089
2230	BI0088	10/02/2002	4	0.010	0.033	1.8	0.30	0.030	0.13	0.27	0.071	0.010 *U*	0.11
2230	BI0089	10/02/2002	5	0.0098	0.030	1.5	0.13	0.011	0.094	0.21	0.053	0.0097 *U*	0.10
NASSCO													
NSCO-Lob	BI0004	09/08/2002	1	0.014 *U*	0.037	2.1	0.048	0.018	0.17	0.37	0.072	0.014 *U*	0.15
NSCO-Lob	BI0005	09/08/2002	2	0.011 *U*	0.025	1.2	0.027	0.011 *U*	0.051	0.19	0.040	0.011 *U*	0.080
NSCO-Lob	BI0009	09/20/2002	3	0.011 *U*	0.034	1.6	0.13	0.013	0.22	0.22	0.053	0.011 *U*	0.15
NSCO-Lob	BI0010	09/20/2002	4	0.017	0.037	2.1	0.051	0.013 *U*	0.077	0.38	0.076	0.013 *U*	0.16
Southwest Marine													
SWM-Lob	BI0001	08/27/2002	1	0.011 *U*	0.022	1.1	0.21	0.026	0.24	0.13	0.036	0.011 *U*	0.087
SWM-Lob	BI0002	08/27/2002	2	0.013	0.036	2.0	0.17	0.039	0.22	0.29	0.072	0.011 *U*	0.17
SWM-Lob	BI0003	08/27/2002	3	0.012 *U*	0.036	1.6	0.19	0.033	0.25	0.22	0.060	0.012 *U*	0.15
SWM-Lob	BI0073	09/29/2002	4	0.017	0.048	3.6	0.44	0.12	0.45	0.44	0.085	0.012 *U*	0.23
SWM-Lob	BI0074	09/29/2002	5	0.016	0.032	2.3	0.20	0.017	0.13	0.32	0.071	0.011 *U*	0.16
Spotted sand bass (whole body)													
Reference													
2240	BI0048	09/27/2002	1	0.093	9.9	68	9.0	2.4	99	4.4	1.2	3.7	2.2
2240	BI0049	09/27/2002	2	0.10	11	68	10	2.5	110	2.4	0.88	2.9	2.2
2240	BI0050	09/27/2002	3	0.16	13	94	22	6.7	130	3.5	1.3	3.8	2.9
2240	BI0051	09/27/2002	4	0.11	9.2	62	12	2.1	110	2.5	0.95	2.6	2.2
2240	BI0052	09/27/2002	5	0.21	19	130	22	7.8	170	5.4	1.8	5.8	4.0

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
NASSCO													
NAFI01	BI0028	09/26/2002	1	0.29	26	170	36	11	240	10	2.5	12	7.2
NAFI01	BI0029	09/26/2002	2	0.20	30	190	27	8.1	280	12	3.2	15	7.0
NAFI01	BI0030	09/26/2002	3	0.060	7.8	59	11	2.7	92	3.4	0.92	3.8	1.7
NAFI01	BI0031	09/26/2002	4	0.15	20	120	11	3.9	180	8.6	2.3	9.2	4.1
NAFI01	BI0032	09/26/2002	5	0.079	9.4	69	9.0	3.7	100	4.1	1.2	4.9	2.3
NAFI02	BI0065	09/28/2002	1	0.12	18	110	11	3.1	180	7.6	2.0	8.1	3.5
NAFI02	BI0066	09/28/2002	2	0.14	11	85	18	6.2	140	3.5	1.2	3.9	2.5
NAFI02	BI0067	09/28/2002	3	0.14	14	99	9.9	3.7	140	6.0	1.8	6.2	3.6
NAFI02	BI0068	09/28/2002	4	0.093	8.6	54	8.2	2.7	96	2.7	0.85	2.8	1.9
NAFI02	BI0080	09/29/2002	5	0.20	18	110	11	3.0	170	6.3	1.9	6.9	4.8
Southwest Marine													
SWFI01	BI0019	09/25/2002	1	0.11	9.6	69	16	4.9	100	2.6	0.87	3.0	2.3
SWFI01	BI0020	09/25/2002	2	0.053	5.4	35	3.5	1.2	55	2.9	0.71	3.0	1.4
SWFI01	BI0021	09/25/2002	3	0.098	11	89	15	5.6	140	5.7	1.2	6.0	3.1
SWFI01	BI0022	09/25/2002	4	0.18	14	100	21	8.0	140	5.0	1.5	5.6	3.8
SWFI01	BI0023	09/25/2002	5	0.056	5.4	37	9.9	3.1	53	2.1	0.54	2.1	1.2
SWFI02	BI0038	09/27/2002	1	0.12	9.5	60	10	2.1	95	2.9	0.94	3.3	2.2
SWFI02	BI0039	09/27/2002	2	0.22	19	130	21	7.1	170	7.0	2.1	8.3	4.1
SWFI02	BI0040	09/27/2002	3	0.19	18	120	20	6.8	180	5.8	1.8	6.6	3.7
SWFI02	BI0041	09/27/2002	4	0.24	11	75	19	5.4	98	3.7	1.1	3.9	3.2
SWFI02	BI0042	09/27/2002	5	0.14	9.6	65	9.0	1.8	98	4.1	1.1	4.3	3.1
Spotted sand bass (fillet)													
Reference													
2240	BI0043	09/27/2002	1	0.015	3.1	22	3.3	1.2	32	1.0	0.30	1.1	0.57
2240	BI0044	09/27/2002	2	0.010 *U*	0.26	2.1	0.42	0.099	3.1	0.087	0.026	0.095	0.056
2240	BI0045	09/27/2002	3	0.013 *U*	1.2	9.5	2.3	0.63	13	0.37	0.12	0.39	0.27
2240	BI0046	09/27/2002	4	0.013 *U*	0.90	6.7	1.7	0.51	9.5	0.27	0.081	0.30	0.18
2240	BI0047	09/27/2002	5	0.021	2.8	20	3.7	1.2	29	0.86	0.26	0.92	0.55
NASSCO													
NAFI01	BI0013	09/26/2002	1	0.012 *U*	0.50	4.0	1.2	0.51	5.6	0.22	0.061	0.24	0.14
NAFI01	BI0024	09/26/2002	2	0.014	1.0	7.2	1.7	0.68	9.7	0.41	0.12	0.43	0.28
NAFI01	BI0025	09/26/2002	3	0.028	1.7	11	2.0	0.74	12	0.59	0.19	0.62	0.36
NAFI01	BI0026	09/26/2002	4	0.019	1.6	9.6	1.1	0.33	16	0.62	0.17	0.71	0.41
NAFI01	BI0027	09/26/2002	5	0.012 *U*	0.39	2.7	0.40	0.10	4.3	0.13	0.044	0.16	0.077
NAFI02	BI0053	09/27/2002	1	0.041	4.0	27	3.9	0.99	45	1.2	0.40	1.2	0.91
NAFI02	BI0054	09/27/2002	2	0.015	2.1	13	1.6	0.27	22	0.68	0.21	0.77	0.42
NAFI02	BI0055	09/27/2002	3	0.022	2.7	18	2.3	0.59	27	0.82	0.29	0.94	0.54
NAFI02	BI0056	09/27/2002	4	0.012 *U*	1.0	8.2	2.0	0.59	13	0.30	0.11	0.33	0.21
NAFI02	BI0057	09/28/2002	5	0.023	2.5	18	3.9	1.1	27	0.70	0.23	0.77	0.54
Southwest Marine													
SWFI01	BI0014	09/25/2002	1	0.015	1.1	8.2	1.5	0.55	12	0.44	0.12	0.42	0.31
SWFI01	BI0015	09/25/2002	2	0.041	4.3	42	6.9	2.0	67	2.7	0.42	3.3	1.3
SWFI01	BI0016	09/25/2002	3	0.012 *U*	0.87	7.0	1.2	0.53	14	0.45	0.095	0.56	0.21
SWFI01	BI0017	09/25/2002	4	0.028	3.8	42	9.1	4.7	110	2.5	0.38	3.3	1.2
SWFI01	BI0018	09/25/2002	5	0.069	4.5	34	7.9	2.4	53	2.1	0.53	1.9	1.4
SWFI02	BI0033	09/27/2002	1	0.028	3.7	29	2.9	1.2	43	1.2	0.48	1.3	0.68

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
SWFI02	BI0034	09/27/2002	2	0.013 *U*	1.6	11	0.96	0.30	18	0.60	0.19	0.63	0.32
SWFI02	BI0035	09/27/2002	3	0.012 *U*	0.80	5.2	0.48	0.10	11	0.27	0.090	0.30	0.22
SWFI02	BI0036	09/27/2002	4	0.025	3.1	21	2.5	0.71	32	0.98	0.32	0.99	0.76
SWFI02	BI0037	09/27/2002	5	0.017	1.7	11	1.5	0.37	21	0.53	0.17	0.58	0.37
Forage fish (whole body)													
Reference													
2240	BI0071-1	09/28/2002	1	0.13	7.1	53	27	10	67	1.0	0.42	1.6	1.6
2240	BI0071-2	09/28/2002	2	0.10	6.0	45	26	10	59	0.97	0.37	1.5	1.4
2240	BI0071-3	09/28/2002	3	0.12	7.4	55	33	13	71	1.1	0.43	1.7	1.7
NASSCO													
NAFI01	BI0081	09/29/2002		0.10	8.6	67	40	14	79	1.5	0.52	2.1	1.8
NAFI02	BI0070-1	09/28/2002	1	0.13	10	79	43	14	94	1.9	0.65	2.7	2.1
NAFI02	BI0070-2	09/28/2002	2	0.12	9.0	71	39	13	84	1.7	0.58	2.5	1.8
NAFI02	BI0070-3	09/29/2002	3	0.13	9.5	73	41	14	88	1.8	0.62	2.5	2.0
NAFI02	BI0070-4	09/29/2002	4	0.11	9.1	71	38	13	85	1.7	0.58	2.3	1.9
Southwest Marine													
SWFI01	BI0083-1	10/01/2002	1	0.21	12	92	40	15	110	4.2	1.2	5.6	3.4
SWFI01	BI0083-2	10/01/2002	2	0.22	13	93	43	16	110	4.5	1.3	5.8	3.4
SWFI01	BI0083-3	10/01/2002	3	0.21	14	99	42	16	120	4.2	1.3	5.7	3.5
SWFI02	BI0069	09/28/2002		0.11	8.1	64	36	12	77	1.8	0.63	2.7	1.7
Mussel (soft tissue)													
Reference													
2240	BI0008	09/16/2002		0.021	1.3	9.4	7.3	2.0	13	0.20	0.065	0.24	0.31
NASSCO													
NA19	BI0006	09/16/2002		0.031	1.8	12	9.5	2.7	14	0.37	0.11	0.52	0.42
NA24	BI0012	09/23/2002		0.035	2.2	16	13	3.9	19	0.43	0.11	0.66	0.51
Southwest Marine													
SW18	BI0007	09/16/2002		0.034	2.1	14	11	3.2	17	0.39	0.091	0.58	0.46
SW27	BI0011	09/23/2002		0.037	2.4	17	14	4.0	20	0.45	0.12	0.66	0.56
Eelgrass													
Reference													
2240-EG	BI0095	10/02/2002		0.010 *U*	0.041	0.30	0.20	0.058	0.33	0.010 *U*	0.010 *U*	0.012	0.010 *U*
NASSCO													
NA-EG-1	BI0084	10/02/2002		0.010 *U*	0.19	1.2	0.74	0.21	1.0	0.075	0.019	0.081	0.041
Southwest Marine													
SW-EG-1	BI0082	10/01/2002		0.010 *U*	0.13	0.83	0.49	0.13	0.67	0.067	0.016	0.069	0.030
***Macoma* tissue for bioaccumulation tests**													
Control													
CONTROL	ControlA	09/19/2001		0.011 *U*	0.011 *U*	0.022	0.017	0.011 *U*	0.028	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
CONTROL	ControlB	09/19/2001		0.011 *U*	0.011 *U*	0.021	0.013	0.011 *U*	0.021	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
CONTROL	ControlC	09/19/2001		0.025 *U*	0.017 *U*	0.040 *U*	0.027 *U*	0.011 *U*	0.032 *J*	0.016 *U*	0.011 *U*	0.011 *U*	0.011 *U*
CONTROL	ControlD	09/19/2001		0.013	0.57	4.5	4.0	1.3	5.6	0.24	0.035	0.18	0.10
CONTROL	ControlE	09/19/2001		0.011 *U*	0.011 *U*	0.023 *U*	0.016 *U*	0.011 *U*	0.028 *J*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
Reference													
2441	MA0034A	10/06/2001		0.011 *U*	0.082	0.47	0.35	0.086	0.66	0.032	0.011 *U*	0.014	0.017
2441	MA0034B	10/06/2001		0.011 *U*	0.082	0.49	0.36	0.084	0.66	0.031	0.011 *U*	0.015	0.017
2441	MA0034C	10/06/2001		0.012 *U*	0.080	0.48	0.35	0.085	0.64	0.028	0.012 *U*	0.014	0.016

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
2441	MA0034D	10/06/2001		0.011 *U*	0.095	0.63	0.39	0.11	0.70	0.035	0.011 *U*	0.020	0.017
2441	MA0034E	10/06/2001		0.013 *U*	0.071	0.42	0.32	0.074	0.57	0.027	0.013 *U*	0.013 *U*	0.015
2433	MA0041A	09/19/2001		0.011 *U*	0.19	1.2	0.89	0.24	1.5	0.073	0.015	0.041	0.037
2433	MA0041B	09/19/2001		0.014 *U*	0.26	1.6	1.1	0.30	1.8	0.12	0.023	0.060	0.047
2433	MA0041C	09/19/2001		0.011 *U*	0.17	1.1	0.75	0.19	1.3	0.061	0.011	0.040	0.030
2433	MA0041D	09/19/2001		0.011 *U*	0.22	1.5	1.1	0.25	1.7	0.080	0.016	0.052	0.041
2433	MA0041E	09/19/2001		0.011 *U*	0.22	1.5	0.87	0.26	1.4	0.085	0.016	0.061	0.037
2440	MA0043A	09/19/2001		0.019	0.40	3.1	2.5	0.84	3.9	0.17	0.035	0.13	0.068
2440	MA0043B	09/19/2001		0.011 *U*	0.31	1.8	1.4	0.34	1.9	0.14	0.026	0.089	0.054
2440	MA0043C	09/19/2001		0.011 *U*	0.21	1.4	0.90	0.26	1.3	0.100	0.018	0.076	0.032
2440	MA0043D	09/19/2001		0.010	0.29	1.9	1.4	0.33	1.9	0.14	0.024	0.084	0.052
2440	MA0043E	09/19/2001		0.011 *U*	0.29	1.8	1.3	0.28	1.8	0.14	0.023	0.083	0.051
2231	MA0013A	09/19/2001		0.030 *U*	0.32	2.1	1.3	0.38	2.2	0.11	0.027	0.075	0.064
2231	MA0013B	09/19/2001		0.013 *U*	0.33	2.1	1.6	0.42	2.5	0.11	0.023	0.071	0.063
2231	MA0013C	09/19/2001		0.011 *U*	0.25	1.7	1.1	0.34	1.8	0.073	0.015	0.056	0.046
2231	MA0013D	09/19/2001		0.011 *U*	0.23	1.7	1.1	0.36	1.7	0.070	0.016	0.055	0.044
2231	MA0013E	09/19/2001		0.011 *U*	0.22	1.5	0.97	0.31	1.5	0.064	0.012	0.050	0.039
2243	MA0049A	09/19/2001		0.011 *U*	0.25	1.9	1.1	0.32	2.3	0.062	0.013	0.038	0.047
2243	MA0049B	09/19/2001		0.011 *U*	0.30	2.2	1.4	0.34	2.8	0.074	0.016	0.047	0.052
2243	MA0049C	09/19/2001		0.010 *U*	0.27	2.1	1.3	0.34	2.4	0.071	0.018	0.052	0.047
2243	MA0049D	09/19/2001		0.011 *U*	0.011 *U*	0.018	0.016	0.011 *U*	0.026	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
2243	MA0049E	09/19/2001		0.011 *U*	0.28	2.0	1.2	0.40	2.5	0.064 *J*	0.013	0.043	0.050 *J*
NASSCO													
NA06	MA0020A	09/19/2001		0.030 *U*	0.70	4.3	2.9	0.88	4.3	0.29	0.053	0.19	0.12
NA06	MA0020B	09/19/2001		0.011 *U*	0.48	3.1	2.3	0.62	3.2	0.19	0.033	0.13	0.079
NA06	MA0020C	09/19/2001		0.020	0.29	1.9	1.2	0.33	1.6	0.14	0.023	0.094	0.048
NA06	MA0020D	09/19/2001		0.019 *U*	0.87	5.6	4.0	1.1	5.4	0.35	0.055	0.24	0.15
NA06	MA0020E	09/19/2001		0.011 *U*	0.70	4.8	3.1	1.0	4.6	0.30	0.045	0.20	0.12
NA11	MA0021A	09/19/2001		0.011 *U*	0.44	2.8	2.1	0.53	2.9	0.19	0.034	0.13	0.075
NA11	MA0021B	09/19/2001		0.0092 *U*	0.36	2.4	1.9	0.53	2.6	0.14	0.022	0.097	0.061
NA11	MA0021C	09/19/2001		0.023 *U*	0.32	2.2	1.7	0.52	2.1	0.13	0.026	0.092	0.060
NA11	MA0021D	09/19/2001		0.010 *U*	0.43	3.1	2.1	0.64	3.0	0.17	0.037	0.13	0.062
NA11	MA0021E	09/19/2001		0.031 *U*	0.41	2.8	2.1	0.58	2.8	0.17	0.035	0.11	0.076
NA12	MA0027A	09/19/2001		0.010 *U*	0.28	2.0	1.4	0.41	2.1	0.11	0.029	0.079	0.060
NA12	MA0027B	09/19/2001		0.011 *U*	0.28	1.9	1.3	0.41	2.0	0.083	0.014	0.077	0.042
NA12	MA0027C	09/19/2001		0.011 *U*	0.33	2.1	1.5	0.44	2.2	0.11	0.021	0.080	0.056
NA12	MA0027D	09/19/2001		0.032 *U*	0.44	2.9	1.9	0.58	3.0	0.16	0.036	0.11	0.075
NA12	MA0027E	09/19/2001		0.011 *U*	0.30	2.1	1.4	0.49	2.2	0.096	0.019	0.075	0.052
NA20	MA0028A	09/19/2001		0.014 *U*	0.31	2.2	1.7	0.46	2.3	0.15	0.019	0.11	0.056
NA20	MA0028B	09/19/2001		0.013 *U*	0.20	1.5	1.3	0.30	1.5	0.10	0.013 *U*	0.069	0.036
NA20	MA0028CE	09/19/2001		0.011 *U*	0.17	1.2	1.0	0.26	1.2	0.082	0.011 *U*	0.054	0.030
NA20	MA0028D	09/19/2001		0.013 *U*	0.29	2.1	1.7	0.48	2.1	0.14	0.017	0.098	0.050
Southwest Marine													
SW04	MA0012A	09/19/2001		0.059 *J*	1.7	10	8.0	2.1	9.8	0.77	0.12	0.52	0.28
SW04	MA0012B	09/19/2001		0.010 *U*	1.6	9.5	6.4	1.8	8.6	0.71	0.12	0.53	0.24
SW04	MA0012C	09/19/2001		0.011 *U*	0.27	1.9	1.3	0.33	2.5	0.064	0.016	0.040	0.048
SW04	MA0012D	09/19/2001		0.021	1.2	7.2	5.5	1.3	7.3	0.55	0.084	0.35	0.19

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 126	128	138	149	151	153	156	157	158	167
SW04	MA0012E	09/19/2001		0.030 *U*	1.8	11	7.8	2.3	9.8	0.83	0.12	0.53	0.29
SW08	MA0016A	09/19/2001		0.021	1.0	6.3	5.1	1.0	6.8	0.41	0.066	0.29	0.18
SW08	MA0016B	09/19/2001		0.033	1.0	6.4	4.2	1.1	6.1	0.43	0.077	0.33	0.17
SW08	MA0016C	09/19/2001		0.021	0.86	5.5	3.9	1.0	5.6	0.35	0.058	0.25	0.15
SW08	MA0016D	09/19/2001		0.026	1.3	8.0	6.4	1.6	8.8	0.55	0.087	0.37	0.23
SW08	MA0016E	09/19/2001		0.018	0.90	5.5	4.1	0.92	5.9	0.39	0.064	0.25	0.16
SW13	MA0022A	09/19/2001		0.021	0.29	2.4	1.8	0.65	2.7	0.13	0.021	0.11	0.048
SW13	MA0022B	09/19/2001		0.011	0.36	2.3	1.5	0.43	2.2	0.15	0.028	0.11	0.056
SW13	MA0022C	09/19/2001		0.014 *U*	0.53	4.2	3.4	1.3	5.1	0.22	0.030	0.17	0.098
SW13	MA0022D	09/19/2001		0.030	1.6	9.5	7.7	1.8	9.4	0.70	0.11	0.47	0.26
SW13	MA0022E	09/19/2001		0.011 *U*	0.44	3.3	3.0	0.93	4.3	0.18	0.027	0.14	0.081
SW21	MA0019A	09/19/2001		0.016	0.87	12	18	6.0	23	0.52	0.060	0.49	0.23
SW21	MA0019B	09/19/2001		0.023 *U*	1.1	15	20	9.3	28	0.58	0.011 *U*	0.60	0.30
SW21	MA0019C	09/19/2001		0.017 *U*	1.1	14	20	8.7	27	0.56	0.011 *U*	0.56	0.28
SW21	MA0019D	09/19/2001		0.039 *U*	1.1	15	20	7.8	27	0.63	0.073	0.62	0.30
SW21	MA0019E	09/19/2001		0.0092 *U*	0.69	9.2	12	4.8	17	0.35	0.031	0.40	0.15
SW28	MA0029A	09/19/2001		0.026	1.4	17	18	5.7	22	0.99	0.048	0.81	0.38
SW28	MA0029B	09/19/2001		0.028 *U*	1.3	16	17	4.9	21	0.93	0.073	0.75	0.35
SW28	MA0029C	09/19/2001		0.063	1.7	19	17	5.6	21	1.1	0.055	1.0	0.37
SW28	MA0029D	09/19/2001		0.024	1.2	15	15	5.3	18	0.77	0.061	0.68	0.30
SW28	MA0029E	09/19/2001		0.011 *U*	1.3	17	17	4.9	21	0.90	0.053	0.78	0.36

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
Lobster (whole body)													
Reference													
2230	BI0090	10/02/2002	1	0.011 *U*	0.011 *U*	1.4	2.0	3.1	0.13	7.6	0.096	0.69	0.11
2230	BI0091	10/02/2002	2	0.012 *U*	0.012 *U*	0.79	0.99	1.8	0.051	4.4	0.10	0.50	0.047
2230	BI0092	10/02/2002	3	0.011 *U*	0.011 *U*	0.98	1.6	2.0	0.11	5.9	0.085	0.53	0.098
2230	BI0093	10/02/2002	4	0.010 *U*	0.010 *U*	2.2	2.0	4.3	0.067	8.6	0.15	1.1	0.100
2230	BI0094	10/02/2002	5	0.011 *U*	0.011 *U*	0.83	0.86	1.7	0.037	2.9	0.089	0.52	0.038
NASSCO													
NSCO-Lob	BI0058	09/26/2002	1	0.011 *U*	0.011 *U*	1.1	0.89	1.9	0.032	3.0	0.14	0.85	0.027
NSCO-Lob	BI0059	09/27/2002	2	0.012 *U*	0.012 *U*	2.5	1.9	5.9	0.42	7.9	0.14	1.3	0.17
NSCO-Lob	BI0060	09/27/2002	3	0.012 *U*	0.012 *U*	1.3	1.2	2.9	0.17	5.2	0.098	0.79	0.072
NSCO-Lob	BI0061	09/27/2002	4	0.012 *U*	0.012 *U*	1.9	2.5	4.3	0.18	13	0.16	1.3	0.19
NSCO-Lob	BI0062	09/27/2002	5	0.027	0.012 *U*	4.5	2.3	11	1.7	14	0.27	2.4	0.30
NSCO-Lob	BI0063	09/28/2002	6	0.012 *U*	0.012 *U*	2.3	2.7	5.6	0.15	9.5	0.21	1.2	0.13
NSCO-Lob	BI0064	09/28/2002	7	0.011 *U*	0.011 *U*	1.7	1.8	3.8	0.26	7.6	0.12	0.87	0.13
Southwest Marine													
SWM-Lob	BI0075	09/29/2002	1	0.011 *U*	0.011 *U*	1.7	1.9	4.7	0.26	7.6	0.10	0.80	0.18
SWM-Lob	BI0076	09/29/2002	2	0.011 *U*	0.011 *U*	1.6	1.9	3.9	0.22	6.5	0.098	0.74	0.14
SWM-Lob	BI0077	09/29/2002	3	0.011 *U*	0.011 *U*	3.5	4.0	8.2	0.21	13	0.21	1.9	0.24
SWM-Lob	BI0078	09/29/2002	4	0.011 *U*	0.011 *U*	1.3	1.5	3.3	0.15	6.4	0.091	0.67	0.14
SWM-Lob	BI0079	09/29/2002	5	0.013	0.011 *U*	2.4	2.6	6.1	0.29	9.4	0.13	1.1	0.20
Lobster (edible tissue)													
Reference													
2230	BI0085	10/02/2002	1	0.011 *U*	0.011 *U*	0.33	0.38	0.66	0.023	1.4	0.020	0.093	0.025
2230	BI0086	10/02/2002	2	0.011 *U*	0.011 *U*	0.19	0.20	0.25	0.011 *U*	1.1	0.021	0.12	0.011 *U*
2230	BI0087	10/02/2002	3	0.010 *U*	0.010 *U*	0.16	0.27	0.32	0.020	1.3	0.010 *U*	0.055	0.024
2230	BI0088	10/02/2002	4	0.010 *U*	0.010 *U*	0.61	0.44	0.73	0.034	1.8	0.019	0.17	0.033
2230	BI0089	10/02/2002	5	0.0097 *U*	0.0097 *U*	0.24	0.23	0.28	0.011	0.77	0.017	0.086	0.012
NASSCO													
NSCO-Lob	BI0004	09/08/2002	1	0.014 *U*	0.014 *U*	0.40	0.35	0.84	0.021	1.6	0.028	0.16	0.025
NSCO-Lob	BI0005	09/08/2002	2	0.011 *U*	0.011 *U*	0.18	0.22	0.32	0.011 *U*	0.81	0.014	0.075	0.013
NSCO-Lob	BI0009	09/20/2002	3	0.011 *U*	0.011 *U*	0.34	0.50	0.64	0.026	1.7	0.019	0.11	0.030
NSCO-Lob	BI0010	09/20/2002	4	0.013 *U*	0.013 *U*	0.48	0.34	0.84	0.013 *U*	1.2	0.034	0.22	0.018
Southwest Marine													
SWM-Lob	BI0001	08/27/2002	1	0.011 *U*	0.011 *U*	0.20	0.29	0.36	0.030	1.0	0.011 *U*	0.063	0.022
SWM-Lob	BI0002	08/27/2002	2	0.011 *U*	0.011 *U*	0.64	0.71	1.2	0.040	2.8	0.031	0.21	0.068
SWM-Lob	BI0003	08/27/2002	3	0.012 *U*	0.012 *U*	0.33	0.48	0.60	0.028	1.6	0.019	0.11	0.012 *U*
SWM-Lob	BI0073	09/29/2002	4	0.012 *U*	0.012 *U*	0.94	1.1	1.5	0.053	4.3	0.054	0.40	0.061
SWM-Lob	BI0074	09/29/2002	5	0.011 *U*	0.011 *U*	0.41	0.51	0.61	0.021	1.9	0.027	0.14	0.032
Spotted sand bass (whole body)													
Reference													
2240	BI0048	09/27/2002	1	0.13	0.011 *U*	9.4	1.6	24	6.9	30	0.54	6.1	1.0
2240	BI0049	09/27/2002	2	0.16	0.011 *U*	6.0	1.6	14	5.8	26	0.32	3.3	0.81
2240	BI0050	09/27/2002	3	0.17	0.011 *U*	9.6	5.4	24	8.8	41	0.61	7.1	1.6
2240	BI0051	09/27/2002	4	0.15	0.010 *U*	6.7	1.7	16	6.3	27	0.43	4.9	1.1
2240	BI0052	09/27/2002	5	0.21	0.011 *U*	13	5.2	31	11	52	0.71	6.9	1.7

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
NASSCO													
NAFI01	BI0028	09/26/2002	1	0.29	0.028	26	5.5	70	21	63	1.3	15	2.4
NAFI01	BI0029	09/26/2002	2	0.29	0.021	32	4.6	85	25	69	1.5	17	2.7
NAFI01	BI0030	09/26/2002	3	0.11	0.011 *U*	8.8	1.2	23	6.8	25	0.45	5.0	0.83
NAFI01	BI0031	09/26/2002	4	0.21	0.016	20	1.5	51	15	38	0.97	10	1.4
NAFI01	BI0032	09/26/2002	5	0.084	0.011 *U*	10	1.5	27	8.2	25	0.50	5.8	0.93
NAFI02	BI0065	09/28/2002	1	0.30	0.011 *U*	20	1.6	56	16	46	1.2	13	1.0
NAFI02	BI0066	09/28/2002	2	0.17	0.011 *U*	11	4.7	27	9.4	41	0.60	7.9	1.5
NAFI02	BI0067	09/28/2002	3	0.21	0.011 *U*	15	2.3	40	12	41	0.80	8.3	1.4
NAFI02	BI0068	09/28/2002	4	0.11	0.012 *U*	7.7	1.4	19	6.5	25	0.40	4.7	0.67
NAFI02	BI0080	09/29/2002	5	0.23	0.013 *U*	17	1.3	43	14	52	0.90	9.2	1.3
Southwest Marine													
SWFI01	BI0019	09/25/2002	1	0.0098 *U*	0.011	6.5	2.4	16	5.9	28	0.33	3.5	0.92
SWFI01	BI0020	09/25/2002	2	0.011 *U*	0.011 *U*	7.0	0.40	18	4.9	12	0.34	4.1	0.42
SWFI01	BI0021	09/25/2002	3	0.13	0.013	19	1.6	43	13	40	0.93	9.1	1.1
SWFI01	BI0022	09/25/2002	4	0.098	0.021	11	3.3	27	8.8	40	0.65	6.8	1.3
SWFI01	BI0023	09/25/2002	5	0.011 *U*	0.011 *U*	4.7	1.1	11	3.4	13	0.21	2.6	0.48
SWFI02	BI0038	09/27/2002	1	0.16	0.012 *U*	7.4	1.4	19	7.3	24	0.42	4.4	0.94
SWFI02	BI0039	09/27/2002	2	0.32	0.012 *U*	16	3.8	41	14	47	0.78	7.1	1.5
SWFI02	BI0040	09/27/2002	3	0.32	0.010 *U*	16	3.8	38	13	50	0.82	8.2	1.6
SWFI02	BI0041	09/27/2002	4	0.16	0.013 *U*	9.5	3.2	24	7.6	36	0.57	5.8	1.1
SWFI02	BI0042	09/27/2002	5	0.17	0.011 *U*	13	1.0	32	9.6	29	0.68	7.8	0.93
Spotted sand bass (fillet)													
Reference													
2240	BI0043	09/27/2002	1	0.023	0.013 *U*	2.5	0.43	6.1	2.1	8.0	0.11	1.3	0.22
2240	BI0044	09/27/2002	2	0.010 *U*	0.010 *U*	0.24	0.065	0.67	0.26	1.00	0.013	0.19	0.037
2240	BI0045	09/27/2002	3	0.013 *U*	0.013 *U*	0.99	0.64	2.6	0.96	4.6	0.052	0.71	0.19
2240	BI0046	09/27/2002	4	0.013 *U*	0.013 *U*	0.70	0.34	1.8	0.69	3.1	0.037	0.49	0.12
2240	BI0047	09/27/2002	5	0.030	0.012 *U*	2.5	0.82	6.3	2.1	9.3	0.14	1.6	0.36
NASSCO													
NAFI01	BI0013	09/26/2002	1	0.012 *U*	0.012 *U*	0.73	0.35	2.0	0.58	2.1	0.040	0.64	0.12
NAFI01	BI0024	09/26/2002	2	0.012 *U*	0.012 *U*	1.1	0.40	2.9	0.90	3.1	0.056	0.72	0.15
NAFI01	BI0025	09/26/2002	3	0.012 *U*	0.012 *U*	1.2	0.35	2.9	0.94	3.5	0.058	0.68	0.16
NAFI01	BI0026	09/26/2002	4	0.016	0.010 *U*	1.9	0.10	5.2	1.5	4.2	0.093	1.4	0.15
NAFI01	BI0027	09/26/2002	5	0.012 *U*	0.012 *U*	0.34	0.045	0.84	0.30	0.97	0.017	0.21	0.039
NAFI02	BI0053	09/27/2002	1	0.038	0.012 *U*	3.4	0.56	8.2	3.1	12	0.19	2.1	0.42
NAFI02	BI0054	09/27/2002	2	0.019	0.012 *U*	1.8	0.15	4.4	1.7	4.8	0.085	1.0	0.19
NAFI02	BI0055	09/27/2002	3	0.025	0.012 *U*	2.2	0.35	5.5	1.9	7.4	0.12	1.4	0.28
NAFI02	BI0056	09/27/2002	4	0.014	0.012 *U*	0.93	0.59	2.3	0.91	4.5	0.054	0.72	0.20
NAFI02	BI0057	09/28/2002	5	0.025	0.012 *U*	2.1	0.96	5.3	1.9	8.6	0.11	1.4	0.34
Southwest Marine													
SWFI01	BI0014	09/25/2002	1	0.015	0.013 *U*	1.2	0.26	2.8	0.96	3.9	0.067	0.74	0.13
SWFI01	BI0015	09/25/2002	2	0.11	0.012 *U*	14	0.91	38	10	21	0.67	6.7	0.76
SWFI01	BI0016	09/25/2002	3	0.046	0.012 *U*	2.0	0.25	5.6	1.5	4.4	0.091	1.3	0.15
SWFI01	BI0017	09/25/2002	4	0.50	0.013 *U*	14	1.3	40	12	41	0.60	9.1	1.0
SWFI01	BI0018	09/25/2002	5	0.090	0.013 *U*	6.5	1.2	17	4.7	18	0.34	3.8	0.64
SWFI02	BI0033	09/27/2002	1	0.049	0.013 *U*	3.4	0.69	8.4	2.8	12	0.18	1.8	0.37

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
SWFI02	BI0034	09/27/2002	2	0.035	0.013 *U*	1.8	0.21	4.6	1.5	4.2	0.079	0.87	0.12
SWFI02	BI0035	09/27/2002	3	0.019	0.012 *U*	0.99	0.036	2.6	0.89	2.2	0.058	0.77	0.082
SWFI02	BI0036	09/27/2002	4	0.018	0.013 *U*	2.7	0.35	6.8	2.1	7.9	0.14	1.7	0.27
SWFI02	BI0037	09/27/2002	5	0.040	0.012 *U*	1.7	0.25	4.3	1.6	5.2	0.094	1.1	0.16
Forage fish (whole body)													
Reference													
2240	BI0071-1	09/28/2002	1	0.064	0.012 *U*	4.0	7.0	8.2	3.9	21	0.11	1.4	0.67
2240	BI0071-2	09/28/2002	2	0.056	0.012 *U*	3.5	5.6	7.4	3.3	18	0.081	1.2	0.51
2240	BI0071-3	09/28/2002	3	0.013 *U*	0.013 *U*	4.1	6.9	8.5	3.9	21	0.087	1.4	0.62
NASSCO													
NAFI01	BI0081	09/29/2002		0.11	0.013 *U*	4.9	8.2	10	4.1	24	0.16	1.4	0.60
NAFI02	BI0070-1	09/28/2002	1	0.15	0.012 *U*	6.0	9.1	13	5.3	27	0.21	2.0	0.72
NAFI02	BI0070-2	09/28/2002	2	0.12	0.013 *U*	5.6	8.7	13	5.1	26	0.19	1.8	0.61
NAFI02	BI0070-3	09/29/2002	3	0.13	0.014 *U*	5.9	9.0	13	5.1	27	0.19	1.8	0.64
NAFI02	BI0070-4	09/29/2002	4	0.11	0.012 *U*	5.3	8.7	11	4.5	25	0.18	1.6	0.63
Southwest Marine													
SWFI01	BI0083-1	10/01/2002	1	0.16	0.011 *U*	12	11	29	9.3	36	0.36	5.1	1.3
SWFI01	BI0083-2	10/01/2002	2	0.15	0.011 *U*	12	11	28	8.9	33	0.34	4.8	1.2
SWFI01	BI0083-3	10/01/2002	3	0.16	0.011 *U*	12	12	29	9.7	39	0.36	5.0	1.3
SWFI02	BI0069	09/28/2002		0.12	0.012 *U*	5.6	7.6	14	5.0	24	0.21	2.2	0.66
Mussel (soft tissue)													
Reference													
2240	BI0008	09/16/2002		0.023	0.011 *U*	0.22	1.6	0.70	0.54	3.9	0.025	0.11	0.12
NASSCO													
NA19	BI0006	09/16/2002		0.025	0.011 *U*	0.39	1.8	1.2	0.83	4.4	0.035	0.17	0.13
NA24	BI0012	09/23/2002		0.011 *U*	0.011 *U*	0.46	2.4	1.5	1.1	5.9	0.045	0.19	0.17
Southwest Marine													
SW18	BI0007	09/16/2002		0.015	0.0098 *U*	0.35	2.0	1.1	0.93	4.9	0.035	0.14	0.14
SW27	BI0011	09/23/2002		0.012 *U*	0.012 *U*	0.44	2.4	1.4	1.1	6.1	0.042	0.17	0.16
Eelgrass													
Reference													
2240-EG	BI0095	10/02/2002		0.010 *U*	0.010 *U*	0.025	0.039	0.060	0.021	0.11	0.010 *U*	0.014	0.010 *U*
NASSCO													
NA-EG-1	BI0084	10/02/2002		0.010 *U*	0.010 *U*	0.17	0.15	0.33	0.097	0.34	0.010 *U*	0.074	0.014
Southwest Marine													
SW-EG-1	BI0082	10/01/2002		0.010 *U*	0.010 *U*	0.13	0.096	0.30	0.082	0.24	0.010 *U*	0.069	0.011
***Macoma* tissue for bioaccumulation tests**													
Control													
CONTROL	ControlA	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.028 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
CONTROL	ControlB	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.026 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
CONTROL	ControlC	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.028 *U*	0.011 *U*	0.013	0.011 *U*	0.011 *U*	0.011 *U*
CONTROL	ControlD	09/19/2001		0.041	0.013 *U*	0.47	0.47	1.1	0.43	1.4	0.015	0.14	0.26
CONTROL	ControlE	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.027 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
Reference													
2441	MA0034A	10/06/2001		0.011 *U*	0.011 *U*	0.053	0.057	0.096	0.052	0.21	0.011 *U*	0.022	0.041
2441	MA0034B	10/06/2001		0.011 *U*	0.011 *U*	0.052	0.055	0.096	0.048	0.20	0.011 *U*	0.022	0.041
2441	MA0034C	10/06/2001		0.012 *U*	0.012 *U*	0.050	0.054	0.093	0.048	0.20	0.012 *U*	0.020	0.039

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
2441	MA0034D	10/06/2001		0.011 *U*	0.011 *U*	0.057	0.061	0.11	0.049	0.20	0.011 *U*	0.023	0.044
2441	MA0034E	10/06/2001		0.013 *U*	0.013 *U*	0.045	0.048	0.087	0.043	0.17	0.013 *U*	0.018	0.035
2433	MA0041A	09/19/2001		0.011 *U*	0.011 *U*	0.14	0.13	0.31	0.12	0.39	0.011 *U*	0.054	0.100
2433	MA0041B	09/19/2001		0.014 *U*	0.014 *U*	0.17	0.16	0.36	0.14	0.48	0.014 *U*	0.061	0.11
2433	MA0041C	09/19/2001		0.011 *U*	0.011 *U*	0.11	0.11	0.24	0.090	0.32	0.011 *U*	0.039	0.080
2433	MA0041D	09/19/2001		0.022	0.011 *U*	0.16	0.15	0.34	0.13	0.44	0.011 *U*	0.058	0.11
2433	MA0041E	09/19/2001		0.011 *U*	0.011 *U*	0.13	0.13	0.28	0.11	0.36	0.011 *U*	0.047	0.080
2440	MA0043A	09/19/2001		0.011 *U*	0.011 *U*	0.32	0.33	0.79	0.31	0.94	0.012	0.10	0.16
2440	MA0043B	09/19/2001		0.011 *U*	0.011 *U*	0.17	0.16	0.38	0.14	0.43	0.011 *U*	0.055	0.11
2440	MA0043C	09/19/2001		0.011 *U*	0.011 *U*	0.12	0.12	0.27	0.10	0.30	0.011 *U*	0.040	0.066
2440	MA0043D	09/19/2001		0.011 *U*	0.011 *U*	0.19	0.17	0.45	0.16	0.47	0.011 *U*	0.064	0.13
2440	MA0043E	09/19/2001		0.013	0.011 *U*	0.17	0.15	0.38	0.13	0.40	0.011 *U*	0.056	0.11
2231	MA0013A	09/19/2001		0.011 *U*	0.011 *U*	0.19	0.21	0.44	0.18	0.61	0.014	0.072	0.14
2231	MA0013B	09/19/2001		0.013 *U*	0.013 *U*	0.21	0.22	0.47	0.18	0.68	0.013 *U*	0.075	0.15
2231	MA0013C	09/19/2001		0.011 *U*	0.011 *U*	0.15	0.16	0.34	0.13	0.46	0.011 *U*	0.054	0.096
2231	MA0013D	09/19/2001		0.014	0.011 *U*	0.15	0.17	0.34	0.13	0.49	0.011 *U*	0.057	0.093
2231	MA0013E	09/19/2001		0.016	0.011 *U*	0.13	0.15	0.29	0.12	0.44	0.011 *U*	0.054	0.094
2243	MA0049A	09/19/2001		0.017	0.011 *U*	0.12	0.19	0.26	0.11	0.53	0.011 *U*	0.050	0.078
2243	MA0049B	09/19/2001		0.020	0.011 *U*	0.14	0.23	0.29	0.13	0.62	0.011 *U*	0.051	0.099
2243	MA0049C	09/19/2001		0.010 *U*	0.010 *U*	0.13	0.22	0.27	0.13	0.60	0.010 *U*	0.054	0.077
2243	MA0049D	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.028 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*	0.011 *U*
2243	MA0049E	09/19/2001		0.011 *U*	0.011 *U*	0.12	0.23	0.27	0.13	0.62	0.011 *U*	0.054	0.090
NASSCO													
NA06	MA0020A	09/19/2001		0.012 *U*	0.012 *U*	0.36	0.35	0.80	0.29	0.90	0.018	0.13	0.20
NA06	MA0020B	09/19/2001		0.025	0.011 *U*	0.23	0.23	0.55	0.20	0.64	0.011 *U*	0.066	0.14
NA06	MA0020C	09/19/2001		0.010 *U*	0.010 *U*	0.16	0.14	0.33	0.13	0.35	0.010 *U*	0.048	0.082
NA06	MA0020D	09/19/2001		0.011 *U*	0.011 *U*	0.45	0.44	1.0	0.37	1.2	0.016	0.13	0.26
NA06	MA0020E	09/19/2001		0.031	0.011 *U*	0.42	0.37	0.94	0.31	0.97	0.015	0.12	0.20
NA11	MA0021A	09/19/2001		0.011 *U*	0.011 *U*	0.25	0.24	0.58	0.21	0.65	0.011 *U*	0.072	0.14
NA11	MA0021B	09/19/2001		0.016	0.0092 *U*	0.22	0.23	0.53	0.19	0.61	0.0092 *U*	0.063	0.12
NA11	MA0021C	09/19/2001		0.0089 *U*	0.0089 *U*	0.20	0.20	0.46	0.18	0.54	0.012	0.062	0.11
NA11	MA0021D	09/19/2001		0.010 *U*	0.010 *U*	0.27	0.29	0.66	0.25	0.76	0.010 *U*	0.086	0.15
NA11	MA0021E	09/19/2001		0.011 *U*	0.011 *U*	0.26	0.27	0.62	0.23	0.71	0.015	0.082	0.15
NA12	MA0027A	09/19/2001		0.010 *U*	0.010 *U*	0.17	0.19	0.39	0.16	0.53	0.010 *U*	0.059	0.096
NA12	MA0027B	09/19/2001		0.011 *U*	0.011 *U*	0.16	0.19	0.37	0.15	0.50	0.011 *U*	0.056	0.086
NA12	MA0027C	09/19/2001		0.014	0.011 *U*	0.18	0.20	0.43	0.16	0.54	0.011 *U*	0.056	0.11
NA12	MA0027D	09/19/2001		0.014 *U*	0.014 *U*	0.25	0.27	0.58	0.22	0.75	0.015	0.081	0.14
NA12	MA0027E	09/19/2001		0.015	0.011 *U*	0.18	0.21	0.44	0.16	0.55	0.011 *U*	0.062	0.10
NA20	MA0028A	09/19/2001		0.017	0.014 *U*	0.25	0.22	0.60	0.21	0.54	0.014 *U*	0.074	0.13
NA20	MA0028B	09/19/2001		0.013	0.013 *U*	0.15	0.15	0.39	0.14	0.37	0.013 *U*	0.048	0.091
NA20	MA0028CE	09/19/2001		0.011 *U*	0.011 *U*	0.14	0.13	0.34	0.12	0.33	0.011 *U*	0.043	0.073
NA20	MA0028D	09/19/2001		0.014	0.013 *U*	0.23	0.20	0.54	0.18	0.49	0.013 *U*	0.066	0.12
Southwest Marine													
SW04	MA0012A	09/19/2001		0.011 *U*	0.011 *U*	0.78	0.70	1.9	0.67	1.8	0.033	0.23	0.40
SW04	MA0012B	09/19/2001		0.010 *U*	0.010 *U*	0.70	0.62	1.6	0.61	1.5	0.026	0.20	0.31
SW04	MA0012C	09/19/2001		0.016	0.011 *U*	0.12	0.20	0.25	0.12	0.59	0.011 *U*	0.047	0.091
SW04	MA0012D	09/19/2001		0.011 *U*	0.011 *U*	0.50	0.45	1.3	0.44	1.2	0.016	0.14	0.29

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 168	169	170	177	180	183	187	189	194	201
SW04	MA0012E	09/19/2001		0.063	0.011 *U*	0.85	0.76	2.0	0.71	1.9	0.028	0.24	0.37
SW08	MA0016A	09/19/2001		0.057	0.013 *U*	0.48	0.46	1.1	0.45	1.3	0.016	0.15	0.27
SW08	MA0016B	09/19/2001		0.072	0.011 *U*	0.011 *U*	0.44	1.0	0.42	1.2	0.021	0.15	0.22
SW08	MA0016C	09/19/2001		0.010 *U*	0.010 *U*	0.40	0.39	0.98	0.37	1.1	0.013	0.13	0.21
SW08	MA0016D	09/19/2001		0.050	0.011 *U*	0.65	0.60	1.6	0.58	1.7	0.021	0.20	0.36
SW08	MA0016E	09/19/2001		0.040	0.011 *U*	0.42	0.40	0.98	0.38	1.1	0.015	0.13	0.25
SW13	MA0022A	09/19/2001		0.010 *U*	0.010 *U*	0.25	0.26	0.63	0.24	0.72	0.012	0.074	0.12
SW13	MA0022B	09/19/2001		0.010 *U*	0.010 *U*	0.18	0.17	0.41	0.15	0.45	0.010 *U*	0.059	0.095
SW13	MA0022C	09/19/2001		0.013 *U*	0.013 *U*	0.47	0.49	1.2	0.42	1.3	0.015	0.14	0.22
SW13	MA0022D	09/19/2001		0.064	0.011 *U*	0.71	0.65	1.8	0.64	1.7	0.024	0.19	0.37
SW13	MA0022E	09/19/2001		0.035	0.011 *U*	0.39	0.37	0.94	0.35	1.1	0.013	0.12	0.22
SW21	MA0019A	09/19/2001		0.011 *U*	0.011 *U*	1.8	1.8	5.0	1.8	6.4	0.049	0.63	1.1
SW21	MA0019B	09/19/2001		0.15	0.011 *U*	2.4	2.4	6.3	2.3	8.1	0.066	0.81	1.2
SW21	MA0019C	09/19/2001		0.14	0.011 *U*	2.2	2.3	5.9	2.2	7.8	0.055	0.72	1.1
SW21	MA0019D	09/19/2001		0.18	0.011 *U*	2.3	2.3	6.4	2.3	8.0	0.067	0.85	1.4
SW21	MA0019E	09/19/2001		0.30	0.0092 *U*	1.3	1.4	3.6	1.4	4.6	0.036	0.45	0.71
SW28	MA0029A	09/19/2001		0.14	0.014 *U*	3.4	2.4	7.4	2.6	5.4	0.11	0.86	1.1
SW28	MA0029B	09/19/2001		0.16	0.028 *U*	2.8	2.1	6.3	2.3	4.9	0.086	0.59	0.86
SW28	MA0029C	09/19/2001		0.011 *U*	0.011 *U*	2.8	2.3	6.2	2.3	4.8	0.092	0.58	0.74
SW28	MA0029D	09/19/2001		0.12	0.011 *U*	2.3	1.8	5.2	1.9	4.0	0.067	0.48	0.62
SW28	MA0029E	09/19/2001		0.14	0.011 *U*	2.7	2.1	6.3	2.2	4.9	0.084	0.55	0.88

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 206	PCB Congeners (cont.) Total[a]	PCB Homologs Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl
Lobster (whole body)												
Reference												
2230	BI0090	10/02/2002	1	0.17	31	0.015	0.17	0.38	1.2	3.5	17	17
2230	BI0091	10/02/2002	2	0.13	21	0.012 *U*	0.20	0.41	0.83	2.3	13	11
2230	BI0092	10/02/2002	3	0.13	24	0.011 *U*	0.20	0.64	1.4	2.8	12	13
2230	BI0093	10/02/2002	4	0.20	39	0.010 *U*	0.12	0.27	0.93	3.6	22	21
2230	BI0094	10/02/2002	5	0.15	18	0.011 *U*	0.11	0.23	0.50	1.8	11	8.7
NASSCO												
NSCO-Lob	BI0058	09/26/2002	1	0.22	20	0.022	0.11	0.34	0.66	1.7	11	9.6
NSCO-Lob	BI0059	09/27/2002	2	0.46	44	0.012 *U*	0.12	0.31	1.2	6.2	22	22
NSCO-Lob	BI0060	09/27/2002	3	0.21	23	0.012 *U*	0.11	0.22	0.57	2.5	12	13
NSCO-Lob	BI0061	09/27/2002	4	0.35	40	0.012 *U*	0.027	0.13	0.50	2.9	18	26
NSCO-Lob	BI0062	09/27/2002	5	0.79	100	0.012 *U*	0.059	0.28	3.4	20	54	40
NSCO-Lob	BI0063	09/28/2002	6	0.27	47	0.012 *U*	0.026	0.19	0.84	5.1	26	25
NSCO-Lob	BI0064	09/28/2002	7	0.27	39	0.011 *U*	0.053	0.15	1.0	6.0	21	19
Southwest Marine												
SWM-Lob	BI0075	09/29/2002	1	0.25	37	0.011 *U*	0.13	0.53	1.9	6.3	19	19
SWM-Lob	BI0076	09/29/2002	2	0.21	30	0.011 *U*	0.12	0.41	1.3	3.5	15	17
SWM-Lob	BI0077	09/29/2002	3	0.35	52	0.011 *U*	0.068	0.23	1.2	4.3	24	35
SWM-Lob	BI0078	09/29/2002	4	0.21	26	0.011 *U*	0.12	0.35	1.0	3.1	13	15
SWM-Lob	BI0079	09/29/2002	5	0.27	42	0.011 *U*	0.15	0.65	2.1	5.8	20	24
Lobster (edible tissue)												
Reference												
2230	BI0085	10/02/2002	1	0.032	6.8	0.011 *U*	0.027	0.088	0.24	0.91	3.9	3.5
2230	BI0086	10/02/2002	2	0.027	4.4	0.011 *U*	0.018	0.011 *U*	0.025	0.28	2.6	2.4
2230	BI0087	10/02/2002	3	0.020	4.8	0.010 *U*	0.010 *U*	0.076	0.26	0.65	2.6	2.5
2230	BI0088	10/02/2002	4	0.077	7.5	0.010 *U*	0.057	0.11	0.27	0.83	3.7	4.5
2230	BI0089	10/02/2002	5	0.027	4.2	0.0097 *U*	0.0097 *U*	0.0097 *U*	0.041	0.41	2.6	2.1
NASSCO												
NSCO-Lob	BI0004	09/08/2002	1	0.077	7.6	0.014 *U*	0.014 *U*	0.22	0.51	0.85	3.8	4.0
NSCO-Lob	BI0005	09/08/2002	2	0.031	3.9	0.011 *U*	0.011 *U*	0.16	0.30	0.44	2.0	2.0
NSCO-Lob	BI0009	09/20/2002	3	0.039	7.1	0.011 *U*	0.011 *U*	0.31	0.63	0.87	3.4	3.8
NSCO-Lob	BI0010	09/20/2002	4	0.084	6.8	0.027	0.033	0.096	0.12	0.59	3.6	3.7
Southwest Marine												
SWM-Lob	BI0001	08/27/2002	1	0.027	4.6	0.011 *U*	0.011 *U*	0.079	0.27	0.70	2.4	2.3
SWM-Lob	BI0002	08/27/2002	2	0.078	9.7	0.011 *U*	0.011 *U*	0.044	0.15	0.82	4.3	6.4
SWM-Lob	BI0003	08/27/2002	3	0.051	7.4	0.012 *U*	0.045	0.33	0.77	1.1	3.5	3.7
SWM-Lob	BI0073	09/29/2002	4	0.25	16	0.012 *U*	0.066	0.44	0.99	1.7	7.5	9.8
SWM-Lob	BI0074	09/29/2002	5	0.042	7.5	0.011 *U*	0.011 *U*	0.017	0.089	0.67	4.2	4.3
Spotted sand bass (whole body)												
Reference												
2240	BI0048	09/27/2002	1	3.2	400	0.011 *U*	0.011 *U*	1.1	16	110	220	84
2240	BI0049	09/27/2002	2	1.3	410	0.011 *U*	0.023	1.7	28	130	230	64
2240	BI0050	09/27/2002	3	3.5	540	0.011 *U*	0.022	2.3	33	150	310	110
2240	BI0051	09/27/2002	4	2.2	380	0.010 *U*	0.012 *U*	1.6	23	110	230	70
2240	BI0052	09/27/2002	5	3.2	720	0.011 *U*	0.022	2.6	46	220	410	140

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 206	PCB Congeners (cont.) Total[a]	PCB Homologs Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl
NASSCO												
NAFI01	BI0028	09/26/2002	1	8.9	1,100	0.010 *U*	0.025	4.7	73	360	590	230
NAFI01	BI0029	09/26/2002	2	9.8	1,200	0.012 *U*	0.012 *U*	2.4	57	350	650	260
NAFI01	BI0030	09/26/2002	3	2.5	360	0.011 *U*	0.011 *U*	0.57	16	97	200	76
NAFI01	BI0031	09/26/2002	4	4.9	730	0.012 *U*	0.012 *U*	1.0	31	220	400	150
NAFI01	BI0032	09/26/2002	5	3.0	410	0.011 *U*	0.011 *U*	0.57	16	110	230	86
NAFI02	BI0065	09/28/2002	1	5.4	650	0.011 *U*	0.011 *U*	0.62	17	140	390	160
NAFI02	BI0066	09/28/2002	2	3.4	540	0.011 *U*	0.017	2.0	32	150	310	110
NAFI02	BI0067	09/28/2002	3	3.6	560	0.011 *U*	0.011 *U*	0.69	18	150	320	130
NAFI02	BI0068	09/28/2002	4	1.9	330	0.012 *U*	0.012 *U*	0.46	15	84	200	71
NAFI02	BI0080	09/29/2002	5	3.9	640	0.013 *U*	0.013 *U*	0.53	19	160	380	150
Southwest Marine												
SWFI01	BI0019	09/25/2002	1	1.7	440	0.0098 *U*	0.034	2.6	38	150	240	72
SWFI01	BI0020	09/25/2002	2	1.8	230	0.011 *U*	0.011 *U*	0.15	9.4	72	120	49
SWFI01	BI0021	09/25/2002	3	3.8	540	0.011 *U*	0.011 *U*	0.50	23	130	310	140
SWFI01	BI0022	09/25/2002	4	4.0	640	0.0097 *U*	0.0097 *U*	2.1	41	230	340	110
SWFI01	BI0023	09/25/2002	5	1.5	300	0.011 *U*	0.014	3.8	55	120	130	40
SWFI02	BI0038	09/27/2002	1	1.9	370	0.012 *U*	0.012 *U*	1.6	23	110	210	71
SWFI02	BI0039	09/27/2002	2	3.2	750	0.012 *U*	0.014 *U*	1.7	43	240	410	150
SWFI02	BI0040	09/27/2002	3	3.2	730	0.010 *U*	0.026	2.9	48	220	410	150
SWFI02	BI0041	09/27/2002	4	3.1	480	0.013 *U*	0.016	2.3	39	160	250	98
SWFI02	BI0042	09/27/2002	5	3.6	390	0.011 *U*	0.011 *U*	0.59	14	95	220	100
Spotted sand bass (fillet)												
Reference												
2240	BI0043	09/27/2002	1	0.64	120	0.013 *U*	0.15 *U*	0.10	4.0	37	71	23
2240	BI0044	09/27/2002	2	0.12	12	0.010 *U*	0.15 *U*	0.028	0.53	3.2	6.9	2.6
2240	BI0045	09/27/2002	3	0.45	55	0.013 *U*	0.14 *U*	0.11	2.7	15	31	12
2240	BI0046	09/27/2002	4	0.33	40	0.013 *U*	0.17 *U*	0.082	2.1	11	23	7.9
2240	BI0047	09/27/2002	5	0.82	110	0.012 *U*	0.13 *U*	0.32	5.0	28	67	25
NASSCO												
NAFI01	BI0013	09/26/2002	1	0.33	27	0.012 *U*	0.034 *U*	0.080	1.6	7.5	14	7.2
NAFI01	BI0024	09/26/2002	2	0.37	46	0.012 *U*	0.034 *U*	0.13	3.0	14	25	10
NAFI01	BI0025	09/26/2002	3	0.37	68	0.012 *U*	0.029 *U*	0.34	7.2	26	33	11
NAFI01	BI0026	09/26/2002	4	0.60	64	0.010 *U*	0.023 *U*	0.17	3.8	17	34	15
NAFI01	BI0027	09/26/2002	5	0.10	17	0.012 *U*	0.035 *U*	0.064	1.1	5.1	9.1	2.9
NAFI02	BI0053	09/27/2002	1	0.87	160	0.012 *U*	0.012 *U*	0.69	9.3	42	94	33
NAFI02	BI0054	09/27/2002	2	0.47	76	0.012 *U*	0.012 *U*	0.11	3.3	20	44	15
NAFI02	BI0055	09/27/2002	3	0.59	100	0.012 *U*	0.012 *U*	0.24	5.4	28	59	20
NAFI02	BI0056	09/27/2002	4	0.33	51	0.012 *U*	0.012 *U*	0.18	3.3	14	29	11
NAFI02	BI0057	09/28/2002	5	0.63	110	0.012 *U*	0.014 *U*	0.38	6.1	29	62	23
Southwest Marine												
SWFI01	BI0014	09/25/2002	1	0.36	50	0.013 *U*	0.034 *U*	0.11	2.9	14	27	11
SWFI01	BI0015	09/25/2002	2	1.4	270	0.012 *U*	0.039 *U*	0.61	8.5	49	150	100
SWFI01	BI0016	09/25/2002	3	0.32	55	0.012 *U*	0.036 *U*	0.10	3.2	13	29	16
SWFI01	BI0017	09/25/2002	4	1.7	370	0.013 *U*	0.037 *U*	0.49	17	76	210	130
SWFI01	BI0018	09/25/2002	5	1.5	220	0.013 *U*	0.030 *U*	0.44	9.2	57	120	58
SWFI02	BI0033	09/27/2002	1	0.63	160	0.013 *U*	0.034 *U*	0.13	5.5	41	93	32

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 206	PCB Congeners (cont.) Total[a]	PCB Homologs Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl
SWFI02	BI0034	09/27/2002	2	0.31	63	0.013 *U*	0.027 *U*	0.079	2.7	15	38	14
SWFI02	BI0035	09/27/2002	3	0.28	33	0.012 *U*	0.025 *U*	0.036	0.97	6.9	20	7.7
SWFI02	BI0036	09/27/2002	4	1.2	120	0.013 *U*	0.11 *U*	0.25	5.2	34	68	23
SWFI02	BI0037	09/27/2002	5	0.44	73	0.012 *U*	0.17 *U*	0.24	4.5	19	41	15
Forage fish (whole body)												
Reference												
2240	BI0071-1	09/28/2002	1	0.52	330	0.012 *U*	0.045	2.5	28	120	210	64
2240	BI0071-2	09/28/2002	2	0.48	300	0.012 *U*	0.18	1.7	25	120	190	52
2240	BI0071-3	09/28/2002	3	0.54	360	0.013 *U*	0.20	2.1	31	150	230	63
NASSCO												
NAFI01	BI0081	09/29/2002		0.37	430	0.013 *U*	0.056	4.5	47	180	260	70
NAFI02	BI0070-1	09/28/2002	1	0.51	500	0.012 *U*	0.087	5.1	53	200	300	82
NAFI02	BI0070-2	09/28/2002	2	0.48	450	0.013 *U*	0.048	4.2	44	180	270	80
NAFI02	BI0070-3	09/29/2002	3	0.46	470	0.014 *U*	0.061	4.9	49	200	280	81
NAFI02	BI0070-4	09/29/2002	4	0.40	440	0.012 *U*	0.052	4.3	47	170	270	76
Southwest Marine												
SWFI01	BI0083-1	10/01/2002	1	2.1	680	0.011 *U*	0.40	12	110	270	350	130
SWFI01	BI0083-2	10/01/2002	2	2.1	700	0.011 *U*	0.36	12	120	290	350	130
SWFI01	BI0083-3	10/01/2002	3	2.3	700	0.011 *U*	0.41	12	110	280	370	140
SWFI02	BI0069	09/28/2002		0.70	410	0.012 *U*	0.028	3.6	40	160	240	75
Mussel (soft tissue)												
Reference												
2240	BI0008	09/16/2002		0.029	64	0.011 *U*	0.083	1.3	7.6	25	41	9.8
NASSCO												
NA19	BI0006	09/16/2002		0.047	84	0.011 *U*	0.12	2.0	12	36	51	12
NA24	BI0012	09/23/2002		0.040	110	0.011 *U*	0.14	2.9	17	47	69	16
Southwest Marine												
SW18	BI0007	09/16/2002		0.033	100	0.0098 *U*	0.14	3.1	18	45	60	13
SW27	BI0011	09/23/2002		0.034	120	0.012 *U*	0.13	2.8	19	52	74	17
Eelgrass												
Reference												
2240-EG	BI0095	10/02/2002		0.010 *U*	2.7	0.010 *U*	0.017	0.18	0.66	1.2	1.1	0.33
NASSCO												
NA-EG-1	BI0084	10/02/2002		0.035	11	0.010 *U*	0.056	0.64	3.3	5.5	4.6	1.5
Southwest Marine												
SW-EG-1	BI0082	10/01/2002		0.027	8.1	0.010 *U*	0.043	0.54	2.5	3.8	3.1	1.2
***Macoma* tissue for bioaccumulation tests**												
Control												
CONTROL	ControlA	09/19/2001		0.011 *U*	0.47 *J*	0.011 *U*	0.044	0.20 *U*	0.24 *U*	0.10	0.068	0.028 *U*
CONTROL	ControlB	09/19/2001		0.011 *U*	0.44	0.011 *U*	0.043	0.083	0.16	0.10	0.056	0.026 *U*
CONTROL	ControlC	09/19/2001		0.023 *U*	0.54 *J*	0.011 *U*	0.063 *J*	0.24 *U*	0.45 *U*	0.38 *U*	0.14 *U*	0.013
CONTROL	ControlD	09/19/2001		0.059	46	0.013 *U*	0.10	2.1	14	24	20	5.6
CONTROL	ControlE	09/19/2001		0.011 *U*	0.33 *J*	0.011 *U*	0.045 *U*	0.11 *U*	0.18 *U*	0.098 *U*	0.067 *U*	0.027 *U*
Reference												
2441	MA0034A	10/06/2001		0.015	5.0	0.011 *U*	0.056	0.38	1.3	2.2	2.0	0.62
2441	MA0034B	10/06/2001		0.015	5.0	0.011 *U*	0.077	0.35	1.2	2.3	2.0	0.58
2441	MA0034C	10/06/2001		0.013	4.8	0.012 *U*	0.058	0.35	1.1	2.1	2.0	0.56

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 206	PCB Congeners (cont.) Total[a]	PCB Homologs Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl
2441	MA0034D	10/06/2001		0.017	5.6	0.011 *U*	0.056	0.36	1.2	2.6	2.3	0.63
2441	MA0034E	10/06/2001		0.013 *U*	4.3	0.013 *U*	0.059	0.30	0.99	1.9	1.7	0.50
2433	MA0041A	09/19/2001		0.032	11 *J*	0.011 *U*	0.066	0.66	2.7	5.3	4.9	1.5
2433	MA0041B	09/19/2001		0.035	14 *J*	0.014 *U*	0.087	0.82	3.3	6.6	6.3	1.8
2433	MA0041C	09/19/2001		0.025	10 *J*	0.011 *U*	0.057	0.64	2.6	4.7	4.3	1.2
2433	MA0041D	09/19/2001		0.037	13 *J*	0.011 *U*	0.092	0.90	3.3	6.3	5.8	1.7
2433	MA0041E	09/19/2001		0.037	12	0.011 *U*	0.075	0.63	2.7	5.8	5.3	1.5
2440	MA0043A	09/19/2001		0.043	32	0.011 *U*	0.13	1.5	11	17	14	4.0
2440	MA0043B	09/19/2001		0.037	22 *J*	0.011 *U*	0.15	1.8	7.5	12	7.4	1.8
2440	MA0043C	09/19/2001		0.022	16	0.011 *U*	0.16	1.2	5.2	8.7	5.3	1.3
2440	MA0043D	09/19/2001		0.048	21	0.011 *U*	0.15	2.0	7.1	11	7.3	2.0
2440	MA0043E	09/19/2001		0.038	21	0.011 *U*	0.14	1.9	6.8	11	6.9	1.7
2231	MA0013A	09/19/2001		0.064 *J*	15 *J*	0.011 *U*	0.11 *J*	0.48 *J*	2.5	7.3	7.9	2.4
2231	MA0013B	09/19/2001		0.045	17 *J*	0.013 *U*	0.056	0.41	2.3	7.6	8.5	2.4
2231	MA0013C	09/19/2001		0.032	12 *J*	0.011 *U*	0.056	0.37 *J*	1.8	5.6	6.4	1.8
2231	MA0013D	09/19/2001		0.035	12 *J*	0.011 *U*	0.056	0.35 *J*	1.7	5.6	6.2	1.8
2231	MA0013E	09/19/2001		0.033	11 *J*	0.011 *U*	0.051	0.35 *J*	1.7	5.0	5.7	1.6
2243	MA0049A	09/19/2001		0.028	14 *J*	0.011 *U*	0.069	0.55	2.2	6.1	7.0	1.7
2243	MA0049B	09/19/2001		0.036	16	0.011 *U*	0.084	0.57	2.5	7.3	8.3	1.9
2243	MA0049C	09/19/2001		0.032	15	0.010 *U*	0.088	0.44	2.3	6.6	7.6	1.9
2243	MA0049D	09/19/2001		0.011 *U*	0.42 *J*	0.011 *U*	0.047	0.13 *J*	0.19 *J*	0.086	0.060	0.023 *U*
2243	MA0049E	09/19/2001		0.034 *U*	15 *J*	0.011 *U*	0.098 *J*	0.58 *J*	2.5	6.9	7.7	1.9
NASSCO												
NA06	MA0020A	09/19/2001		0.095 *J*	55 *J*	0.012 *U*	0.25	4.6	22	31	17	4.0
NA06	MA0020B	09/19/2001		0.043	40	0.011 *U*	0.17	3.7	16	23	12	2.7
NA06	MA0020C	09/19/2001		0.036	20	0.010 *U*	0.19	1.7	6.1	12	6.9	1.6
NA06	MA0020D	09/19/2001		0.073 *J*	69 *J*	0.011 *U*	0.28	5.6	27	39	22	5.0
NA06	MA0020E	09/19/2001		0.072	58	0.011 *U*	0.23	4.7	23	32	19	4.3
NA11	MA0021A	09/19/2001		0.037	27 *J*	0.011 *U*	0.089	1.4	7.0	15	11	2.8
NA11	MA0021B	09/19/2001		0.033	24	0.0092 *U*	0.094	1.3	6.2	13	9.9	2.6
NA11	MA0021C	09/19/2001		0.047 *J*	22 *J*	0.0089 *U*	0.10 *J*	1.2	6.2	12	8.9	2.4
NA11	MA0021D	09/19/2001		0.045	28	0.010 *U*	0.11	1.3	7.7	15	12	3.3
NA11	MA0021E	09/19/2001		0.059 *J*	26 *J*	0.011 *U*	0.15	1.5	7.1	14	11	3.1
NA12	MA0027A	09/19/2001		0.036	16	0.010 *UJ*	0.077	0.44	2.9	8.3	7.7	2.1
NA12	MA0027B	09/19/2001		0.028	15	0.011 *U*	0.083	0.42	2.9	7.8	7.3	2.0
NA12	MA0027C	09/19/2001		0.032	17 *J*	0.011 *U*	0.049	0.52	3.1	9.0	8.3	2.2
NA12	MA0027D	09/19/2001		0.061 *J*	23 *J*	0.014 *U*	0.065 *J*	0.75 *J*	4.7	12	11	3.0
NA12	MA0027E	09/19/2001		0.036	17 *J*	0.011 *U*	0.063	0.55	3.3	8.8	8.1	2.2
NA20	MA0028A	09/19/2001		0.034	24	0.014 *U*	0.18	2.5	8.0	13	9.0	2.6
NA20	MA0028B	09/19/2001		0.023	17	0.013 *U*	0.12	2.0	5.8	8.5	6.0	1.7
NA20	MA0028CE	09/19/2001		0.022	13	0.011 *U*	0.099	1.3	4.2	6.6	5.0	1.5
NA20	MA0028D	09/19/2001		0.036	22	0.013 *U*	0.14	1.6	5.9	12	8.5	2.4
Southwest Marine												
SW04	MA0012A	09/19/2001		0.13	200 *J*	0.011 *U*	0.76	26	110	100	43	8.7
SW04	MA0012B	09/19/2001		0.14	160	0.010 *U*	0.70	18	85	88	38	7.5
SW04	MA0012C	09/19/2001		0.031	15 *J*	0.011 *U*	0.081	0.57	2.4	6.8	7.4	1.7
SW04	MA0012D	09/19/2001		0.068	140	0.011 *U*	0.61	18	77	72	30	5.7

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Congeners (cont.) 206	PCB Congeners (cont.) Total[a]	PCB Homologs Monochloro-biphenyl	Dichloro-biphenyl	Trichloro-biphenyl	Tetrachloro-biphenyl	Pentachloro-biphenyl	Hexachloro-biphenyl	Heptachloro-biphenyl
SW04	MA0012E	09/19/2001		0.12	200	0.011 *U*	0.80	25	110	110	44	9.4
SW08	MA0016A	09/19/2001		0.067	100	0.019	0.51	11	52	56	26	5.6
SW08	MA0016B	09/19/2001		0.091	98	0.019	0.53	9.6	48	54	25	4.7
SW08	MA0016C	09/19/2001		0.052	86	0.013	0.42	9.3	43	47	22	4.6
SW08	MA0016D	09/19/2001		0.083	130	0.020	0.65	15	66	74	34	7.3
SW08	MA0016E	09/19/2001		0.061	90	0.019	0.51	10	46	49	23	4.8
SW13	MA0022A	09/19/2001		0.047	23	0.010 *U*	0.082	1.2	7.4	12	10	3.1
SW13	MA0022B	09/19/2001		0.035	28	0.010 *U*	0.14	2.3	11	16	8.8	2.0
SW13	MA0022C	09/19/2001		0.062 *J*	43 *J*	0.013 *U*	0.11 *J*	2.1	14	23	19	5.8
SW13	MA0022D	09/19/2001		0.097	180	0.011 *U*	0.82	26	100	98	40	8.1
SW13	MA0022E	09/19/2001		0.052	35 *J*	0.011 *U*	0.075	1.7	11	18	15	4.5
SW21	MA0019A	09/19/2001		0.15	140	0.011 *U*	0.25	6.4	55	70	80	25
SW21	MA0019B	09/19/2001		0.21	170	0.011 *U*	0.27	6.9	63	87	100	33
SW21	MA0019C	09/19/2001		0.17	170	0.011 *U*	0.33	7.8	64	86	96	32
SW21	MA0019D	09/19/2001		0.23	170	0.011 *U*	0.32	6.7	61	79	96	33
SW21	MA0019E	09/19/2001		0.13	110	0.0092 *UJ*	0.38 *J*	5.2	36	54	59	19
SW28	MA0029A	09/19/2001		0.15	130 *J*	0.014 *U*	0.083	1.5	13	44	82	32
SW28	MA0029B	09/19/2001		0.10	120	0.028 *U*	0.12	1.8	14	43	77	27
SW28	MA0029C	09/19/2001		0.11	140	1.7	3.0	5.5	18	53	83	28
SW28	MA0029D	09/19/2001		0.079	100 *J*	0.011 *U*	0.086	1.5	12	37	69	23
SW28	MA0029E	09/19/2001		0.10	120 *J*	0.011 *U*	0.10	1.8	14	43	78	27

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Homologs (cont.) Octachloro-biphenyl	Nonachloro-biphenyl	Decachloro-biphenyl	Total[a]
Lobster (whole body)							
Reference							
2230	BI0090	10/02/2002	1	2.8	0.39	0.15	42
2230	BI0091	10/02/2002	2	2.8	0.46	0.16	31
2230	BI0092	10/02/2002	3	2.4	0.35	0.14	33
2230	BI0093	10/02/2002	4	4.2	0.52	0.18	53
2230	BI0094	10/02/2002	5	2.4	0.41	0.16	25
NASSCO							
NSCO-Lob	BI0058	09/26/2002	1	3.1	0.49	0.18	28
NSCO-Lob	BI0059	09/27/2002	2	4.7	0.86	0.30	58
NSCO-Lob	BI0060	09/27/2002	3	2.7	0.40	0.15	31
NSCO-Lob	BI0061	09/27/2002	4	5.0	0.75	0.26	54
NSCO-Lob	BI0062	09/27/2002	5	8.4	1.5	0.43	130
NSCO-Lob	BI0063	09/28/2002	6	4.6	0.61	0.20	63
NSCO-Lob	BI0064	09/28/2002	7	3.5	0.58	0.21	51
Southwest Marine							
SWM-Lob	BI0075	09/29/2002	1	3.1	0.52	0.15	51
SWM-Lob	BI0076	09/29/2002	2	3.0	0.45	0.15	41
SWM-Lob	BI0077	09/29/2002	3	6.5	0.71	0.20	72
SWM-Lob	BI0078	09/29/2002	4	2.5	0.41	0.13	36
SWM-Lob	BI0079	09/29/2002	5	4.0	0.51	0.16	58
Lobster (edible tissue)							
Reference							
2230	BI0085	10/02/2002	1	0.58	0.085	0.031	9.3
2230	BI0086	10/02/2002	2	0.57	0.091	0.027	6.1
2230	BI0087	10/02/2002	3	0.38	0.059	0.024	6.5
2230	BI0088	10/02/2002	4	1.0	0.21	0.052	11
2230	BI0089	10/02/2002	5	0.55	0.097	0.034	5.9
NASSCO							
NSCO-Lob	BI0004	09/08/2002	1	0.90	0.20	0.051	11
NSCO-Lob	BI0005	09/08/2002	2	0.46	0.086	0.031	5.4
NSCO-Lob	BI0009	09/20/2002	3	0.59	0.085	0.033	9.7
NSCO-Lob	BI0010	09/20/2002	4	1.1	0.22	0.075	9.5
Southwest Marine							
SWM-Lob	BI0001	08/27/2002	1	0.41	0.073	0.029	6.2
SWM-Lob	BI0002	08/27/2002	2	1.1	0.18	0.056	13
SWM-Lob	BI0003	08/27/2002	3	0.58	0.10	0.034	10
SWM-Lob	BI0073	09/29/2002	4	2.1	0.54	0.067	23
SWM-Lob	BI0074	09/29/2002	5	0.81	0.11	0.033	10
Spotted sand bass (whole body)							
Reference							
2240	BI0048	09/27/2002	1	20	5.2	2.7	460
2240	BI0049	09/27/2002	2	11	2.1	0.88	470
2240	BI0050	09/27/2002	3	24	5.8	2.9	640
2240	BI0051	09/27/2002	4	14	3.5	1.9	450
2240	BI0052	09/27/2002	5	25	5.3	2.4	850

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Homologs (cont.) Octachloro-biphenyl	Nonachloro-biphenyl	Decachloro-biphenyl	Total[a]
NASSCO							
NAFI01	BI0028	09/26/2002	1	53	15	4.8	1,300
NAFI01	BI0029	09/26/2002	2	57	15	5.3	1,400
NAFI01	BI0030	09/26/2002	3	16	3.8	1.4	410
NAFI01	BI0031	09/26/2002	4	30	7.0	2.5	840
NAFI01	BI0032	09/26/2002	5	19	4.6	1.8	470
NAFI02	BI0065	09/28/2002	1	33	7.6	3.3	750
NAFI02	BI0066	09/28/2002	2	24	5.7	2.4	640
NAFI02	BI0067	09/28/2002	3	26	5.8	2.0	650
NAFI02	BI0068	09/28/2002	4	13	2.9	1.2	390
NAFI02	BI0080	09/29/2002	5	26	5.8	2.3	740
Southwest Marine							
SWFI01	BI0019	09/25/2002	1	13	2.9	1.3	520
SWFI01	BI0020	09/25/2002	2	11	2.6	0.93	260
SWFI01	BI0021	09/25/2002	3	29	5.6	1.8	640
SWFI01	BI0022	09/25/2002	4	23	6.4	2.5	760
SWFI01	BI0023	09/25/2002	5	8.4	2.2	0.90	360
SWFI02	BI0038	09/27/2002	1	14	2.9	1.5	430
SWFI02	BI0039	09/27/2002	2	25	5.1	1.9	880
SWFI02	BI0040	09/27/2002	3	27	5.1	2.2	860
SWFI02	BI0041	09/27/2002	4	21	5.0	2.4	580
SWFI02	BI0042	09/27/2002	5	23	5.3	2.3	460
Spotted sand bass (fillet)							
Reference							
2240	BI0043	09/27/2002	1	4.4	1.0	0.36	140
2240	BI0044	09/27/2002	2	0.62	0.19	0.084	14
2240	BI0045	09/27/2002	3	2.8	0.76	0.36	65
2240	BI0046	09/27/2002	4	1.7	0.52	0.26	47
2240	BI0047	09/27/2002	5	5.5	1.3	0.78	130
NASSCO							
NAFI01	BI0013	09/26/2002	1	2.2	0.58	0.28	34
NAFI01	BI0024	09/26/2002	2	2.6	0.62	0.28	56
NAFI01	BI0025	09/26/2002	3	2.4	0.64	0.33	80
NAFI01	BI0026	09/26/2002	4	3.8	0.88	0.42	75
NAFI01	BI0027	09/26/2002	5	0.61	0.16	0.077	19
NAFI02	BI0053	09/27/2002	1	6.5	1.4	0.84	190
NAFI02	BI0054	09/27/2002	2	3.2	0.72	0.44	87
NAFI02	BI0055	09/27/2002	3	4.4	0.97	0.57	120
NAFI02	BI0056	09/27/2002	4	2.7	0.62	0.33	62
NAFI02	BI0057	09/28/2002	5	5.1	1.1	0.59	130
Southwest Marine							
SWFI01	BI0014	09/25/2002	1	2.5	0.57	0.29	59
SWFI01	BI0015	09/25/2002	2	21	2.2	0.60	330
SWFI01	BI0016	09/25/2002	3	3.8	0.49	0.16	66
SWFI01	BI0017	09/25/2002	4	29	2.6	0.41	460
SWFI01	BI0018	09/25/2002	5	13	2.5	0.97	260
SWFI02	BI0033	09/27/2002	1	6.1	1.1	0.38	180

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Homologs (cont.) Octachloro-biphenyl	Nonachloro-biphenyl	Decachloro-biphenyl	Total[a]
SWFI02	BI0034	09/27/2002	2	2.5	0.50	0.24	73
SWFI02	BI0035	09/27/2002	3	1.9	0.44	0.26	38
SWFI02	BI0036	09/27/2002	4	5.0	1.7	0.78	140
SWFI02	BI0037	09/27/2002	5	2.9	0.68	0.40	84
Forage fish (whole body)							
Reference							
2240	BI0071-1	09/28/2002	1	7.4	1.0	0.40	430
2240	BI0071-2	09/28/2002	2	6.4	1.1	0.31	390
2240	BI0071-3	09/28/2002	3	7.4	1.3	0.34	480
NASSCO							
NAFI01	BI0081	09/29/2002		7.3	0.85	0.22	570
NAFI02	BI0070-1	09/28/2002	1	9.5	1.1	0.31	650
NAFI02	BI0070-2	09/28/2002	2	8.2	1.0	0.29	580
NAFI02	BI0070-3	09/29/2002	3	8.6	1.0	0.26	620
NAFI02	BI0070-4	09/29/2002	4	7.7	0.91	0.25	580
Southwest Marine							
SWFI01	BI0083-1	10/01/2002	1	22	3.9	1.1	900
SWFI01	BI0083-2	10/01/2002	2	20	3.8	1.0	920
SWFI01	BI0083-3	10/01/2002	3	17	4.2	1.1	930
SWFI02	BI0069	09/28/2002		9.6	1.4	0.48	540
Mussel (soft tissue)							
Reference							
2240	BI0008	09/16/2002		0.68	0.042	0.036	85
NASSCO							
NA19	BI0006	09/16/2002		0.85	0.069	0.056	110
NA24	BI0012	09/23/2002		1.0	0.055	0.040	150
Southwest Marine							
SW18	BI0007	09/16/2002		0.82	0.047	0.035	140
SW27	BI0011	09/23/2002		0.94	0.049	0.037	170
Eelgrass							
Reference							
2240-EG	BI0095	10/02/2002		0.038	0.010 *U*	0.010 *U*	3.6
NASSCO							
NA-EG-1	BI0084	10/02/2002		0.27	0.056	0.046	16
Southwest Marine							
SW-EG-1	BI0082	10/01/2002		0.24	0.041	0.020	11
***Macoma* tissue for bioaccumulation tests**							
Control							
CONTROL	ControlA	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.47
CONTROL	ControlB	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.48
CONTROL	ControlC	09/19/2001		0.015 *U*	0.023 *U*	0.017 *U*	0.71 *J*
CONTROL	ControlD	09/19/2001		0.84	0.081	0.041	68
CONTROL	ControlE	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.28 *U*
Reference							
2441	MA0034A	10/06/2001		0.12	0.015	0.016	6.6
2441	MA0034B	10/06/2001		0.11	0.015	0.015	6.6
2441	MA0034C	10/06/2001		0.098	0.013	0.015	6.3

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Homologs (cont.) Octachloro-biphenyl	Nonachloro-biphenyl	Decachloro-biphenyl	Total[a]
2441	MA0034D	10/06/2001		0.11	0.017	0.017	7.3
2441	MA0034E	10/06/2001		0.078	0.013 *U*	0.017	5.6
2433	MA0041A	09/19/2001		0.30	0.046	0.030	15
2433	MA0041B	09/19/2001		0.34	0.051	0.034	19
2433	MA0041C	09/19/2001		0.23	0.025	0.023	14
2433	MA0041D	09/19/2001		0.33	0.053	0.033	19
2433	MA0041E	09/19/2001		0.25	0.051	0.029	16
2440	MA0043A	09/19/2001		0.56	0.059	0.032	48
2440	MA0043B	09/19/2001		0.35	0.053	0.035	32
2440	MA0043C	09/19/2001		0.21	0.034	0.029	22
2440	MA0043D	09/19/2001		0.39	0.065	0.042	30
2440	MA0043E	09/19/2001		0.34	0.054	0.036	29
2231	MA0013A	09/19/2001		0.45	0.10 *J*	0.061 *J*	21 *J*
2231	MA0013B	09/19/2001		0.46	0.066	0.046	22
2231	MA0013C	09/19/2001		0.30	0.047	0.032	16 *J*
2231	MA0013D	09/19/2001		0.29	0.050	0.033	16 *J*
2231	MA0013E	09/19/2001		0.28	0.048	0.032	15 *J*
2243	MA0049A	09/19/2001		0.26	0.040	0.035	18
2243	MA0049B	09/19/2001		0.31	0.048	0.037	21
2243	MA0049C	09/19/2001		0.27	0.046	0.036	19
2243	MA0049D	09/19/2001		0.011 *U*	0.011 *U*	0.011 *U*	0.54 *J*
2243	MA0049E	09/19/2001		0.29	0.049 *J*	0.037 *J*	20 *J*
NASSCO							
NA06	MA0020A	09/19/2001		0.67	0.14	0.052 *J*	80 *J*
NA06	MA0020B	09/19/2001		0.43	0.059	0.028	58
NA06	MA0020C	09/19/2001		0.26	0.050	0.041	28
NA06	MA0020D	09/19/2001		0.81	0.10 *J*	0.047 *J*	100 *J*
NA06	MA0020E	09/19/2001		0.67	0.098	0.046	83
NA11	MA0021A	09/19/2001		0.44	0.052	0.028	38
NA11	MA0021B	09/19/2001		0.39	0.046	0.027	33
NA11	MA0021C	09/19/2001		0.36	0.063 *J*	0.036 *J*	31 *J*
NA11	MA0021D	09/19/2001		0.49	0.063	0.042	40
NA11	MA0021E	09/19/2001		0.51	0.079 *J*	0.048 *J*	38 *J*
NA12	MA0027A	09/19/2001		0.33	0.051	0.034	22 *J*
NA12	MA0027B	09/19/2001		0.28	0.041	0.028	21
NA12	MA0027C	09/19/2001		0.35	0.045	0.029	24
NA12	MA0027D	09/19/2001		0.49	0.084 *J*	0.054 *J*	32 *J*
NA12	MA0027E	09/19/2001		0.34	0.051	0.031	23
NA20	MA0028A	09/19/2001		0.43	0.034	0.026	35
NA20	MA0028B	09/19/2001		0.28	0.023	0.019	24
NA20	MA0028CE	09/19/2001		0.23	0.022	0.015	19
NA20	MA0028D	09/19/2001		0.39	0.036	0.025	31
Southwest Marine							
SW04	MA0012A	09/19/2001		1.4	0.18	0.061 *J*	290 *J*
SW04	MA0012B	09/19/2001		1.1	0.20	0.056	240
SW04	MA0012C	09/19/2001		0.28	0.044	0.033	19
SW04	MA0012D	09/19/2001		0.92	0.092	0.033	200

Table E-6. (cont.)

Station	Sample Number	Date	Field Replicate	PCB Homologs (cont.) Octachloro-biphenyl	Nonachloro-biphenyl	Decachloro-biphenyl	Total[a]
SW04	MA0012E	09/19/2001		1.4	0.17	0.048 *J*	300 *J*
SW08	MA0016A	09/19/2001		0.90	0.090	0.028	150
SW08	MA0016B	09/19/2001		0.80	0.13	0.040	140
SW08	MA0016C	09/19/2001		0.72	0.070	0.023	130
SW08	MA0016D	09/19/2001		1.2	0.11	0.036	200
SW08	MA0016E	09/19/2001		0.81	0.080	0.026	130
SW13	MA0022A	09/19/2001		0.42	0.061	0.032	34
SW13	MA0022B	09/19/2001		0.32	0.048	0.023	40
SW13	MA0022C	09/19/2001		0.79	0.085 *J*	0.041 *J*	64 *J*
SW13	MA0022D	09/19/2001		1.2	0.13	0.046	270
SW13	MA0022E	09/19/2001		0.72	0.070	0.035	52
SW21	MA0019A	09/19/2001		3.9	0.21	0.033	240
SW21	MA0019B	09/19/2001		4.4	0.28	0.048 *J*	300 *J*
SW21	MA0019C	09/19/2001		4.0	0.23	0.040 *J*	290 *J*
SW21	MA0019D	09/19/2001		4.8	0.32	0.057 *J*	280 *J*
SW21	MA0019E	09/19/2001		2.6	0.18	0.028	180 *J*
SW28	MA0029A	09/19/2001		4.4	0.20	0.093	180
SW28	MA0029B	09/19/2001		3.2	0.13	0.035	170
SW28	MA0029C	09/19/2001		3.0	0.16	0.049	200
SW28	MA0029D	09/19/2001		2.4	0.10	0.028	140
SW28	MA0029E	09/19/2001		3.2	0.14	0.034	170

Note: All results are reported as μg/kg wet weight.

J - estimated
PCB - polychlorinated biphenyl
U - undetected at quantitation limit shown

[a] Sums were calculated using one-half the quantitation limit for those compounds that were not detected.