

TABLES

TABLE 1
COMPREHENSIVE SHORELINE SEGMENT IDENTIFICATION SUMMARY
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Segment	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
E1-01	<i>Grey Gables-Gilder Road Beach</i>	<i>Bourne</i>	<i>Very Light</i>	<i><1.00</i>
E1-02	<i>Mashnee/Hog Islands North</i>	<i>Bourne</i>	<i>Very Light</i>	<i><1.00</i>
E1-03	<i>Mashnee Island</i>	<i>Bourne</i>	<i>Very Light</i>	<i><1.00</i>
E1-04	Mashnee/Hog Islands South	Bourne	Clean	0.00
E1-05	Monument Beach	Bourne	Clean	0.00
E1-06	Phinney's Harbor South	Falmouth	Clean	0.00
E1-07	<i>Wings Neck</i>	<i>Falmouth</i>	<i>Very Light</i>	<i>1.00</i>
E1-08	<i>Barlow's Landing</i>	<i>Bourne</i>	<i>Very Light</i>	<i><1.00</i>
E1-09	<i>Patuisset</i>	<i>Bourne</i>	<i>Very Light</i>	<i><1.00</i>
E1-10	<i>Scraggy Neck North</i>	<i>Bourne</i>	<i>Very Light</i>	<i>1.00</i>
E1-11	Scraggy Neck South	Bourne	Very Light	<1.00
E1-12	<i>Megansett Beach</i>	<i>Falmouth</i>	<i>Very Light</i>	<i>1.00</i>
E1-13	Nye's Neck	Falmouth	Heavy	2.92
E1-14	New Silver Beach (Wild Harbor)	Falmouth	Clean	0.00
E1-15	Crow Point	Falmouth	Clean	0.00
E1-16	Old Silver Beach	Falmouth	Clean	0.00
E2-01	<i>Falmouth Cliffs</i>	<i>Falmouth</i>	<i>Very Light</i>	<i><1.00</i>
E2-02	<i>West Falmouth Harbor</i>	<i>Falmouth</i>	<i>Very Light</i>	<i><1.00</i>
E2-03	Chappaquoit Beach	Falmouth	Clean	0.00
E2-04	Black Beach	Falmouth	Clean	0.00
E2-05	<i>Saconesset Beach</i>	<i>Falmouth</i>	<i>Very Light</i>	<i><1.00</i>
E2-06	<i>Hamlin's Point Beach</i>	<i>Falmouth</i>	<i>Very Light</i>	<i><1.00</i>
E2-07	<i>Wood Neck Beach</i>	<i>Falmouth</i>	<i>Very Light</i>	<i><1.00</i>
E2-08	<i>Racing Beach</i>	<i>Falmouth</i>	<i>Very Light</i>	<i><1.00</i>
E2-09	<i>Quissett Harbor</i>	<i>Falmouth</i>	<i>Very Light</i>	<i><1.00</i>
E2-10	<i>Long Neck to Gansett Point</i>	<i>Woods Hole</i>	<i>Very Light</i>	<i><1.00</i>
E2-11	<i>Penzance Island</i>	<i>Woods Hole</i>	<i>Very Light</i>	<i><1.00</i>
E3-01	<i>Penikese Island</i>	<i>Gosnold</i>	<i>Very Light</i>	<i>1.00</i>
E3-02	<i>Cuttyhunk Island</i>	<i>Gosnold</i>	<i>Light</i>	<i>1.72</i>
E3-03	<i>Nashaweena Island</i>	<i>Gosnold</i>	<i>Very Light</i>	<i>1.00</i>
E3-04	<i>Pasque Island</i>	<i>Gosnold</i>	<i>Light</i>	<i>1.21</i>
E3-05	<i>Naushon Island</i>	<i>Gosnold</i>	<i>Light</i>	<i>1.21</i>
E3-06	Uncatena Island	Gosnold	Light	<1.00
E3-07	<i>Weepecket Islands</i>	<i>Gosnold</i>	<i>Very Light</i>	<i>1.00</i>
W1B-01	Taylor Point Canal	Buzzards Bay	Clean	0.00
W1B-02	Taylor Point North	Buzzards Bay	Clean	0.00
W1B-03	Butler Cove	Wareham	Clean	0.00
W1B-04	Jacob's Neck	Wareham	Clean	0.00
W1B-05	Pleasant Harbor	Wareham	Clean	0.00
W1B-06	Broad Cove (+seg 6.5)	Wareham	Clean	0.00

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B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Segment	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
W1B-07	<i>Stony Point Dike</i>	Wareham	<i>Very Light</i>	<1.00
W1B-08	<i>Temples Knob</i>	Wareham	<i>Very Light</i>	<1.00
W1B-09	Little Harbor Beach	Wareham	Clean	0.00
W1B-10	Little Harbor	Wareham	Clean	0.00
W1B-11	Bourne Cove	Wareham	Clean	0.00
W1B-12	Warren Point (MA)	Wareham	Moderate	3.00
W1B-13	<i>Indian Neck</i>	Wareham	<i>Very Light</i>	1.00
W1B-14	<i>Long Beach</i>	Wareham	<i>Very Light</i>	1.00
W1B-15	Wareham River East Shore	Wareham	Moderate	1.80
W1B-16	<i>Minot Forest Beach</i>	Wareham	<i>Moderate</i>	3.00
W1B-17	<i>Wareham Neck North</i>	Wareham	<i>Very Light</i>	<1.00
W1B-18	Pinehurst Beach	Wareham	Clean	0.00
W1B-19	Broad Marsh River East	Wareham	Clean	0.00
W1B-20	Broad Marsh River West	Wareham	Clean	0.00
W1B-21	<i>Swift's Neck Beach</i>	Wareham	<i>Light</i>	2.00
W1B-22	<i>Swift's Beach</i>	Wareham	<i>Light</i>	2.00
W1B-23	<i>Mark's Cove</i>	Wareham	<i>Light</i>	2.00
W1B-24	<i>Nobska Beach</i>	Wareham	<i>Very Light</i>	<1.00
W1B-25	Cromeset Beach	Wareham	Clean	0.00
W1B-26	Briarwood Beach	Wareham	Clean	0.00
W1B-27	Rose Point	Wareham	Clean	0.00
W1B-28	<i>Weweantic River West Shore</i>	Marion	<i>Very Light</i>	<1.00
W1B-29	Delano Road North	Marion	Clean	0.00
W1B-30	Delano Road South	Marion	Clean	0.00
W1B-31	Great Hill Point	Marion	Moderate	3.00
W1B-32	<i>Piney Point Beach</i>	Marion	<i>Very Light</i>	<1.00
W1B-33	Piney Point South	Marion	Moderate	3.00
W1C-00	<i>Bird Island</i>	Marion	<i>Very Light</i>	1.00
W1C-01	Butler's Point	Marion	Moderate	3.00
W1C-02	Planting Island Causeway	Marion	Moderate	1.64
W1C-03	Planting Island Cove	Marion	Clean	0.00
W1C-04	Blankinship Cove	Marion	Moderate	1.46
W1C-05	Sippican Harbor East	Marion	Moderate	3.00
W1C-06	Hammet's Cove Beach	Marion	Clean	0.00
W1C-07	Little Neck	Marion	Clean	0.00
W1C-08	Tabor Academy Beach	Marion	Clean	0.00
W1C-09	Marion Town Beach	Marion	Clean	0.00
W1C-10	Silvershell Beach	Marion	Clean	0.00
W1C-11	Sippican Harbor West	Marion	Clean	0.00
W1C-12	Converse Point East	Marion	Moderate	2.63

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Segment	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
W1C-13	<i>Little Ram Island</i>	Marion	<i>Very Light</i>	<1.00
W1D-01	Aucoot Cove	Mattapoissett	Moderate	1.46
W1D-02	<i>Harbor Beach</i>	<i>Mattapoissett</i>	<i>Very Light</i>	<1.00
W1D-03	Holly Woods / Hiller Cove	Mattapoissett	Light	2.00
W1D-04	Holly Woods / Peases Point	Mattapoissett	Moderate	2.23
W1D-05	Point Connett Beach	Mattapoissett	Light	2.00
W1E-01	Nye Cove / Strawberry Cove	Mattapoissett	Light	1.33
W1E-02	Strawberry Cove	Mattapoissett	Light	1.46
W1E-03	Strawberry Point West	Mattapoissett	Moderate	2.28
W1E-04	Crescent Beach	Mattapoissett	Heavy	3.92
W1E-05	Mattapoissett Harbor East	Mattapoissett	Moderate	1.26
W1E-06	Mattapoissett Town Beach	Mattapoissett	Moderate	3.00
W1F-01	Brandt Beach	Mattapoissett	Heavy	2.49
W1F-02	Brandt Island West	Mattapoissett	Heavy	3.34
W1F-03	Brandt Island East	Mattapoissett	Heavy	3.07
W1F-04	Brandt Island Cove	Mattapoissett	Heavy	2.19
W1F-05	Mattapoissett Neck West	Mattapoissett	Heavy	3.77
W1F-06	Mattapoissett Neck South	Mattapoissett	Heavy	2.74
W1F-07	Mattapoissett Shores	Mattapoissett	Moderate	2.94
W1F-08	Mattapoissett Neck East	Mattapoissett	Heavy	1.08
W1F-09	Mattapoissett Harbor North	Mattapoissett	Moderate	1.00
W1G-00	Ram Island	Mattapoissett	Heavy	2.89
W2A-01	Fort Phoenix	Fairhaven	Moderate	1.79
W2A-02	Harbor View	Fairhaven	Moderate	2.79
W2A-03	Pope's Beach	Fairhaven	Moderate	3.00
W2A-04	Manhattan Ave	Fairhaven	Heavy	3.65
W2A-05	Sunset Beach	Fairhaven	Light	2.00
W2A-06	Silver Shell Beach	Fairhaven	Light	2.00
W2A-07	Sconticut Neck West	Fairhaven	Heavy	2.17
W2A-08	Wilbur Point	Fairhaven	Moderate	2.40
W2A-09	Sconticut Neck East	Fairhaven	Moderate	3.00
W2A-10	Long Island and Causeway South	Fairhaven	Heavy	3.44
W2A-11	West Island West	Fairhaven	Heavy	3.95
W2A-12	Rocky Point to East Cove	Fairhaven	Heavy	1.19
W2A-13	East Cove	Fairhaven	Light	1.00
W2A-14	Pine Creek to North Point	Fairhaven	Moderate	3.00
W2A-15	<i>West Island North</i>	<i>Fairhaven</i>	<i>Light</i>	<i>1.10</i>
W2A-16	<i>Long Island and Causeway North</i>	<i>Fairhaven</i>	<i>Very Light</i>	<1.00
W2A-17	<i>Sconticut Neck Northeast (Marsh)</i>	<i>Fairhaven</i>	<i>Very Light</i>	<1.00
W2A-18	<i>Little Bay (Marsh)</i>	<i>Fairhaven</i>	<i>Very Light</i>	<1.00

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BUZZARDS BAY, MASSACHUSETTS

Segment	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
W2A-19	Shaw Cove	Fairhaven	Heavy	2.23
W2B-01	<i>Round Hill to Barekneed Rocks</i>	<i>Dartmouth</i>	<i>Light</i>	2.00
W2B-02	<i>Padanaram Harbor</i>	<i>Dartmouth</i>	<i>Light</i>	<1.00
W2B-03	<i>Clarke's Cove West</i>	<i>Dartmouth/New</i>	<i>Very Light</i>	1.00
W2B-04	<i>Clarke's Cove East</i>	<i>New Bedford</i>	<i>Light</i>	1.60
W2B-05	Fort Taber	New Bedford	Moderate	1.44
W2B-06	<i>Clarke's Point East</i>	<i>New Bedford</i>	<i>Very Light</i>	<1.00
W2B-09	New Bedford Harbor (inner)	New Bedford	Clean	0.00
W3A-01	Mishaum Point East	Dartmouth	Heavy	1.05
W3A-02	Salters Point West	Dartmouth	Moderate	3.00
W3A-03	Pier Beach (Salter's Point)	Dartmouth	Moderate	2.44
W3A-04	Salters Point East	Dartmouth	Light	2.00
W3A-05	Round Hill Beach West	Dartmouth	Heavy	2.14
W3A-06	Round Hill Beach East	Dartmouth	Heavy	2.77
W3B-01	<i>Slocum's River</i>	<i>Dartmouth</i>	<i>Light</i>	1.37
W3B-02	Mishaum Point West	Dartmouth	Heavy	3.65
W3C-01	<i>East Beach (Westport)</i>	<i>Westport</i>	<i>Light</i>	2.00
W3C-02	<i>Little Beach</i>	<i>Dartmouth</i>	<i>Light</i>	1.00
W3C-03	Barney's Joy (W of barbed)	Dartmouth	Heavy	4.00
W3C-04	Barney's Joy (E of barbed)	Dartmouth	Heavy	2.60
W3C-05	<i>Demarest Lloyd State Park Beach</i>	<i>Dartmouth</i>	<i>Very Light</i>	1.00
W3C-06	Demarest Lloyd State Park Marsh	Dartmouth	Very Light	1.00
W3D-01	<i>Quicksand Point</i>	<i>Westport</i>	<i>Very Light</i>	1.00
W3D-02	<i>Cockeast Pond Beach</i>	<i>Westport</i>	<i>Light</i>	2.00
W3D-03	<i>Elephant Rock Beach</i>	<i>Westport</i>	<i>Light</i>	2.00
W3D-04	<i>Horseneck Beach West</i>	<i>Westport</i>	<i>Moderate</i>	2.18
W3D-05	<i>Horseneck Beach East</i>	<i>Westport</i>	<i>Light</i>	1.71
W3D-06	<i>Gooseberry Neck East</i>	<i>Westport</i>	<i>Moderate</i>	2.06
W3D-07	Gooseberry Neck East	Westport	Moderate	2.05

Notes:

1. Highlighted segments were not part of the Site.
2. Italicized segments were included in the May 21, 2004 Partial RAO Report.
3. RAO = Response Action Outcome.

**TABLE 2
SUMMARY OF REMAINING SEGMENTS
B 120 RELEASE
BUZZARDS BAY, MASSACHUSETTS**

Segment ID	Segment Name	Town	Primary Shoreline Classification	Secondary Shoreline Classification	Maximum Degree of Initial Oiling	Oil Ranking Score	IRAC Status (As of September 3, 2003)
E1-11	Scraggy Neck South	Bourne	1C	1B	Very Light	<1.00	FTF
E1-13	Nye's Neck	Falmouth	1C	1B	Heavy	2.92	FTF
E1-14	New Silver Beach (sunset pt)	Falmouth	1A	1C, 1F	Clean	0.00	Pass
E1-15	Crow Point	Falmouth	1D	1B, 1C	Clean	0.00	Pass
E3-06	Uncatena Island	Gosnold	1C	1B, 1D, 1E, 1F	Light	<1.00	Not Inspected
W1B-12	Warren Point (MA)	Wareham	1C	NA	Moderate	3.00	Pass
W1B-15	Wareham River East Shore	Wareham	1F	1B, 1C, 1D	Moderate	1.80	Pass
W1B-31	Great Hill Point	Marion	1C	1B, 1F	Moderate	3.00	Pass
W1B-33	Piney Point South	Marion	1C	1B, 1F	Moderate	3.00	Pass
W1C-01	Butler's Point	Marion	1D	1C	Moderate	3.00	FTF
W1C-02	Planting Island Causeway	Marion	1D	1B, 1C, 1F	Moderate	1.64	Not Inspected
W1C-04	Blankinship Cove	Marion	1F	1E	Moderate	1.46	Pass
W1C-05	Sippican Harbor East	Marion	1D	1B, 1C, 1F	Moderate	3.00	Pass
W1C-10	Silver Shell Beach	Marion	1A	1F	Clean	0.00	NFA
W1C-11	Sippican Harbor West	Marion	1F	1B	Clean	0.00	Pass
W1C-12	Converse Point East	Marion	1C	1D, 1F	Moderate	2.63	NFA
W1D-01	Aucoot Cove	Mattapoisett	1F	1A, 1C	Moderate	1.46	Pass
W1D-03	Holly Woods / Hiller Cove	Mattapoisett	1C	1B, 1F	Light	2.00	Pass
W1D-04	Holly Woods / Peases Point	Mattapoisett	1D	1B, 1C	Moderate	2.23	Pass
W1D-05	Point Connett Beach	Mattapoisett	1B	1C, 1F	Light	2.00	Pass
W1E-01	Nye Cove / Strawberry Cove	Mattapoisett	1C	1B, 1F	Light	1.33	Pass
W1E-02	Strawberry Cove	Mattapoisett	1F	1C	Light	1.46	NFA
W1E-03	Strawberry Point West	Mattapoisett	1C	1B, 1F	Moderate	2.28	FTF
W1E-04	Crescent Beach	Mattapoisett	1C	1B, 1F	Heavy	3.92	Pass
W1E-05	Mattapoisett Harbor East	Mattapoisett	1D	1B, 1C, 1F	Moderate	1.26	Pass
W1E-06	Mattapoisett Town Beach	Mattapoisett	1D	1A, 1C, 1F	Moderate	3.00	Pass
W1F-01	Brandt Beach	Mattapoisett	1D	1B, 1C, 1F	Heavy	2.49	Pass
W1F-02	Brandt Island West (Howards Beach)	Mattapoisett	1D	1B, 1C, 1F	Heavy	3.34	NFA
W1F-03	Brandt Island East	Mattapoisett	1D	1B, 1C, 1F	Heavy	3.07	NFA
W1F-04	Brandt Island Cove	Mattapoisett	1F	1C	Heavy	2.19	Pass
W1F-05	Mattapoisett Neck West	Mattapoisett	1F	1C, 1E	Heavy	3.77	Pass

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SUMMARY OF REMAINING SEGMENTS
B 120 RELEASE
BUZZARDS BAY, MASSACHUSETTS**

Segment ID	Segment Name	Town	Primary Shoreline Classification	Secondary Shoreline Classification	Maximum Degree of Initial Oiling	Oil Ranking Score	IRAC Status (As of September 3, 2003)
W1F-06	Mattapoisett Neck South	Mattapoisett	1C	1B, 1F	Heavy	2.74	NFA
W1F-07	Mattapoisett Shores	Mattapoisett	1B	1C	Moderate	2.94	Pass
W1F-08	Mattapoisett Neck East	Mattapoisett	1C	1B, 1F	Heavy	1.08	Pass
W1F-09	Mattapoisett Harbor North	Mattapoisett	1B	1B, 1C	Moderate	1.00	Pass
W1G-00	Ram Island	Mattapoisett	1C	1F, 2	Heavy	2.89	Pass
W2A-01	Fort Phoenix	Fairhaven	1C	1A, 1D	Moderate	1.79	Pass
W2A-02	Harbor View	Fairhaven	1F	1B, 1C	Moderate	2.79	Pass
W2A-03	Pope's Beach	Fairhaven	1F	1A, 1B, 1C, 1D	Moderate	3.00	Pass
W2A-04	Manhattan Ave	Fairhaven	1C	1A, 1B, 1D	Heavy	3.65	Pass
W2A-05	Sunset Beach	Fairhaven	1C	1A, 1D	Light	2.00	NFA
W2A-06	Silver Shell Beach	Fairhaven	1C	1B, 1D, 1F	Light	2.00	NFA
W2A-07	Sconticut Neck West	Fairhaven	1C	1A, 1B, 1D, 1E, 1F	Heavy	2.17	Pass
W2A-08	Wilbur Point	Fairhaven	1D	1A, 1B, 1C	Moderate	2.40	Pass
W2A-09	Sconticut Neck East	Fairhaven	1D	1B, 1C, 1F	Moderate	3.00	Pass
W2A-10	Long Island and Causeway South	Fairhaven	1C	1A, 1B, 1D, 1F	Heavy	3.44	NFA
W2A-11	West Island West	Fairhaven	1C	1A, 1B, 1D, 1F	Heavy	3.95	Pass
W2A-12	Rocky Point to East Cove (Town Beach)	Fairhaven	1A	1C, 1E, 1F	Heavy	1.19	Pass
W2A-13	East Cove	Fairhaven	1A	1C, 1F	Light	1.00	Pass
W2A-14	Pine Creek to North Point	Fairhaven	1C	1B, 1F	Moderate	3.00	Pass
W2A-19	Shaw Cove	Fairhaven	1F	1A, 1B, 1C	Heavy	2.23	Pass
W2B-05	Fort Taber	New Bedford	1D	1A, 1C	Moderate	1.44	FTF
W3A-01	Mishaum Point East	Dartmouth	1C	1B	Heavy	1.05	Pass
W3A-02	Salter's Point West	Dartmouth	1B	1C, 1F	Moderate	3.00	Pass
W3A-03	Pier Beach (Salter's Point)	Dartmouth	1D	1B, 1C	Moderate	2.44	Pass
W3A-04	Salter's Point East	Dartmouth	1B	1C, 1D	Light	2.00	Pass
W3A-05	Round Hill Beach West	Dartmouth	1A	1B, 1C, 1F	Heavy	2.14	Pass
W3A-06	Round Hill Beach East	Dartmouth	1B	1C, 1D, 1E	Heavy	2.77	NFA
W3B-02	Mishaum Point West	Dartmouth	1C	1B, 1D, 1E	Heavy	3.65	Not Inspected
W3C-03	Barney's Joy West	Dartmouth	1B	1C, 1F, 3	Heavy	4.00	Pass
W3C-04	Barney's Joy East	Dartmouth	1C	1B, 2, 3	Heavy	2.60	Not Inspected
W3C-06	Demarest Lloyd State Park Marsh	Dartmouth	1F	1B	Very Light	1.00	Pass
W3D-07	Gooseberry Neck East	Westport	1C	1E	Moderate	2.05	Pass

NOTES:

1. FTF = Did not pass IRAC and further treatment was deemed to be feasible.
2. NFA = Did not pass IRAC and no further action was feasible.
3. NA = Not Applicable.
4. 1A = Heavily utilized, public recreational sand beaches.
5. 1B = Less utilized semi-public and private sand beaches.
6. 1C = Mixed sand and gravel, gravel (pebble to boulder) and rip rap groins (jetties).
7. 1D = Rip rap seawalls, bulkheads, piers, docks, and pilings.
8. 1E = Rocky (bedrock) shorelines.
9. 1F = Salt marshes.
10. 2 = Roseate tern habitat (Ram Island, Bird Island, and Penikese Island, in particular).
11. 3 = Piping plover habitat.

TABLE 3
SEGMENTS SELECTED FOR PHASE II INTERTIDAL SEDIMENT SAMPLING SUMMARY
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Segment ID	Segment Name	Town	Primary Shoreline Type	Maximum Degree of Initial Oiling	Oil Ranking Score
W3A-05	Round Hill Beach West	Dartmouth	1A	Heavy	2.14
W3C-03	Barney's Joy (W of barbed)	Dartmouth	1B	Heavy	4.00
W2A-10	Long Island / Causeway South	Fairhaven	1C	Heavy	3.44
W2A-11	West Island West	Fairhaven	1C	Heavy	3.95
W3C-04	Barney's Joy East	Dartmouth	1C	Heavy	2.60
W1E-04	Crescent Beach	Mattapoisett	1C	Heavy	3.92
W1F-02	Brandt Island West (Howards Beach)	Mattapoisett	1D	Heavy	3.34
W2A-03	Pope's Beach	Fairhaven	1F	Moderate	3.00
W1E-02	Strawberry Cove	Mattapoisett	1F	Light	1.46
W1D-01	Aucoot Cove	Mattapoisett	1F	Moderate	1.46
W1F-05	Mattapoisett Neck West	Mattapoisett	1F	Heavy	3.77
W2A-02	Harbor View	Fairhaven	1F	Moderate	2.79

NOTES:

1. 1A = Heavily utilized, public recreational sand beaches.
2. 1B = Less utilized semi-public and private sand beaches.
3. 1C = Mixed sand and gravel, gravel (pebble to boulder) and rip rap groins (jetties).
4. 1D = Rip rap seawalls, bulkheads, piers, docks, and pilings.
5. 1E = Rocky (bedrock) shorelines.
6. 1F = Salt marshes.

TABLE 4
PHASE II FIELD OBSERVATIONS AND SAMPLING SUMMARY
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Date	Segment Number	Segment Name	Town	Maximum Degree of Initial Oiling	Initial Oil Ranking	Summary
8/29/2005	W2A-11	West Island West	Fairhaven	Heavy	3.95	Small patch of pavement (approximately 2 to 3 inches in diameter and 1 to 2 centimeters thick) was found and removed from cobbles at N41.58921 W70.83453. Sediment samples were collected from the intertidal zone at two locations and were submitted to a laboratory for EPH analysis.
8/29/2005 and 8/30/2005	W2A-10	Long Island and Causeway South	Fairhaven	Heavy	3.44	Sporadic areas of pavement and splatter were observed on cobbles and boulders primarily on the western intertidal portion of the Hoppy's Landing peninsula. The splatter was typically quarter- to half-dollar-size patches. The splatter was either scoured to a stain or was weathered and hardened and did not easily come off to the touch. One large boulder with tacky splatter (covering approximately 5% of the boulder) was observed at N41.59475 W70.84853. The areas of pavement included one area of tacky pavement (approximately 3 by 2 feet) was found and removed from an algal mat at N41.59217 W70.85065 (adjacent to the south point of Hoppy's Landing). The pavement was weathered, but had a tacky center when vigorously broken apart. Marsh sediment samples were collected from four locations on Hoppy's Landing and intertidal sediment samples were collected from four locations at the segment. The sediment samples were submitted to a laboratory for EPH analysis.
8/29/2005 and 9/29/2005	W2A-02	Harbor View	Fairhaven	Moderate	2.79	Tarballs and small areas of pavement were found and removed primarily from the area where cleanup activities were conducted on August 17, 2005. 14 tarballs (ranging approximately 0.5 to 4 inches in diameter) were removed from peat hummocks and the sandy beach at N41.62828 W70.89085 and N41.62848 W70.89075. Two tarballs (approximately 0.5 inches and 3 inches in diameter) were removed from N41.62866 W70.89056 and N41.62898 W70.89056, respectively. The tarballs were hardened and weathered, but had a tacky center when broken apart. Marsh sediment samples were collected from four locations, and three grab samples were collected from three locations at the segment. Samples were submitted to a laboratory for EPH analysis, with the exception of one grab sediment sample collected on September 29, 2005 that was submitted for fingerprinting analysis.
8/31/2005	W1E-02	Strawberry Cove	Mattapoisett	Light	1.46	Isolated areas of splatter (primarily dime-size to approximately 2 inches in diameter) were observed in the intertidal zone on cobbles at N41.64183 W 70.76961, N41.64126 W 70.76949, N41.64157 W70.76524, N41.64167 W70.76553, and N41.64276 W70.76628. The splatter was weathered and hardened and did not easily come off to the touch. One tarball (approximately 3 inches in diameter) and one wrack patty (approximately 5 inches in diameter) were found and removed from a sandy area at N41.64390 W 70.76801 and from a cobble area at N41.64201 W70.77012, respectively. Non-B120 tar-like pavement was found in between cobbles at N41.64326 W70.76664, and was removed during the inspection. Marsh sediment samples were collected at five locations, and subtidal sediment samples adjacent to the segment were collected from two locations. The sediment samples were submitted to a laboratory for EPH analysis.
8/31/2005	W2A-03	Pope's Beach	Fairhaven	Moderate	3.00	One wrack patty (approximately 4 inches in diameter) was found and removed from slightly above the intertidal zone at N41.63240 W70.88544. The wrack patty was weathered, but tacky when broken apart. Several patches of pavement (up to approximately 12 inches in diameter) were observed on the fringing marsh along the middle intertidal zone starting at N41.63134 W70.88358. Determining the extent of the area of pavement was limited due to wrack cover. Marsh sediment samples were collected at six locations and were submitted to a laboratory for EPH analysis. One sample location was noted to be adjacent to the residual pavement.

TABLE 4
PHASE II FIELD OBSERVATIONS AND SAMPLING SUMMARY
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Date	Segment Number	Segment Name	Town	Maximum Degree of Initial Oiling	Initial Oil Ranking	Summary
8/31/2005	W1E-03	Strawberry Point West	Mattapoissett	Moderate	2.28	Trace splatter (typically dime- to quarter-size) was observed at Strawberry Point surrounding N41.64109 W70.76979. Trace sporadic splatter (ranging dime-size to approximately 3 inches in diameter) was observed along the middle intertidal zone on cobbles and boulders on the rocky shoreline west of Strawberry Point. The splatter was weathered and hardened and did not easily come off to the touch. Subtidal sediment samples were collected from two locations
8/31/2005 and 9/1/2005	W1E-04	Crescent Beach	Mattapoissett	Heavy	3.92	Isolated areas of splatter (primarily dime- to quarter-size) were observed on cobbles and boulders in the intertidal zone between N41.65121 W70.79397, N41.65204 W70.79308, and N41.65192 W70.78316. The splatter was weathered and hardened and did not easily come off to the touch. Patches of weathered pavement were observed (within an approximate 5 by 15 foot area) at N41.65083 W70.77777 and N41.65093 W70.77792. The pavement was weathered and hardened, but had a tacky center when broken apart. The pavement was removed on September 12, 2005. In addition, small areas of fresh tacky non-B120 oil was found and removed at N41.65197 W70.78772 and at N41.65183 W70.78577. Intertidal sediment samples were collected from two locations and were submitted to a laboratory for EPH analysis.
9/1/2005	W3C-04	Barney's Joy (East of barbed-wire)	Dartmouth	Heavy	2.60	Splatter (primarily dime- to quarter-size and scoured to stain) was observed on approximately 50% of cobbles near N41.50985 W70.98917. The quantity of splatter diminishes traveling eastward. The splatter was weathered and hardened and did not easily come off to the touch. Intertidal sediment sampling collected at three locations and were submitted to a laboratory for EPH analysis.
9/1/2005	W3A-05	Round Hill Beach West	Dartmouth	Heavy	2.14	Relatively abundant non-B120 tar-like splatter and hardened tarballs were observed and concentrated near N41.54043 W70.93803 and N41.54041 W70.93810. Intertidal sediment samples were collected three locations and were submitted to a laboratory for EPH analysis.
9/1/2005 and 9/2/2005	W1F-05	Mattapoissett Neck West	Mattapoissett	Heavy	3.77	Splatter (primarily dime- to quarter-size) was observed at three isolated areas at N41.62749 W70.81475, N41.62495 W70.81155, and N41.62447 W70.81060. One splatter was approximately 3 inches in diameter. The splatter was observed in clusters of 3 to 10 at each location, and was scoured to a stain and did not come off to the touch. Two areas of pavement (approximately 3 inches in diameter) were found and removed at N41.62469 W70.81114 and N41.62447 W70.81060. The pavement was weathered and hardened, but had a tacky center when vigorously broken apart. Marsh sediment samples were collected at three locations and were submitted to a laboratory for EPH analysis.
9/2/2005 and 10/19/2005	W1D-01	Aucoot Cove	Mattapoissett	Moderate	1.46	One wrack patty (approximately 2 inches in diameter) was found and removed above the intertidal zone at N41.68082 W70.75903. One tacky tarball (approximately 5 inches in diameter) was found and removed at N41.68053 W70.75633. One splatter stain (approximately 2 inches in diameter) was observed at N41.67696 W70.75008. The splatter was weathered and hardened and did not easily come off to the touch. Small patches of pavement were observed in an isolated area on fringing marsh on the south side of Haskell Island. Marsh sediment samples were collected from three locations and were submitted to a laboratory for EPH analysis.

TABLE 4
PHASE II FIELD OBSERVATIONS AND SAMPLING SUMMARY
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Date	Segment Number	Segment Name	Town	Maximum Degree of Initial Oiling	Initial Oil Ranking	Summary
9/13/2005	W1C-02	Planting Island Causeway	Marion	Moderate	1.64	Areas of splatter (primarily dime-size) were observed on cobbles and boulders at N41.68231 W70.72138, N41.68231 W70.72388, and N41.68246 W70.72398. Splatter was also observed within an approximate 4 by 3 foot area and an approximate 2 foot squared area at N41.68231 W70.72388 ND N41.68246 W70.72398, respectively. An area of splatter (4 by 6 inches) was observed at N41.68268 W70.72819. A two foot area with three half dollar sized splatter at N41.68668 W70.72851. The splatter was weathered and hardened and did not easily come off to the touch. Subtidal sediment samples were collected from two locations adjacent to the segment and were submitted to a laboratory for EPH analysis.
9/13/2005 and 9/14/2005	W1F-02	Brandt Island West	Mattapoisett	Heavy	3.34	Trace splatter (primarily dime- to quarter-size but also up to 6 inches in diameter) was observed approximately every 5 to 15 feet on cobbles and boulders in the middle to upper intertidal zone between N41.62373 W70.81803 and N41.62407 W70.81889. The splatter was weathered and hardened and did not easily come off to the touch. A piece of gravel (approximately 2 inches in diameter) and approximately 90% covered with weathered splatter was found and removed at N41.62820 and W70.82611. Two small areas (approximately 4 by 3 inches) of pavement were found and removed from cobbles in the middle to upper intertidal zone at N41.62407 W70.81889. Two small areas of pavement were found and removed from cobbles adjacent to the causeway at N41.62714 W70.82094 and N41.6274 W70.82094. The pavement was weathered but had tacky center when broken apart. A slight silver sheen was observed in a puddle in the upper intertidal zone at N41.62870 W70.82415. Two weathered tarballs (approximately 0.5 inches in diameter) were removed from the sandy beach at N41.62825 W70.82584. An area of non-B120 tar-like hardened pavement (approximately 6 by 12 inches in diameter) was observed in between cobbles at N41.62493 W70.81984. Non-B120 tarballs (up to approximately 2 inches in diameter) were observed in the upper intertidal zone of the sandy beach. The non-B120 tar-like substance was very hard, not breakable by hand, and was not removed. A marsh sediment sample was collected from one location and intertidal sediment samples were collected from two locations. Subtidal sediment samples were collected from eight locations adjacent to the segment. Sediment samples were submitted to a laboratory for EPH analysis.
10/17/2005	W3C-03	Barney's Joy (West of barbed-wire)	Dartmouth	Heavy	4.00	Oil was not identified during the inspection of this segment and sediment samples were not collected.

Notes:

- Sediment samples were submitted to a laboratory for Extractable Petroleum Hydrocarbons (EPH) with Polynuclear Aromatic Hydrocarbon (PAH) by Selected Ion Monitoring (SIM) analysis unless otherwise indicated.

TABLE 5
SUMMARY OF SANDY BEACH SHORELINE SEGMENTS
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Segment ID	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
E1-14	New Silver Beach	Falmouth	Clean	0.00
W1B-33	Piney Point South	Marion	Moderate	3.00
W1C-10	Silver Shell Beach	Marion	Clean	0.00
W1D-05	Point Connett Beach	Mattapoissett	Light	2.00
W1F-07	Mattapoissett Shores	Mattapoissett	Moderate	2.94
W2A-12	Rocky Point to East Cove (Town Beach)	Fairhaven	Heavy	1.19
W2A-13	East Cove	Fairhaven	Light	1.00
W3A-02	Salters Point West	Dartmouth	Moderate	3.00
W3A-04	Salters Point East	Dartmouth	Light	2.00
W3A-05	Round Hill Beach West	Dartmouth	Heavy	2.14
W3A-06	Round Hill Beach East	Dartmouth	Heavy	2.77
W3C-03	Barney's Joy (W of barbed)	Dartmouth	Heavy	4.00

NOTES:

1. < = Less than.
2. Highlighted = Segments selected for Phase II characterization representative of this shoreline type.

TABLE 6
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
ROUND HILL BEACH WEST, DARTMOUTH
SEGMENT: W3A-05
Sampling Date: 09/01/05
Initial Oiling Category: Heavy

Sample ID	W3A05-P2-LIT-01	W3A05-P2-LIT-02	W3A05-P2-LIT-03	W3A05-P2-UIT-01	W3A05-P2-UIT-02	W3A05-P2-UIT-03	DDD-P2-04*	MCP Method 1 Standards			Effects Range Low Standards
								S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions											
C ₉ -C ₁₈ Aliphatics	ND(35)	ND(31)	ND(32)	ND(30)	ND(30)	ND(32)	ND(30)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(35)	ND(31)	ND(32)	ND(30)	ND(30)	ND(32)	ND(30)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(35)	ND(31)	ND(32)	ND(30)	ND(30)	ND(32)	ND(30)	200	800	800	NA
Target PAH Analytes											
Acenaphthene	ND(0.012)	0.031	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.012)	0.006j	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)	100	100	100	0.044
Anthracene	ND(0.012)	0.093	0.026	0.013	0.006j	ND(0.012)	0.005j	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.012)	0.12	0.053	0.027	0.02	ND(0.012)	0.028	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.012)	0.1	0.05	0.02	0.022	ND(0.012)	0.025	7	7	7	NA
Benzo(k)fluoranthene	ND(0.012)	0.042	0.023	0.023	0.012	ND(0.012)	0.013	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.012)	0.04	0.023	0.021	0.011	ND(0.012)	0.013	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.012)	0.079	0.035	0.016	0.009j	ND(0.012)	0.013	2	2	2	0.430
Chrysene	ND(0.012)	0.092	0.044	0.027	0.023	ND(0.012)	0.024	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.012)	0.019	0.015	0.025	ND(0.010)	ND(0.012)	0.013	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.012)	0.028	0.13	0.035	0.065	ND(0.012)	0.063	1,000	1,000	1,000	0.600
Fluorene	ND(0.012)	0.038	0.006j	0.006j	ND(0.010)	ND(0.012)	ND(0.01)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND(0.012)	0.05	0.03	0.025	0.017	ND(0.012)	0.019	7	7	7	NA
2-Methylnaphthalene	ND(0.012)	0.008j	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.01)	4	40	500	0.070
Naphthalene	ND(0.012)	0.011	0.006j	0.006j	ND(0.010)	ND(0.012)	ND(0.01)	4	100	100	0.160
Phenanthrene	ND(0.012)	0.25	0.061	0.019	0.032	ND(0.012)	0.028	700	1,000	100	0.240
Pyrene	ND(0.012)	0.21	0.097	0.029	0.047	ND(0.012)	0.047	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. Highlighted = exceeds applicable standards.
6. EPH = Extractable Petroleum Hydrocarbons.
7. PAH = Polynuclear Aromatic Hydrocarbons.
8. MCP = Massachusetts Contingency Plan.
9. NA = Not Applicable.
10. * DDD-P2-04 is a duplicate sample of W3A05-P2-UIT-03.

TABLE 7
SUMMARY OF PHASE I SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
BARNEY'S JOY, WEST OF BARBED-WIRE, DARTMOUTH
SEGMENT: W3C-03
Sampling Date: 01/22/04
Initial Oiling Category: Heavy

Sample ID	W3C03-UIT-01	W3C03-MIT-01	W3C03-LIT-01	W3C03-UIT-02	W3C03-MIT-02	W3C03-LIT-02	W3C03-UIT-03	W3C03-MIT-03	W3C03-LIT-03	MCP Method 1 Standards			Effects Range Low Standards	
										S-1 / GW-1	S-1 / GW-2	S-1 / GW-3		
EPH Fractions														
C ₉ -C ₁₈ Aliphatics	ND (32)	ND (30)	ND (31)	ND (33)	ND (31)	ND (31)	ND (31)	ND (31)	ND (31)	ND (31)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND (32)	ND (30)	ND (31)	ND (33)	ND (31)	ND (31)	ND (31)	ND (31)	ND (31)	ND (31)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND (32)	ND (30)	ND (31)	ND (33)	ND (31)	ND (31)	ND (31)	ND (31)	ND (31)	ND (31)	200	800	800	NA
Target PAH Analytes														
Acenaphthene	0.010 j	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	20	1,000	1,000	0.016
Acenaphthylene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	100	100	100	0.044
Anthracene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	7	7	7	0.261
Benzo(b)fluoranthene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	7	7	7	NA
Benzo(k)fluoranthene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	70	70	70	NA
Benzo(g,h,i)perylene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	2	2	2	0.430
Chrysene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	0.7	0.7	0.7	0.063
Fluoranthene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	1,000	1,000	1,000	0.600
Fluorene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	7	7	7	NA
2-Methylnaphthalene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	4	40	500	0.070
Naphthalene	0.008 j	0.016	0.007 j	0.007 j	0.008 j	0.008 j	0.007 j	0.007 j	0.006 j	0.006 j	4	100	100	0.160
Phenanthrene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	700	1,000	100	0.240
Pyrene	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. Highlighted = exceeds applicable standards.
6. EPH = Extractable Petroleum Hydrocarbons.
7. PAH = Polynuclear Aromatic Hydrocarbons.
8. MCP = Massachusetts Contingency Plan.
9. NA = Not Applicable.

TABLE 8
SUMMARY OF MIXED SAND AND GRAVEL SHORELINE SEGMENTS
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Segment ID	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
E1-11	Scraggy Neck South	Bourne	Very Light	<1.00
E1-13	Nye's Neck	Falmouth	Heavy	2.92
E3-06	Uncatena Island	Gosnold	Light	<1.00
W1B-12	Warren Point	Wareham	Moderate	3.00
W1B-31	Great Hill Point	Marion	Moderate	3.00
W1C-12	Converse Point East	Marion	Moderate	2.63
W1D-03	Holly Woods / Hiller Cove	Mattapoissett	Light	2.00
W1E-01	Nye Cove / Strawberry Cove	Mattapoissett	Light	1.33
W1E-03	Strawberry Point West	Mattapoissett	Moderate	2.28
W1E-04	Crescent Beach	Mattapoissett	Heavy	3.92
W1F-06	Mattapoissett Neck South	Mattapoissett	Heavy	2.74
W1F-08	Mattapoissett Neck East	Mattapoissett	Heavy	1.08
W1G-00	Ram Island	Mattapoissett	Heavy	2.89
W2A-01	Fort Phoenix	Fairhaven	Moderate	1.79
W2A-04	Manhattan Ave	Fairhaven	Heavy	3.65
W2A-05	Sunset Beach	Fairhaven	Light	2.00
W2A-06	Silver Shell Beach	Fairhaven	Light	2.00
W2A-07	Scotcut Neck West	Fairhaven	Heavy	2.17
W2A-10	Long Island / Causeway South	Fairhaven	Heavy	3.44
W2A-11	West Island West	Fairhaven	Heavy	3.95
W2A-14	Pine Creek to North Point	Fairhaven	Moderate	3.00
W3A-01	Mishaum Point East	Dartmouth	Heavy	1.05
W3B-02	Mishaum Point West	Dartmouth	Heavy	3.65
W3C-04	Barney's Joy East	Dartmouth	Heavy	2.60
W3D-07	Gooseberry Neck East	Westport	Moderate	2.05

NOTES:

1. < = Less than.
2. Highlighted = Segments selected for Phase II characterization to be representative of this shoreline type.

TABLE 9
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
WEST ISLAND WEST, FAIRHAVEN
SEGMENT: W2A-11
Sampling Date: 08/29/05
Initial Oiling Category: Heavy

Sample ID	W2A11-P2-LIT-01	W2A11-P2-LIT-02	W2A11-P2-UIT-01	W2A11-P2-UIT-02	DDD-P2-01*	DDD-P2-02**	MCP Method 1 Standards			Effects Range Low Standards
							S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions										
C ₉ -C ₁₈ Aliphatics	ND(36)	ND(30)	ND(30)	ND(31)	ND(33)	ND(32)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(36)	ND(30)	ND(30)	ND(31)	ND(33)	ND(32)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(36)	ND(30)	ND(30)	ND(31)	ND(33)	ND(32)	200	800	800	NA
Target PAH Analytes										
Acenaphthene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	100	100	100	0.044
Anthracene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	7	7	7	NA
Benzo(k)fluoranthene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	70	70	70	0.430
Benzo(g,h,i)perylene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	2	2	2	0.430
Chrysene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.012)	ND(0.010)	0.011	ND(0.012)	ND(0.014)	ND(0.012)	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	1,000	1,000	1,000	0.600
Fluorene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND(0.012)	ND(0.010)	0.007 j	ND(0.012)	ND(0.014)	ND(0.012)	7	7	7	NA
2-Methylnaphthalene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	4	40	500	0.070
Naphthalene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	4	100	100	0.160
Phenanthrene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	700	1,000	100	0.240
Pyrene	ND(0.012)	ND(0.010)	0.006 j	ND(0.012)	ND(0.014)	ND(0.012)	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.
9. * DDD-P2-01 is a duplicate sample of W2A11-P2-UIT-02.
10. **DDD-P2-02 is a duplicate sample of W2A11-P2-LIT-02.

TABLE 10
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
BARNEY'S JOY, EAST OF BARBED-WIRE, DARTMOUTH
SEGMENT: W3C-04
Sampling Date: 09/01/05
Initial Oiling Category: Heavy

Sample ID	W3C04-P2-LIT-01	W3C04-P2-LIT-02	W3C04-P2-LIT-03	W3C04-P2-UIT-01	W3C04-P2-UIT-02	W3C04-P2-UIT-03	MCP Method 1 Standards			Effects Range Low Standards
							S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions										
C ₉ -C ₁₈ Aliphatics	ND(33)	ND(37)	ND(33)	ND(39)	ND(32)	ND(30)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(33)	ND(37)	ND(33)	ND(39)	ND(32)	ND(30)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(33)	ND(37)	ND(33)	ND(39)	ND(32)	ND(30)	200	800	800	NA
Target PAH Analytes										
Acenaphthene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.010)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.010)	100	100	100	0.044
Anthracene	0.01j	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.007j	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.026	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.022	7	7	7	NA
Benzo(k)fluoranthene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.012	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.012	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.011	2	2	2	0.430
Chrysene	0.012	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.025	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.014	0.7	0.7	0.7	0.063
Fluoranthene	0.025	0.009j	ND(0.011)	ND(0.013)	ND(0.011)	0.061	1,000	1,000	1,000	0.600
Fluorene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.010)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	0.01j	0.008j	ND(0.011)	ND(0.013)	ND(0.011)	0.019	7	7	7	NA
2-Methylnaphthalene	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.010)	4	40	500	0.070
Naphthalene	0.007j	0.013	ND(0.011)	ND(0.013)	ND(0.011)	0.006j	4	100	100	0.160
Phenanthrene	0.013	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	0.031	700	1,000	100	0.240
Pyrene	0.021	0.008j	ND(0.011)	ND(0.013)	ND(0.011)	0.045	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.

TABLE 11
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
CRESCENT BEACH, MATTAPOISETT
SEGMENT: W1E-04
Sampling Date: 08/31/05 and 09/01/05
Initial Oiling Category: Heavy

Sample ID	W1E04-P2-LIT-01	W1E04-P2-LIT-02	W1E04-P2-UIT-01	W1E04-P2-UIT-02	MCP Method 1 Standards			Effects Range Low Standards
					S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions								
C ₉ -C ₁₈ Aliphatics	ND(37)	ND(34)	ND(30)	ND(31)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(37)	ND(34)	ND(30)	ND(31)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(37)	ND(34)	ND(30)	ND(31)	200	800	800	NA
Target PAH Analytes								
Acenaphthene	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.013)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.013)	100	100	100	0.044
Anthracene	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.013)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	0.014	0.011	ND(0.010)	ND(0.013)	7	7	7	0.261
Benzo(b)fluoranthene	0.007j	ND(0.011)	ND(0.010)	ND(0.013)	7	7	7	NA
Benzo(k)fluoranthene	0.007j	ND(0.011)	ND(0.010)	ND(0.013)	70	70	70	NA
Benzo(g,h,i)perylene	0.007j	ND(0.011)	ND(0.010)	ND(0.013)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.013)	2	2	2	0.430
Chrysene	0.015	0.011	ND(0.010)	ND(0.013)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.013)	0.7	0.7	0.7	0.063
Fluoranthene	0.023	0.023	0.006j	ND(0.013)	1,000	1,000	1,000	0.600
Fluorene	ND(0.012)	0.006j	ND(0.010)	ND(0.013)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	0.013	0.008j	0.007j	ND(0.013)	7	7	7	NA
2-Methylnaphthalene	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.013)	4	40	500	0.070
Naphthalene	0.007j	0.006j	0.005j	ND(0.013)	4	100	100	0.160
Phenanthrene	0.008j	0.037	ND(0.010)	ND(0.013)	700	1,000	100	0.240
Pyrene	0.02	0.025	0.005j	ND(0.013)	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.

TABLE 12
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
LONG ISLAND AND CAUSEWAY SOUTH, FAIRHAVEN
SEGMENT: W2A-10
Sampling Date: 8/29/05 and 08/30/05
Initial Oiling Category: Heavy

Sample ID	W2A10-P2-M-01	W2A10-P2-M-02	W2A10-P2-M-03	W2A10-P2-M-04	W2A10-P2-LIT-01	W2A10-P2-LIT-02	W2A10-P2-LIT-03	W2A10-P2-LIT-05	W2A10-P2-UIT-01	W2A10-P2-UIT-02	W2A10-P2-UIT-03	W2A10-P2-UIT-05	MCP Method 1 Standards			Effects Range Low Standards
													S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions																
C ₉ -C ₁₈ Aliphatics	ND(49)	ND(38)	ND(56)	ND(38)	ND(34)	ND(36)	ND(36)	ND(35)	ND(35)	ND(30)	ND(32)	ND(32)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(49)	ND(38)	ND(56)	ND(38)	ND(34)	ND(36)	ND(36)	ND(35)	ND(35)	ND(30)	ND(32)	ND(32)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	62	ND(38)	ND(56)	ND(38)	ND(34)	ND(36)	ND(36)	ND(35)	ND(35)	ND(30)	ND(32)	ND(32)	200	800	800	NA
Target PAH Analytes																
Acenaphthene	ND(0.016)	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.016)	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	100	100	100	0.044
Anthracene	ND(0.016)	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	0.016	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	0.012	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	7	7	7	0.261
Benzo(b)fluoranthene	0.049	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	7	7	7	NA
Benzo(k)fluoranthene	0.009j	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	70	70	70	NA
Benzo(g,h,i)perylene	0.042	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	1,000	1,000	1,000	NA
Benzo(a)pyrene	0.066	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	2	2	2	0.430
Chrysene	0.09	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	0.01j	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	7	7	7	0.384
Dibenzo(a,h)anthracene	0.031	ND(0.018)	0.021	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	0.7	0.7	0.7	0.063
Fluoranthene	0.031	ND(0.018)	0.015j	ND(0.014)	ND(0.018)	0.024	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	0.011j	ND(0.012)	1,000	1,000	1,000	0.600
Fluorene	ND(0.016)	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	0.034	ND(0.018)	0.016j	ND(0.014)	ND(0.018)	0.011j	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	0.008j	ND(0.012)	7	7	7	NA
2-Methylnaphthalene	ND(0.016)	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	4	40	500	0.070
Naphthalene	0.01j	ND(0.018)	0.01j	ND(0.014)	ND(0.018)	0.015	ND(0.014)	0.006j	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	4	100	100	0.160
Phenanthrene	0.012j	ND(0.018)	ND(0.019)	ND(0.014)	ND(0.018)	0.007j	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	ND(0.012)	ND(0.012)	700	1,000	100	0.240
Pyrene	0.033	ND(0.018)	0.017j	ND(0.014)	ND(0.018)	0.022	ND(0.014)	ND(0.012)	ND(0.016)	ND(0.012)	0.009j	ND(0.012)	1,000	1,000	1,000	0.665

- Notes:
1. Results in mg/kg (milligrams per kilogram).
 2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
 3. BOLD exceeds laboratory detection limits.
 4. j = an estimated value detected below the reporting limit for the analyte.
 5. EPH = Extractable Petroleum Hydrocarbons.
 6. PAH = Polynuclear Aromatic Hydrocarbons.
 7. MCP = Massachusetts Contingency Plan.
 8. NA = Not Applicable.

TABLE 13
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
BRANDT ISLAND WEST, MATTAPOISETT
SEGMENT: W1F-02
Sampling Date: 09/13/05 and 09/14/05
Initial Oiling Category: Heavy

Sample ID	W1F02-P2-SUB-01	W1F02-P2-SUB-02	W1F02-P2-SUB-03	W1F02-P2-SUB-04	W1F02-P2-SUB-05	W1F02-P2-SUB-06	W1F02-P2-SUB-07	W1F02-P2-SUB-08	W1F02-P2-M-01	W1F02-P2-LIT-01	W1F02-P2-LIT-02	W1F02-P2-UIT-01	W1F02-P2-UIT-02	DDD-P2-06*	MCP Method 1 Standards			Effects Range Low Standards
															S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions																		
C ₉ -C ₁₈ Aliphatics	ND(38)	ND(36)	ND(35)	ND(36)	ND(34)	ND(35)	ND(36)	ND(37)	ND(50)	ND(34)	ND(32)	ND(30)	ND(31)	ND(48)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(38)	ND(36)	ND(35)	ND(36)	ND(34)	ND(35)	ND(36)	ND(37)	ND(50)	ND(34)	ND(32)	ND(30)	ND(31)	ND(48)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(38)	ND(36)	ND(35)	ND(36)	ND(34)	ND(35)	ND(36)	ND(37)	ND(50)	ND(34)	ND(32)	ND(30)	ND(31)	ND(48)	200	800	800	NA
Target PAH Analytes																		
Acenaphthene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	100	100	100	0.044
Anthracene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.010j	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	7	7	7	NA
Benzo(k)fluoranthene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	2	2	2	0.430
Chrysene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.010j	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	7	7	7	0.384
Dibenzo(a,h)anthracene	0.014j	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.023	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	1,000	1,000	1,000	0.600
Fluorene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	0.010j	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.015j	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	7	7	7	NA
2-Methylnaphthalene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	4	40	500	0.070
Naphthalene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	4	100	100	0.160
Phenanthrene	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.010j	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	700	1,000	100	0.240
Pyrene	0.009j	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.019	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.
9. Labeled as DDD-P2-05 on original chain of custody. DDD-P2-06 is a duplicate sample of W1F02-P2-M-01.

TABLE 14
SUMMARY OF RIP RAP, SEAWALLS,
GROINS, AND BEDROCK SHORELINE SEGMENTS
B120 RELEASE

Segment ID	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
E1-15	Crow Point	Falmouth	Clean	0.00
W1C-01	Butler's Point	Marion	Moderate	3.00
W1C-02	Planting Island Causeway	Marion	Moderate	1.64
W1C-05	Sippican Harbor East	Marion	Moderate	3.00
W1D-04	Holly Woods / Peases Point	Mattapoisett	Moderate	2.23
W1E-05	Mattapoisett Harbor East	Mattapoisett	Moderate	1.26
W1E-06	Mattapoisett Town Beach	Mattapoisett	Moderate	3.00
W1F-01	Brandt Beach	Mattapoisett	Heavy	2.49
W1F-02	Brandt Island West (Howards Beach)	Mattapoisett	Heavy	3.34
W1F-03	Brandt Island East	Mattapoisett	Heavy	3.07
W2A-08	Wilbur Point	Fairhaven	Moderate	2.40
W2A-09	Sconticut Neck East	Fairhaven	Moderate	3.00
W2B-05	Fort Taber	New Bedford	Moderate	1.44
W3A-03	Pier Beach (Salter's Point)	Dartmouth	Moderate	2.44

NOTES:

1. < = Less than.
2. Highlighted = Segments selected for Phase II characterization to be representative of this shoreline type.

TABLE 15
SUMMARY OF SALT MARSH SHORELINE SEGMENTS
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Segment ID	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
W1B-15	Wareham River East Shore	Wareham	Moderate	1.80
W1C-04	Blankinship Cove	Marion	Moderate	1.46
W1C-11	Sippican Harbor West	Marion	Clean	0.00
W1D-01	Aucoot Cove	Mattapoissett	Moderate	1.46
W1E-02	Strawberry Cove	Mattapoissett	Light	1.46
W1F-04	Brandt Island Cove	Mattapoissett	Heavy	2.19
W1F-05	Mattapoissett Neck West	Mattapoissett	Heavy	3.77
W1F-09	Mattapoissett Harbor North	Mattapoissett	Moderate	1.00
W2A-02	Harbor View	Fairhaven	Moderate	2.79
W2A-03	Pope's Beach	Fairhaven	Moderate	3.00
W2A-19	Shaw Cove	Fairhaven	Heavy	2.23
W3C-06	Demarest Lloyd State Park Marsh	Dartmouth	Very Light	1.00

NOTES:

1. < = Less than.
2. Highlighted = Segments selected for Phase II characterization to be representative of this shoreline type.

TABLE 16
SUMMARY OF SALT MARSH INSPECTION FOR PHASE II CHARACTERIZATION
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Date	Segment Number	Segment Name	Town	Vegetation (Identified Species and Observed Height)	Condition of Vegetation
8/29/2005	W1C-02	Planting Island Causeway	Marion	<i>Spartina alterniflora</i> (6 inches to 3 feet); <i>Salicornia spp.</i>	Healthy,: 95% green, 5% yellow, 1% bare spots/algal mats
8/29/2005 and 8/30/2005	W1D-01	Aucoot Cove	Mattapoissett	<i>Spartina alterniflora</i> ; <i>Spartina patens</i> ; <i>Limonium carolinianum</i> .	South of channel: 65% green, 30% burnt, 50% bare spots/algal mats
8/29/2005 and 9/29/2005	W1E-02	Strawberry Cove	Mattapoissett	<i>Spartina alterniflora</i> (6 inches to 3 feet); <i>Spartina patens</i> (up to 1 foot); <i>Distichlis spicata</i> ; <i>Salicornia spp.</i> ; <i>Juncus gerardii</i> ; <i>Limonium carolinianum</i> (up to 1 foot).	West side of the channel : Healthy: 80% green, less than 5% yellow, 20% bare spots/ algal mats. East side of the channel: Healthy: 95% green, 5% yellow, patchy areas of black, brown and green algae
8/31/2005	W1E-03	Strawberry Point West	Mattapoissett	<i>Spartina alterniflora</i> (6 inches to 3 feet); <i>Spartina patens</i> (6 to 8 inches); <i>Limonium carolinianum</i> (8 to12 inches); <i>Dichtstilis spicata</i> .	Healthy
8/31/2005	W1E-04	Crescent Beach	Mattapoissett	<i>Spartina alterniflora</i> (6 to 12 inches); <i>Spartina patens</i> (6 to 12 inches); <i>Distichlis spicata</i> ; <i>Limonium carolinianum</i> ;	Healthy: 90% green, 10% brown
8/31/2005	W1F-02	Brandt Island West	Mattapoissett	<i>Spartina alterniflora</i> (up to 6 feet); <i>Spartina patens</i> ; <i>Limonium carolinianum</i> ; <i>Salicornia spp</i> ; <i>Juncus gerardii</i> ;	Healthy: green and yellow
8/31/2005 and 9/1/2005	W1F-05	Mattapoissett Neck West	Mattapoissett	<i>Spartina alterniflora</i> (2 to 3 feet); <i>Spartina patens</i> (1 to 2 feet); <i>Distichlis spicata</i> (1 to 2 feet); <i>Limonium carolinianum</i> (up to 1 foot).	Healthy: 90% green, 10% brown/ yellow
9/1/2005	W2A-02	Harbor View	Fairhaven	<i>Spartina alterniflora</i> (6 inches to 4 feet); <i>Spartina patens</i> (6 to 18 inches); <i>Juncus gerardii</i> (6 to 12 inches); <i>Distichlis spicata</i> (2 to 5 feet); <i>Salicornia spp</i> (6 to 8 inches); <i>Limonium carolinianum</i> (6 to 18 inches).	Healthy: 95% green, 1% yellow, 4% bare spots and algal mats
9/1/2005	W2A-03	Pope's Beach	Fairhaven	<i>Spartina alterniflora</i> (6 inches to 3 feet); <i>Spartina patens</i> (6 to 12 inches); <i>Limonium carolinianum</i> (6 to 14 inches); <i>Salicornia spp.</i> (6 to 8 inches); <i>Distichlis spicata</i> (up to 12 inches); <i>Juncus gerardii</i> (6 to 10 inches).	Healthy: 90% green, 5% yellow, 5% bare spots/ algal mats

TABLE 16
SUMMARY OF SALT MARSH INSPECTION FOR PHASE II CHARACTERIZATION
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Date	Segment Number	Segment Name	Town	Vegetation (Identified Species and Observed Height)	Condition of Vegetation
9/1/2005 and 9/2/2005	W2A-10	Long Island and Causeway South	Fairhaven	<i>Spartina alterniflora</i> (6 inches to 4 feet); <i>Spartina patens</i> (1 to 2 feet); <i>Distichlis spicata</i> (1 to 2 feet); <i>Limonium carolinianum</i> (1 to 4.5 feet); <i>Salicornia spp.</i> (6 to 12 inches).	Healthy: 95% green, 5% yellow
9/2/2005 and 10/19/2005	W2A-11	West Island West	Fairhaven	<i>Spartina alterniflora</i> (2 to 3 feet).	Healthy: 95 % green, 5% yellow

Notes:

1. The following species were identified during the inspections:
 - Distichlis spicata (Spike grass or Saltgrass);
 - Juncus gerardii (Black rush or Black grass);
 - Limonium carolinianum (Sea lavender or Carolina sea lavender);
 - Salicornia spp. (Common glasswort);
 - Salidago sempervirens (Seaside goldenrod);
 - Spartina alterniflora (Cordgrass or Smooth codgrass);
 - Spartina patens (Saltmeadow cordgrass or Saltmeadow hay).
 (Additional species were not included in the salt marsh characterization).
2. Residual oil observations are described in Table 4.
3. NA = Not Applicable.

TABLE 17
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
POPE'S BEACH, FAIRHAVEN
SEGMENT: W2A-03
Sampling Date: 08/30/05
Initial Oiling Category: Moderate

Sample ID	W2A03-P2-M-01	W2A03-P2-M-02	W2A03-P2-M-03	W2A03-P2-M-04	W2A03-P2-M-05	W2A03-P2-M-06	MCP Method 1 Standards			Effects Range Low Standards
							S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions										
C ₉ -C ₁₈ Aliphatics	ND(40)	ND(39)	ND(70)	ND(62)	ND(39)	ND(41)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(40)	ND(39)	ND(70)	ND(62)	ND(39)	ND(41)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(40)	ND(39)	ND(70)	ND(62)	ND(39)	ND(41)	200	800	800	NA
Target PAH Analytes										
Acenaphthene	ND(0.013)	ND(0.013)	ND(0.023)	ND(0.021)	ND(0.013)	ND(0.014)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.013)	ND(0.013)	0.031	ND(0.021)	0.007j	ND(0.014)	100	100	100	0.044
Anthracene	ND(0.013)	0.007j	0.039	ND(0.021)	0.013	ND(0.014)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.013)	0.047	0.023	ND(0.021)	0.065	0.021	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.013)	0.045	0.039	ND(0.021)	0.075	0.022	7	7	7	NA
Benzo(k)fluoranthene	ND(0.013)	0.02	0.13	ND(0.021)	0.03	0.011j	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.013)	0.025	0.49	ND(0.021)	0.036	0.013j	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.013)	0.035	0.49	ND(0.021)	0.053	0.012j	2	2	2	0.430
Chrysene	0.007j	0.048	0.3	ND(0.021)	0.07	0.024	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.013)	0.017	0.048	ND(0.021)	0.02	0.016	0.7	0.7	0.7	0.063
Fluoranthene	0.011j	0.099	0.63	ND(0.021)	0.13	0.042	1,000	1,000	1,000	0.600
Fluorene	ND(0.013)	ND(0.013)	ND(0.023)	ND(0.021)	ND(0.013)	ND(0.014)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	0.01j	0.032	0.38	0.012j	0.044	0.019	7	7	7	NA
2-Methylnaphthalene	ND(0.013)	ND(0.013)	ND(0.023)	ND(0.021)	0.009j	ND(0.014)	4	40	500	0.070
Naphthalene	0.01j	0.01j	0.015j	0.011j	0.013	0.009j	4	100	100	0.160
Phenanthrene	0.009j	0.032	0.19	ND(0.021)	0.053	0.016	700	1,000	100	0.240
Pyrene	0.015	0.094	0.8	ND(0.021)	0.12	0.039	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. Highlighted = exceeds applicable standards.
6. EPH = Extractable Petroleum Hydrocarbons.
7. PAH = Polynuclear Aromatic Hydrocarbons.
8. MCP = Massachusetts Contingency Plan.
9. NA = Not Applicable.

TABLE 18
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
STRAWBERRY COVE, MATTAPAN
SEGMENT: W1E-02
Sampling Date: 08/31/05
Initial Oiling Category: Light

Sample ID	W1E02-P2-SUB-01	W1E02-P2-SUB-02	W1E02-P2-M-01	W1E02-P2-M-02	W1E02-P2-M-03	W1E02-P2-M-04	W1E02-P2-M-05	DDD-P2-03*	MCP Method 1 Standards			Effects Range Low Standards
									S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions												
C ₉ -C ₁₈ Aliphatics	ND(36)	ND(52)	ND(660)	ND(33)	ND(35)	ND(34)	ND(32)	ND(77)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(36)	ND(52)	ND(660)	ND(33)	ND(35)	ND(34)	ND(32)	ND(77)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(36)	ND(52)	ND(660)	ND(33)	ND(35)	ND(34)	ND(32)	ND(77)	200	800	800	NA
Target PAH Analytes												
Acenaphthene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	100	100	100	0.044
Anthracene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	7	7	7	NA
Benzo(k)fluoranthene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	2	2	2	0.430
Chrysene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	1,000	1,000	1,000	0.600
Fluorene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	7	7	7	NA
2-Methylnaphthalene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	4	40	500	0.070
Naphthalene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	0.015 j	4	100	100	0.160
Phenanthrene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	700	1,000	100	0.240
Pyrene	ND(0.012)	ND(0.019)	ND(0.22)	ND(0.011)	ND(0.017)	ND(0.011)	ND(0.013)	ND(0.026)	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.
9. * DDD-P2-03 is a duplicate sample of W1E02-P2-M-01.

TABLE 19
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
HARBOR VIEW, FAIRHAVEN
SEGMENT: W2A-02
Sampling Date: 08/29/05 and 09/29/05
Initial Oiling Category: Heavy

Sample ID	W2A02-82905-01	W2A02-82905-02	W2A02-P2-M-01	W2A02-P2-M-02	W2A02-P2-M-03	W2A02-P2-M-04	W2A02-92905-01	W2A02-92905-02	MCP Method 1 Standards			Effects Range Low Standards
									S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions												
C ₉ -C ₁₈ Aliphatics	ND(33)	ND(36)	ND(47)	ND(62)	ND(35)	ND(35)	ND(180)	NS	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(33)	ND(36)	ND(47)	ND(62)	ND(35)	ND(35)	ND(180)	NS	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(33)	ND(36)	52	ND(62)	ND(35)	ND(35)	ND(180)	NS	200	800	800	NA
Target PAH Analytes												
Acenaphthene	ND(0.011)	ND(0.012)	0.015 j	0.048	0.013	ND(0.012)	0.190	0.0068	20	1,000	1,000	0.016
Acenaphthylene	ND(0.011)	ND(0.012)	0.008j	0.035	0.014	ND(0.012)	ND(0.061)	0.0194	100	100	100	0.044
Anthracene	ND(0.011)	ND(0.012)	0.036	0.13	0.056	ND(0.012)	0.180	0.0872	1,000	1,000	1,000	0.085
Benzo(a)anthracene	0.055	0.014	0.14	0.47	0.22	0.012	0.340	0.120	7	7	7	0.261
Benzo(b)fluoranthene	0.063	ND(0.012)	0.17	0.55	0.2	0.006j	0.310	0.112	7	7	7	NA
Benzo(k)fluoranthene	0.027	ND(0.012)	0.064	0.21	0.072	ND(0.012)	0.150	0.024	70	70	70	NA
Benzo(g,h,i)perylene	0.029	ND(0.012)	0.077	0.38	0.12	0.008j	0.170	0.0187	1,000	1,000	1,000	NA
Benzo(a)pyrene	0.043	ND(0.012)	0.13	0.54	0.2	ND(0.012)	0.240	0.0866	2	2	2	0.430
Chrysene	0.063	0.013	0.19	0.51	0.22	0.012	0.310	0.092	7	7	7	0.384
Dibenzo(a,h)anthracene	0.017	ND(0.012)	0.031	0.082	0.035	0.013	0.094	0.0077	0.7	0.7	0.7	0.063
Fluoranthene	0.11	0.033	0.35	1.00	0.4	0.028	0.890	0.202	1,000	1,000	1,000	0.600
Fluorene	ND(0.011)	ND(0.012)	0.026	0.058	0.024	ND(0.012)	0.220	0.0105	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	0.036	0.012	0.09	0.37	0.12	0.013	0.200	0.0342	7	7	7	NA
2-Methylnaphthalene	ND(0.011)	ND(0.012)	ND(0.016)	0.024	0.007 j	ND(0.012)	0.041j	0.0021	4	40	500	0.070
Naphthalene	ND(0.011)	ND(0.012)	0.015j	0.046	0.014	0.007j	0.073	0.003	4	100	100	0.160
Phenanthrene	0.042	0.019	0.29	0.63	0.26	0.01j	0.670	0.127	700	1,000	100	0.240
Pyrene	0.13	0.029	0.35	0.98	0.43	0.029	0.690	0.216	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. Highlighted = exceeds applicable standards.
6. EPH = Extractable Petroleum Hydrocarbons.
7. PAH = Polynuclear Aromatic Hydrocarbons.
8. MCP = Massachusetts Contingency Plan.
9. NA = Not Applicable.
10. NS = Not Sampled.

TABLE 20
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
MATTAPOISETT NECK WEST, MATTAPOISETT
SEGMENT: W1F-05
Sampling Date: 09/01/05
Initial Oiling Category: Heavy

Sample ID	W1F05-P2-M-01	W1F05-P2-M-02	W1F05-P2-M-03	DDD-P2-05*	MCP Method 1 Standards			Effects Range Low Standards
					S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions								
C ₉ -C ₁₈ Aliphatics	ND(47)	ND(44)	ND(34)	ND(37)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(47)	ND(44)	ND(34)	ND(37)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(47)	ND(44)	ND(34)	ND(37)	200	800	800	NA
Target PAH Analytes								
Acenaphthene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	100	100	100	0.044
Anthracene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	7	7	7	NA
Benzo(k)fluoranthene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	2	2	2	0.430
Chrysene	ND(0.016)	0.008j	ND(0.011)	ND(0.012)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.016)	0.019	ND(0.011)	ND(0.012)	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.016)	ND(0.015)	ND(0.011)	0.01j	1,000	1,000	1,000	0.600
Fluorene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND(0.016)	0.012j	0.008j	0.011j	7	7	7	NA
2-Methylnaphthalene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	4	40	500	0.070
Naphthalene	ND(0.016)	ND(0.015)	ND(0.011)	0.008j	4	100	100	0.160
Phenanthrene	ND(0.016)	ND(0.015)	ND(0.011)	ND(0.012)	700	1,000	100	0.240
Pyrene	ND(0.016)	ND(0.015)	ND(0.011)	0.008j	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.
9. * DDD-P2-05 is a duplicate sample of W1F05-P2-M-03.

TABLE 21
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
AUCOOT COVE, MARION
SEGMENT: W1D-01
Sampling Date: 09/01/05
Initial Oiling Category: Moderate

Sample ID	W1D01-P2-M-01	W1D01-P2-M-02	W1D01-P2-M-03	MCP Method 1 Standards			Effects Range Low Standards
				S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions							
C ₉ -C ₁₈ Aliphatics	ND(36)	ND(36)	ND(61)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(36)	ND(36)	ND(61)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(36)	ND(36)	ND(61)	200	800	800	NA
Target PAH Analytes							
Acenaphthene	ND(0.012)	ND(0.012)	ND(0.020)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.012)	ND(0.012)	ND(0.020)	100	100	100	0.044
Anthracene	ND(0.012)	0.007j	ND(0.020)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.012)	0.01j	ND(0.020)	0.7	0.7	0.7	0.261
Benzo(b)fluoranthene	ND(0.012)	0.01j	ND(0.020)	0.7	0.7	0.7	NA
Benzo(k)fluoranthene	ND(0.012)	ND(0.012)	ND(0.020)	7	7	7	NA
Benzo(g,h,i)perylene	ND(0.012)	0.008j	ND(0.020)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.012)	0.01j	ND(0.020)	0.7	0.7	0.7	0.430
Chrysene	ND(0.012)	0.01j	ND(0.020)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.012)	0.018	ND(0.020)	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.012)	0.006j	ND(0.020)	1,000	1,000	1,000	0.600
Fluorene	ND(0.012)	ND(0.012)	ND(0.020)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND(0.012)	0.013	ND(0.020)	0.7	0.7	0.7	NA
2-Methylnaphthalene	ND(0.012)	ND(0.012)	ND(0.020)	4	500	500	0.070
Naphthalene	0.006j	ND(0.012)	ND(0.020)	4	100	100	0.160
Phenanthrene	ND(0.012)	ND(0.012)	ND(0.020)	700	1,000	100	0.240
Pyrene	ND(0.012)	0.011j	0.011j	700	700	700	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.

TABLE 22
SUMMARY OF SEGMENTS ADJACENT TO SUBTIDAL AREAS
SELECTED FOR NEARSHORE
PHASE II SEDIMENT SAMPLING
B120 RELEASE
BUZZARDS BAY, MASSACHUSETTS

Segment ID	Segment Name	Town	Maximum Degree of Initial Oiling	Oil Ranking Score
W1F-02	Brandt Island West	Mattapoisett	Heavy	3.34
W1E-02	Strawberry Cove	Mattapoisett	Light	1.46
W1E-03	Strawberry Point West	Mattapoisett	Moderate	2.28
W1C-02	Planting Island Causeway	Marion	Moderate	1.64

TABLE 23
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
ADJACENT TO STRAWBERRY POINT WEST, MATTAPOISETT
SEGMENT: W1E-03
Sampling Date: 08/30/05
Initial Oiling Category: Moderate

Sample ID	W1E03-P2-SUB-01	W1E03-P2-SUB-02	MCP Method 1 Standards			Effects Range Low Standards
			S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions						
C ₉ -C ₁₈ Aliphatics	ND(35)	ND(33)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(35)	ND(33)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(35)	ND(33)	200	800	800	NA
Target PAH Analytes						
Acenaphthene	ND(0.012)	ND(0.011)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.012)	ND(0.011)	100	100	100	0.044
Anthracene	ND(0.012)	ND(0.011)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.012)	ND(0.011)	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.012)	ND(0.011)	7	7	7	NA
Benzo(k)fluoranthene	ND(0.012)	ND(0.011)	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.012)	ND(0.011)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.012)	ND(0.011)	2	2	2	0.430
Chrysene	ND(0.012)	ND(0.011)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.012)	ND(0.011)	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.012)	ND(0.011)	1,000	1,000	1,000	0.600
Fluorene	ND(0.012)	ND(0.011)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND(0.012)	ND(0.011)	7	7	7	NA
2-Methylnaphthalene	ND(0.012)	ND(0.011)	4	40	500	0.070
Naphthalene	ND(0.012)	0.01 j	4	100	100	0.160
Phenanthrene	ND(0.012)	0.01j	700	1,000	100	0.240
Pyrene	ND(0.012)	0.006j	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. BOLD exceeds laboratory detection limits.
4. j = an estimated value detected below the reporting limit for the analyte.
5. EPH = Extractable Petroleum Hydrocarbons.
6. PAH = Polynuclear Aromatic Hydrocarbons.
7. MCP = Massachusetts Contingency Plan.
8. NA = Not Applicable.

TABLE 24
SUMMARY OF PHASE II SEDIMENT ANALYTICAL RESULTS
BUZZARDS BAY, MASSACHUSETTS
ADJACENT TO PLANTING ISLAND CAUSEWAY, MARION
SEGMENT: W1C-02
Sampling Date: 09/13/05
Initial Oiling Category: Heavy

Sample ID	W1C02-P2-SUB-01	W1C02-P2-SUB-02	MCP Method 1 Standards			Effects Range Low Standards
			S-1 / GW-1	S-1 / GW-2	S-1 / GW-3	
EPH Fractions						
C ₉ -C ₁₈ Aliphatics	ND(40)	ND(39)	1,000	1,000	1,000	NA
C ₁₉ -C ₃₆ Aliphatics	ND(40)	ND(39)	2,500	2,500	2,500	NA
C ₁₁ -C ₂₂ Aromatics	ND(40)	ND(39)	200	800	800	NA
Target PAH Analytes						
Acenaphthene	ND(0.017)	ND(0.017)	20	1,000	1,000	0.016
Acenaphthylene	ND(0.017)	ND(0.017)	100	100	100	0.044
Anthracene	ND(0.017)	ND(0.017)	1,000	1,000	1,000	0.085
Benzo(a)anthracene	ND(0.017)	ND(0.017)	7	7	7	0.261
Benzo(b)fluoranthene	ND(0.017)	ND(0.017)	7	7	7	NA
Benzo(k)fluoranthene	ND(0.017)	ND(0.017)	70	70	70	NA
Benzo(g,h,i)perylene	ND(0.017)	ND(0.017)	1,000	1,000	1,000	NA
Benzo(a)pyrene	ND(0.017)	ND(0.017)	2	2	2	0.430
Chrysene	ND(0.017)	ND(0.017)	7	7	7	0.384
Dibenzo(a,h)anthracene	ND(0.017)	ND(0.017)	0.7	0.7	0.7	0.063
Fluoranthene	ND(0.017)	ND(0.017)	1,000	1,000	1,000	0.600
Fluorene	ND(0.017)	ND(0.017)	400	1,000	1,000	0.019
Indeno(1,2,3-cd)pyrene	ND(0.017)	ND(0.017)	7	7	7	NA
2-Methylnaphthalene	ND(0.017)	ND(0.017)	4	40	500	0.070
Naphthalene	ND(0.017)	ND(0.017)	4	100	100	0.160
Phenanthrene	ND(0.017)	ND(0.017)	700	1,000	100	0.240
Pyrene	ND(0.017)	ND(0.017)	1,000	1,000	1,000	0.665

Notes:

1. Results in mg/kg (milligrams per kilogram).
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. EPH = Extractable Petroleum Hydrocarbons.
4. PAH = Polynuclear Aromatic Hydrocarbons.
5. MCP = Massachusetts Contingency Plan.
6. NA = Not Applicable.

TABLE 25
RELATIVE PERCENT DIFFERENCES BETWEEN DUPLICATE SAMPLES
BUZZARDS BAY, MASSACHUSETTS
SEGMENT NAME: Brandt Island West
SEGMENT IDENTIFICATION: W1F-02
Sampling Dates: 09/13/05 and 09/14/05
Initial Oiling Category: Heavy

Analyte	Marsh Sample Location 3	
	Intertidal Zone	Intertidal Zone
	W1F05-P2-M-03	DDD2-P2-05
EPH Fractions		
C ₉ -C ₁₈ Aliphatic Hydrocarbons	ND(34)	ND(48)
C ₁₉ -C ₃₆ Aliphatic Hydrocarbons	ND(34)	ND(48)
C ₁₁ -C ₂₂ Aromatic Hydrocarbons	ND(34)	ND(48)
Target PAH Analytes		
Naphthalene	ND(0.011)	ND(0.017)
2-Methylnaphthalene	ND(0.011)	ND(0.017)
Acenaphthylene	ND(0.011)	ND(0.017)
Acenaphthene	ND(0.011)	ND(0.017)
Fluorene	ND(0.011)	ND(0.017)
Phenanthrene	ND(0.011)	ND(0.017)
Anthracene	ND(0.011)	ND(0.017)
Fluoranthene	ND(0.011)	ND(0.017)
Pyrene	ND(0.011)	ND(0.017)
Benzo(a)anthracene	ND(0.011)	ND(0.017)
Chrysene	ND(0.011)	ND(0.017)
Benzo(b)fluoranthene	ND(0.011)	ND(0.017)
Benzo(k)fluoranthene	ND(0.011)	ND(0.017)
Benzo(a)pyrene	ND(0.011)	ND(0.017)
Indeno(1,2,3-cd)pyrene	0.008j	ND(0.017)
Dibenzo(a,h)anthracene	ND(0.011)	ND(0.017)
Benzo(g,h,i)perylene	ND(0.011)	ND(0.017)

NOTES:

1. Results in mg/kg (milligrams per kilogram).
2. EPH = Extractable Petroleum Hydrocarbons.
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. PAH = Polynuclear Aromatic Hydrocarbons.
4. j: estimated concentration/ detected below standard laboratory reporting limits.
5. NA = Not applicable.

TABLE 25
RELATIVE PERCENT DIFFERENCES BETWEEN DUPLICATE SAMPLES
BUZZARDS BAY, MASSACHUSETTS
SEGMENT NAME: MATTAPOISETT NECK WEST
SEGMENT IDENTIFICATION: W1F-05
Sampling Date: 09/01/05
Initial Oiling Category: Heavy

Analyte	Marsh Sample Location 3	
	Intertidal Zone	Intertidal Zone
	W1F05-P2-M-03	DDD2-P2-05
EPH Fractions		
C ₉ -C ₁₈ Aliphatic Hydrocarbons	ND(34)	ND(37)
C ₁₉ -C ₃₆ Aliphatic Hydrocarbons	ND(34)	ND(37)
C ₁₁ -C ₂₂ Aromatic Hydrocarbons	ND(34)	ND(37)
Target PAH Analytes		
Naphthalene	ND(0.011)	0.008j
2-Methylnaphthalene	ND(0.011)	ND(0.012)
Acenaphthylene	ND(0.011)	ND(0.012)
Acenaphthene	ND(0.011)	ND(0.012)
Fluorene	ND(0.011)	ND(0.012)
Phenanthrene	ND(0.011)	ND(0.012)
Anthracene	ND(0.011)	ND(0.012)
Fluoranthene	ND(0.011)	0.01j
Pyrene	ND(0.011)	0.008j
Benzo(a)anthracene	ND(0.011)	ND(0.012)
Chrysene	ND(0.011)	ND(0.012)
Benzo(b)fluoranthene	ND(0.011)	ND(0.012)
Benzo(k)fluoranthene	ND(0.011)	ND(0.012)
Benzo(a)pyrene	ND(0.011)	ND(0.012)
Indeno(1,2,3-cd)pyrene	0.008j	0.011j
Dibenzo(a,h)anthracene	ND(0.011)	ND(0.012)
Benzo(g,h,I)perylene	ND(0.011)	ND(0.012)

NOTES:

1. Results in mg/kg (milligrams per kilogram).
2. EPH = Extractable Petroleum Hydrocarbons.
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. PAH = Polynuclear Aromatic Hydrocarbons.
4. j: estimated concentration/ detected below standard laboratory reporting limits.
5. NA = Not applicable.

TABLE 25
RELATIVE PERCENT DIFFERENCES BETWEEN DUPLICATE SAMPLES
BUZZARDS BAY, MASSACHUSETTS
SEGMENT NAME: ROUND HILL BEACH WEST
SEGMENT IDENTIFICATION: W3A-05
Sampling Date: 09/01/05
Initial Oiling Category: Heavy

Analyte	Sample Location 3	
	Upper Intertidal Zone	Upper Intertidal Zone
	W3A05-P2-UIT-03	DDD2-P2-04
EPH Fractions		
C ₉ -C ₁₈ Aliphatic Hydrocarbons	ND(32)	ND(77)
C ₁₉ -C ₃₆ Aliphatic Hydrocarbons	ND(32)	ND(77)
C ₁₁ -C ₂₂ Aromatic Hydrocarbons	ND(32)	ND(77)
Target PAH Analytes		
Naphthalene	ND(0.012)	ND (0.010)
2-Methylnaphthalene	ND(0.012)	ND (0.010)
Acenaphthylene	ND(0.012)	ND (0.010)
Acenaphthene	ND(0.012)	ND (0.010)
Fluorene	ND(0.012)	ND (0.010)
Phenanthrene	ND(0.012)	0.028
Anthracene	ND(0.012)	0.005j
Fluoranthene	ND(0.012)	0.063
Pyrene	ND(0.012)	0.047
Benzo(a)anthracene	ND(0.012)	0.028
Chrysene	ND(0.012)	0.024
Benzo(b)fluoranthene	ND(0.012)	0.025
Benzo(k)fluoranthene	ND(0.012)	0.013
Benzo(a)pyrene	ND(0.012)	0.013
Indeno(1,2,3-cd)pyrene	ND(0.012)	0.019
Dibenzo(a,h)anthracene	ND(0.012)	0.013
Benzo(g,h,I)perylene	ND(0.012)	0.013

NOTES:

1. Results in mg/kg (milligrams per kilogram).
2. EPH = Extractable Petroleum Hydrocarbons.
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. PAH = Polynuclear Aromatic Hydrocarbons.
4. j: estimated concentration/ detected below standard laboratory reporting limits.
5. NA = Not applicable.

TABLE 25
RELATIVE PERCENT DIFFERENCES BETWEEN DUPLICATE SAMPLES
BUZZARDS BAY, MASSACHUSETTS
SEGMENT NAME: STRAWBERRY COVE
SEGMENT IDENTIFICATION: W1E-02
Sampling Date: 8/31/05
Initial Oiling Category: Light

Analyte	Marsh Sample Location 1	
	Intertidal Zone	Intertidal Zone
	W1E02-P2-M-01	DDD2-P2-03
EPH Fractions		
C ₉ -C ₁₈ Aliphatic Hydrocarbons	ND(660)	ND(77)
C ₁₉ -C ₃₆ Aliphatic Hydrocarbons	ND(660)	ND(77)
C ₁₁ -C ₂₂ Aromatic Hydrocarbons	ND(660)	ND(77)
Target PAH Analytes		
Naphthalene	ND(0.22)	0.015 j
2-Methylnaphthalene	ND(0.22)	ND(0.026)
Acenaphthylene	ND(0.22)	ND(0.026)
Acenaphthene	ND(0.22)	ND(0.026)
Fluorene	ND(0.22)	ND(0.026)
Phenanthrene	ND(0.22)	ND(0.026)
Anthracene	ND(0.22)	ND(0.026)
Fluoranthene	ND(0.22)	ND(0.026)
Pyrene	ND(0.22)	ND(0.026)
Benzo(a)anthracene	ND(0.22)	ND(0.026)
Chrysene	ND(0.22)	ND(0.026)
Benzo(b)fluoranthene	ND(0.22)	ND(0.026)
Benzo(k)fluoranthene	ND(0.22)	ND(0.026)
Benzo(a)pyrene	ND(0.22)	ND(0.026)
Indeno(1,2,3-cd)pyrene	ND(0.22)	ND(0.026)
Dibenzo(a,h)anthracene	ND(0.22)	ND(0.026)
Benzo(g,h,i)perylene	ND(0.22)	ND(0.026)

NOTES:

1. Results in mg/kg (milligrams per kilogram).
2. EPH = Extractable Petroleum Hydrocarbons.
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. PAH = Polynuclear Aromatic Hydrocarbons.
4. j: estimated concentration/ detected below standard laboratory reporting limits.
5. NA = Not applicable.

TABLE 25
RELATIVE PERCENT DIFFERENCES BETWEEN DUPLICATE SAMPLES
BUZZARDS BAY, MASSACHUSETTS
SEGMENT NAME: WEST ISLAND WEST
SEGMENT IDENTIFICATION: W2A-11
Sampling Date: 8/29/05
OILING CATEGORY: MODERATE

Analyte	Sample Location 2			
	Upper Intertidal Zone	Upper Intertidal Zone	Lower Intertidal Zone	Lower Intertidal Zone
	W2A11-P2-UIT-02	DDD2-P2-01	W2A11-P2-LIT-02	DDD2-P2-02
EPH Fractions				
C ₉ -C ₁₈ Aliphatic Hydrocarbons	ND(31)	ND(33)	ND(30)	ND(32)
C ₁₉ -C ₃₆ Aliphatic Hydrocarbons	ND(31)	ND(33)	ND(30)	ND(32)
C ₁₁ -C ₂₂ Aromatic Hydrocarbons	ND(31)	ND(33)	ND(30)	ND(32)
Target PAH Analytes				
Naphthalene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
2-Methylnaphthalene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Acenaphthylene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Acenaphthene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Fluorene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Phenanthrene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Anthracene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Fluoranthene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Pyrene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Benzo(a)anthracene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Chrysene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Benzo(b)fluoranthene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Benzo(k)fluoranthene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Benzo(a)pyrene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Indeno(1,2,3-cd)pyrene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Dibenzo(a,h)anthracene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)
Benzo(g,h,i)perylene	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.012)

NOTES:

1. Results in mg/kg (milligrams per kilogram).
2. EPH = Extractable Petroleum Hydrocarbons.
2. ND(x) = constituent not detected at practical quantitation limits noted in parentheses.
3. PAH = Polynuclear Aromatic Hydrocarbons.
4. j: estimated concentration/ detected below standard laboratory reporting limits.
5. NA = Not applicable.