Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS56	1,2,3,4,6,7,8-HpCDD	7.37E-02		1.13					
LDWG 2005a	LDW-SS57	1,2,3,4,6,7,8-HpCDD	1.49E-02		1.73					
LDWG 2005a	LDW-SS58	1,2,3,4,6,7,8-HpCDD	1.13E-02		1.78					
LDWG 2005b	LDW-SS59	1,2,3,4,6,7,8-HpCDD	1.88E-03		2.07					
LDWG 2005a	LDW-SS43	1,2,3,4,6,7,8-HpCDD	6.39E-04		1.67					
LDWG 2005a	LDW-SS56	1,2,3,4,6,7,8-HpCDF	4.03E-02		1.13					
LDWG 2005a	LDW-SS58	1,2,3,4,6,7,8-HpCDF	4.71E-03		1.78					
LDWG 2005a	LDW-SS57	1,2,3,4,6,7,8-HpCDF	4.04E-03		1.73					
LDWG 2005b	LDW-SS59	1,2,3,4,6,7,8-HpCDF	2.88E-04		2.07					
LDWG 2005a	LDW-SS43	1,2,3,4,6,7,8-HpCDF	1.10E-04		1.67					
LDWG 2005a	LDW-SS56	1,2,3,4,7,8,9-HpCDF	3.72E-03		1.13					
LDWG 2005a	LDW-SS58	1,2,3,4,7,8,9-HpCDF	7.56E-04		1.78					
LDWG 2005a	LDW-SS57	1,2,3,4,7,8,9-HpCDF	4.87E-04		1.73					
LDWG 2005b	LDW-SS59	1,2,3,4,7,8,9-HpCDF	2.42E-05	J	2.07					
LDWG 2005a	LDW-SS43	1,2,3,4,7,8,9-HpCDF	9.85E-06	J	1.67					
LDWG 2005a	LDW-SS56	1,2,3,4,7,8-HxCDD	1.24E-04		1.13					
LDWG 2005a	LDW-SS57	1,2,3,4,7,8-HxCDD	3.37E-05	J	1.73					
LDWG 2005a	LDW-SS58	1,2,3,4,7,8-HxCDD	3.16E-05	J	1.78					
LDWG 2005b	LDW-SS59	1,2,3,4,7,8-HxCDD	1.14E-05	J	2.07					
LDWG 2005a	LDW-SS43	1,2,3,4,7,8-HxCDD	2.77E-06	J	1.67					
LDWG 2005a	LDW-SS56	1,2,3,4,7,8-HxCDF	2.53E-03		1.13					
LDWG 2005a	LDW-SS58	1,2,3,4,7,8-HxCDF	1.67E-03		1.78					
LDWG 2005a	LDW-SS57	1,2,3,4,7,8-HxCDF	8.95E-04		1.73					
LDWG 2005b	LDW-SS59	1,2,3,4,7,8-HxCDF	3.05E-05		2.07					
LDWG 2005a	LDW-SS43	1,2,3,4,7,8-HxCDF	1.44E-05	J	1.67					
LDWG 2005a	LDW-SS56	1,2,3,6,7,8-HxCDD	3.40E-03		1.13					
LDWG 2005a	LDW-SS58	1,2,3,6,7,8-HxCDD	4.80E-04		1.78					
LDWG 2005a	LDW-SS57	1,2,3,6,7,8-HxCDD	3.50E-04		1.73					
LDWG 2005b	LDW-SS59	1,2,3,6,7,8-HxCDD	6.53E-05		2.07					
LDWG 2005a	LDW-SS43	1,2,3,6,7,8-HxCDD	1.75E-05		1.67					
LDWG 2005a	LDW-SS56	1,2,3,6,7,8-HxCDF	3.65E-04		1.13					
LDWG 2005a	LDW-SS58	1,2,3,6,7,8-HxCDF	2.84E-04		1.78					
LDWG 2005a	LDW-SS57	1,2,3,6,7,8-HxCDF	1.51E-04		1.73					
LDWG 2005b	LDW-SS59	1,2,3,6,7,8-HxCDF	7.20E-06	J	2.07					
LDWG 2005a	LDW-SS43	1,2,3,6,7,8-HxCDF	3.44E-06	J	1.67					

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS56	1,2,3,7,8,9-HxCDD	3.15E-04		1.13					
LDWG 2005a	LDW-SS58	1,2,3,7,8,9-HxCDD	9.96E-05		1.78					
LDWG 2005a	LDW-SS57	1,2,3,7,8,9-HxCDD	9.52E-05		1.73					
LDWG 2005b	LDW-SS59	1,2,3,7,8,9-HxCDD	2.64E-05		2.07					
LDWG 2005a	LDW-SS43	1,2,3,7,8,9-HxCDD	1.09E-05	J	1.67					
LDWG 2005a	LDW-SS56	1,2,3,7,8,9-HxCDF	3.38E-05	J	1.13					
LDWG 2005a	LDW-SS58	1,2,3,7,8,9-HxCDF	2.17E-05	J	1.78					
LDWG 2005a	LDW-SS57	1,2,3,7,8,9-HxCDF	1.06E-05	J	1.73					
LDWG 2005b	LDW-SS59	1,2,3,7,8,9-HxCDF	5.68E-07	J	2.07					
LDWG 2005a	LDW-SS43	1,2,3,7,8,9-HxCDF	3.64E-07	J	1.67					
LDWG 2005a	LDW-SS56	1,2,3,7,8-PeCDD	3.45E-05	J	1.13					
LDWG 2005a	LDW-SS58	1,2,3,7,8-PeCDD	1.99E-05	J	1.78					
LDWG 2005a	LDW-SS57	1,2,3,7,8-PeCDD	1.67E-05	J	1.73					
LDWG 2005b	LDW-SS59	1,2,3,7,8-PeCDD	5.24E-06	J	2.07					
LDWG 2005a	LDW-SS43	1,2,3,7,8-PeCDD	1.82E-06	J	1.67					
LDWG 2005a	LDW-SS56	1,2,3,7,8-PeCDF	6.93E-05		1.13					
LDWG 2005a	LDW-SS58	1,2,3,7,8-PeCDF	5.69E-05		1.78					
LDWG 2005a	LDW-SS57	1,2,3,7,8-PeCDF	2.78E-05	J	1.73					
LDWG 2005a	LDW-SS43	1,2,3,7,8-PeCDF	1.22E-06	J	1.67					
LDWG 2005b	LDW-SS59	1,2,3,7,8-PeCDF	1.08E-06	J	2.07					
LDWG 2005a	LDW-SS56	2,3,4,6,7,8-HxCDF	3.02E-04	J	1.13					
LDWG 2005a	LDW-SS58	2,3,4,6,7,8-HxCDF	1.21E-04	J	1.78					
LDWG 2005a	LDW-SS57	2,3,4,6,7,8-HxCDF	6.20E-05	J	1.73					
LDWG 2005b	LDW-SS59	2,3,4,6,7,8-HxCDF	5.38E-06	J	2.07					
LDWG 2005a	LDW-SS43	2,3,4,6,7,8-HxCDF	2.38E-06	J	1.67					
LDWG 2005a	LDW-SS56	2,3,4,7,8-PeCDF	2.30E-04		1.13					
LDWG 2005a	LDW-SS58	2,3,4,7,8-PeCDF	1.81E-04		1.78					
LDWG 2005a	LDW-SS57	2,3,4,7,8-PeCDF	9.59E-05		1.73					
LDWG 2005b	LDW-SS59	2,3,4,7,8-PeCDF	4.71E-06	J	2.07					
LDWG 2005a	LDW-SS43	2,3,4,7,8-PeCDF	2.44E-06	J	1.67					
LDWG 2005a	LDW-SS58	2,3,7,8-TCDD	9.28E-06		1.78					
LDWG 2005a	LDW-SS56	2,3,7,8-TCDD	4.57E-06	J	1.13					
LDWG 2005a	LDW-SS57	2,3,7,8-TCDD	4.17E-06	J	1.73					
LDWG 2005a	LDW-SS43	2,3,7,8-TCDD	5.98E-07	J	1.67					
LDWG 2005a	LDW-SS56	2,3,7,8-TCDF	1.48E-05		1.13					

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Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS58	2,3,7,8-TCDF	1.36E-05		1.78					
LDWG 2005a	LDW-SS57	2,3,7,8-TCDF	8.64E-06		1.73					
LDWG 2005b	LDW-SS59	2,3,7,8-TCDF	1.90E-06		2.07					
LDWG 2005a	LDW-SS43	2,3,7,8-TCDF	1.20E-06		1.67					
Weston 1999	DR120 (686)	2-Methylnaphthalene	9.00E-02		2.78	38	64	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS48	2-Methylnaphthalene	5.80E-02		1.36	38	64	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS55	2-Methylnaphthalene	5.80E-02	J	1.53	38	64	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS47	2-Methylnaphthalene	3.30E-02		1.45	38	64	mg/kg OC	0.1	0.04
Weston 1999	DR126 (692)	2-Methylnaphthalene	2.00E-02		3.09	38	64	mg/kg OC	0.02	0.01
LDWG 2005a	LDW-SS48	2-Methylphenol	2.10E-02		1.36	63	63	mg/kg OC	0.0	0.0
LDWG 2005a	LDW-SS48	4-Methylphenol	8.80E-02		1.36	670	670	mg/kg OC	0.01	0.01
LDWG 2005b	LDW-SS47	4-Methylphenol	2.10E-02		1.45	670	670	mg/kg OC	0.002	0.002
LDWG 2005a	LDW-SS48	Acenaphthene	2.30E-01		1.36	16	57	mg/kg OC	1.1	0.3
LDWG 2005a	LDW-SS55	Acenaphthene	2.00E-01		1.53	16	57	mg/kg OC	0.8	0.2
Weston 1999	DR120 (686)	Acenaphthene	1.70E-01		2.78	16	57	mg/kg OC	0.4	0.1
LDWG 2005b	LDW-SS47	Acenaphthene	1.20E-01		1.45	16	57	mg/kg OC	0.5	0.1
LDWG 2005b	LDW-SS46	Acenaphthene	1.10E-01		2.07	16	57	mg/kg OC	0.3	0.1
Weston 1999	DR126 (692)	Acenaphthene	8.00E-02		3.09	16	57	mg/kg OC	0.2	0.05
LDWG 2005a	LDW-SS49	Acenaphthene	5.00E-02	J	2.47	16	57	mg/kg OC	0.1	0.04
Weston 1999	DR159 (725)	Acenaphthene	4.00E-02		2.76	16	57	mg/kg OC	0.1	0.03
Weston 1999	DR124 (690)	Acenaphthene	3.00E-02		2.78	16	57	mg/kg OC	0.1	0.02
Weston 1999	DR127 (693)	Acenaphthene	3.00E-02		2.78	16	57	mg/kg OC	0.1	0.02
Weston 1999	DR054 (620)	Acenaphthene	2.00E-02		2.36	16	57	mg/kg OC	0.1	0.01
Weston 1999	DR121 (687)	Acenaphthene	2.00E-02		2.39	16	57	mg/kg OC	0.1	0.01
Weston 1999	DR122 (688)	Acenaphthene	2.00E-02		2.18	16	57	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SSB4a	Acenaphthylene	8.10E-02		1.82	66	66	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS56	Acenaphthylene	7.70E-02	J	1.13	66	66	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS48	Acenaphthylene	5.40E-02		1.36	66	66	mg/kg OC	0.1	0.1
Weston 1999	DR120 (686)	Acenaphthylene	5.00E-02		2.78	66	66	mg/kg OC	0.03	0.03
LDWG 2005b	LDW-SS47	Acenaphthylene	2.80E-02		1.45	66	66	mg/kg OC	0.03	0.03
Weston 1999	DR121 (687)	Aluminum	2.74E+04		2.39					
Weston 1999	DR122 (688)	Aluminum	2.73E+04		2.18					
Weston 1999	DR152 (718)	Aluminum	2.60E+04		2.37					
Weston 1999	DR054 (620)	Aluminum	2.48E+04		2.36					
Weston 1999	DR127 (693)	Aluminum	2.09E+04		2.78					

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Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR124 (690)	Aluminum	1.98E+04		2.78					
Weston 1999	DR126 (692)	Aluminum	1.92E+04		3.09					
Weston 1999	DR120 (686)	Aluminum	1.86E+04		2.78					
Weston 1999	DR159 (725)	Aluminum	1.85E+04		2.76					
LDWG 2005a	LDW-SS48	Anthracene	5.30E-01		1.36	220	1200	mg/kg OC	0.2	0.03
Weston 1999	DR120 (686)	Anthracene	4.80E-01		2.78	220	1200	mg/kg OC	0.1	0.01
LDWG 2005b	LDW-SS46	Anthracene	3.10E-01		2.07	220	1200	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS44	Anthracene	2.00E-01		1.53	220	1200	mg/kg OC	0.1	0.01
LDWG 2005b	LDW-SS47	Anthracene	2.00E-01		1.45	220	1200	mg/kg OC	0.1	0.01
Weston 1999	DR126 (692)	Anthracene	1.80E-01		3.09	220	1200	mg/kg OC	0.03	0.005
LDWG 2005a	LDW-SS49	Anthracene	1.50E-01		2.47	220	1200	mg/kg OC	0.03	0.01
Weston 1999	DR127 (693)	Anthracene	1.30E-01		2.78	220	1200	mg/kg OC	0.02	0.004
Weston 1999	DR124 (690)	Anthracene	1.20E-01		2.78	220	1200	mg/kg OC	0.02	0.004
Weston 1999	DR054 (620)	Anthracene	1.10E-01		2.36	220	1200	mg/kg OC	0.02	0.004
Weston 1999	DR159 (725)	Anthracene	1.00E-01		2.76	220	1200	mg/kg OC	0.02	0.003
LDWG 2005b	LDW-SS53	Anthracene	9.10E-02		2.64	220	1200	mg/kg OC	0.02	0.003
Weston 1999	DR122 (688)	Anthracene	9.00E-02		2.18	220	1200	mg/kg OC	0.02	0.003
LDWG 2005b	LDW-SS45	Anthracene	8.80E-02		2.81	220	1200	mg/kg OC	0.01	0.003
LDWG 2005a	LDW-SS55	Anthracene	8.70E-02	J	1.53	220	1200	mg/kg OC	0.03	0.005
LDWG 2005b	LDW-SSB4a	Anthracene	8.00E-02		1.82	220	1200	mg/kg OC	0.02	0.004
LDWG 2005b	LDW-SS59	Anthracene	7.50E-02		2.07	220	1200	mg/kg OC	0.02	0.003
Weston 1999	DR121 (687)	Anthracene	7.00E-02		2.39	220	1200	mg/kg OC	0.01	0.002
Weston 1999	DR152 (718)	Anthracene	7.00E-02		2.37	220	1200	mg/kg OC	0.01	0.002
LDWG 2005a	LDW-SS56	Anthracene	5.70E-02	J	1.13	220	1200	mg/kg OC	0.02	0.004
LDWG 2005a	LDW-SS51	Anthracene	3.90E-02		2.13	220	1200	mg/kg OC	0.01	0.002
LDWG 2005a	LDW-SS43	Anthracene	2.20E-02		1.67	220	1200	mg/kg OC	0.01	0.001
Weston 1999	DR122 (688)	Antimony	8.00E+00	J	2.18	150	200	mg/kg DW	0.1	0.0
Weston 1999	DR124 (690)	Antimony	8.00E+00	J	2.78	150	200	mg/kg DW	0.1	0.0
LDWG 2005a	LDW-SS48	Antimony	6.80E+00	J	1.36	150	200	mg/kg DW	0.0	0.0
Weston 1999	DR126 (692)	Antimony	6.00E+00	J	3.09	150	200	mg/kg DW	0.0	0.0
LDWG 2005a	LDW-SS56	Antimony	2.20E+00	J	1.13	150	200	mg/kg DW	0.0	0.0
LDWG 2005b	LDW-SS47	Antimony	1.80E+00	J	1.45	150	200	mg/kg DW	0.0	0.0
LDWG 2005a	LDW-SS49	Antimony	1.80E+00	J	2.47	150	200	mg/kg DW	0.0	0.0
LDWG 2005a	LDW-SS44	Antimony	9.00E-01	J	1.53	150	200	mg/kg DW	0.0	0.0
LDWG 2005b	LDW-SS46	Antimony	7.00E-01	J	2.07	150	200	mg/kg DW	0.0	0.0

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Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS43	Antimony	6.00E-01	J	1.67	150	200	mg/kg DW	0.0	0.0
LDWG 2005b	LDW-SSB4a	Antimony	3.00E-01		1.82	150	200	mg/kg DW	0.0	0.0
LDWG 2005a	LDW-SS51	Aroclor-1242	2.50E-02	J	2.13					
LDWG 2005a	LDW-SS44	Aroclor-1242	2.40E-02	J	1.53					
LDWG 2005a	LDW-SS48	Aroclor-1242	2.10E-02	J	1.36					
LDWG 2005a	LDW-SS57	Aroclor-1248	1.60E-01		1.73					
LDWG 2005b	LDW-SS45	Aroclor-1248	8.90E-02		2.81					
LDWG 2005a	LDW-SS58	Aroclor-1248	8.40E-02		1.78					
LDWG 2005a	LDW-SS56	Aroclor-1254	5.00E-01	J	1.13					
LDWG 2005b	LDW-SSB4a	Aroclor-1254	4.90E-01		1.82					
LDWG 2005a	LDW-SS57	Aroclor-1254	3.50E-01		1.73					
LDWG 2005b	LDW-SS46	Aroclor-1254	1.70E-01		2.07					
LDWG 2005b	LDW-SS53	Aroclor-1254	1.20E-01		2.64					
LDWG 2005a	LDW-SS58	Aroclor-1254	1.20E-01		1.78					
LDWG 2005b	LDW-SS45	Aroclor-1254	1.10E-01		2.81					
Weston 1999	DR120 (686)	Aroclor-1254	9.20E-02		2.78					
Weston 1999	DR127 (693)	Aroclor-1254	9.20E-02		2.78					
Weston 1999	DR124 (690)	Aroclor-1254	9.00E-02		2.78					
Weston 1999	DR126 (692)	Aroclor-1254	7.90E-02		3.09					
LDWG 2005a	LDW-SS51	Aroclor-1254	7.20E-02		2.13					
Weston 1999	DR152 (718)	Aroclor-1254	6.70E-02		2.37					
Weston 1999	DR159 (725)	Aroclor-1254	6.50E-02		2.76					
LDWG 2005a	LDW-SS48	Aroclor-1254	6.10E-02		1.36					
Weston 1999	DR122 (688)	Aroclor-1254	6.00E-02		2.18					
Weston 1999	DR054 (620)	Aroclor-1254	5.00E-02		2.36					
Weston 1999	DR121 (687)	Aroclor-1254	4.60E-02		2.39					
LDWG 2005a	LDW-SS44	Aroclor-1254	4.50E-02		1.53					
LDWG 2005b	LDW-SS47	Aroclor-1254	4.50E-02		1.45					
LDWG 2005a	LDW-SS49	Aroclor-1254	3.90E-02		2.47					
LDWG 2005b	LDW-SS59	Aroclor-1254	2.70E-02		2.07					
LDWG 2005a	LDW-SS55	Aroclor-1254	2.40E-02	J	1.53					
LDWG 2005a	LDW-SS43	Aroclor-1254	1.80E-02	J	1.67					
LDWG 2005b	LDW-SSB4a	Aroclor-1260	3.20E-01		1.82					
LDWG 2005a	LDW-SS56	Aroclor-1260	2.50E-01	J	1.13					
LDWG 2005a	LDW-SS57	Aroclor-1260	2.40E-01		1.73					

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Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR126 (692)	Aroclor-1260	1.02E-01		3.09					
Weston 1999	DR120 (686)	Aroclor-1260	9.60E-02		2.78					
LDWG 2005b	LDW-SS53	Aroclor-1260	9.50E-02		2.64					
LDWG 2005b	LDW-SS45	Aroclor-1260	9.40E-02		2.81					
Weston 1999	DR127 (693)	Aroclor-1260	8.70E-02		2.78					
Weston 1999	DR124 (690)	Aroclor-1260	7.10E-02		2.78					
LDWG 2005b	LDW-SS46	Aroclor-1260	6.80E-02		2.07					
Weston 1999	DR122 (688)	Aroclor-1260	6.30E-02		2.18					
LDWG 2005a	LDW-SS58	Aroclor-1260	5.90E-02		1.78					
LDWG 2005a	LDW-SS51	Aroclor-1260	5.80E-02		2.13					
Weston 1999	DR152 (718)	Aroclor-1260	5.70E-02		2.37					
Weston 1999	DR159 (725)	Aroclor-1260	5.30E-02	J	2.76					
Weston 1999	DR121 (687)	Aroclor-1260	5.20E-02		2.39					
LDWG 2005a	LDW-SS48	Aroclor-1260	4.90E-02		1.36					
Weston 1999	DR054 (620)	Aroclor-1260	4.70E-02		2.36					
LDWG 2005a	LDW-SS44	Aroclor-1260	3.40E-02		1.53					
LDWG 2005a	LDW-SS49	Aroclor-1260	3.10E-02		2.47					
LDWG 2005b	LDW-SS59	Aroclor-1260	2.60E-02		2.07					
LDWG 2005b	LDW-SS47	Aroclor-1260	2.50E-02		1.45					
LDWG 2005a	LDW-SS48	Arsenic	8.07E+02		1.36	57	93	mg/kg DW	14	8.7
LDWG 2005a	LDW-SS49	Arsenic	1.71E+02		2.47	57	93	mg/kg DW	3.0	1.8
LDWG 2005b	LDW-SS47	Arsenic	1.61E+02		1.45	57	93	mg/kg DW	2.8	1.7
LDWG 2005a	LDW-SS56	Arsenic	1.61E+02		1.13	57	93	mg/kg DW	2.8	1.7
LDWG 2005b	LDW-SS46	Arsenic	7.11E+01		2.07	57	93	mg/kg DW	1.2	0.8
LDWG 2005a	LDW-SS44	Arsenic	4.68E+01		1.53	57	93	mg/kg DW	0.8	0.5
LDWG 2005b	LDW-SS53	Arsenic	3.97E+01		2.64	57	93	mg/kg DW	0.7	0.4
LDWG 2005b	LDW-SSB4a	Arsenic	3.81E+01		1.82	57	93	mg/kg DW	0.7	0.4
LDWG 2005a	LDW-SS57	Arsenic	3.54E+01		1.73	57	93	mg/kg DW	0.6	0.4
LDWG 2005a	LDW-SS58	Arsenic	3.39E+01		1.78	57	93	mg/kg DW	0.6	0.4
Weston 1999	DR124 (690)	Arsenic	3.18E+01		2.78	57	93	mg/kg DW	0.6	0.3
LDWG 2005b	LDW-SS45	Arsenic	2.62E+01		2.81	57	93	mg/kg DW	0.5	0.3
Weston 1999	DR054 (620)	Arsenic	2.36E+01		2.36	57	93	mg/kg DW	0.4	0.3
LDWG 2005a	LDW-SS43	Arsenic	2.35E+01		1.67	57	93	mg/kg DW	0.4	0.3
LDWG 2005b	LDW-SS59	Arsenic	2.07E+01		2.07	57	93	mg/kg DW	0.4	0.2
Weston 1999	DR120 (686)	Arsenic	1.85E+01		2.78	57	93	mg/kg DW	0.3	0.2

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR121 (687)	Arsenic	1.75E+01		2.39	57	93	mg/kg DW	0.3	0.2
LDWG 2005a	LDW-SS55	Arsenic	1.72E+01		1.53	57	93	mg/kg DW	0.3	0.2
LDWG 2005a	LDW-SS51	Arsenic	1.69E+01		2.13	57	93	mg/kg DW	0.3	0.2
Weston 1999	DR122 (688)	Arsenic	1.68E+01		2.18	57	93	mg/kg DW	0.3	0.2
Weston 1999	DR126 (692)	Arsenic	1.34E+01		3.09	57	93	mg/kg DW	0.2	0.1
Weston 1999	DR127 (693)	Arsenic	1.31E+01		2.78	57	93	mg/kg DW	0.2	0.1
Weston 1999	DR152 (718)	Arsenic	1.30E+01		2.37	57	93	mg/kg DW	0.2	0.1
Weston 1999	DR159 (725)	Arsenic	1.18E+01		2.76	57	93	mg/kg DW	0.2	0.1
Weston 1999	DR054 (620)	Barium	1.05E+02		2.36					
Weston 1999	DR121 (687)	Barium	9.70E+01		2.39					
Weston 1999	DR122 (688)	Barium	9.10E+01		2.18					
Weston 1999	DR120 (686)	Barium	8.90E+01		2.78					
Weston 1999	DR124 (690)	Barium	8.90E+01		2.78					
Weston 1999	DR152 (718)	Barium	8.80E+01		2.37					
Weston 1999	DR127 (693)	Barium	8.40E+01		2.78					
Weston 1999	DR126 (692)	Barium	8.00E+01		3.09					
Weston 1999	DR159 (725)	Barium	7.20E+01		2.76					
Weston 1999	DR120 (686)	Benzo(a)anthracene	2.40E+00		2.78	110	270	mg/kg OC	0.8	0.3
LDWG 2005a	LDW-SS48	Benzo(a)anthracene	1.20E+00		1.36	110	270	mg/kg OC	0.8	0.3
LDWG 2005b	LDW-SS53	Benzo(a)anthracene	1.10E+00		2.64	110	270	mg/kg OC	0.4	0.2
LDWG 2005b	LDW-SS46	Benzo(a)anthracene	9.20E-01		2.07	110	270	mg/kg OC	0.4	0.2
LDWG 2005a	LDW-SS44	Benzo(a)anthracene	5.70E-01		1.53	110	270	mg/kg OC	0.3	0.1
Weston 1999	DR126 (692)	Benzo(a)anthracene	4.90E-01		3.09	110	270	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS47	Benzo(a)anthracene	4.90E-01		1.45	110	270	mg/kg OC	0.3	0.1
Weston 1999	DR124 (690)	Benzo(a)anthracene	4.80E-01		2.78	110	270	mg/kg OC	0.2	0.1
Weston 1999	DR127 (693)	Benzo(a)anthracene	4.10E-01		2.78	110	270	mg/kg OC	0.1	0.1
Weston 1999	DR122 (688)	Benzo(a)anthracene	3.50E-01		2.18	110	270	mg/kg OC	0.1	0.1
Weston 1999	DR054 (620)	Benzo(a)anthracene	3.30E-01		2.36	110	270	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS49	Benzo(a)anthracene	3.20E-01		2.47	110	270	mg/kg OC	0.1	0.05
Weston 1999	DR159 (725)	Benzo(a)anthracene	3.10E-01		2.76	110	270	mg/kg OC	0.1	0.04
LDWG 2005b	LDW-SSB4a	Benzo(a)anthracene	2.70E-01		1.82	110	270	mg/kg OC	0.1	0.1
Weston 1999	DR121 (687)	Benzo(a)anthracene	2.50E-01		2.39	110	270	mg/kg OC	0.1	0.04
LDWG 2005b	LDW-SS45	Benzo(a)anthracene	2.30E-01		2.81	110	270	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS56	Benzo(a)anthracene	2.30E-01		1.13	110	270	mg/kg OC	0.2	0.1
Weston 1999	DR152 (718)	Benzo(a)anthracene	2.20E-01		2.37	110	270	mg/kg OC	0.1	0.03

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005b	LDW-SS59	Benzo(a)anthracene	2.00E-01		2.07	110	270	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS57	Benzo(a)anthracene	1.90E-01		1.73	110	270	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS55	Benzo(a)anthracene	1.60E-01		1.53	110	270	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS58	Benzo(a)anthracene	1.50E-01		1.78	110	270	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS51	Benzo(a)anthracene	1.30E-01		2.13	110	270	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS43	Benzo(a)anthracene	1.20E-01		1.67	110	270	mg/kg OC	0.1	0.03
LDWG 2005b	LDW-SS46	Benzo(a)pyrene	1.10E+00		2.07	99	210	mg/kg OC	0.5	0.3
LDWG 2005a	LDW-SS48	Benzo(a)pyrene	1.00E+00		1.36	99	210	mg/kg OC	0.7	0.4
Weston 1999	DR124 (690)	Benzo(a)pyrene	7.70E-01		2.78	99	210	mg/kg OC	0.3	0.1
Weston 1999	DR120 (686)	Benzo(a)pyrene	6.20E-01		2.78	99	210	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SS47	Benzo(a)pyrene	4.80E-01		1.45	99	210	mg/kg OC	0.3	0.2
LDWG 2005a	LDW-SS44	Benzo(a)pyrene	4.70E-01		1.53	99	210	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SSB4a	Benzo(a)pyrene	4.40E-01		1.82	99	210	mg/kg OC	0.2	0.1
Weston 1999	DR126 (692)	Benzo(a)pyrene	4.20E-01		3.09	99	210	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS53	Benzo(a)pyrene	4.10E-01		2.64	99	210	mg/kg OC	0.2	0.1
Weston 1999	DR122 (688)	Benzo(a)pyrene	3.60E-01		2.18	99	210	mg/kg OC	0.2	0.1
Weston 1999	DR127 (693)	Benzo(a)pyrene	3.30E-01		2.78	99	210	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS56	Benzo(a)pyrene	3.30E-01		1.13	99	210	mg/kg OC	0.3	0.1
Weston 1999	DR054 (620)	Benzo(a)pyrene	2.90E-01		2.36	99	210	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS59	Benzo(a)pyrene	2.90E-01		2.07	99	210	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS49	Benzo(a)pyrene	2.80E-01		2.47	99	210	mg/kg OC	0.1	0.1
Weston 1999	DR159 (725)	Benzo(a)pyrene	2.50E-01		2.76	99	210	mg/kg OC	0.1	0.04
LDWG 2005b	LDW-SS45	Benzo(a)pyrene	2.40E-01		2.81	99	210	mg/kg OC	0.1	0.04
Weston 1999	DR121 (687)	Benzo(a)pyrene	2.30E-01		2.39	99	210	mg/kg OC	0.1	0.05
LDWG 2005a	LDW-SS57	Benzo(a)pyrene	2.30E-01		1.73	99	210	mg/kg OC	0.1	0.1
Weston 1999	DR152 (718)	Benzo(a)pyrene	2.20E-01		2.37	99	210	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS58	Benzo(a)pyrene	1.80E-01		1.78	99	210	mg/kg OC	0.1	0.05
LDWG 2005a	LDW-SS43	Benzo(a)pyrene	1.50E-01		1.67	99	210	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS51	Benzo(a)pyrene	1.20E-01		2.13	99	210	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS55	Benzo(a)pyrene	1.10E-01		1.53	99	210	mg/kg OC	0.1	0.03
Weston 1999	DR120 (686)	Benzo(b)fluoranthene	2.00E+00		2.78	230	450	mg/kg OC	0.3	0.2
LDWG 2005b	LDW-SS46	Benzo(b)fluoranthene	1.80E+00		2.07	230	450	mg/kg OC	0.4	0.2
Weston 1999	DR124 (690)	Benzo(b)fluoranthene	1.00E+00		2.78	230	450	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS48	Benzo(b)fluoranthene	1.00E+00		1.36	230	450	mg/kg OC	0.3	0.2
LDWG 2005b	LDW-SS53	Benzo(b)fluoranthene	7.80E-01		2.64	230	450	mg/kg OC	0.1	0.1

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR126 (692)	Benzo(b)fluoranthene	6.00E-01		3.09	230	450	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS44	Benzo(b)fluoranthene	5.10E-01		1.53	230	450	mg/kg OC	0.1	0.1
Weston 1999	DR127 (693)	Benzo(b)fluoranthene	4.80E-01		2.78	230	450	mg/kg OC	0.1	0.04
Weston 1999	DR122 (688)	Benzo(b)fluoranthene	4.60E-01		2.18	230	450	mg/kg OC	0.1	0.05
LDWG 2005b	LDW-SS47	Benzo(b)fluoranthene	4.60E-01		1.45	230	450	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SSB4a	Benzo(b)fluoranthene	4.40E-01		1.82	230	450	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS59	Benzo(b)fluoranthene	4.20E-01		2.07	230	450	mg/kg OC	0.1	0.05
Weston 1999	DR054 (620)	Benzo(b)fluoranthene	3.60E-01		2.36	230	450	mg/kg OC	0.1	0.03
Weston 1999	DR159 (725)	Benzo(b)fluoranthene	3.30E-01		2.76	230	450	mg/kg OC	0.1	0.03
Weston 1999	DR121 (687)	Benzo(b)fluoranthene	3.20E-01		2.39	230	450	mg/kg OC	0.1	0.03
LDWG 2005b	LDW-SS45	Benzo(b)fluoranthene	3.20E-01		2.81	230	450	mg/kg OC	0.05	0.03
LDWG 2005a	LDW-SS49	Benzo(b)fluoranthene	3.20E-01		2.47	230	450	mg/kg OC	0.1	0.03
Weston 1999	DR152 (718)	Benzo(b)fluoranthene	2.90E-01		2.37	230	450	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS56	Benzo(b)fluoranthene	2.80E-01		1.13	230	450	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS57	Benzo(b)fluoranthene	2.80E-01		1.73	230	450	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS58	Benzo(b)fluoranthene	2.20E-01		1.78	230	450	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS55	Benzo(b)fluoranthene	1.90E-01		1.53	230	450	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS51	Benzo(b)fluoranthene	1.70E-01		2.13	230	450	mg/kg OC	0.03	0.02
LDWG 2005a	LDW-SS43	Benzo(b)fluoranthene	1.40E-01		1.67	230	450	mg/kg OC	0.04	0.02
Weston 1999	DR124 (690)	Benzo(g,h,i)perylene	6.00E-01		2.78	31	78	mg/kg OC	0.7	0.3
Weston 1999	DR120 (686)	Benzo(g,h,i)perylene	3.80E-01		2.78	31	78	mg/kg OC	0.4	0.2
LDWG 2005b	LDW-SS46	Benzo(g,h,i)perylene	3.20E-01		2.07	31	78	mg/kg OC	0.5	0.2
LDWG 2005a	LDW-SS48	Benzo(g,h,i)perylene	2.90E-01		1.36	31	78	mg/kg OC	0.7	0.3
Weston 1999	DR122 (688)	Benzo(g,h,i)perylene	2.60E-01		2.18	31	78	mg/kg OC	0.4	0.2
Weston 1999	DR126 (692)	Benzo(g,h,i)perylene	2.60E-01		3.09	31	78	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SS47	Benzo(g,h,i)perylene	2.30E-01		1.45	31	78	mg/kg OC	0.5	0.2
Weston 1999	DR127 (693)	Benzo(g,h,i)perylene	2.10E-01		2.78	31	78	mg/kg OC	0.2	0.1
Weston 1999	DR054 (620)	Benzo(g,h,i)perylene	1.90E-01		2.36	31	78	mg/kg OC	0.3	0.1
LDWG 2005a	LDW-SS44	Benzo(g,h,i)perylene	1.70E-01		1.53	31	78	mg/kg OC	0.4	0.1
Weston 1999	DR121 (687)	Benzo(g,h,i)perylene	1.60E-01		2.39	31	78	mg/kg OC	0.2	0.1
Weston 1999	DR159 (725)	Benzo(g,h,i)perylene	1.60E-01		2.76	31	78	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS49	Benzo(g,h,i)perylene	1.50E-01		2.47	31	78	mg/kg OC	0.2	0.1
Weston 1999	DR152 (718)	Benzo(g,h,i)perylene	1.40E-01		2.37	31	78	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS56	Benzo(g,h,i)perylene	1.30E-01		1.13	31	78	mg/kg OC	0.4	0.1
LDWG 2005b	LDW-SSB4a	Benzo(g,h,i)perylene	1.30E-01		1.82	31	78	mg/kg OC	0.2	0.1

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005b	LDW-SS59	Benzo(g,h,i)perylene	1.10E-01		2.07	31	78	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SS45	Benzo(g,h,i)perylene	1.00E-01		2.81	31	78	mg/kg OC	0.1	0.05
LDWG 2005a	LDW-SS57	Benzo(g,h,i)perylene	9.90E-02	J	1.73	31	78	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS58	Benzo(g,h,i)perylene	8.60E-02	J	1.78	31	78	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SS53	Benzo(g,h,i)perylene	5.90E-02		2.64	31	78	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS43	Benzo(g,h,i)perylene	4.60E-02		1.67	31	78	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS51	Benzo(g,h,i)perylene	3.80E-02		2.13	31	78	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SS46	Benzo(k)fluoranthene	1.20E+00		2.07	230	450	mg/kg OC	0.3	0.1
LDWG 2005a	LDW-SS48	Benzo(k)fluoranthene	9.50E-01		1.36	230	450	mg/kg OC	0.3	0.2
Weston 1999	DR120 (686)	Benzo(k)fluoranthene	8.90E-01		2.78	230	450	mg/kg OC	0.1	0.1
Weston 1999	DR124 (690)	Benzo(k)fluoranthene	7.40E-01		2.78	230	450	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS44	Benzo(k)fluoranthene	5.50E-01		1.53	230	450	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SS47	Benzo(k)fluoranthene	4.60E-01		1.45	230	450	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS59	Benzo(k)fluoranthene	4.50E-01		2.07	230	450	mg/kg OC	0.1	0.05
LDWG 2005b	LDW-SSB4a	Benzo(k)fluoranthene	4.00E-01		1.82	230	450	mg/kg OC	0.1	0.05
Weston 1999	DR122 (688)	Benzo(k)fluoranthene	3.90E-01		2.18	230	450	mg/kg OC	0.1	0.04
Weston 1999	DR126 (692)	Benzo(k)fluoranthene	3.70E-01		3.09	230	450	mg/kg OC	0.1	0.03
LDWG 2005b	LDW-SS53	Benzo(k)fluoranthene	3.20E-01		2.64	230	450	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS56	Benzo(k)fluoranthene	3.10E-01		1.13	230	450	mg/kg OC	0.1	0.1
Weston 1999	DR054 (620)	Benzo(k)fluoranthene	3.00E-01		2.36	230	450	mg/kg OC	0.1	0.03
Weston 1999	DR127 (693)	Benzo(k)fluoranthene	3.00E-01		2.78	230	450	mg/kg OC	0.05	0.02
LDWG 2005a	LDW-SS57	Benzo(k)fluoranthene	3.00E-01		1.73	230	450	mg/kg OC	0.1	0.04
LDWG 2005b	LDW-SS45	Benzo(k)fluoranthene	2.70E-01		2.81	230	450	mg/kg OC	0.04	0.02
Weston 1999	DR152 (718)	Benzo(k)fluoranthene	2.60E-01		2.37	230	450	mg/kg OC	0.05	0.02
Weston 1999	DR159 (725)	Benzo(k)fluoranthene	2.40E-01		2.76	230	450	mg/kg OC	0.04	0.02
Weston 1999	DR121 (687)	Benzo(k)fluoranthene	2.20E-01		2.39	230	450	mg/kg OC	0.04	0.02
LDWG 2005a	LDW-SS58	Benzo(k)fluoranthene	2.20E-01		1.78	230	450	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS49	Benzo(k)fluoranthene	2.00E-01		2.47	230	450	mg/kg OC	0.04	0.02
LDWG 2005a	LDW-SS55	Benzo(k)fluoranthene	1.70E-01		1.53	230	450	mg/kg OC	0.05	0.02
LDWG 2005a	LDW-SS51	Benzo(k)fluoranthene	1.10E-01		2.13	230	450	mg/kg OC	0.02	0.01
LDWG 2005a	LDW-SS43	Benzo(k)fluoranthene	9.90E-02		1.67	230	450	mg/kg OC	0.03	0.01
LDWG 2005b	LDW-SS46	Benzofluoranthenes (total-calc'd)	3.00E+00		2.07	230	450	mg/kg OC	0.6	0.3
Weston 1999	DR120 (686)	Benzofluoranthenes (total-calc'd)	2.89E+00		2.78	230	450	mg/kg OC	0.5	0.2
LDWG 2005a	LDW-SS48	Benzofluoranthenes (total-calc'd)	2.00E+00		1.36	230	450	mg/kg OC	0.6	0.3
Weston 1999	DR124 (690)	Benzofluoranthenes (total-calc'd)	1.74E+00		2.78	230	450	mg/kg OC	0.3	0.1

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005b	LDW-SS53	Benzofluoranthenes (total-calc'd)	1.10E+00		2.64	230	450	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS44	Benzofluoranthenes (total-calc'd)	1.06E+00		1.53	230	450	mg/kg OC	0.3	0.2
Weston 1999	DR126 (692)	Benzofluoranthenes (total-calc'd)	9.70E-01		3.09	230	450	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS47	Benzofluoranthenes (total-calc'd)	9.20E-01		1.45	230	450	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SS59	Benzofluoranthenes (total-calc'd)	8.70E-01		2.07	230	450	mg/kg OC	0.2	0.1
Weston 1999	DR122 (688)	Benzofluoranthenes (total-calc'd)	8.50E-01		2.18	230	450	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SSB4a	Benzofluoranthenes (total-calc'd)	8.40E-01		1.82	230	450	mg/kg OC	0.2	0.1
Weston 1999	DR127 (693)	Benzofluoranthenes (total-calc'd)	7.80E-01		2.78	230	450	mg/kg OC	0.1	0.1
Weston 1999	DR054 (620)	Benzofluoranthenes (total-calc'd)	6.60E-01		2.36	230	450	mg/kg OC	0.1	0.1
LDWG 2005b	LDW-SS45	Benzofluoranthenes (total-calc'd)	5.90E-01		2.81	230	450	mg/kg OC	0.1	0.05
LDWG 2005a	LDW-SS56	Benzofluoranthenes (total-calc'd)	5.90E-01		1.13	230	450	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS57	Benzofluoranthenes (total-calc'd)	5.80E-01		1.73	230	450	mg/kg OC	0.1	0.1
Weston 1999	DR159 (725)	Benzofluoranthenes (total-calc'd)	5.70E-01		2.76	230	450	mg/kg OC	0.1	0.05
Weston 1999	DR152 (718)	Benzofluoranthenes (total-calc'd)	5.50E-01		2.37	230	450	mg/kg OC	0.1	0.1
Weston 1999	DR121 (687)	Benzofluoranthenes (total-calc'd)	5.40E-01		2.39	230	450	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS49	Benzofluoranthenes (total-calc'd)	5.20E-01		2.47	230	450	mg/kg OC	0.1	0.05
LDWG 2005a	LDW-SS58	Benzofluoranthenes (total-calc'd)	4.40E-01		1.78	230	450	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS55	Benzofluoranthenes (total-calc'd)	3.60E-01		1.53	230	450	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS51	Benzofluoranthenes (total-calc'd)	2.80E-01		2.13	230	450	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS43	Benzofluoranthenes (total-calc'd)	2.40E-01		1.67	230	450	mg/kg OC	0.1	0.03
LDWG 2005b	LDW-SS46	Benzoic acid	2.20E-01	J	2.07	650	650	ug/kg DW	0.3	0.3
LDWG 2005b	LDW-SS47	Benzoic acid	2.20E-01	J	1.45	650	650	ug/kg DW	0.3	0.3
Weston 1999	DR054 (620)	Beryllium	4.90E-01		2.36					
Weston 1999	DR122 (688)	Beryllium	4.90E-01	J	2.18					
Weston 1999	DR121 (687)	Beryllium	4.80E-01		2.39					
Weston 1999	DR124 (690)	Beryllium	4.50E-01		2.78					
Weston 1999	DR152 (718)	Beryllium	4.50E-01		2.37					
Weston 1999	DR120 (686)	Beryllium	4.20E-01		2.78					
Weston 1999	DR127 (693)	Beryllium	4.20E-01		2.78					
Weston 1999	DR159 (725)	Beryllium	3.90E-01		2.76					
Weston 1999	DR126 (692)	Beryllium	3.80E-01		3.09					
LDWG 2005b	LDW-SS46	Bis(2-ethylhexyl)phthalate	1.60E+00		2.07	47	78	mg/kg OC	1.6	1.0
Weston 1999	DR124 (690)	Bis(2-ethylhexyl)phthalate	9.40E-01		2.78	47	78	mg/kg OC	0.7	0.4
LDWG 2005a	LDW-SS48	Bis(2-ethylhexyl)phthalate	7.70E-01		1.36	47	78	mg/kg OC	1.2	0.7
Weston 1999	DR126 (692)	Bis(2-ethylhexyl)phthalate	5.90E-01		3.09	47	78	mg/kg OC	0.4	0.2

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR122 (688)	Bis(2-ethylhexyl)phthalate	5.60E-01		2.18	47	78	mg/kg OC	0.5	0.3
Weston 1999	DR127 (693)	Bis(2-ethylhexyl)phthalate	5.50E-01		2.78	47	78	mg/kg OC	0.4	0.3
LDWG 2005b	LDW-SS59	Bis(2-ethylhexyl)phthalate	5.30E-01		2.07	47	78	mg/kg OC	0.5	0.3
Weston 1999	DR054 (620)	Bis(2-ethylhexyl)phthalate	4.50E-01		2.36	47	78	mg/kg OC	0.4	0.2
Weston 1999	DR152 (718)	Bis(2-ethylhexyl)phthalate	4.50E-01		2.37	47	78	mg/kg OC	0.4	0.2
Weston 1999	DR120 (686)	Bis(2-ethylhexyl)phthalate	4.40E-01		2.78	47	78	mg/kg OC	0.3	0.2
Weston 1999	DR121 (687)	Bis(2-ethylhexyl)phthalate	3.40E-01		2.39	47	78	mg/kg OC	0.3	0.2
LDWG 2005b	LDW-SS45	Bis(2-ethylhexyl)phthalate	3.00E-01		2.81	47	78	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS57	Bis(2-ethylhexyl)phthalate	2.90E-01		1.73	47	78	mg/kg OC	0.4	0.2
LDWG 2005a	LDW-SS58	Bis(2-ethylhexyl)phthalate	2.80E-01		1.78	47	78	mg/kg OC	0.3	0.2
LDWG 2005a	LDW-SS56	Bis(2-ethylhexyl)phthalate	2.10E-01		1.13	47	78	mg/kg OC	0.4	0.2
LDWG 2005b	LDW-SS47	Bis(2-ethylhexyl)phthalate	2.00E-01		1.45	47	78	mg/kg OC	0.3	0.2
LDWG 2005b	LDW-SS53	Bis(2-ethylhexyl)phthalate	2.00E-01		2.64	47	78	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SSB4a	Bis(2-ethylhexyl)phthalate	1.70E-01		1.82	47	78	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS49	Bis(2-ethylhexyl)phthalate	1.60E-01		2.47	47	78	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS44	Bis(2-ethylhexyl)phthalate	1.20E-01		1.53	47	78	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS55	Bis(2-ethylhexyl)phthalate	9.80E-02		1.53	47	78	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS43	Bis(2-ethylhexyl)phthalate	8.00E-02		1.67	47	78	mg/kg OC	0.1	0.1
Weston 1999	DR126 (692)	Butyl benzyl phthalate	4.60E-01		3.09	4.9	64	mg/kg OC	3.0	0.2
Weston 1999	DR124 (690)	Butyl benzyl phthalate	1.00E-01		2.78	4.9	64	mg/kg OC	0.7	0.1
LDWG 2005b	LDW-SS59	Butyl benzyl phthalate	8.00E-02		2.07	4.9	64	mg/kg OC	0.8	0.1
LDWG 2005a	LDW-SS48	Butyl benzyl phthalate	7.10E-02		1.36	4.9	64	mg/kg OC	1.1	0.1
Weston 1999	DR122 (688)	Butyl benzyl phthalate	7.00E-02		2.18	4.9	64	mg/kg OC	0.7	0.1
Weston 1999	DR054 (620)	Butyl benzyl phthalate	4.00E-02		2.36	4.9	64	mg/kg OC	0.3	0.03
Weston 1999	DR127 (693)	Butyl benzyl phthalate	4.00E-02		2.78	4.9	64	mg/kg OC	0.3	0.02
Weston 1999	DR152 (718)	Butyl benzyl phthalate	4.00E-02		2.37	4.9	64	mg/kg OC	0.3	0.03
Weston 1999	DR159 (725)	Butyl benzyl phthalate	4.00E-02		2.76	4.9	64	mg/kg OC	0.3	0.02
Weston 1999	DR121 (687)	Butyl benzyl phthalate	3.00E-02		2.39	4.9	64	mg/kg OC	0.3	0.02
LDWG 2005a	LDW-SS51	Butyl benzyl phthalate	2.80E-02		2.13	4.9	64	mg/kg OC	0.3	0.02
LDWG 2005b	LDW-SS53	Butyl benzyl phthalate	2.50E-02		2.64	4.9	64	mg/kg OC	0.2	0.01
LDWG 2005b	LDW-SS47	Butyl benzyl phthalate	2.20E-02		1.45	4.9	64	mg/kg OC	0.3	0.02
LDWG 2005a	LDW-SS48	Cadmium	3.00E+00		1.36	5.1	6.7	mg/kg DW	0.6	0.4
LDWG 2005b	LDW-SS45	Cadmium	1.00E+00		2.81	5.1	6.7	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS49	Cadmium	1.00E+00		2.47	5.1	6.7	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS58	Cadmium	1.00E+00		1.78	5.1	6.7	mg/kg DW	0.2	0.1

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Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005b	LDW-SS46	Cadmium	8.00E-01		2.07	5.1	6.7	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS44	Cadmium	7.00E-01		1.53	5.1	6.7	mg/kg DW	0.1	0.1
LDWG 2005b	LDW-SS53	Cadmium	7.00E-01		2.64	5.1	6.7	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS57	Cadmium	7.00E-01		1.73	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR124 (690)	Cadmium	6.50E-01		2.78	5.1	6.7	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS51	Cadmium	6.00E-01		2.13	5.1	6.7	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS56	Cadmium	6.00E-01		1.13	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR120 (686)	Cadmium	5.40E-01		2.78	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR152 (718)	Cadmium	5.00E-01		2.37	5.1	6.7	mg/kg DW	0.1	0.1
LDWG 2005b	LDW-SS59	Cadmium	5.00E-01		2.07	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR121 (687)	Cadmium	4.20E-01		2.39	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR126 (692)	Cadmium	4.10E-01		3.09	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR127 (693)	Cadmium	4.10E-01		2.78	5.1	6.7	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS55	Cadmium	4.00E-01		1.53	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR054 (620)	Cadmium	3.70E-01		2.36	5.1	6.7	mg/kg DW	0.1	0.1
Weston 1999	DR122 (688)	Cadmium	3.00E-01		2.18	5.1	6.7	mg/kg DW	0.1	0.0
Weston 1999	DR159 (725)	Cadmium	3.00E-01		2.76	5.1	6.7	mg/kg DW	0.1	0.0
LDWG 2005b	LDW-SSB4a	Cadmium	3.00E-01		1.82	5.1	6.7	mg/kg DW	0.1	0.0
Weston 1999	DR120 (686)	Carbazole	3.20E-01		2.78					
LDWG 2005a	LDW-SS48	Carbazole	3.00E-01		1.36					
LDWG 2005b	LDW-SS46	Carbazole	1.80E-01		2.07					
LDWG 2005a	LDW-SS55	Carbazole	1.60E-01		1.53					
LDWG 2005b	LDW-SS47	Carbazole	9.20E-02		1.45					
Weston 1999	DR124 (690)	Carbazole	8.00E-02		2.78					
LDWG 2005a	LDW-SS49	Carbazole	5.30E-02	J	2.47					
Weston 1999	DR126 (692)	Carbazole	5.00E-02		3.09					
Weston 1999	DR159 (725)	Carbazole	5.00E-02		2.76					
Weston 1999	DR122 (688)	Carbazole	4.00E-02		2.18					
Weston 1999	DR127 (693)	Carbazole	4.00E-02		2.78					
LDWG 2005b	LDW-SS59	Carbazole	4.00E-02		2.07					
Weston 1999	DR054 (620)	Carbazole	3.00E-02		2.36					
Weston 1999	DR152 (718)	Carbazole	3.00E-02		2.37					
LDWG 2005b	LDW-SS53	Carbazole	2.60E-02		2.64					
Weston 1999	DR121 (687)	Carbazole	2.00E-02		2.39					
LDWG 2005a	LDW-SS48	Chromium	1.53E+02		1.36	260	270	mg/kg DW	0.6	0.6

Table A-1
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Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005b	LDW-SS46	Chromium	5.60E+01		2.07	260	270	mg/kg DW	0.2	0.2
LDWG 2005b	LDW-SS47	Chromium	5.30E+01		1.45	260	270	mg/kg DW	0.2	0.2
LDWG 2005a	LDW-SS49	Chromium	5.30E+01		2.47	260	270	mg/kg DW	0.2	0.2
LDWG 2005a	LDW-SS58	Chromium	4.50E+01		1.78	260	270	mg/kg DW	0.2	0.2
LDWG 2005b	LDW-SS59	Chromium	4.35E+01		2.07	260	270	mg/kg DW	0.2	0.2
LDWG 2005a	LDW-SS57	Chromium	4.30E+01		1.73	260	270	mg/kg DW	0.2	0.2
LDWG 2005b	LDW-SS53	Chromium	4.20E+01		2.64	260	270	mg/kg DW	0.2	0.2
LDWG 2005a	LDW-SS56	Chromium	4.12E+01		1.13	260	270	mg/kg DW	0.2	0.2
LDWG 2005b	LDW-SS45	Chromium	4.10E+01		2.81	260	270	mg/kg DW	0.2	0.2
Weston 1999	DR121 (687)	Chromium	3.90E+01		2.39	260	270	mg/kg DW	0.2	0.1
Weston 1999	DR124 (690)	Chromium	3.90E+01		2.78	260	270	mg/kg DW	0.2	0.1
Weston 1999	DR122 (688)	Chromium	3.80E+01		2.18	260	270	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS51	Chromium	3.80E+01		2.13	260	270	mg/kg DW	0.1	0.1
LDWG 2005b	LDW-SSB4a	Chromium	3.43E+01		1.82	260	270	mg/kg DW	0.1	0.1
Weston 1999	DR054 (620)	Chromium	3.40E+01		2.36	260	270	mg/kg DW	0.1	0.1
Weston 1999	DR152 (718)	Chromium	3.40E+01		2.37	260	270	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS44	Chromium	3.32E+01		1.53	260	270	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS43	Chromium	3.29E+01		1.67	260	270	mg/kg DW	0.1	0.1
Weston 1999	DR127 (693)	Chromium	3.10E+01		2.78	260	270	mg/kg DW	0.1	0.1
Weston 1999	DR126 (692)	Chromium	3.00E+01		3.09	260	270	mg/kg DW	0.1	0.1
Weston 1999	DR120 (686)	Chromium	2.80E+01		2.78	260	270	mg/kg DW	0.1	0.1
Weston 1999	DR159 (725)	Chromium	2.60E+01		2.76	260	270	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS55	Chromium	2.54E+01		1.53	260	270	mg/kg DW	0.1	0.1
Weston 1999	DR120 (686)	Chrysene	3.30E+00		2.78	100	460	mg/kg OC	1.2	0.3
LDWG 2005a	LDW-SS48	Chrysene	1.90E+00		1.36	100	460	mg/kg OC	1.4	0.3
LDWG 2005b	LDW-SS46	Chrysene	1.40E+00		2.07	100	460	mg/kg OC	0.7	0.1
Weston 1999	DR124 (690)	Chrysene	7.90E-01		2.78	100	460	mg/kg OC	0.3	0.1
Weston 1999	DR126 (692)	Chrysene	7.20E-01		3.09	100	460	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS44	Chrysene	6.50E-01		1.53	100	460	mg/kg OC	0.4	0.1
Weston 1999	DR127 (693)	Chrysene	6.10E-01		2.78	100	460	mg/kg OC	0.2	0.05
LDWG 2005b	LDW-SS47	Chrysene	5.90E-01		1.45	100	460	mg/kg OC	0.4	0.1
LDWG 2005a	LDW-SS49	Chrysene	5.70E-01		2.47	100	460	mg/kg OC	0.2	0.1
Weston 1999	DR122 (688)	Chrysene	5.50E-01		2.18	100	460	mg/kg OC	0.3	0.1
Weston 1999	DR054 (620)	Chrysene	4.90E-01		2.36	100	460	mg/kg OC	0.2	0.05
LDWG 2005b	LDW-SSB4a	Chrysene	4.70E-01		1.82	100	460	mg/kg OC	0.3	0.1

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LDWG 2005b	LDW-SS53	Chrysene	4.60E-01		2.64	100	460	mg/kg OC	0.2	0.04
LDWG 2005b	LDW-SS59	Chrysene	4.00E-01		2.07	100	460	mg/kg OC	0.2	0.04
Weston 1999	DR159 (725)	Chrysene	3.90E-01		2.76	100	460	mg/kg OC	0.1	0.03
LDWG 2005b	LDW-SS45	Chrysene	3.90E-01		2.81	100	460	mg/kg OC	0.1	0.03
Weston 1999	DR121 (687)	Chrysene	3.60E-01		2.39	100	460	mg/kg OC	0.2	0.03
LDWG 2005a	LDW-SS56	Chrysene	3.60E-01		1.13	100	460	mg/kg OC	0.3	0.1
Weston 1999	DR152 (718)	Chrysene	3.50E-01		2.37	100	460	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS57	Chrysene	2.90E-01		1.73	100	460	mg/kg OC	0.2	0.04
LDWG 2005a	LDW-SS58	Chrysene	2.90E-01		1.78	100	460	mg/kg OC	0.2	0.04
LDWG 2005a	LDW-SS51	Chrysene	2.70E-01		2.13	100	460	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS55	Chrysene	2.20E-01		1.53	100	460	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS43	Chrysene	1.30E-01		1.67	100	460	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS48	Cobalt	5.00E+01		1.36					
LDWG 2005b	LDW-SS47	Cobalt	3.00E+01		1.45					
LDWG 2005b	LDW-SS46	Cobalt	2.80E+01		2.07					
LDWG 2005a	LDW-SS49	Cobalt	2.40E+01		2.47					
LDWG 2005a	LDW-SS56	Cobalt	1.87E+01		1.13					
Weston 1999	DR054 (620)	Cobalt	1.20E+01		2.36					
Weston 1999	DR122 (688)	Cobalt	1.20E+01		2.18					
LDWG 2005b	LDW-SS53	Cobalt	1.20E+01		2.64					
LDWG 2005a	LDW-SS58	Cobalt	1.14E+01		1.78					
LDWG 2005a	LDW-SS57	Cobalt	1.13E+01		1.73					
LDWG 2005a	LDW-SS43	Cobalt	1.12E+01		1.67					
LDWG 2005b	LDW-SS45	Cobalt	1.12E+01		2.81					
Weston 1999	DR121 (687)	Cobalt	1.10E+01		2.39					
Weston 1999	DR152 (718)	Cobalt	1.10E+01		2.37					
LDWG 2005b	LDW-SS59	Cobalt	1.10E+01		2.07					
LDWG 2005a	LDW-SS51	Cobalt	1.05E+01		2.13					
Weston 1999	DR120 (686)	Cobalt	1.00E+01		2.78					
Weston 1999	DR124 (690)	Cobalt	1.00E+01		2.78					
Weston 1999	DR127 (693)	Cobalt	1.00E+01		2.78					
LDWG 2005a	LDW-SS44	Cobalt	9.80E+00		1.53					
LDWG 2005a	LDW-SS55	Cobalt	9.70E+00		1.53					
Weston 1999	DR126 (692)	Cobalt	9.00E+00		3.09					
LDWG 2005b	LDW-SSB4a	Cobalt	9.00E+00		1.82					

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Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR159 (725)	Cobalt	8.00E+00		2.76					
LDWG 2005a	LDW-SS48	Copper	1.42E+03		1.36	390	390	mg/kg DW	3.6	3.6
LDWG 2005b	LDW-SS47	Copper	1.34E+03		1.45	390	390	mg/kg DW	3.4	3.4
LDWG 2005b	LDW-SS46	Copper	1.23E+03		2.07	390	390	mg/kg DW	3.2	3.2
LDWG 2005a	LDW-SS49	Copper	6.05E+02		2.47	390	390	mg/kg DW	1.6	1.6
LDWG 2005a	LDW-SS56	Copper	3.65E+02		1.13	390	390	mg/kg DW	0.9	0.9
LDWG 2005b	LDW-SSB4a	Copper	2.26E+02	J	1.82	390	390	mg/kg DW	0.6	0.6
LDWG 2005a	LDW-SS44	Copper	2.14E+02		1.53	390	390	mg/kg DW	0.5	0.5
Weston 1999	DR120 (686)	Copper	1.81E+02		2.78	390	390	mg/kg DW	0.5	0.5
LDWG 2005a	LDW-SS57	Copper	1.79E+02		1.73	390	390	mg/kg DW	0.5	0.5
LDWG 2005b	LDW-SS53	Copper	1.63E+02	J	2.64	390	390	mg/kg DW	0.4	0.4
LDWG 2005b	LDW-SS45	Copper	1.55E+02		2.81	390	390	mg/kg DW	0.4	0.4
LDWG 2005a	LDW-SS58	Copper	1.46E+02		1.78	390	390	mg/kg DW	0.4	0.4
Weston 1999	DR054 (620)	Copper	1.40E+02		2.36	390	390	mg/kg DW	0.4	0.4
LDWG 2005a	LDW-SS55	Copper	1.37E+02		1.53	390	390	mg/kg DW	0.4	0.4
LDWG 2005a	LDW-SS51	Copper	1.27E+02		2.13	390	390	mg/kg DW	0.3	0.3
LDWG 2005a	LDW-SS43	Copper	1.21E+02		1.67	390	390	mg/kg DW	0.3	0.3
Weston 1999	DR124 (690)	Copper	1.19E+02		2.78	390	390	mg/kg DW	0.3	0.3
Weston 1999	DR121 (687)	Copper	1.05E+02		2.39	390	390	mg/kg DW	0.3	0.3
LDWG 2005b	LDW-SS59	Copper	1.02E+02	J	2.07	390	390	mg/kg DW	0.3	0.3
Weston 1999	DR122 (688)	Copper	1.00E+02		2.18	390	390	mg/kg DW	0.3	0.3
Weston 1999	DR126 (692)	Copper	8.90E+01		3.09	390	390	mg/kg DW	0.2	0.2
Weston 1999	DR127 (693)	Copper	8.50E+01		2.78	390	390	mg/kg DW	0.2	0.2
Weston 1999	DR152 (718)	Copper	7.30E+01		2.37	390	390	mg/kg DW	0.2	0.2
Weston 1999	DR159 (725)	Copper	5.10E+01		2.76	390	390	mg/kg DW	0.1	0.1
Weston 1999	DR120 (686)	Dibenzo(a,h)anthracene	1.60E-01		2.78	12	33	mg/kg OC	0.5	0.2
LDWG 2005a	LDW-SS48	Dibenzo(a,h)anthracene	1.60E-01		1.36	12	33	mg/kg OC	1.0	0.4
Weston 1999	DR124 (690)	Dibenzo(a,h)anthracene	1.40E-01		2.78	12	33	mg/kg OC	0.4	0.2
Weston 1999	DR122 (688)	Dibenzo(a,h)anthracene	7.00E-02		2.18	12	33	mg/kg OC	0.3	0.1
Weston 1999	DR126 (692)	Dibenzo(a,h)anthracene	7.00E-02		3.09	12	33	mg/kg OC	0.2	0.1
Weston 1999	DR127 (693)	Dibenzo(a,h)anthracene	6.00E-02		2.78	12	33	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SS46	Dibenzo(a,h)anthracene	5.80E-02	J	2.07	12	33	mg/kg OC	0.2	0.1
Weston 1999	DR054 (620)	Dibenzo(a,h)anthracene	5.00E-02		2.36	12	33	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SS59	Dibenzo(a,h)anthracene	4.50E-02		2.07	12	33	mg/kg OC	0.2	0.1
Weston 1999	DR121 (687)	Dibenzo(a,h)anthracene	4.00E-02		2.39	12	33	mg/kg OC	0.1	0.1

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR159 (725)	Dibenzo(a,h)anthracene	4.00E-02		2.76	12	33	mg/kg OC	0.1	0.04
LDWG 2005b	LDW-SS53	Dibenzo(a,h)anthracene	3.40E-02		2.64	12	33	mg/kg OC	0.1	0.04
Weston 1999	DR152 (718)	Dibenzo(a,h)anthracene	3.00E-02		2.37	12	33	mg/kg OC	0.1	0.04
Weston 1999	DR120 (686)	Dibenzofuran	3.20E-01		2.78	15	58	mg/kg OC	0.8	0.2
LDWG 2005a	LDW-SS55	Dibenzofuran	1.40E-01		1.53	15	58	mg/kg OC	0.6	0.2
LDWG 2005a	LDW-SS48	Dibenzofuran	1.00E-01		1.36	15	58	mg/kg OC	0.5	0.1
LDWG 2005b	LDW-SS47	Dibenzofuran	7.80E-02		1.45	15	58	mg/kg OC	0.4	0.1
LDWG 2005b	LDW-SS46	Dibenzofuran	7.10E-02		2.07	15	58	mg/kg OC	0.2	0.1
Weston 1999	DR126 (692)	Dibenzofuran	6.00E-02		3.09	15	58	mg/kg OC	0.1	0.03
Weston 1999	DR159 (725)	Dibenzofuran	4.00E-02		2.76	15	58	mg/kg OC	0.1	0.02
Weston 1999	DR127 (693)	Dibenzofuran	3.00E-02		2.78	15	58	mg/kg OC	0.1	0.02
Weston 1999	DR054 (620)	Dibenzofuran	2.00E-02		2.36	15	58	mg/kg OC	0.1	0.01
Weston 1999	DR121 (687)	Dibenzofuran	2.00E-02		2.39	15	58	mg/kg OC	0.1	0.01
Weston 1999	DR122 (688)	Dibenzofuran	2.00E-02		2.18	15	58	mg/kg OC	0.1	0.02
Weston 1999	DR124 (690)	Dibenzofuran	2.00E-02		2.78	15	58	mg/kg OC	0.05	0.01
LDWG 2005b	LDW-SS46	Dibutyltin as ion	5.60E-01		2.07					
LDWG 2005b	LDW-SS47	Dibutyltin as ion	1.50E-01	J	1.45					
LDWG 2005a	LDW-SS49	Dibutyltin as ion	5.90E-02		2.47					
LDWG 2005b	LDW-SS45	Dibutyltin as ion	3.10E-02		2.81					
Weston 1999	DR121 (687)	Dibutyltin as ion	2.90E-02	J	2.39					
LDWG 2005a	LDW-SS43	Dibutyltin as ion	2.60E-02		1.67					
Weston 1999	DR152 (718)	Dibutyltin as ion	2.40E-02	J	2.37					
LDWG 2005a	LDW-SS56	Dibutyltin as ion	2.30E-02		1.13					
Weston 1999	DR054 (620)	Dibutyltin as ion	2.10E-02	J	2.36					
LDWG 2005a	LDW-SS51	Dibutyltin as ion	7.80E-03		2.13					
LDWG 2005a	LDW-SS58	Dibutyltin as ion	6.90E-03		1.78					
LDWG 2005b	LDW-SS46	Diethyl phthalate	1.60E-02		2.07	61	110	mg/kg OC	0.01	0.01
LDWG 2005b	LDW-SS47	Diethyl phthalate	1.20E-02		1.45	61	110	mg/kg OC	0.01	0.01
LDWG 2005a	LDW-SS43	Diethyl phthalate	6.60E-03		1.67	61	110	mg/kg OC	0.01	0.00
Weston 1999	DR122 (688)	Dimethyl phthalate	2.00E-02		2.18	53	53	mg/kg OC	0.02	0.02
Weston 1999	DR126 (692)	Dimethyl phthalate	2.00E-02		3.09	53	53	mg/kg OC	0.01	0.01
LDWG 2005b	LDW-SS47	Dimethyl phthalate	1.20E-02		1.45	53	53	mg/kg OC	0.02	0.02
LDWG 2005a	LDW-SS43	Dimethyl phthalate	7.30E-03		1.67	53	53	mg/kg OC	0.01	0.01
LDWG 2005a	LDW-SS48	Di-n-butyl phthalate	9.20E-02		1.36	220	1700	mg/kg OC	0.03	0.004
LDWG 2005b	LDW-SS47	Di-n-butyl phthalate	4.30E-02		1.45	220	1700	mg/kg OC	0.01	0.002

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR159 (725)	Di-n-butyl phthalate	4.00E-02		2.76	220	1700	mg/kg OC	0.01	0.001
Weston 1999	DR120 (686)	Di-n-butyl phthalate	3.00E-02		2.78	220	1700	mg/kg OC	0.005	0.001
Weston 1999	DR124 (690)	Di-n-butyl phthalate	2.00E-02		2.78	220	1700	mg/kg OC	0.003	0.0004
Weston 1999	DR126 (692)	Di-n-butyl phthalate	2.00E-02		3.09	220	1700	mg/kg OC	0.003	0.0004
Weston 1999	DR127 (693)	Di-n-butyl phthalate	2.00E-02		2.78	220	1700	mg/kg OC	0.003	0.0004
LDWG 2005a	LDW-SS56	Dioxin/furan TEQ - Mammal - Half DL	2.08E-03	J	1.13					
LDWG 2005a	LDW-SS58	Dioxin/furan TEQ - Mammal - Half DL	5.76E-04	J	1.78					
LDWG 2005a	LDW-SS57	Dioxin/furan TEQ - Mammal - Half DL	4.44E-04	J	1.73					
LDWG 2005b	LDW-SS59	Dioxin/furan TEQ - Mammal - Half DL	4.66E-05	J	2.07					
LDWG 2005a	LDW-SS43	Dioxin/furan TEQ - Mammal - Half DL	1.73E-05	J	1.67					
Weston 1999	DR120 (686)	Fluoranthene	1.40E+01		2.78	160	1200	mg/kg OC	3.1	0.4
LDWG 2005a	LDW-SS48	Fluoranthene	2.90E+00		1.36	160	1200	mg/kg OC	1.3	0.2
LDWG 2005b	LDW-SS46	Fluoranthene	1.90E+00		2.07	160	1200	mg/kg OC	0.6	0.1
Weston 1999	DR126 (692)	Fluoranthene	1.30E+00		3.09	160	1200	mg/kg OC	0.3	0.04
LDWG 2005b	LDW-SS47	Fluoranthene	1.20E+00		1.45	160	1200	mg/kg OC	0.5	0.1
Weston 1999	DR124 (690)	Fluoranthene	1.10E+00		2.78	160	1200	mg/kg OC	0.2	0.03
Weston 1999	DR127 (693)	Fluoranthene	1.00E+00		2.78	160	1200	mg/kg OC	0.2	0.03
LDWG 2005a	LDW-SS49	Fluoranthene	1.00E+00		2.47	160	1200	mg/kg OC	0.3	0.03
Weston 1999	DR159 (725)	Fluoranthene	9.60E-01		2.76	160	1200	mg/kg OC	0.2	0.03
LDWG 2005a	LDW-SS44	Fluoranthene	9.40E-01		1.53	160	1200	mg/kg OC	0.4	0.1
Weston 1999	DR054 (620)	Fluoranthene	8.90E-01		2.36	160	1200	mg/kg OC	0.2	0.03
Weston 1999	DR122 (688)	Fluoranthene	7.50E-01		2.18	160	1200	mg/kg OC	0.2	0.03
LDWG 2005b	LDW-SS53	Fluoranthene	7.50E-01		2.64	160	1200	mg/kg OC	0.2	0.02
LDWG 2005a	LDW-SS55	Fluoranthene	6.40E-01		1.53	160	1200	mg/kg OC	0.3	0.03
Weston 1999	DR121 (687)	Fluoranthene	6.00E-01		2.39	160	1200	mg/kg OC	0.2	0.02
LDWG 2005b	LDW-SSB4a	Fluoranthene	5.70E-01		1.82	160	1200	mg/kg OC	0.2	0.03
Weston 1999	DR152 (718)	Fluoranthene	5.30E-01		2.37	160	1200	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SS59	Fluoranthene	5.20E-01		2.07	160	1200	mg/kg OC	0.2	0.02
LDWG 2005b	LDW-SS45	Fluoranthene	5.00E-01		2.81	160	1200	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS57	Fluoranthene	4.20E-01		1.73	160	1200	mg/kg OC	0.2	0.02
LDWG 2005a	LDW-SS56	Fluoranthene	4.00E-01		1.13	160	1200	mg/kg OC	0.2	0.03
LDWG 2005a	LDW-SS51	Fluoranthene	3.30E-01		2.13	160	1200	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS58	Fluoranthene	3.20E-01		1.78	160	1200	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS43	Fluoranthene	1.50E-01		1.67	160	1200	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS55	Fluorene	2.40E-01		1.53	23	79	mg/kg OC	0.7	0.2

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS48	Fluorene	2.30E-01		1.36	23	79	mg/kg OC	0.7	0.2
Weston 1999	DR120 (686)	Fluorene	1.90E-01		2.78	23	79	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SS47	Fluorene	1.40E-01		1.45	23	79	mg/kg OC	0.4	0.1
LDWG 2005b	LDW-SS46	Fluorene	1.20E-01		2.07	23	79	mg/kg OC	0.3	0.1
Weston 1999	DR126 (692)	Fluorene	8.00E-02		3.09	23	79	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS49	Fluorene	6.80E-02	J	2.47	23	79	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS44	Fluorene	6.30E-02		1.53	23	79	mg/kg OC	0.2	0.1
Weston 1999	DR127 (693)	Fluorene	6.00E-02		2.78	23	79	mg/kg OC	0.1	0.03
Weston 1999	DR159 (725)	Fluorene	5.00E-02		2.76	23	79	mg/kg OC	0.1	0.02
Weston 1999	DR054 (620)	Fluorene	4.00E-02		2.36	23	79	mg/kg OC	0.1	0.02
Weston 1999	DR122 (688)	Fluorene	4.00E-02		2.18	23	79	mg/kg OC	0.1	0.02
Weston 1999	DR124 (690)	Fluorene	4.00E-02		2.78	23	79	mg/kg OC	0.1	0.02
Weston 1999	DR121 (687)	Fluorene	3.00E-02		2.39	23	79	mg/kg OC	0.1	0.02
Weston 1999	DR152 (718)	Fluorene	3.00E-02		2.37	23	79	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SS53	Fluorene	2.90E-02		2.64	23	79	mg/kg OC	0.05	0.01
LDWG 2005b	LDW-SSB4a	Hexachlorobenzene	2.10E-03	JN	1.82	0.38	2.3	mg/kg OC	0.3	0.1
Weston 1999	DR124 (690)	Indeno(1,2,3-cd)pyrene	6.80E-01		2.78	34	88	mg/kg OC	0.7	0.3
LDWG 2005b	LDW-SS46	Indeno(1,2,3-cd)pyrene	6.80E-01		2.07	34	88	mg/kg OC	1.0	0.4
Weston 1999	DR120 (686)	Indeno(1,2,3-cd)pyrene	4.70E-01		2.78	34	88	mg/kg OC	0.5	0.2
LDWG 2005a	LDW-SS48	Indeno(1,2,3-cd)pyrene	3.60E-01		1.36	34	88	mg/kg OC	0.8	0.3
LDWG 2005b	LDW-SS59	Indeno(1,2,3-cd)pyrene	3.10E-01		2.07	34	88	mg/kg OC	0.4	0.2
LDWG 2005b	LDW-SS47	Indeno(1,2,3-cd)pyrene	3.00E-01		1.45	34	88	mg/kg OC	0.6	0.2
Weston 1999	DR122 (688)	Indeno(1,2,3-cd)pyrene	2.90E-01		2.18	34	88	mg/kg OC	0.4	0.2
Weston 1999	DR126 (692)	Indeno(1,2,3-cd)pyrene	2.90E-01		3.09	34	88	mg/kg OC	0.3	0.1
Weston 1999	DR127 (693)	Indeno(1,2,3-cd)pyrene	2.40E-01		2.78	34	88	mg/kg OC	0.3	0.1
Weston 1999	DR054 (620)	Indeno(1,2,3-cd)pyrene	2.10E-01		2.36	34	88	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SS53	Indeno(1,2,3-cd)pyrene	2.00E-01		2.64	34	88	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SSB4a	Indeno(1,2,3-cd)pyrene	2.00E-01		1.82	34	88	mg/kg OC	0.3	0.1
Weston 1999	DR159 (725)	Indeno(1,2,3-cd)pyrene	1.80E-01		2.76	34	88	mg/kg OC	0.2	0.1
Weston 1999	DR121 (687)	Indeno(1,2,3-cd)pyrene	1.70E-01		2.39	34	88	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS44	Indeno(1,2,3-cd)pyrene	1.70E-01		1.53	34	88	mg/kg OC	0.3	0.1
Weston 1999	DR152 (718)	Indeno(1,2,3-cd)pyrene	1.40E-01		2.37	34	88	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS49	Indeno(1,2,3-cd)pyrene	1.40E-01		2.47	34	88	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS56	Indeno(1,2,3-cd)pyrene	1.30E-01		1.13	34	88	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SS45	Indeno(1,2,3-cd)pyrene	1.20E-01		2.81	34	88	mg/kg OC	0.1	0.0

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Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS43	Indeno(1,2,3-cd)pyrene	1.10E-01		1.67	34	88	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS57	Indeno(1,2,3-cd)pyrene	1.00E-01	J	1.73	34	88	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS58	Indeno(1,2,3-cd)pyrene	8.00E-02	J	1.78	34	88	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS51	Indeno(1,2,3-cd)pyrene	4.60E-02		2.13	34	88	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS55	Indeno(1,2,3-cd)pyrene	3.90E-02		1.53	34	88	mg/kg OC	0.1	0.03
Weston 1999	DR121 (687)	Iron	3.78E+04	J	2.39					
Weston 1999	DR122 (688)	Iron	3.72E+04		2.18					
Weston 1999	DR054 (620)	Iron	3.54E+04	J	2.36					
Weston 1999	DR152 (718)	Iron	3.36E+04		2.37					
Weston 1999	DR120 (686)	Iron	3.16E+04	J	2.78					
Weston 1999	DR127 (693)	Iron	3.12E+04	J	2.78					
Weston 1999	DR124 (690)	Iron	3.05E+04		2.78					
Weston 1999	DR126 (692)	Iron	2.92E+04	J	3.09					
Weston 1999	DR159 (725)	Iron	2.83E+04	J	2.76					
LDWG 2005a	LDW-SS48	Lead	7.80E+02		1.36	450	530	mg/kg DW	1.7	1.5
LDWG 2005a	LDW-SS58	Lead	2.87E+02		1.78	450	530	mg/kg DW	0.6	0.5
LDWG 2005a	LDW-SS49	Lead	2.10E+02		2.47	450	530	mg/kg DW	0.5	0.4
LDWG 2005a	LDW-SS56	Lead	1.60E+02		1.13	450	530	mg/kg DW	0.4	0.3
LDWG 2005a	LDW-SS57	Lead	1.38E+02		1.73	450	530	mg/kg DW	0.3	0.3
LDWG 2005b	LDW-SS47	Lead	1.30E+02		1.45	450	530	mg/kg DW	0.3	0.2
LDWG 2005b	LDW-SS46	Lead	1.25E+02		2.07	450	530	mg/kg DW	0.3	0.2
LDWG 2005b	LDW-SS45	Lead	9.80E+01		2.81	450	530	mg/kg DW	0.2	0.2
Weston 1999	DR124 (690)	Lead	8.32E+01		2.78	450	530	mg/kg DW	0.2	0.2
LDWG 2005b	LDW-SSB4a	Lead	7.50E+01		1.82	450	530	mg/kg DW	0.2	0.1
LDWG 2005b	LDW-SS53	Lead	7.40E+01		2.64	450	530	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS44	Lead	6.80E+01		1.53	450	530	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS51	Lead	6.40E+01		2.13	450	530	mg/kg DW	0.1	0.1
LDWG 2005b	LDW-SS59	Lead	6.00E+01		2.07	450	530	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS55	Lead	5.30E+01		1.53	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR120 (686)	Lead	5.29E+01		2.78	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR054 (620)	Lead	4.89E+01		2.36	450	530	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS43	Lead	4.80E+01		1.67	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR127 (693)	Lead	4.72E+01		2.78	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR121 (687)	Lead	4.67E+01		2.39	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR122 (688)	Lead	4.67E+01	J	2.18	450	530	mg/kg DW	0.1	0.1

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR126 (692)	Lead	4.60E+01		3.09	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR152 (718)	Lead	3.81E+01		2.37	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR159 (725)	Lead	3.32E+01		2.76	450	530	mg/kg DW	0.1	0.1
Weston 1999	DR054 (620)	Manganese	4.39E+02		2.36					
Weston 1999	DR121 (687)	Manganese	4.39E+02		2.39					
Weston 1999	DR120 (686)	Manganese	4.18E+02		2.78					
Weston 1999	DR122 (688)	Manganese	3.87E+02		2.18					
Weston 1999	DR124 (690)	Manganese	3.64E+02		2.78					
Weston 1999	DR152 (718)	Manganese	3.54E+02		2.37					
Weston 1999	DR127 (693)	Manganese	3.36E+02		2.78					
Weston 1999	DR126 (692)	Manganese	3.11E+02		3.09					
Weston 1999	DR159 (725)	Manganese	2.99E+02		2.76					
LDWG 2005a	LDW-SS48	Mercury	7.90E-01		1.36	0.41	0.59	mg/kg DW	1.9	1.3
LDWG 2005b	LDW-SS45	Mercury	4.00E-01		2.81	0.41	0.59	mg/kg DW	1.0	0.7
LDWG 2005a	LDW-SS49	Mercury	3.60E-01		2.47	0.41	0.59	mg/kg DW	0.9	0.6
LDWG 2005b	LDW-SS46	Mercury	3.30E-01		2.07	0.41	0.59	mg/kg DW	0.8	0.6
LDWG 2005b	LDW-SS53	Mercury	3.10E-01		2.64	0.41	0.59	mg/kg DW	0.8	0.5
LDWG 2005a	LDW-SS57	Mercury	3.10E-01		1.73	0.41	0.59	mg/kg DW	0.8	0.5
LDWG 2005a	LDW-SS51	Mercury	3.00E-01		2.13	0.41	0.59	mg/kg DW	0.7	0.5
LDWG 2005a	LDW-SS58	Mercury	2.90E-01		1.78	0.41	0.59	mg/kg DW	0.7	0.5
Weston 1999	DR121 (687)	Mercury	2.70E-01		2.39	0.41	0.59	mg/kg DW	0.7	0.5
Weston 1999	DR152 (718)	Mercury	2.50E-01		2.37	0.41	0.59	mg/kg DW	0.6	0.4
Weston 1999	DR126 (692)	Mercury	2.40E-01		3.09	0.41	0.59	mg/kg DW	0.6	0.4
LDWG 2005a	LDW-SS44	Mercury	2.30E-01		1.53	0.41	0.59	mg/kg DW	0.6	0.4
LDWG 2005b	LDW-SSB4a	Mercury	2.30E-01		1.82	0.41	0.59	mg/kg DW	0.6	0.4
Weston 1999	DR120 (686)	Mercury	2.10E-01		2.78	0.41	0.59	mg/kg DW	0.5	0.4
Weston 1999	DR122 (688)	Mercury	2.00E-01		2.18	0.41	0.59	mg/kg DW	0.5	0.3
Weston 1999	DR127 (693)	Mercury	1.90E-01		2.78	0.41	0.59	mg/kg DW	0.5	0.3
LDWG 2005b	LDW-SS59	Mercury	1.90E-01		2.07	0.41	0.59	mg/kg DW	0.5	0.3
Weston 1999	DR054 (620)	Mercury	1.70E-01		2.36	0.41	0.59	mg/kg DW	0.4	0.3
LDWG 2005a	LDW-SS43	Mercury	1.70E-01		1.67	0.41	0.59	mg/kg DW	0.4	0.3
Weston 1999	DR159 (725)	Mercury	1.60E-01		2.76	0.41	0.59	mg/kg DW	0.4	0.3
LDWG 2005a	LDW-SS55	Mercury	1.50E-01		1.53	0.41	0.59	mg/kg DW	0.4	0.3
LDWG 2005a	LDW-SS56	Mercury	1.40E-01		1.13	0.41	0.59	mg/kg DW	0.3	0.2
LDWG 2005b	LDW-SS47	Mercury	9.00E-02		1.45	0.41	0.59	mg/kg DW	0.2	0.2

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS48	Molybdenum	7.50E+01		1.36					
LDWG 2005a	LDW-SS56	Molybdenum	2.30E+01		1.13					
LDWG 2005b	LDW-SS47	Molybdenum	2.00E+01		1.45					
LDWG 2005a	LDW-SS49	Molybdenum	1.80E+01		2.47					
LDWG 2005b	LDW-SS46	Molybdenum	1.10E+01		2.07					
LDWG 2005b	LDW-SSB4a	Molybdenum	5.70E+00		1.82					
LDWG 2005a	LDW-SS58	Molybdenum	5.50E+00		1.78					
LDWG 2005a	LDW-SS57	Molybdenum	5.00E+00		1.73					
LDWG 2005a	LDW-SS55	Molybdenum	4.70E+00		1.53					
LDWG 2005a	LDW-SS44	Molybdenum	4.50E+00		1.53					
LDWG 2005b	LDW-SS59	Molybdenum	3.10E+00		2.07					
LDWG 2005b	LDW-SS45	Molybdenum	3.00E+00		2.81					
LDWG 2005b	LDW-SS53	Molybdenum	3.00E+00		2.64					
LDWG 2005a	LDW-SS43	Molybdenum	2.00E+00		1.67					
LDWG 2005a	LDW-SS51	Molybdenum	2.00E+00		2.13					
LDWG 2005b	LDW-SS47	Monobutyltin as ion	1.60E-02	J	1.45					
LDWG 2005b	LDW-SS46	Monobutyltin as ion	1.50E-02		2.07					
LDWG 2005a	LDW-SS49	Monobutyltin as ion	8.00E-03	J	2.47					
LDWG 2005a	LDW-SS55	Naphthalene	1.40E-01		1.53	99	170	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS48	Naphthalene	1.10E-01		1.36	99	170	mg/kg OC	0.1	0.05
Weston 1999	DR120 (686)	Naphthalene	1.00E-01		2.78	99	170	mg/kg OC	0.04	0.02
LDWG 2005b	LDW-SS46	Naphthalene	9.00E-02		2.07	99	170	mg/kg OC	0.04	0.03
LDWG 2005b	LDW-SS47	Naphthalene	7.10E-02		1.45	99	170	mg/kg OC	0.05	0.03
LDWG 2005b	LDW-SSB4a	Naphthalene	4.50E-02		1.82	99	170	mg/kg OC	0.02	0.01
Weston 1999	DR126 (692)	Naphthalene	2.00E-02		3.09	99	170	mg/kg OC	0.01	0.004
Weston 1999	DR054 (620)	n-Butyltin	4.00E-02	J	2.36					
Weston 1999	DR121 (687)	n-Butyltin	1.90E-02	J	2.39					
Weston 1999	DR152 (718)	n-Butyltin	1.00E-02	J	2.37					
LDWG 2005b	LDW-SS59	Nickel	3.30E+01		2.07	140	370	mg/kg DW	0.2	0.1
Weston 1999	DR124 (690)	Nickel	3.06E+01		2.78	140	370	mg/kg DW	0.2	0.1
LDWG 2005b	LDW-SS47	Nickel	3.00E+01		1.45	140	370	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS49	Nickel	3.00E+01		2.47	140	370	mg/kg DW	0.2	0.1
Weston 1999	DR054 (620)	Nickel	2.83E+01		2.36	140	370	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS58	Nickel	2.80E+01		1.78	140	370	mg/kg DW	0.2	0.1
Weston 1999	DR122 (688)	Nickel	2.73E+01		2.18	140	370	mg/kg DW	0.2	0.1

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005b	LDW-SS46	Nickel	2.70E+01		2.07	140	370	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS43	Nickel	2.60E+01		1.67	140	370	mg/kg DW	0.2	0.1
LDWG 2005b	LDW-SS53	Nickel	2.60E+01		2.64	140	370	mg/kg DW	0.2	0.1
Weston 1999	DR152 (718)	Nickel	2.55E+01		2.37	140	370	mg/kg DW	0.2	0.1
LDWG 2005b	LDW-SS45	Nickel	2.50E+01		2.81	140	370	mg/kg DW	0.2	0.1
Weston 1999	DR121 (687)	Nickel	2.44E+01		2.39	140	370	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS51	Nickel	2.40E+01		2.13	140	370	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS57	Nickel	2.30E+01		1.73	140	370	mg/kg DW	0.2	0.1
Weston 1999	DR120 (686)	Nickel	2.10E+01		2.78	140	370	mg/kg DW	0.2	0.1
LDWG 2005a	LDW-SS44	Nickel	2.10E+01		1.53	140	370	mg/kg DW	0.2	0.1
Weston 1999	DR127 (693)	Nickel	2.02E+01		2.78	140	370	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS55	Nickel	2.00E+01		1.53	140	370	mg/kg DW	0.1	0.1
Weston 1999	DR126 (692)	Nickel	1.92E+01		3.09	140	370	mg/kg DW	0.1	0.1
Weston 1999	DR159 (725)	Nickel	1.91E+01		2.76	140	370	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS56	Nickel	1.60E+01		1.13	140	370	mg/kg DW	0.1	0.04
LDWG 2005b	LDW-SSB4a	Nickel	1.40E+01		1.82	140	370	mg/kg DW	0.1	0.04
LDWG 2005a	LDW-SS48	Nickel[b,c]	8.20E+01		1.36	140	370	mg/kg DW	0.6	0.2
LDWG 2005b	LDW-SS47	N-Nitrosodiphenylamine	1.50E-02		1.45	11	11	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS56	OCDD	2.41E-01		1.13					
LDWG 2005a	LDW-SS57	OCDD	1.72E-01		1.73					
LDWG 2005a	LDW-SS58	OCDD	1.24E-01		1.78					
LDWG 2005b	LDW-SS59	OCDD	1.56E-02		2.07					
LDWG 2005a	LDW-SS43	OCDD	6.62E-03		1.67					
LDWG 2005a	LDW-SS56	OCDF	9.37E-02		1.13					
LDWG 2005a	LDW-SS57	OCDF	1.87E-02		1.73					
LDWG 2005a	LDW-SS58	OCDF	9.63E-03		1.78					
LDWG 2005b	LDW-SS59	OCDF	1.03E-03		2.07					
LDWG 2005a	LDW-SS43	OCDF	3.24E-04		1.67					
LDWG 2005b	LDW-SSB4a	PCBs (total calc'd)	8.10E-01		1.82	12	65	mg/kg OC	3.7	0.7
LDWG 2005a	LDW-SS56	PCBs (total calc'd)	7.50E-01	J	1.13	12	65	mg/kg OC	5.5	1.0
LDWG 2005a	LDW-SS57	PCBs (total calc'd)	7.50E-01		1.73	12	65	mg/kg OC	3.6	0.7
LDWG 2005b	LDW-SS45	PCBs (total calc'd)	2.90E-01		2.81	12	65	mg/kg OC	0.9	0.2
LDWG 2005a	LDW-SS58	PCBs (total calc'd)	2.60E-01		1.78	12	65	mg/kg OC	1.2	0.2
LDWG 2005b	LDW-SS46	PCBs (total calc'd)	2.40E-01		2.07	12	65	mg/kg OC	1.0	0.2
LDWG 2005b	LDW-SS53	PCBs (total calc'd)	2.20E-01		2.64	12	65	mg/kg OC	0.7	0.1

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS51	PCBs (total calc'd)	1.55E-01	J	2.13	12	65	mg/kg OC	0.6	0.1
LDWG 2005a	LDW-SS48	PCBs (total calc'd)	1.31E-01	J	1.36	12	65	mg/kg OC	0.8	0.1
LDWG 2005a	LDW-SS44	PCBs (total calc'd)	1.03E-01	J	1.53	12	65	mg/kg OC	0.6	0.1
LDWG 2005b	LDW-SS47	PCBs (total calc'd)	7.00E-02		1.45	12	65	mg/kg OC	0.4	0.1
LDWG 2005a	LDW-SS49	PCBs (total calc'd)	7.00E-02		2.47	12	65	mg/kg OC	0.2	0.04
LDWG 2005b	LDW-SS59	PCBs (total calc'd)	5.30E-02		2.07	12	65	mg/kg OC	0.2	0.04
LDWG 2005a	LDW-SS55	PCBs (total calc'd)	2.40E-02	J	1.53	12	65	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS43	PCBs (total calc'd)	1.80E-02	J	1.67	12	65	mg/kg OC	0.1	0.02
Weston 1999	DR120 (686)	PCBs (total-calc'd)	1.88E-01		2.78	12	65	mg/kg OC	0.6	0.1
Weston 1999	DR126 (692)	PCBs (total-calc'd)	1.81E-01		3.09	12	65	mg/kg OC	0.5	0.1
Weston 1999	DR127 (693)	PCBs (total-calc'd)	1.79E-01		2.78	12	65	mg/kg OC	0.5	0.1
Weston 1999	DR124 (690)	PCBs (total-calc'd)	1.61E-01		2.78	12	65	mg/kg OC	0.5	0.1
Weston 1999	DR152 (718)	PCBs (total-calc'd)	1.24E-01		2.37	12	65	mg/kg OC	0.4	0.1
Weston 1999	DR122 (688)	PCBs (total-calc'd)	1.23E-01		2.18	12	65	mg/kg OC	0.5	0.1
Weston 1999	DR159 (725)	PCBs (total-calc'd)	1.18E-01	J	2.76	12	65	mg/kg OC	0.4	0.1
Weston 1999	DR121 (687)	PCBs (total-calc'd)	9.80E-02		2.39	12	65	mg/kg OC	0.3	0.1
Weston 1999	DR054 (620)	PCBs (total-calc'd)	9.70E-02		2.36	12	65	mg/kg OC	0.3	0.1
NOAA 1998	WST354 (329)	PCBs (total-calc'd)	7.40E-02		2.24	12	65	mg/kg OC	0.01	0.001
LDWG 2005b	LDW-SSB4a	Pentachlorophenol	4.10E-01		1.82	360	690	ug/kg DW	1.1	0.59
LDWG 2005b	LDW-SS46	Pentachlorophenol	7.60E-02		2.07	360	690	ug/kg DW	0.21	0.11
Weston 1999	DR120 (686)	Phenanthrene	3.90E+00		2.78	100	480	mg/kg OC	1.4	0.3
LDWG 2005a	LDW-SS48	Phenanthrene	1.70E+00		1.36	100	480	mg/kg OC	1.3	0.3
LDWG 2005b	LDW-SS47	Phenanthrene	1.00E+00		1.45	100	480	mg/kg OC	0.7	0.1
LDWG 2005b	LDW-SS46	Phenanthrene	9.10E-01		2.07	100	480	mg/kg OC	0.4	0.1
LDWG 2005a	LDW-SS49	Phenanthrene	4.90E-01		2.47	100	480	mg/kg OC	0.2	0.04
LDWG 2005a	LDW-SS55	Phenanthrene	4.70E-01		1.53	100	480	mg/kg OC	0.3	0.1
Weston 1999	DR126 (692)	Phenanthrene	4.60E-01		3.09	100	480	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS44	Phenanthrene	4.50E-01		1.53	100	480	mg/kg OC	0.3	0.1
Weston 1999	DR124 (690)	Phenanthrene	4.30E-01		2.78	100	480	mg/kg OC	0.2	0.03
Weston 1999	DR159 (725)	Phenanthrene	3.90E-01		2.76	100	480	mg/kg OC	0.1	0.03
Weston 1999	DR127 (693)	Phenanthrene	3.10E-01		2.78	100	480	mg/kg OC	0.1	0.02
Weston 1999	DR054 (620)	Phenanthrene	2.40E-01		2.36	100	480	mg/kg OC	0.1	0.02
Weston 1999	DR122 (688)	Phenanthrene	2.40E-01		2.18	100	480	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SSB4a	Phenanthrene	2.20E-01		1.82	100	480	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS57	Phenanthrene	1.90E-01		1.73	100	480	mg/kg OC	0.1	0.02

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR152 (718)	Phenanthrene	1.80E-01		2.37	100	480	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SS45	Phenanthrene	1.80E-01		2.81	100	480	mg/kg OC	0.1	0.01
LDWG 2005b	LDW-SS53	Phenanthrene	1.80E-01		2.64	100	480	mg/kg OC	0.1	0.01
Weston 1999	DR121 (687)	Phenanthrene	1.70E-01		2.39	100	480	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS58	Phenanthrene	1.70E-01		1.78	100	480	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SS59	Phenanthrene	1.70E-01		2.07	100	480	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS56	Phenanthrene	1.60E-01		1.13	100	480	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS51	Phenanthrene	1.10E-01		2.13	100	480	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS43	Phenanthrene	6.80E-02		1.67	100	480	mg/kg OC	0.04	0.01
LDWG 2005a	LDW-SS48	Phenol	3.70E-01		1.36	420	1200	ug/kg DW	0.9	0.3
Weston 1999	DR122 (688)	Phenol	3.20E-01		2.18	420	1200	ug/kg DW	0.8	0.3
LDWG 2005a	LDW-SS49	Phenol	2.40E-01		2.47	420	1200	ug/kg DW	0.6	0.2
LDWG 2005b	LDW-SS47	Phenol	2.20E-01		1.45	420	1200	ug/kg DW	0.5	0.2
Weston 1999	DR120 (686)	Phenol	8.00E-02		2.78	420	1200	ug/kg DW	0.2	0.1
Weston 1999	DR054 (620)	Phenol	7.00E-02		2.36	420	1200	ug/kg DW	0.2	0.1
LDWG 2005b	LDW-SS46	Phenol	6.20E-02		2.07	420	1200	ug/kg DW	0.1	0.1
Weston 1999	DR121 (687)	Phenol	3.00E-02		2.39	420	1200	ug/kg DW	0.1	0.03
Weston 1999	DR159 (725)	Phenol	3.00E-02		2.76	420	1200	ug/kg DW	0.1	0.03
Weston 1999	DR126 (692)	Phenol	2.00E-02		3.09	420	1200	ug/kg DW	0.05	0.02
Weston 1999	DR120 (686)	Pyrene	4.90E+00		2.78	1000	1400	mg/kg OC	0.2	0.1
LDWG 2005b	LDW-SS46	Pyrene	2.40E+00		2.07	1000	1400	mg/kg OC	0.1	0.1
LDWG 2005a	LDW-SS48	Pyrene	2.30E+00		1.36	1000	1400	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS44	Pyrene	1.10E+00		1.53	1000	1400	mg/kg OC	0.1	0.1
Weston 1999	DR124 (690)	Pyrene	1.00E+00		2.78	1000	1400	mg/kg OC	0.04	0.03
LDWG 2005b	LDW-SS47	Pyrene	9.80E-01		1.45	1000	1400	mg/kg OC	0.1	0.05
Weston 1999	DR126 (692)	Pyrene	8.80E-01		3.09	1000	1400	mg/kg OC	0.03	0.02
Weston 1999	DR159 (725)	Pyrene	7.50E-01		2.76	1000	1400	mg/kg OC	0.03	0.02
Weston 1999	DR127 (693)	Pyrene	7.30E-01		2.78	1000	1400	mg/kg OC	0.03	0.02
LDWG 2005a	LDW-SS49	Pyrene	7.20E-01		2.47	1000	1400	mg/kg OC	0.03	0.02
Weston 1999	DR122 (688)	Pyrene	7.00E-01		2.18	1000	1400	mg/kg OC	0.03	0.02
Weston 1999	DR054 (620)	Pyrene	6.90E-01		2.36	1000	1400	mg/kg OC	0.03	0.02
LDWG 2005a	LDW-SS55	Pyrene	5.90E-01		1.53	1000	1400	mg/kg OC	0.04	0.03
LDWG 2005a	LDW-SS57	Pyrene	5.80E-01		1.73	1000	1400	mg/kg OC	0.03	0.02
Weston 1999	DR152 (718)	Pyrene	5.40E-01		2.37	1000	1400	mg/kg OC	0.02	0.02
LDWG 2005b	LDW-SSB4a	Pyrene	5.40E-01		1.82	1000	1400	mg/kg OC	0.03	0.02

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS56	Pyrene	5.30E-01		1.13	1000	1400	mg/kg OC	0.05	0.03
Weston 1999	DR121 (687)	Pyrene	4.60E-01		2.39	1000	1400	mg/kg OC	0.02	0.01
LDWG 2005b	LDW-SS45	Pyrene	4.40E-01		2.81	1000	1400	mg/kg OC	0.02	0.01
LDWG 2005b	LDW-SS53	Pyrene	4.20E-01		2.64	1000	1400	mg/kg OC	0.02	0.01
LDWG 2005a	LDW-SS58	Pyrene	4.00E-01		1.78	1000	1400	mg/kg OC	0.02	0.02
LDWG 2005b	LDW-SS59	Pyrene	3.60E-01		2.07	1000	1400	mg/kg OC	0.02	0.01
LDWG 2005a	LDW-SS51	Pyrene	2.40E-01		2.13	1000	1400	mg/kg OC	0.01	0.01
LDWG 2005a	LDW-SS43	Pyrene	1.80E-01		1.67	1000	1400	mg/kg OC	0.01	0.01
Weston 1999	DR121 (687)	Selenium	1.79E+01	J	2.39					
Weston 1999	DR152 (718)	Selenium	1.60E+01		2.37					
Weston 1999	DR159 (725)	Selenium	6.00E+00		2.76					
Weston 1999	DR120 (686)	Selenium	1.00E+00		2.78					
Weston 1999	DR127 (693)	Selenium	1.00E+00		2.78					
Weston 1999	DR126 (692)	Selenium	8.00E-01	J	3.09					
Weston 1999	DR054 (620)	Selenium	5.00E-01	J	2.36					
LDWG 2005a	LDW-SS58	Silver	1.10E+00		1.78	6.1	6.1	mg/kg DW	0.2	0.2
LDWG 2005a	LDW-SS56	Silver	9.00E-01		1.13	6.1	6.1	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS57	Silver	9.00E-01		1.73	6.1	6.1	mg/kg DW	0.1	0.1
LDWG 2005b	LDW-SSB4a	Silver	9.00E-01		1.82	6.1	6.1	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS51	Silver	8.00E-01		2.13	6.1	6.1	mg/kg DW	0.1	0.1
LDWG 2005a	LDW-SS55	Silver	6.00E-01		1.53	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR120 (686)	Silver	3.90E-01		2.78	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR152 (718)	Silver	3.70E-01		2.37	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR121 (687)	Silver	3.50E-01		2.39	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR124 (690)	Silver	3.50E-01	J	2.78	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR126 (692)	Silver	3.50E-01		3.09	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR122 (688)	Silver	3.10E-01		2.18	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR127 (693)	Silver	3.10E-01		2.78	6.1	6.1	mg/kg DW	0.1	0.1
Weston 1999	DR054 (620)	Silver	2.80E-01		2.36	6.1	6.1	mg/kg DW	0.05	0.05
Weston 1999	DR159 (725)	Silver	2.60E-01		2.76	6.1	6.1	mg/kg DW	0.04	0.04
Weston 1999	DR054 (620)	Tetrabutyltin as ion	6.00E-03		2.36					
Weston 1999	DR152 (718)	Tetrabutyltin as ion	5.00E-03	J	2.37					
LDWG 2005b	LDW-SS45	Thallium	5.00E-01		2.81					
LDWG 2005a	LDW-SS48	Thallium	4.00E-01		1.36					
Weston 1999	DR122 (688)	Thallium	2.10E-01	J	2.18					

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR152 (718)	Thallium	1.40E-01		2.37					
Weston 1999	DR054 (620)	Thallium	1.30E-01		2.36					
Weston 1999	DR127 (693)	Thallium	1.30E-01		2.78					
Weston 1999	DR120 (686)	Thallium	1.20E-01		2.78					
Weston 1999	DR126 (692)	Thallium	1.20E-01		3.09					
Weston 1999	DR124 (690)	Thallium	1.10E-01		2.78					
Weston 1999	DR121 (687)	Thallium	1.00E-01		2.39					
Weston 1999	DR159 (725)	Thallium	9.00E-02		2.76					
Weston 1999	DR124 (690)	Tin	1.37E+02	J	2.78					
Weston 1999	DR122 (688)	Tin	4.90E+01	J	2.18					
Weston 1999	DR121 (687)	Tin	1.90E+01		2.39					
Weston 1999	DR126 (692)	Tin	1.40E+01		3.09					
Weston 1999	DR127 (693)	Tin	1.10E+01		2.78					
Weston 1999	DR054 (620)	Tin	1.00E+01		2.36					
Weston 1999	DR152 (718)	Tin	1.00E+01		2.37					
Weston 1999	DR120 (686)	Tin	9.00E+00		2.78					
Weston 1999	DR159 (725)	Tin	4.00E+00		2.76					
Weston 1999	DR120 (686)	Total HPAH (calc'd)	2.91E+01		2.78	960	5300	mg/kg OC	1.1	0.2
LDWG 2005a	LDW-SS48	Total HPAH (calc'd)	1.21E+01		1.36	960	5300	mg/kg OC	0.9	0.2
LDWG 2005b	LDW-SS46	Total HPAH (calc'd)	1.18E+01	J	2.07	960	5300	mg/kg OC	0.6	0.1
Weston 1999	DR124 (690)	Total HPAH (calc'd)	7.30E+00		2.78	960	5300	mg/kg OC	0.3	0.05
Weston 1999	DR126 (692)	Total HPAH (calc'd)	5.40E+00		3.09	960	5300	mg/kg OC	0.2	0.03
LDWG 2005b	LDW-SS47	Total HPAH (calc'd)	5.20E+00		1.45	960	5300	mg/kg OC	0.4	0.1
LDWG 2005a	LDW-SS44	Total HPAH (calc'd)	5.10E+00		1.53	960	5300	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SS53	Total HPAH (calc'd)	4.50E+00		2.64	960	5300	mg/kg OC	0.2	0.03
Weston 1999	DR127 (693)	Total HPAH (calc'd)	4.37E+00		2.78	960	5300	mg/kg OC	0.2	0.03
Weston 1999	DR122 (688)	Total HPAH (calc'd)	4.18E+00		2.18	960	5300	mg/kg OC	0.2	0.04
Weston 1999	DR054 (620)	Total HPAH (calc'd)	3.80E+00		2.36	960	5300	mg/kg OC	0.2	0.03
LDWG 2005a	LDW-SS49	Total HPAH (calc'd)	3.70E+00		2.47	960	5300	mg/kg OC	0.2	0.03
Weston 1999	DR159 (725)	Total HPAH (calc'd)	3.61E+00		2.76	960	5300	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SSB4a	Total HPAH (calc'd)	3.46E+00		1.82	960	5300	mg/kg OC	0.2	0.04
LDWG 2005b	LDW-SS59	Total HPAH (calc'd)	3.11E+00		2.07	960	5300	mg/kg OC	0.2	0.03
Weston 1999	DR121 (687)	Total HPAH (calc'd)	2.81E+00		2.39	960	5300	mg/kg OC	0.1	0.02
Weston 1999	DR152 (718)	Total HPAH (calc'd)	2.72E+00		2.37	960	5300	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS56	Total HPAH (calc'd)	2.70E+00		1.13	960	5300	mg/kg OC	0.2	0.05

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005b	LDW-SS45	Total HPAH (calc'd)	2.61E+00		2.81	960	5300	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS57	Total HPAH (calc'd)	2.49E+00	J	1.73	960	5300	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS55	Total HPAH (calc'd)	2.12E+00		1.53	960	5300	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS58	Total HPAH (calc'd)	1.95E+00	J	1.78	960	5300	mg/kg OC	0.1	0.02
LDWG 2005a	LDW-SS51	Total HPAH (calc'd)	1.45E+00		2.13	960	5300	mg/kg OC	0.1	0.01
LDWG 2005a	LDW-SS43	Total HPAH (calc'd)	1.13E+00		1.67	960	5300	mg/kg OC	0.1	0.01
Weston 1999	DR120 (686)	Total LPAH (calc'd)	4.89E+00		2.78	370	780	mg/kg OC	0.5	0.2
LDWG 2005a	LDW-SS48	Total LPAH (calc'd)	2.90E+00		1.36	370	780	mg/kg OC	0.6	0.3
LDWG 2005b	LDW-SS47	Total LPAH (calc'd)	1.60E+00		1.45	370	780	mg/kg OC	0.3	0.1
LDWG 2005b	LDW-SS46	Total LPAH (calc'd)	1.54E+00		2.07	370	780	mg/kg OC	0.2	0.1
LDWG 2005a	LDW-SS55	Total LPAH (calc'd)	1.14E+00	J	1.53	370	780	mg/kg OC	0.2	0.1
Weston 1999	DR126 (692)	Total LPAH (calc'd)	8.20E-01		3.09	370	780	mg/kg OC	0.1	0.03
LDWG 2005a	LDW-SS49	Total LPAH (calc'd)	7.60E-01	J	2.47	370	780	mg/kg OC	0.1	0.04
LDWG 2005a	LDW-SS44	Total LPAH (calc'd)	7.10E-01		1.53	370	780	mg/kg OC	0.1	0.1
Weston 1999	DR124 (690)	Total LPAH (calc'd)	6.20E-01		2.78	370	780	mg/kg OC	0.1	0.03
Weston 1999	DR159 (725)	Total LPAH (calc'd)	5.80E-01		2.76	370	780	mg/kg OC	0.1	0.03
Weston 1999	DR127 (693)	Total LPAH (calc'd)	5.30E-01		2.78	370	780	mg/kg OC	0.1	0.02
LDWG 2005b	LDW-SSB4a	Total LPAH (calc'd)	4.30E-01		1.82	370	780	mg/kg OC	0.1	0.03
Weston 1999	DR054 (620)	Total LPAH (calc'd)	4.10E-01		2.36	370	780	mg/kg OC	0.0	0.02
Weston 1999	DR122 (688)	Total LPAH (calc'd)	3.90E-01		2.18	370	780	mg/kg OC	0.0	0.02
LDWG 2005b	LDW-SS53	Total LPAH (calc'd)	3.00E-01		2.64	370	780	mg/kg OC	0.0	0.01
Weston 1999	DR121 (687)	Total LPAH (calc'd)	2.90E-01		2.39	370	780	mg/kg OC	0.0	0.02
LDWG 2005a	LDW-SS56	Total LPAH (calc'd)	2.90E-01	J	1.13	370	780	mg/kg OC	0.1	0.03
Weston 1999	DR152 (718)	Total LPAH (calc'd)	2.80E-01		2.37	370	780	mg/kg OC	0.03	0.02
LDWG 2005b	LDW-SS45	Total LPAH (calc'd)	2.70E-01		2.81	370	780	mg/kg OC	0.03	0.01
LDWG 2005b	LDW-SS59	Total LPAH (calc'd)	2.50E-01		2.07	370	780	mg/kg OC	0.03	0.02
LDWG 2005a	LDW-SS57	Total LPAH (calc'd)	1.90E-01		1.73	370	780	mg/kg OC	0.03	0.01
LDWG 2005a	LDW-SS58	Total LPAH (calc'd)	1.70E-01		1.78	370	780	mg/kg OC	0.03	0.01
LDWG 2005a	LDW-SS51	Total LPAH (calc'd)	1.50E-01		2.13	370	780	mg/kg OC	0.02	0.01
LDWG 2005a	LDW-SS43	Total LPAH (calc'd)	9.00E-02		1.67	370	780	mg/kg OC	0.01	0.01
LDWG 2005b	LDW-SS46	Tributyltin as ion	3.00E+00		2.07					
LDWG 2005b	LDW-SS45	Tributyltin as ion	2.60E-01		2.81					
LDWG 2005b	LDW-SS47	Tributyltin as ion	2.30E-01	J	1.45					
Weston 1999	DR054 (620)	Tributyltin as ion	1.90E-01		2.36					
LDWG 2005a	LDW-SS49	Tributyltin as ion	1.40E-01		2.47					

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
Weston 1999	DR121 (687)	Tributyltin as ion	1.15E-01	J	2.39					
LDWG 2005a	LDW-SS43	Tributyltin as ion	9.90E-02		1.67					
LDWG 2005a	LDW-SS56	Tributyltin as ion	9.60E-02		1.13					
Weston 1999	DR152 (718)	Tributyltin as ion	6.80E-02	J	2.37					
LDWG 2005a	LDW-SS51	Tributyltin as ion	2.80E-02		2.13					
LDWG 2005a	LDW-SS58	Tributyltin as ion	2.80E-02		1.78					
LDWG 2005a	LDW-SS55	Tributyltin as ion	1.60E-02		1.53					
LDWG 2005b	LDW-SS53	Tributyltin as ion	6.30E-03		2.64					
LDWG 2005b	LDW-SS46	Vanadium	8.60E+01		2.07					
Weston 1999	DR121 (687)	Vanadium	8.30E+01		2.39					
LDWG 2005b	LDW-SS53	Vanadium	8.11E+01		2.64					
Weston 1999	DR122 (688)	Vanadium	7.90E+01		2.18					
LDWG 2005a	LDW-SS49	Vanadium	7.90E+01		2.47					
LDWG 2005b	LDW-SS47	Vanadium	7.70E+01		1.45					
LDWG 2005b	LDW-SS45	Vanadium	7.69E+01		2.81					
LDWG 2005a	LDW-SS48	Vanadium	7.60E+01		1.36					
Weston 1999	DR152 (718)	Vanadium	7.50E+01		2.37					
LDWG 2005a	LDW-SS51	Vanadium	7.32E+01		2.13					
LDWG 2005a	LDW-SS57	Vanadium	7.26E+01		1.73					
LDWG 2005a	LDW-SS43	Vanadium	7.22E+01		1.67					
Weston 1999	DR054 (620)	Vanadium	7.00E+01		2.36					
LDWG 2005a	LDW-SS58	Vanadium	6.87E+01		1.78					
LDWG 2005b	LDW-SS59	Vanadium	6.74E+01		2.07					
Weston 1999	DR124 (690)	Vanadium	6.60E+01		2.78					
LDWG 2005a	LDW-SS55	Vanadium	6.35E+01		1.53					
LDWG 2005a	LDW-SS44	Vanadium	6.10E+01		1.53					
Weston 1999	DR127 (693)	Vanadium	6.00E+01		2.78					
LDWG 2005a	LDW-SS56	Vanadium	5.93E+01		1.13					
Weston 1999	DR126 (692)	Vanadium	5.50E+01		3.09					
LDWG 2005b	LDW-SSB4a	Vanadium	5.49E+01		1.82					
Weston 1999	DR120 (686)	Vanadium	5.40E+01		2.78					
Weston 1999	DR159 (725)	Vanadium	5.10E+01		2.76					
LDWG 2005a	LDW-SS48	Zinc	2.83E+03		1.36	410	960	mg/kg DW	6.9	2.9
LDWG 2005b	LDW-SS47	Zinc	8.78E+02		1.45	410	960	mg/kg DW	2.1	0.9
LDWG 2005b	LDW-SS46	Zinc	7.94E+02		2.07	410	960	mg/kg DW	1.9	0.8

Table A-1
Surface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Chemical	Conc'n (mg/kg DW)		TOC %	SQS	CSL	Units	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2005a	LDW-SS49	Zinc	7.68E+02		2.47	410	960	mg/kg DW	1.9	0.8
LDWG 2005a	LDW-SS56	Zinc	6.07E+02		1.13	410	960	mg/kg DW	1.5	0.6
Weston 1999	DR124 (690)	Zinc	2.82E+02		2.78	410	960	mg/kg DW	0.7	0.3
LDWG 2005a	LDW-SS58	Zinc	2.81E+02		1.78	410	960	mg/kg DW	0.7	0.3
LDWG 2005a	LDW-SS57	Zinc	2.62E+02		1.73	410	960	mg/kg DW	0.6	0.3
LDWG 2005b	LDW-SS53	Zinc	2.47E+02	J	2.64	410	960	mg/kg DW	0.6	0.3
LDWG 2005a	LDW-SS44	Zinc	2.42E+02		1.53	410	960	mg/kg DW	0.6	0.3
Weston 1999	DR120 (686)	Zinc	2.35E+02		2.78	410	960	mg/kg DW	0.6	0.2
LDWG 2005b	LDW-SS59	Zinc	2.19E+02	J	2.07	410	960	mg/kg DW	0.5	0.2
LDWG 2005b	LDW-SS45	Zinc	2.17E+02		2.81	410	960	mg/kg DW	0.5	0.2
LDWG 2005b	LDW-SSB4a	Zinc	2.14E+02	J	1.82	410	960	mg/kg DW	0.5	0.2
LDWG 2005a	LDW-SS51	Zinc	1.90E+02		2.13	410	960	mg/kg DW	0.5	0.2
Weston 1999	DR054 (620)	Zinc	1.70E+02		2.36	410	960	mg/kg DW	0.4	0.2
Weston 1999	DR121 (687)	Zinc	1.68E+02		2.39	410	960	mg/kg DW	0.4	0.2
LDWG 2005a	LDW-SS43	Zinc	1.65E+02		1.67	410	960	mg/kg DW	0.4	0.2
Weston 1999	DR122 (688)	Zinc	1.64E+02		2.18	410	960	mg/kg DW	0.4	0.2
LDWG 2005a	LDW-SS55	Zinc	1.51E+02		1.53	410	960	mg/kg DW	0.4	0.2
Weston 1999	DR127 (693)	Zinc	1.38E+02		2.78	410	960	mg/kg DW	0.3	0.1
Weston 1999	DR126 (692)	Zinc	1.35E+02		3.09	410	960	mg/kg DW	0.3	0.1
Weston 1999	DR152 (718)	Zinc	1.21E+02		2.37	410	960	mg/kg DW	0.3	0.1
Weston 1999	DR159 (725)	Zinc	1.04E+02		2.76	410	960	mg/kg DW	0.3	0.1

a - Exceedance factors are the ratio of the detected concentration to the CSL or SQS; an exceedance factor greater than 1 indicates that the measured concentration is higher than the corresponding CSL or SQS.
Table presents detections only.
DW - Dry weight
OC - Organic carbon normalized

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	0 - 1	1,2,3,4,6,7,8-HpCDD	4.86E-04	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,4,6,7,8-HpCDD	3.93E-04	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,4,6,7,8-HpCDD	7.32E-04	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,4,6,7,8-HpCDD	5.93E-03	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,4,6,7,8-HpCDD	6.38E-04	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,4,6,7,8-HpCDD	5.13E-04	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,4,6,7,8-HpCDD	4.96E-04	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,4,6,7,8-HpCDD	1.27E-03	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,4,6,7,8-HpCDD	3.11E-05	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	1,2,3,4,6,7,8-HpCDD	2.56E-06	0.48						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,4,6,7,8-HpCDF	1.06E-04	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,4,6,7,8-HpCDF	6.36E-05	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,4,6,7,8-HpCDF	1.18E-04	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,4,6,7,8-HpCDF	8.73E-04	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,4,6,7,8-HpCDF	1.43E-04	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,4,6,7,8-HpCDF	7.38E-05	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,4,6,7,8-HpCDF	8.78E-05	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,4,6,7,8-HpCDF	5.08E-04	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,4,6,7,8-HpCDF	1.11E-05	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	1,2,3,4,6,7,8-HpCDF	7.43E-07 J	0.48						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,4,7,8,9-HpCDF	9.01E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,4,7,8,9-HpCDF	5.67E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,4,7,8,9-HpCDF	1.10E-05	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,4,7,8,9-HpCDF	6.34E-05	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,4,7,8,9-HpCDF	1.21E-05	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,4,7,8,9-HpCDF	6.35E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,4,7,8,9-HpCDF	8.85E-06	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,4,7,8,9-HpCDF	6.62E-05	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,4,7,8,9-HpCDF	1.47E-06	1.06						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,4,7,8-HxCDD	2.83E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,4,7,8-HxCDD	2.87E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,4,7,8-HxCDD	3.90E-06	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,4,7,8-HxCDD	1.12E-05	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,4,7,8-HxCDD	3.39E-06	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,4,7,8-HxCDD	2.51E-06	2.07						

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC28	2 - 4	1,2,3,4,7,8-HxCDD	2.70E-06	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,4,7,8-HxCDD	1.40E-06	1.77						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,4,7,8-HxCDF	1.17E-05	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,4,7,8-HxCDF	9.12E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,4,7,8-HxCDF	1.59E-05	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,4,7,8-HxCDF	4.06E-05	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,4,7,8-HxCDF	1.41E-05	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,4,7,8-HxCDF	1.05E-05	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,4,7,8-HxCDF	2.66E-05	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,4,7,8-HxCDF	1.52E-04	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,4,7,8-HxCDF	1.48E-06	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	1,2,3,4,7,8-HxCDF	1.76E-07 J	0.48						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,6,7,8-HxCDD	1.69E-05	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,6,7,8-HxCDD	1.41E-05	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,6,7,8-HxCDD	2.44E-05	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,6,7,8-HxCDD	1.84E-04	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,6,7,8-HxCDD	2.18E-05	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,6,7,8-HxCDD	1.75E-05	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,6,7,8-HxCDD	1.87E-05	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,6,7,8-HxCDD	4.45E-05	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,6,7,8-HxCDD	8.91E-07	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	1,2,3,6,7,8-HxCDD	1.03E-07 J	0.48						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,6,7,8-HxCDF	3.56E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,6,7,8-HxCDF	2.99E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,6,7,8-HxCDF	4.50E-06	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,6,7,8-HxCDF	1.27E-05	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,6,7,8-HxCDF	3.84E-06	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,6,7,8-HxCDF	3.03E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,6,7,8-HxCDF	5.78E-06	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,6,7,8-HxCDF	2.43E-05	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,6,7,8-HxCDF	3.11E-07 J	1.06						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,7,8,9-HxCDD	1.05E-05	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,7,8,9-HxCDD	9.44E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,7,8,9-HxCDD	1.35E-05	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,7,8,9-HxCDD	5.23E-05	1.88						

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC28	0 - 1	1,2,3,7,8,9-HxCDD	1.14E-05	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,7,8,9-HxCDD	9.85E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,7,8,9-HxCDD	1.01E-05	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,7,8,9-HxCDD	6.98E-06	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,7,8,9-HxCDD	3.31E-07 J	1.06						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,7,8,9-HxCDF	2.26E-07 J	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,7,8,9-HxCDF	2.83E-07 J	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,7,8,9-HxCDF	3.61E-07 J	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,7,8,9-HxCDF	9.83E-07 J	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,7,8,9-HxCDF	4.36E-07 J	2.59						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,7,8,9-HxCDF	4.13E-07 J	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,7,8,9-HxCDF	2.36E-06	1.77						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,7,8-PeCDD	1.90E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,7,8-PeCDD	1.77E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,7,8-PeCDD	2.69E-06	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,7,8-PeCDD	1.05E-05	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,7,8-PeCDD	2.05E-06	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,7,8-PeCDD	1.71E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,7,8-PeCDD	1.81E-06	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,7,8-PeCDD	8.83E-07 J	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,7,8-PeCDD	6.40E-08 J	1.06						
LDWG 2007	LDW-SC26	0 - 1	1,2,3,7,8-PeCDF	1.51E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	1,2,3,7,8-PeCDF	1.32E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	1,2,3,7,8-PeCDF	1.73E-06	2.08						
LDWG 2007	LDW-SC26	6 - 8	1,2,3,7,8-PeCDF	3.24E-06	1.88						
LDWG 2007	LDW-SC28	0 - 1	1,2,3,7,8-PeCDF	1.37E-06	2.59						
LDWG 2007	LDW-SC28	1 - 2	1,2,3,7,8-PeCDF	1.16E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	1,2,3,7,8-PeCDF	1.56E-06	3.14						
LDWG 2007	LDW-SC29	0 - 1	1,2,3,7,8-PeCDF	5.82E-06	1.77						
LDWG 2007	LDW-SC29	1 - 2	1,2,3,7,8-PeCDF	9.30E-08 J	1.06						
LDWG 2007	LDW-SC26	6 - 8	1,2,4-Trichlorobenzene	9.80E-03	1.88	0.81	1.8	mg/kg OC	5.21E-01	0.64	0.29
LDWG 2007	LDW-SC28	6 - 7.5	1,2,4-Trichlorobenzene	1.10E-02	1.61	0.81	1.8	mg/kg OC	6.83E-01	0.84	0.38
LDWG 2007	LDW-SC25	2 - 4	1,2-Dichlorobenzene	7.80E-03	1.69	2.3	2.3	mg/kg OC	4.62E-01	0.20	0.20
LDWG 2007	LDW-SC26	2 - 4	1,2-Dichlorobenzene	9.00E-03	2.08	2.3	2.3	mg/kg OC	4.33E-01	0.19	0.19
LDWG 2007	LDW-SC26	6 - 8	1,2-Dichlorobenzene	7.30E-02	1.88	2.3	2.3	mg/kg OC	3.88E+00	1.7	1.7

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC28	6 - 7.5	1,2-Dichlorobenzene	1.60E-01	1.61	2.3	2.3	mg/kg OC	9.94E+00	4.3	4.3
LDWG 2007	LDW-SC28	6 - 7.5	1,3-Dichlorobenzene[b]	7.20E-03	1.61	170		ug/kg DW		0.04	
LDWG 2007	LDW-SC25	2 - 4	1,4-Dichlorobenzene	4.20E-03 J	1.69	3.1	9	mg/kg OC	2.49E-01	0.08	0.03
LDWG 2007	LDW-SC26	0 - 1	1,4-Dichlorobenzene	3.60E-03 J	1.4	3.1	9	mg/kg OC	2.57E-01	0.08	0.03
LDWG 2007	LDW-SC26	2 - 4	1,4-Dichlorobenzene	4.80E-03 J	2.08	3.1	9	mg/kg OC	2.31E-01	0.07	0.03
LDWG 2007	LDW-SC26	6 - 8	1,4-Dichlorobenzene	1.10E-02	1.88	3.1	9	mg/kg OC	5.85E-01	0.19	0.07
LDWG 2007	LDW-SC28	0 - 1	1,4-Dichlorobenzene	3.60E-03 J	2.59	3.1	9	mg/kg OC	1.39E-01	0.04	0.02
LDWG 2007	LDW-SC28	6 - 7.5	1,4-Dichlorobenzene	2.40E-02	1.61	3.1	9	mg/kg OC	1.49E+00	0.48	0.17
LDWG 2007	LDW-SC26	6 - 8	1-Methylnaphthalene	8.40E-02	1.88						
LDWG 2007	LDW-SC26	0 - 1	2,3,4,6,7,8-HxCDF	2.62E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	2,3,4,6,7,8-HxCDF	2.23E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	2,3,4,6,7,8-HxCDF	3.51E-06	2.08						
LDWG 2007	LDW-SC26	6 - 8	2,3,4,6,7,8-HxCDF	9.77E-06	1.88						
LDWG 2007	LDW-SC28	0 - 1	2,3,4,6,7,8-HxCDF	3.01E-06	2.59						
LDWG 2007	LDW-SC28	1 - 2	2,3,4,6,7,8-HxCDF	2.12E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	2,3,4,6,7,8-HxCDF	3.10E-06	3.14						
LDWG 2007	LDW-SC29	0 - 1	2,3,4,6,7,8-HxCDF	9.55E-06	1.77						
LDWG 2007	LDW-SC29	1 - 2	2,3,4,6,7,8-HxCDF	1.94E-07 J	1.06						
LDWG 2007	LDW-SC26	0 - 1	2,3,4,7,8-PeCDF	3.46E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	2,3,4,7,8-PeCDF	2.67E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	2,3,4,7,8-PeCDF	3.94E-06	2.08						
LDWG 2007	LDW-SC26	6 - 8	2,3,4,7,8-PeCDF	5.92E-06	1.88						
LDWG 2007	LDW-SC28	0 - 1	2,3,4,7,8-PeCDF	3.68E-06	2.59						
LDWG 2007	LDW-SC28	1 - 2	2,3,4,7,8-PeCDF	2.47E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	2,3,4,7,8-PeCDF	5.25E-06	3.14						
LDWG 2007	LDW-SC29	0 - 1	2,3,4,7,8-PeCDF	2.13E-05	1.77						
LDWG 2007	LDW-SC29	1 - 2	2,3,4,7,8-PeCDF	2.84E-07 J	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	2,3,4,7,8-PeCDF	6.70E-08 J	0.48						
LDWG 2007	LDW-SC26	0 - 1	2,3,7,8-TCDD	4.85E-07	1.4						
LDWG 2007	LDW-SC26	1 - 2	2,3,7,8-TCDD	5.24E-07	2.04						
LDWG 2007	LDW-SC26	2 - 4	2,3,7,8-TCDD	8.29E-07	2.08						
LDWG 2007	LDW-SC26	6 - 8	2,3,7,8-TCDD	3.36E-06	1.88						
LDWG 2007	LDW-SC28	0 - 1	2,3,7,8-TCDD	6.36E-07	2.59						
LDWG 2007	LDW-SC28	1 - 2	2,3,7,8-TCDD	5.24E-07	2.07						
LDWG 2007	LDW-SC28	2 - 4	2,3,7,8-TCDD	5.51E-07	3.14						

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC29	0 - 1	2,3,7,8-TCDD	3.25E-07	1.77						
LDWG 2007	LDW-SC26	0 - 1	2,3,7,8-TCDF	1.60E-06	1.4						
LDWG 2007	LDW-SC26	1 - 2	2,3,7,8-TCDF	1.16E-06	2.04						
LDWG 2007	LDW-SC26	2 - 4	2,3,7,8-TCDF	1.66E-06	2.08						
LDWG 2007	LDW-SC26	6 - 8	2,3,7,8-TCDF	3.32E-06	1.88						
LDWG 2007	LDW-SC28	0 - 1	2,3,7,8-TCDF	1.80E-06	2.59						
LDWG 2007	LDW-SC28	1 - 2	2,3,7,8-TCDF	1.26E-06	2.07						
LDWG 2007	LDW-SC28	2 - 4	2,3,7,8-TCDF	1.31E-06	3.14						
LDWG 2007	LDW-SC29	1 - 2	2,3,7,8-TCDF	7.40E-08 J	1.06						
LDWG 2007	LDW-SC25	2 - 4	2,4-Dimethylphenol	7.80E-03	1.69	29	29	ug/kg DW		0.27	0.27
LDWG 2007	LDW-SC26	6 - 8	2,4-Dimethylphenol	2.40E-02 J	1.88	29	29	ug/kg DW		0.83	0.83
LDWG 2007	LDW-SC28	6 - 7.5	2,4-Dimethylphenol	8.50E-03 J	1.61	29	29	ug/kg DW		0.29	0.29
LDWG 2007	LDW-SC28	12 - 13	2,4-Dimethylphenol	4.30E-03 J	1.31	29	29	ug/kg DW		0.15	0.15
LDWG 2007	LDW-SC26	6 - 8	2-Methylnaphthalene	1.10E-01	1.88	38	64	mg/kg OC	5.85E+00	0.15	0.09
LDWG 2007	LDW-SC25	0 - 1	2-Methylphenol	4.10E-03 J	1.94	63	63	ug/kg DW		0.07	0.07
LDWG 2007	LDW-SC25	2 - 4	2-Methylphenol	8.40E-03 J	1.69	63	63	ug/kg DW		0.13	0.13
LDWG 2007	LDW-SC26	6 - 8	2-Methylphenol	1.20E-02	1.88	63	63	ug/kg DW		0.19	0.19
LDWG 2007	LDW-SC28	2 - 4	2-Methylphenol	4.20E-03 J	3.14	63	63	ug/kg DW		0.07	0.07
LDWG 2007	LDW-SC28	6 - 7.5	2-Methylphenol	6.60E-03	1.61	63	63	ug/kg DW		0.10	0.10
LDWG 2007	LDW-SC26	6 - 8	4-Methylphenol	4.80E-02 J	1.88	670	670	ug/kg DW		0.07	0.07
LDWG 2007	LDW-SC28	6 - 7.5	4-Methylphenol	3.70E-02 J	1.61	670	670	ug/kg DW		0.06	0.06
LDWG 2007	LDW-SC25	0 - 1	Acenaphthene	3.80E-02 J	1.94	16	57	mg/kg OC	1.96E+00	0.12	0.03
LDWG 2007	LDW-SC25	1 - 2	Acenaphthene	3.50E-02 J	1.47	16	57	mg/kg OC	2.38E+00	0.15	0.04
LDWG 2007	LDW-SC25	2 - 4	Acenaphthene	1.20E-01	1.69	16	57	mg/kg OC	7.10E+00	0.44	0.12
LDWG 2007	LDW-SC26	6 - 8	Acenaphthene	9.00E-01	1.88	16	57	mg/kg OC	4.79E+01	3.0	0.84
LDWG 2007	LDW-SC28	6 - 7.5	Acenaphthene	2.20E-01	1.61	16	57	mg/kg OC	1.37E+01	0.85	0.24
LDWG 2007	LDW-SC28	12 - 13	Acenaphthene	3.20E-02 J	1.31	16	57	mg/kg OC	2.44E+00	0.15	0.04
LDWG 2007	LDW-SC25	1 - 2	Acenaphthylene	3.10E-02 J	1.47	66	66	mg/kg OC	2.11E+00	0.03	0.03
LDWG 2007	LDW-SC26	6 - 8	Acenaphthylene	6.30E-02 J	1.88	66	66	mg/kg OC	3.35E+00	0.05	0.05
LDWG 2007	LDW-SC29	1 - 2	Acenaphthylene	1.10E-02 J	1.06	66	66	mg/kg OC	1.04E+00	0.02	0.02
LDWG 2007	LDW-SC24	0 - 1	Anthracene	8.10E-02	1.99	220	1,200	mg/kg OC	4.07E+00	0.02	0.003
LDWG 2007	LDW-SC24	1 - 2	Anthracene	1.60E-02 J	0.304	220	1,200	mg/kg OC	5.26E+00	0.02	0.004
LDWG 2007	LDW-SC25	0 - 1	Anthracene	1.70E-01	1.94	220	1,200	mg/kg OC	8.76E+00	0.04	0.01
LDWG 2007	LDW-SC25	1 - 2	Anthracene	1.50E-01	1.47	220	1,200	mg/kg OC	1.02E+01	0.05	0.01
LDWG 2007	LDW-SC25	2 - 4	Anthracene	2.20E-01	1.69	220	1,200	mg/kg OC	1.30E+01	0.06	0.01

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	0 - 1	Anthracene	7.90E-02 J	1.4	220	1,200	mg/kg OC	5.64E+00	0.03	0.005
LDWG 2007	LDW-SC26	1 - 2	Anthracene	5.10E-02 J	2.04	220	1,200	mg/kg OC	2.50E+00	0.01	0.002
LDWG 2007	LDW-SC26	2 - 4	Anthracene	7.40E-02 J	2.08	220	1,200	mg/kg OC	3.56E+00	0.02	0.003
LDWG 2007	LDW-SC26	6 - 8	Anthracene	1.30E+00	1.88	220	1,200	mg/kg OC	6.91E+01	0.31	0.06
LDWG 2007	LDW-SC28	0 - 1	Anthracene	1.00E-01	2.59	220	1,200	mg/kg OC	3.86E+00	0.02	0.003
LDWG 2007	LDW-SC28	1 - 2	Anthracene	4.80E-02 J	2.07	220	1,200	mg/kg OC	2.32E+00	0.01	0.002
LDWG 2007	LDW-SC28	2 - 4	Anthracene	4.70E-02 J	3.14	220	1,200	mg/kg OC	1.50E+00	0.01	0.001
LDWG 2007	LDW-SC28	6 - 7.5	Anthracene	4.50E-01	1.61	220	1,200	mg/kg OC	2.80E+01	0.13	0.02
LDWG 2007	LDW-SC28	12 - 13	Anthracene	3.20E-02 J	1.31	220	1,200	mg/kg OC	2.44E+00	0.01	0.002
LDWG 2007	LDW-SC29	1 - 2	Anthracene	2.60E-02	1.06	220	1,200	mg/kg OC	2.45E+00	0.01	0.002
LDWG 2007	LDW-SC25	1 - 2	Antimony[b,c]	1.60E+01 J	1.47	150	200	mg/kg DW		0.11	0.08
LDWG 2007	LDW-SC25	2 - 4	Antimony	3.00E+01 J	1.69	150	200	mg/kg DW		0.20	0.15
LDWG 2007	LDW-SC25	4 - 6	Antimony	3.00E+01 J	1.63	150	200	mg/kg DW		0.20	0.15
LDWG 2007	LDW-SC26	2 - 4	Antimony	1.00E+01 J	2.08	150	200	mg/kg DW		0.07	0.05
LDWG 2007	LDW-SC26	6 - 8	Antimony	2.80E+02 J	1.88	150	200	mg/kg DW		1.9	1.4
LDWG 2007	LDW-SC28	0 - 1	Antimony	2.50E+01 J	2.59	150	200	mg/kg DW		0.17	0.13
LDWG 2007	LDW-SC28	2 - 4	Antimony	1.00E+01 J	3.14	150	200	mg/kg DW		0.07	0.05
LDWG 2007	LDW-SC28	6 - 7.5	Antimony	1.30E+02 J	1.61	150	200	mg/kg DW		0.87	0.65
LDWG 2007	LDW-SC25	4 - 6	Aroclor-1242	7.80E-02 J	1.63						
LDWG 2007	LDW-SC26	6 - 8	Aroclor-1242	3.70E-01	1.88						
LDWG 2007	LDW-SC26	11 - 12	Aroclor-1242	3.10E-02	0.912						
LDWG 2007	LDW-SC24	0 - 1	Aroclor-1248	4.70E-02	1.99						
LDWG 2007	LDW-SC24	1 - 2	Aroclor-1248	6.10E-03	0.304						
LDWG 2007	LDW-SC25	0 - 1	Aroclor-1248	5.50E-02	1.94						
LDWG 2007	LDW-SC25	1 - 2	Aroclor-1248	6.40E-02	1.47						
LDWG 2007	LDW-SC25	2 - 4	Aroclor-1248	8.20E-02	1.69						
LDWG 2007	LDW-SC26	0 - 1	Aroclor-1248	6.00E-02	1.4						
LDWG 2007	LDW-SC26	1 - 2	Aroclor-1248	4.80E-02	2.04						
LDWG 2007	LDW-SC26	2 - 4	Aroclor-1248	6.00E-02	2.08						
LDWG 2007	LDW-SC28	0 - 1	Aroclor-1248	9.90E-02	2.59						
LDWG 2007	LDW-SC28	1 - 2	Aroclor-1248	6.50E-02 J	2.07						
LDWG 2007	LDW-SC28	2 - 4	Aroclor-1248	5.50E-02	3.14						
LDWG 2007	LDW-SC28	12 - 13	Aroclor-1248	1.90E-01	1.31						
LDWG 2007	LDW-SC29	0 - 1	Aroclor-1248	8.60E-03 J	1.77						
LDWG 2007	LDW-SC24	0 - 1	Aroclor-1254	1.20E-01	1.99						

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC24	1 - 2	Aroclor-1254	1.90E-02	0.304						
LDWG 2007	LDW-SC25	0 - 1	Aroclor-1254	1.40E-01	1.94						
LDWG 2007	LDW-SC25	1 - 2	Aroclor-1254	1.70E-01	1.47						
LDWG 2007	LDW-SC25	2 - 4	Aroclor-1254	2.00E-01	1.69						
LDWG 2007	LDW-SC25	4 - 6	Aroclor-1254	4.70E-01	1.63						
LDWG 2007	LDW-SC26	0 - 1	Aroclor-1254	1.10E-01	1.4						
LDWG 2007	LDW-SC26	1 - 2	Aroclor-1254	8.10E-02	2.04						
LDWG 2007	LDW-SC26	2 - 4	Aroclor-1254	1.40E-01	2.08						
LDWG 2007	LDW-SC26	6 - 8	Aroclor-1254	1.30E+00	1.88						
LDWG 2007	LDW-SC26	11 - 12	Aroclor-1254	6.70E-02	0.912						
LDWG 2007	LDW-SC28	0 - 1	Aroclor-1254	1.80E-01	2.59						
LDWG 2007	LDW-SC28	1 - 2	Aroclor-1254	1.10E-01	2.07						
LDWG 2007	LDW-SC28	2 - 4	Aroclor-1254	1.10E-01	3.14						
LDWG 2007	LDW-SC28	6 - 7.5	Aroclor-1254	2.60E+00	1.61						
LDWG 2007	LDW-SC28	12 - 13	Aroclor-1254	2.20E-01	1.31						
LDWG 2007	LDW-SC29	0 - 1	Aroclor-1254	1.20E-02	1.77						
LDWG 2007	LDW-SC24	0 - 1	Aroclor-1260	1.10E-01	1.99						
LDWG 2007	LDW-SC24	1 - 2	Aroclor-1260	1.10E-02	0.304						
LDWG 2007	LDW-SC25	0 - 1	Aroclor-1260	1.10E-01	1.94						
LDWG 2007	LDW-SC25	1 - 2	Aroclor-1260	1.30E-01	1.47						
LDWG 2007	LDW-SC25	2 - 4	Aroclor-1260	1.50E-01	1.69						
LDWG 2007	LDW-SC25	4 - 6	Aroclor-1260	2.50E-01	1.63						
LDWG 2007	LDW-SC26	0 - 1	Aroclor-1260	1.10E-01	1.4						
LDWG 2007	LDW-SC26	1 - 2	Aroclor-1260	9.70E-02	2.04						
LDWG 2007	LDW-SC26	2 - 4	Aroclor-1260	1.10E-01	2.08						
LDWG 2007	LDW-SC26	6 - 8	Aroclor-1260	6.10E-01	1.88						
LDWG 2007	LDW-SC26	11 - 12	Aroclor-1260	4.20E-02	0.912						
LDWG 2007	LDW-SC28	0 - 1	Aroclor-1260	1.60E-01	2.59						
LDWG 2007	LDW-SC28	1 - 2	Aroclor-1260	1.80E-01	2.07						
LDWG 2007	LDW-SC28	2 - 4	Aroclor-1260	1.20E-01	3.14						
LDWG 2007	LDW-SC28	6 - 7.5	Aroclor-1260	6.10E-01	1.61						
LDWG 2007	LDW-SC28	12 - 13	Aroclor-1260	1.30E-01	1.31						
LDWG 2007	LDW-SC29	0 - 1	Aroclor-1260	1.20E-02 J	1.77						
LDWG 2007	LDW-SC24	0 - 1	Arsenic	3.00E+01	1.99	57	93	mg/kg DW		0.53	0.32
LDWG 2007	LDW-SC24	1 - 2	Arsenic	1.10E+01	0.304	57	93	mg/kg DW		0.19	0.12

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC25	0 - 1	Arsenic	5.00E+01	1.94	57	93	mg/kg DW		0.88	0.54
LDWG 2007	LDW-SC25	1 - 2	Arsenic	9.10E+01	1.47	57	93	mg/kg DW		1.6	0.98
LDWG 2007	LDW-SC25	2 - 4	Arsenic	1.70E+02	1.69	57	93	mg/kg DW		3.0	1.8
LDWG 2007	LDW-SC25	4 - 6	Arsenic	2.50E+02	1.63	57	93	mg/kg DW		4.4	2.7
LDWG 2007	LDW-SC25	8 - 9.1	Arsenic	8.00E+00	0.11	57	93	mg/kg DW		0.14	0.09
LDWG 2007	LDW-SC26	0 - 1	Arsenic	4.00E+01	1.4	57	93	mg/kg DW		0.70	0.43
LDWG 2007	LDW-SC26	1 - 2	Arsenic	3.60E+01	2.04	57	93	mg/kg DW		0.63	0.39
LDWG 2007	LDW-SC26	2 - 4	Arsenic	6.70E+01	2.08	57	93	mg/kg DW		1.2	0.72
LDWG 2007	LDW-SC26	6 - 8	Arsenic	1.89E+03	1.88	57	93	mg/kg DW		33.2	20.3
LDWG 2007	LDW-SC28	0 - 1	Arsenic	1.14E+02	2.59	57	93	mg/kg DW		2.0	1.2
LDWG 2007	LDW-SC28	1 - 2	Arsenic	1.80E+01	2.07	57	93	mg/kg DW		0.32	0.19
LDWG 2007	LDW-SC28	2 - 4	Arsenic	3.00E+01	3.14	57	93	mg/kg DW		0.53	0.32
LDWG 2007	LDW-SC28	6 - 7.5	Arsenic	7.60E+02	1.61	57	93	mg/kg DW		13	8.2
LDWG 2007	LDW-SC28	12 - 13	Arsenic	1.70E+01	1.31	57	93	mg/kg DW		0.30	0.18
LDWG 2007	LDW-SC29	0 - 1	Arsenic	1.40E+01	1.77	57	93	mg/kg DW		0.25	0.15
LDWG 2007	LDW-SC29	1 - 2	Arsenic	1.10E+01	1.06	57	93	mg/kg DW		0.19	0.12
LDWG 2007	LDW-SC24	0 - 1	Benzo(a)anthracene	2.20E-01	1.99	110	270	mg/kg OC	1.11E+01	0.10	0.04
LDWG 2007	LDW-SC24	1 - 2	Benzo(a)anthracene	5.00E-02	0.304	110	270	mg/kg OC	1.64E+01	0.15	0.06
LDWG 2007	LDW-SC25	0 - 1	Benzo(a)anthracene	5.00E-01	1.94	110	270	mg/kg OC	2.58E+01	0.23	0.10
LDWG 2007	LDW-SC25	1 - 2	Benzo(a)anthracene	6.30E-01	1.47	110	270	mg/kg OC	4.29E+01	0.39	0.16
LDWG 2007	LDW-SC25	2 - 4	Benzo(a)anthracene	6.60E-01	1.69	110	270	mg/kg OC	3.91E+01	0.36	0.14
LDWG 2007	LDW-SC26	0 - 1	Benzo(a)anthracene	2.60E-01	1.4	110	270	mg/kg OC	1.86E+01	0.17	0.07
LDWG 2007	LDW-SC26	1 - 2	Benzo(a)anthracene	1.70E-01	2.04	110	270	mg/kg OC	8.33E+00	0.08	0.03
LDWG 2007	LDW-SC26	2 - 4	Benzo(a)anthracene	3.10E-01	2.08	110	270	mg/kg OC	1.49E+01	0.14	0.06
LDWG 2007	LDW-SC26	6 - 8	Benzo(a)anthracene	3.70E+00	1.88	110	270	mg/kg OC	1.97E+02	1.8	0.73
LDWG 2007	LDW-SC28	0 - 1	Benzo(a)anthracene	3.20E-01	2.59	110	270	mg/kg OC	1.24E+01	0.11	0.05
LDWG 2007	LDW-SC28	1 - 2	Benzo(a)anthracene	1.60E-01	2.07	110	270	mg/kg OC	7.73E+00	0.07	0.03
LDWG 2007	LDW-SC28	2 - 4	Benzo(a)anthracene	1.40E-01	3.14	110	270	mg/kg OC	4.46E+00	0.04	0.02
LDWG 2007	LDW-SC28	6 - 7.5	Benzo(a)anthracene	1.30E+00	1.61	110	270	mg/kg OC	8.07E+01	0.73	0.30
LDWG 2007	LDW-SC28	12 - 13	Benzo(a)anthracene	1.10E-01	1.31	110	270	mg/kg OC	8.40E+00	0.08	0.03
LDWG 2007	LDW-SC29	0 - 1	Benzo(a)anthracene	3.20E-02 J	1.77	110	270	mg/kg OC	1.81E+00	0.02	0.01
LDWG 2007	LDW-SC29	1 - 2	Benzo(a)anthracene	1.10E-01	1.06	110	270	mg/kg OC	1.04E+01	0.09	0.04
LDWG 2007	LDW-SC24	0 - 1	Benzo(a)pyrene	3.50E-01	1.99	99	210	mg/kg OC	1.76E+01	0.18	0.08
LDWG 2007	LDW-SC24	1 - 2	Benzo(a)pyrene	5.60E-02	0.304	99	210	mg/kg OC	1.84E+01	0.19	0.09
LDWG 2007	LDW-SC24	2 - 4	Benzo(a)pyrene	1.30E-02 J	0.435	99	210	mg/kg OC	2.99E+00	0.03	0.01

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC25	0 - 1	Benzo(a)pyrene	5.00E-01	1.94	99	210	mg/kg OC	2.58E+01	0.26	0.12
LDWG 2007	LDW-SC25	1 - 2	Benzo(a)pyrene	5.90E-01	1.47	99	210	mg/kg OC	4.01E+01	0.41	0.19
LDWG 2007	LDW-SC25	2 - 4	Benzo(a)pyrene	7.00E-01	1.69	99	210	mg/kg OC	4.14E+01	0.42	0.20
LDWG 2007	LDW-SC26	0 - 1	Benzo(a)pyrene	3.40E-01	1.4	99	210	mg/kg OC	2.43E+01	0.25	0.12
LDWG 2007	LDW-SC26	1 - 2	Benzo(a)pyrene	2.60E-01	2.04	99	210	mg/kg OC	1.27E+01	0.13	0.06
LDWG 2007	LDW-SC26	2 - 4	Benzo(a)pyrene	4.00E-01	2.08	99	210	mg/kg OC	1.92E+01	0.19	0.09
LDWG 2007	LDW-SC26	6 - 8	Benzo(a)pyrene	2.80E+00	1.88	99	210	mg/kg OC	1.49E+02	1.5	0.71
LDWG 2007	LDW-SC28	0 - 1	Benzo(a)pyrene	2.70E-01	2.59	99	210	mg/kg OC	1.04E+01	0.11	0.05
LDWG 2007	LDW-SC28	1 - 2	Benzo(a)pyrene	1.50E-01	2.07	99	210	mg/kg OC	7.25E+00	0.07	0.03
LDWG 2007	LDW-SC28	2 - 4	Benzo(a)pyrene	1.70E-01	3.14	99	210	mg/kg OC	5.41E+00	0.05	0.03
LDWG 2007	LDW-SC28	6 - 7.5	Benzo(a)pyrene	9.50E-01	1.61	99	210	mg/kg OC	5.90E+01	0.60	0.28
LDWG 2007	LDW-SC28	12 - 13	Benzo(a)pyrene	1.20E-01	1.31	99	210	mg/kg OC	9.16E+00	0.09	0.04
LDWG 2007	LDW-SC29	0 - 1	Benzo(a)pyrene	3.20E-02 J	1.77	99	210	mg/kg OC	1.81E+00	0.02	0.01
LDWG 2007	LDW-SC29	1 - 2	Benzo(a)pyrene	1.10E-01	1.06	99	210	mg/kg OC	1.04E+01	0.10	0.05
LDWG 2007	LDW-SC24	0 - 1	Benzo(b)fluoranthene	5.20E-01	1.99	230	450	mg/kg OC	2.61E+01	0.11	0.06
LDWG 2007	LDW-SC24	1 - 2	Benzo(b)fluoranthene	7.50E-02	0.304	230	450	mg/kg OC	2.47E+01	0.11	0.05
LDWG 2007	LDW-SC24	2 - 4	Benzo(b)fluoranthene	1.80E-02 J	0.435	230	450	mg/kg OC	4.14E+00	0.02	0.01
LDWG 2007	LDW-SC25	0 - 1	Benzo(b)fluoranthene	7.20E-01	1.94	230	450	mg/kg OC	3.71E+01	0.16	0.08
LDWG 2007	LDW-SC25	1 - 2	Benzo(b)fluoranthene	8.50E-01	1.47	230	450	mg/kg OC	5.78E+01	0.25	0.13
LDWG 2007	LDW-SC25	2 - 4	Benzo(b)fluoranthene	8.40E-01	1.69	230	450	mg/kg OC	4.97E+01	0.22	0.11
LDWG 2007	LDW-SC26	0 - 1	Benzo(b)fluoranthene	4.70E-01	1.4	230	450	mg/kg OC	3.36E+01	0.15	0.07
LDWG 2007	LDW-SC26	1 - 2	Benzo(b)fluoranthene	3.40E-01	2.04	230	450	mg/kg OC	1.67E+01	0.07	0.04
LDWG 2007	LDW-SC26	2 - 4	Benzo(b)fluoranthene	4.80E-01	2.08	230	450	mg/kg OC	2.31E+01	0.10	0.05
LDWG 2007	LDW-SC26	6 - 8	Benzo(b)fluoranthene	3.50E+00	1.88	230	450	mg/kg OC	1.86E+02	0.81	0.41
LDWG 2007	LDW-SC28	0 - 1	Benzo(b)fluoranthene	4.70E-01	2.59	230	450	mg/kg OC	1.81E+01	0.08	0.04
LDWG 2007	LDW-SC28	1 - 2	Benzo(b)fluoranthene	2.50E-01	2.07	230	450	mg/kg OC	1.21E+01	0.05	0.03
LDWG 2007	LDW-SC28	2 - 4	Benzo(b)fluoranthene	2.50E-01	3.14	230	450	mg/kg OC	7.96E+00	0.03	0.02
LDWG 2007	LDW-SC28	6 - 7.5	Benzo(b)fluoranthene	1.00E+00	1.61	230	450	mg/kg OC	6.21E+01	0.27	0.14
LDWG 2007	LDW-SC28	12 - 13	Benzo(b)fluoranthene	9.80E-02	1.31	230	450	mg/kg OC	7.48E+00	0.03	0.02
LDWG 2007	LDW-SC29	0 - 1	Benzo(b)fluoranthene	5.80E-02 J	1.77	230	450	mg/kg OC	3.28E+00	0.01	0.01
LDWG 2007	LDW-SC29	1 - 2	Benzo(b)fluoranthene	1.00E-01	1.06	230	450	mg/kg OC	9.43E+00	0.04	0.02
LDWG 2007	LDW-SC24	0 - 1	Benzo(g,h,i)perylene	7.80E-02	1.99	31	78	mg/kg OC	3.92E+00	0.13	0.05
LDWG 2007	LDW-SC24	1 - 2	Benzo(g,h,i)perylene	1.20E-02 J	0.304	31	78	mg/kg OC	3.95E+00	0.13	0.05
LDWG 2007	LDW-SC25	0 - 1	Benzo(g,h,i)perylene	1.30E-01	1.94	31	78	mg/kg OC	6.70E+00	0.22	0.09
LDWG 2007	LDW-SC25	1 - 2	Benzo(g,h,i)perylene	1.40E-01	1.47	31	78	mg/kg OC	9.52E+00	0.31	0.12

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC25	2 - 4	Benzo(g,h,i)perylene	1.60E-01	1.69	31	78	mg/kg OC	9.47E+00	0.31	0.12
LDWG 2007	LDW-SC26	0 - 1	Benzo(g,h,i)perylene	8.10E-02 J	1.4	31	78	mg/kg OC	5.79E+00	0.19	0.07
LDWG 2007	LDW-SC26	1 - 2	Benzo(g,h,i)perylene	8.20E-02	2.04	31	78	mg/kg OC	4.02E+00	0.13	0.05
LDWG 2007	LDW-SC26	2 - 4	Benzo(g,h,i)perylene	1.20E-01	2.08	31	78	mg/kg OC	5.77E+00	0.19	0.07
LDWG 2007	LDW-SC26	6 - 8	Benzo(g,h,i)perylene	1.00E+00	1.88	31	78	mg/kg OC	5.32E+01	1.7	0.68
LDWG 2007	LDW-SC28	0 - 1	Benzo(g,h,i)perylene	1.20E-01	2.59	31	78	mg/kg OC	4.63E+00	0.15	0.06
LDWG 2007	LDW-SC28	1 - 2	Benzo(g,h,i)perylene	8.30E-02	2.07	31	78	mg/kg OC	4.01E+00	0.13	0.05
LDWG 2007	LDW-SC28	2 - 4	Benzo(g,h,i)perylene	7.40E-02	3.14	31	78	mg/kg OC	2.36E+00	0.08	0.03
LDWG 2007	LDW-SC28	6 - 7.5	Benzo(g,h,i)perylene	4.40E-01	1.61	31	78	mg/kg OC	2.73E+01	0.88	0.35
LDWG 2007	LDW-SC28	12 - 13	Benzo(g,h,i)perylene	6.10E-02 J	1.31	31	78	mg/kg OC	4.66E+00	0.15	0.06
LDWG 2007	LDW-SC29	1 - 2	Benzo(g,h,i)perylene	2.60E-02	1.06	31	78	mg/kg OC	2.45E+00	0.08	0.03
LDWG 2007	LDW-SC24	0 - 1	Benzo(k)fluoranthene	4.90E-01	1.99	230	450	mg/kg OC	2.46E+01	0.11	0.05
LDWG 2007	LDW-SC24	1 - 2	Benzo(k)fluoranthene	8.20E-02	0.304	230	450	mg/kg OC	2.70E+01	0.12	0.06
LDWG 2007	LDW-SC24	2 - 4	Benzo(k)fluoranthene	1.80E-02 J	0.435	230	450	mg/kg OC	4.14E+00	0.02	0.01
LDWG 2007	LDW-SC25	0 - 1	Benzo(k)fluoranthene	5.30E-01	1.94	230	450	mg/kg OC	2.73E+01	0.12	0.06
LDWG 2007	LDW-SC25	1 - 2	Benzo(k)fluoranthene	7.20E-01	1.47	230	450	mg/kg OC	4.90E+01	0.21	0.11
LDWG 2007	LDW-SC25	2 - 4	Benzo(k)fluoranthene	7.80E-01	1.69	230	450	mg/kg OC	4.62E+01	0.20	0.10
LDWG 2007	LDW-SC26	0 - 1	Benzo(k)fluoranthene	4.30E-01	1.4	230	450	mg/kg OC	3.07E+01	0.13	0.07
LDWG 2007	LDW-SC26	1 - 2	Benzo(k)fluoranthene	3.20E-01	2.04	230	450	mg/kg OC	1.57E+01	0.07	0.03
LDWG 2007	LDW-SC26	2 - 4	Benzo(k)fluoranthene	4.60E-01	2.08	230	450	mg/kg OC	2.21E+01	0.10	0.05
LDWG 2007	LDW-SC26	6 - 8	Benzo(k)fluoranthene	1.70E+00	1.88	230	450	mg/kg OC	9.04E+01	0.39	0.20
LDWG 2007	LDW-SC28	0 - 1	Benzo(k)fluoranthene	3.40E-01	2.59	230	450	mg/kg OC	1.31E+01	0.06	0.03
LDWG 2007	LDW-SC28	1 - 2	Benzo(k)fluoranthene	1.50E-01	2.07	230	450	mg/kg OC	7.25E+00	0.03	0.02
LDWG 2007	LDW-SC28	2 - 4	Benzo(k)fluoranthene	2.10E-01	3.14	230	450	mg/kg OC	6.69E+00	0.03	0.01
LDWG 2007	LDW-SC28	6 - 7.5	Benzo(k)fluoranthene	8.30E-01	1.61	230	450	mg/kg OC	5.16E+01	0.22	0.11
LDWG 2007	LDW-SC28	12 - 13	Benzo(k)fluoranthene	1.40E-01	1.31	230	450	mg/kg OC	1.07E+01	0.05	0.02
LDWG 2007	LDW-SC29	0 - 1	Benzo(k)fluoranthene	4.30E-02 J	1.77	230	450	mg/kg OC	2.43E+00	0.01	0.01
LDWG 2007	LDW-SC29	1 - 2	Benzo(k)fluoranthene	1.30E-01	1.06	230	450	mg/kg OC	1.23E+01	0.05	0.03
LDWG 2007	LDW-SC24	0 - 1	Benzofluoranthenes (total-calc'd)	1.01E+00	1.99	230	450	mg/kg OC	5.08E+01	0.22	0.11
LDWG 2007	LDW-SC24	1 - 2	Benzofluoranthenes (total-calc'd)	1.57E-01	0.304	230	450	mg/kg OC	5.16E+01	0.22	0.11
LDWG 2007	LDW-SC24	2 - 4	Benzofluoranthenes (total-calc'd)	3.60E-02 J	0.435	230	450	mg/kg OC	8.28E+00	0.04	0.02
LDWG 2007	LDW-SC25	0 - 1	Benzofluoranthenes (total-calc'd)	1.25E+00	1.94	230	450	mg/kg OC	6.44E+01	0.28	0.14
LDWG 2007	LDW-SC25	1 - 2	Benzofluoranthenes (total-calc'd)	1.57E+00	1.47	230	450	mg/kg OC	1.07E+02	0.46	0.24
LDWG 2007	LDW-SC25	2 - 4	Benzofluoranthenes (total-calc'd)	1.62E+00	1.69	230	450	mg/kg OC	9.59E+01	0.42	0.21
LDWG 2007	LDW-SC26	0 - 1	Benzofluoranthenes (total-calc'd)	9.00E-01	1.4	230	450	mg/kg OC	6.43E+01	0.28	0.14

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	1 - 2	Benzofluoranthenes (total-calc'd)	6.60E-01	2.04	230	450	mg/kg OC	3.24E+01	0.14	0.07
LDWG 2007	LDW-SC26	2 - 4	Benzofluoranthenes (total-calc'd)	9.40E-01	2.08	230	450	mg/kg OC	4.52E+01	0.20	0.10
LDWG 2007	LDW-SC26	6 - 8	Benzofluoranthenes (total-calc'd)	5.20E+00	1.88	230	450	mg/kg OC	2.77E+02	1.2	0.61
LDWG 2007	LDW-SC28	0 - 1	Benzofluoranthenes (total-calc'd)	8.10E-01	2.59	230	450	mg/kg OC	3.13E+01	0.14	0.07
LDWG 2007	LDW-SC28	1 - 2	Benzofluoranthenes (total-calc'd)	4.00E-01	2.07	230	450	mg/kg OC	1.93E+01	0.08	0.04
LDWG 2007	LDW-SC28	2 - 4	Benzofluoranthenes (total-calc'd)	4.60E-01	3.14	230	450	mg/kg OC	1.46E+01	0.06	0.03
LDWG 2007	LDW-SC28	6 - 7.5	Benzofluoranthenes (total-calc'd)	1.80E+00	1.61	230	450	mg/kg OC	1.12E+02	0.49	0.25
LDWG 2007	LDW-SC28	12 - 13	Benzofluoranthenes (total-calc'd)	2.40E-01	1.31	230	450	mg/kg OC	1.83E+01	0.08	0.04
LDWG 2007	LDW-SC29	0 - 1	Benzofluoranthenes (total-calc'd)	1.01E-01 J	1.77	230	450	mg/kg OC	5.71E+00	0.02	0.01
LDWG 2007	LDW-SC29	1 - 2	Benzofluoranthenes (total-calc'd)	2.30E-01	1.06	230	450	mg/kg OC	2.17E+01	0.09	0.05
LDWG 2007	LDW-SC24	0 - 1	Benzoic acid	8.80E-02 J	1.99	650	650	ug/kg DW		0.14	0.14
LDWG 2007	LDW-SC24	1 - 2	Benzoic acid	4.80E-02 J	0.304	650	650	ug/kg DW		0.07	0.07
LDWG 2007	LDW-SC26	0 - 1	Benzoic acid	1.60E-01	1.4	650	650	ug/kg DW		0.25	0.25
LDWG 2007	LDW-SC26	1 - 2	Benzoic acid	1.00E-01	2.04	650	650	ug/kg DW		0.15	0.15
LDWG 2007	LDW-SC26	2 - 4	Benzoic acid	8.00E-02	2.08	650	650	ug/kg DW		0.12	0.12
LDWG 2007	LDW-SC28	0 - 1	Benzoic acid	2.00E-01 J	2.59	650	650	ug/kg DW		0.31	0.31
LDWG 2007	LDW-SC28	1 - 2	Benzoic acid	9.80E-02 J	2.07	650	650	ug/kg DW		0.15	0.15
LDWG 2007	LDW-SC28	2 - 4	Benzoic acid	8.50E-02 J	3.14	650	650	ug/kg DW		0.13	0.13
LDWG 2007	LDW-SC28	6 - 7.5	Benzoic acid	3.20E-01 J	1.61	650	650	ug/kg DW		0.49	0.49
LDWG 2007	LDW-SC29	0 - 1	Benzoic acid	7.30E-02 J	1.77	650	650	ug/kg DW		0.11	0.11
LDWG 2007	LDW-SC29	1 - 2	Benzoic acid	6.40E-02 J	1.06	650	650	ug/kg DW		0.10	0.10
LDWG 2007	LDW-SC29	2 - 3.6	Benzoic acid	6.80E-02 J	0.48	650	650	ug/kg DW		0.10	0.10
LDWG 2007	LDW-SC25	0 - 1	Benzyl alcohol	2.60E-02 J	1.94	57	73	ug/kg DW		0.46	0.36
LDWG 2007	LDW-SC25	1 - 2	Benzyl alcohol	1.90E-02 J	1.47	57	73	ug/kg DW		0.33	0.26
LDWG 2007	LDW-SC25	2 - 4	Benzyl alcohol	2.00E-02 J	1.69	57	73	ug/kg DW		0.35	0.27
LDWG 2007	LDW-SC28	0 - 1	Benzyl alcohol	1.10E-01	2.59	57	73	ug/kg DW		1.9	1.5
LDWG 2007	LDW-SC24	0 - 1	Bis(2-ethylhexyl)phthalate	3.90E-01	1.99	47	78	mg/kg OC	1.96E+01	0.42	0.25
LDWG 2007	LDW-SC24	1 - 2	Bis(2-ethylhexyl)phthalate	1.50E-02 J	0.304	47	78	mg/kg OC	4.93E+00	0.10	0.06
LDWG 2007	LDW-SC24	2 - 4	Bis(2-ethylhexyl)phthalate	1.60E-02 J	0.435	47	78	mg/kg OC	3.68E+00	0.08	0.05
LDWG 2007	LDW-SC25	0 - 1	Bis(2-ethylhexyl)phthalate	3.50E-01	1.94	47	78	mg/kg OC	1.80E+01	0.38	0.23
LDWG 2007	LDW-SC25	1 - 2	Bis(2-ethylhexyl)phthalate	3.20E-01	1.47	47	78	mg/kg OC	2.18E+01	0.46	0.28
LDWG 2007	LDW-SC25	2 - 4	Bis(2-ethylhexyl)phthalate	7.40E-01	1.69	47	78	mg/kg OC	4.38E+01	0.93	0.56
LDWG 2007	LDW-SC26	0 - 1	Bis(2-ethylhexyl)phthalate	3.30E-01	1.4	47	78	mg/kg OC	2.36E+01	0.50	0.30
LDWG 2007	LDW-SC26	1 - 2	Bis(2-ethylhexyl)phthalate	3.20E-01	2.04	47	78	mg/kg OC	1.57E+01	0.33	0.20
LDWG 2007	LDW-SC26	2 - 4	Bis(2-ethylhexyl)phthalate	5.90E-01	2.08	47	78	mg/kg OC	2.84E+01	0.60	0.36

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	6 - 8	Bis(2-ethylhexyl)phthalate	3.80E+00	1.88	47	78	mg/kg OC	2.02E+02	4.3	2.6
LDWG 2007	LDW-SC28	6 - 7.5	Bis(2-ethylhexyl)phthalate	1.00E+00	1.61	47	78	mg/kg OC	6.21E+01	1.3	0.80
LDWG 2007	LDW-SC28	12 - 13	Bis(2-ethylhexyl)phthalate	9.60E-02	1.31	47	78	mg/kg OC	7.33E+00	0.16	0.09
LDWG 2007	LDW-SC29	0 - 1	Bis(2-ethylhexyl)phthalate	4.00E-02 J	1.77	47	78	mg/kg OC	2.26E+00	0.05	0.03
LDWG 2007	LDW-SC24	0 - 1	Butyl benzyl phthalate	2.30E-02	1.99	4.9	64	mg/kg OC	1.16E+00	0.24	0.02
LDWG 2007	LDW-SC25	0 - 1	Butyl benzyl phthalate	2.70E-02	1.94	4.9	64	mg/kg OC	1.39E+00	0.28	0.02
LDWG 2007	LDW-SC25	1 - 2	Butyl benzyl phthalate	3.20E-02	1.47	4.9	64	mg/kg OC	2.18E+00	0.44	0.03
LDWG 2007	LDW-SC25	2 - 4	Butyl benzyl phthalate	6.20E-02	1.69	4.9	64	mg/kg OC	3.67E+00	0.75	0.06
LDWG 2007	LDW-SC26	0 - 1	Butyl benzyl phthalate	4.80E-02	1.4	4.9	64	mg/kg OC	3.43E+00	0.70	0.05
LDWG 2007	LDW-SC26	1 - 2	Butyl benzyl phthalate	3.60E-02	2.04	4.9	64	mg/kg OC	1.76E+00	0.36	0.03
LDWG 2007	LDW-SC26	2 - 4	Butyl benzyl phthalate	4.10E-02	2.08	4.9	64	mg/kg OC	1.97E+00	0.40	0.03
LDWG 2007	LDW-SC26	6 - 8	Butyl benzyl phthalate	3.00E-02 J	1.88	4.9	64	mg/kg OC	1.60E+00	0.33	0.02
LDWG 2007	LDW-SC28	0 - 1	Butyl benzyl phthalate	3.40E-02	2.59	4.9	64	mg/kg OC	1.31E+00	0.27	0.02
LDWG 2007	LDW-SC28	1 - 2	Butyl benzyl phthalate	2.70E-02	2.07	4.9	64	mg/kg OC	1.30E+00	0.27	0.02
LDWG 2007	LDW-SC28	2 - 4	Butyl benzyl phthalate	2.60E-02	3.14	4.9	64	mg/kg OC	8.28E-01	0.17	0.01
LDWG 2007	LDW-SC28	6 - 7.5	Butyl benzyl phthalate	2.80E-02	1.61	4.9	64	mg/kg OC	1.74E+00	0.35	0.03
LDWG 2007	LDW-SC29	0 - 1	Butyl benzyl phthalate	5.90E-03	1.77	4.9	64	mg/kg OC	3.33E-01	0.07	0.01
LDWG 2007	LDW-SC24	0 - 1	Cadmium	4.00E-01	1.99	5.1	6.7	mg/kg DW		0.08	0.06
LDWG 2007	LDW-SC25	0 - 1	Cadmium	4.00E-01	1.94	5.1	6.7	mg/kg DW		0.08	0.06
LDWG 2007	LDW-SC25	1 - 2	Cadmium	5.00E-01	1.47	5.1	6.7	mg/kg DW		0.10	0.07
LDWG 2007	LDW-SC25	4 - 6	Cadmium	1.50E+00	1.63	5.1	6.7	mg/kg DW		0.29	0.22
LDWG 2007	LDW-SC26	0 - 1	Cadmium	5.00E-01	1.4	5.1	6.7	mg/kg DW		0.10	0.07
LDWG 2007	LDW-SC26	1 - 2	Cadmium	5.00E-01	2.04	5.1	6.7	mg/kg DW		0.10	0.07
LDWG 2007	LDW-SC26	2 - 4	Cadmium	6.00E-01	2.08	5.1	6.7	mg/kg DW		0.12	0.09
LDWG 2007	LDW-SC26	6 - 8	Cadmium	4.00E+00	1.88	5.1	6.7	mg/kg DW		0.78	0.60
LDWG 2007	LDW-SC28	0 - 1	Cadmium	6.00E-01	2.59	5.1	6.7	mg/kg DW		0.12	0.09
LDWG 2007	LDW-SC28	1 - 2	Cadmium	6.00E-01	2.07	5.1	6.7	mg/kg DW		0.12	0.09
LDWG 2007	LDW-SC28	6 - 7.5	Cadmium	1.40E+00	1.61	5.1	6.7	mg/kg DW		0.27	0.21
LDWG 2007	LDW-SC28	12 - 13	Cadmium	6.00E-01	1.31	5.1	6.7	mg/kg DW		0.12	0.09
LDWG 2007	LDW-SC24	0 - 1	Chromium	3.41E+01	1.99	260	270	mg/kg DW		0.13	0.13
LDWG 2007	LDW-SC24	1 - 2	Chromium	1.37E+01	0.304	260	270	mg/kg DW		0.05	0.05
LDWG 2007	LDW-SC24	2 - 4	Chromium	1.11E+01	0.435	260	270	mg/kg DW		0.04	0.04
LDWG 2007	LDW-SC25	0 - 1	Chromium	4.20E+01	1.94	260	270	mg/kg DW		0.16	0.16
LDWG 2007	LDW-SC25	1 - 2	Chromium	4.47E+01	1.47	260	270	mg/kg DW		0.17	0.17
LDWG 2007	LDW-SC25	2 - 4	Chromium	4.50E+01	1.69	260	270	mg/kg DW		0.17	0.17

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC25	4 - 6	Chromium	5.50E+01	1.63	260	270	mg/kg DW		0.21	0.20
LDWG 2007	LDW-SC25	8 - 9.1	Chromium	8.30E+00	0.11	260	270	mg/kg DW		0.03	0.03
LDWG 2007	LDW-SC26	0 - 1	Chromium	3.70E+01	1.4	260	270	mg/kg DW		0.14	0.14
LDWG 2007	LDW-SC26	1 - 2	Chromium	6.17E+01	2.04	260	270	mg/kg DW		0.24	0.23
LDWG 2007	LDW-SC26	2 - 4	Chromium	3.87E+01	2.08	260	270	mg/kg DW		0.15	0.14
LDWG 2007	LDW-SC26	6 - 8	Chromium	1.60E+02	1.88	260	270	mg/kg DW		0.62	0.59
LDWG 2007	LDW-SC26	11 - 12	Chromium	1.40E+01	0.912	260	270	mg/kg DW		0.05	0.05
LDWG 2007	LDW-SC28	0 - 1	Chromium	3.70E+01	2.59	260	270	mg/kg DW		0.14	0.14
LDWG 2007	LDW-SC28	1 - 2	Chromium	3.24E+01	2.07	260	270	mg/kg DW		0.12	0.12
LDWG 2007	LDW-SC28	2 - 4	Chromium	3.30E+01	3.14	260	270	mg/kg DW		0.13	0.12
LDWG 2007	LDW-SC28	6 - 7.5	Chromium	6.50E+01	1.61	260	270	mg/kg DW		0.25	0.24
LDWG 2007	LDW-SC28	12 - 13	Chromium	2.80E+01	1.31	260	270	mg/kg DW		0.11	0.10
LDWG 2007	LDW-SC29	0 - 1	Chromium	2.08E+01	1.77	260	270	mg/kg DW		0.08	0.08
LDWG 2007	LDW-SC29	1 - 2	Chromium	1.45E+01	1.06	260	270	mg/kg DW		0.06	0.05
LDWG 2007	LDW-SC29	2 - 3.6	Chromium	1.06E+01	0.48	260	270	mg/kg DW		0.04	0.04
LDWG 2007	LDW-SC24	0 - 1	Chrysene	3.60E-01	1.99	110	460	mg/kg OC	1.81E+01	0.16	0.04
LDWG 2007	LDW-SC24	1 - 2	Chrysene	5.90E-02	0.304	110	460	mg/kg OC	1.94E+01	0.18	0.04
LDWG 2007	LDW-SC25	0 - 1	Chrysene	9.20E-01	1.94	110	460	mg/kg OC	4.74E+01	0.43	0.10
LDWG 2007	LDW-SC25	1 - 2	Chrysene	9.90E-01	1.47	110	460	mg/kg OC	6.73E+01	0.61	0.15
LDWG 2007	LDW-SC25	2 - 4	Chrysene	9.10E-01	1.69	110	460	mg/kg OC	5.38E+01	0.49	0.12
LDWG 2007	LDW-SC26	0 - 1	Chrysene	3.90E-01	1.4	110	460	mg/kg OC	2.79E+01	0.25	0.06
LDWG 2007	LDW-SC26	1 - 2	Chrysene	2.80E-01	2.04	110	460	mg/kg OC	1.37E+01	0.12	0.03
LDWG 2007	LDW-SC26	2 - 4	Chrysene	4.20E-01	2.08	110	460	mg/kg OC	2.02E+01	0.18	0.04
LDWG 2007	LDW-SC26	6 - 8	Chrysene	3.90E+00	1.88	110	460	mg/kg OC	2.07E+02	1.9	0.45
LDWG 2007	LDW-SC28	0 - 1	Chrysene	6.90E-01	2.59	110	460	mg/kg OC	2.66E+01	0.24	0.06
LDWG 2007	LDW-SC28	1 - 2	Chrysene	2.50E-01	2.07	110	460	mg/kg OC	1.21E+01	0.11	0.03
LDWG 2007	LDW-SC28	2 - 4	Chrysene	2.70E-01	3.14	110	460	mg/kg OC	8.60E+00	0.08	0.02
LDWG 2007	LDW-SC28	6 - 7.5	Chrysene	1.40E+00	1.61	110	460	mg/kg OC	8.70E+01	0.79	0.19
LDWG 2007	LDW-SC28	12 - 13	Chrysene	1.10E-01	1.31	110	460	mg/kg OC	8.40E+00	0.08	0.02
LDWG 2007	LDW-SC29	0 - 1	Chrysene	4.20E-02 J	1.77	110	460	mg/kg OC	2.37E+00	0.02	0.01
LDWG 2007	LDW-SC29	1 - 2	Chrysene	1.30E-01	1.06	110	460	mg/kg OC	1.23E+01	0.11	0.03
LDWG 2007	LDW-SC24	0 - 1	Cobalt	1.10E+01	1.99						
LDWG 2007	LDW-SC24	1 - 2	Cobalt	5.10E+00	0.304						
LDWG 2007	LDW-SC24	2 - 4	Cobalt	4.30E+00	0.435						
LDWG 2007	LDW-SC25	0 - 1	Cobalt	1.16E+01	1.94						

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC25	1 - 2	Cobalt	1.45E+01	1.47						
LDWG 2007	LDW-SC25	2 - 4	Cobalt	2.00E+01	1.69						
LDWG 2007	LDW-SC25	4 - 6	Cobalt	2.20E+01	1.63						
LDWG 2007	LDW-SC25	8 - 9.1	Cobalt	3.30E+00	0.11						
LDWG 2007	LDW-SC26	0 - 1	Cobalt	1.12E+01	1.4						
LDWG 2007	LDW-SC26	1 - 2	Cobalt	1.19E+01	2.04						
LDWG 2007	LDW-SC26	2 - 4	Cobalt	1.58E+01	2.08						
LDWG 2007	LDW-SC26	6 - 8	Cobalt	1.06E+02	1.88						
LDWG 2007	LDW-SC26	11 - 12	Cobalt	4.80E+00	0.912						
LDWG 2007	LDW-SC28	0 - 1	Cobalt	1.37E+01	2.59						
LDWG 2007	LDW-SC28	1 - 2	Cobalt	9.40E+00	2.07						
LDWG 2007	LDW-SC28	2 - 4	Cobalt	1.14E+01	3.14						
LDWG 2007	LDW-SC28	6 - 7.5	Cobalt	5.00E+01	1.61						
LDWG 2007	LDW-SC28	12 - 13	Cobalt	7.60E+00	1.31						
LDWG 2007	LDW-SC29	0 - 1	Cobalt	7.00E+00	1.77						
LDWG 2007	LDW-SC29	1 - 2	Cobalt	6.60E+00	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	Cobalt	5.50E+00	0.48						
LDWG 2007	LDW-SC24	0 - 1	Copper	1.42E+02	1.99	390	390	mg/kg DW		0.36	0.36
LDWG 2007	LDW-SC24	1 - 2	Copper	4.00E+01	0.304	390	390	mg/kg DW		0.10	0.10
LDWG 2007	LDW-SC24	2 - 4	Copper	1.54E+01	0.435	390	390	mg/kg DW		0.04	0.04
LDWG 2007	LDW-SC25	0 - 1	Copper	3.27E+02	1.94	390	390	mg/kg DW		0.84	0.84
LDWG 2007	LDW-SC25	1 - 2	Copper	3.39E+02	1.47	390	390	mg/kg DW		0.87	0.87
LDWG 2007	LDW-SC25	2 - 4	Copper	5.41E+02	1.69	390	390	mg/kg DW		1.4	1.4
LDWG 2007	LDW-SC25	4 - 6	Copper	6.63E+02	1.63	390	390	mg/kg DW		1.7	1.7
LDWG 2007	LDW-SC25	8 - 9.1	Copper	7.50E+00	0.11	390	390	mg/kg DW		0.02	0.02
LDWG 2007	LDW-SC26	0 - 1	Copper	1.46E+02	1.4	390	390	mg/kg DW		0.37	0.37
LDWG 2007	LDW-SC26	1 - 2	Copper	1.73E+02	2.04	390	390	mg/kg DW		0.44	0.44
LDWG 2007	LDW-SC26	2 - 4	Copper	5.44E+02	2.08	390	390	mg/kg DW		1.4	1.4
LDWG 2007	LDW-SC26	6 - 8	Copper	1.95E+03	1.88	390	390	mg/kg DW		5.0	5.0
LDWG 2007	LDW-SC26	11 - 12	Copper	2.30E+01	0.912	390	390	mg/kg DW		0.06	0.06
LDWG 2007	LDW-SC28	0 - 1	Copper	2.12E+02	2.59	390	390	mg/kg DW		0.54	0.54
LDWG 2007	LDW-SC28	1 - 2	Copper	1.73E+02	2.07	390	390	mg/kg DW		0.44	0.44
LDWG 2007	LDW-SC28	2 - 4	Copper	1.97E+02	3.14	390	390	mg/kg DW		0.51	0.51
LDWG 2007	LDW-SC28	6 - 7.5	Copper	1.48E+03	1.61	390	390	mg/kg DW		3.8	3.8
LDWG 2007	LDW-SC28	12 - 13	Copper	6.85E+01	1.31	390	390	mg/kg DW		0.18	0.18

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC29	0 - 1	Copper	5.11E+01	1.77	390	390	mg/kg DW		0.13	0.13
LDWG 2007	LDW-SC29	1 - 2	Copper	2.05E+01	1.06	390	390	mg/kg DW		0.05	0.05
LDWG 2007	LDW-SC29	2 - 3.6	Copper	1.13E+01	0.48	390	390	mg/kg DW		0.03	0.03
LDWG 2007	LDW-SC25	1 - 2	Dibenzo(a,h)anthracene	4.80E-02 J	1.47	12	33	mg/kg OC	3.27E+00	0.27	0.10
LDWG 2007	LDW-SC25	2 - 4	Dibenzo(a,h)anthracene	5.30E-02 J	1.69	12	33	mg/kg OC	3.14E+00	0.26	0.10
LDWG 2007	LDW-SC26	6 - 8	Dibenzo(a,h)anthracene	4.00E-01 J	1.88	12	33	mg/kg OC	2.13E+01	1.8	0.64
LDWG 2007	LDW-SC28	0 - 1	Dibenzo(a,h)anthracene	3.40E-02 J	2.59	12	33	mg/kg OC	1.31E+00	0.11	0.04
LDWG 2007	LDW-SC28	1 - 2	Dibenzo(a,h)anthracene	4.20E-02 J	2.07	12	33	mg/kg OC	2.03E+00	0.17	0.06
LDWG 2007	LDW-SC28	2 - 4	Dibenzo(a,h)anthracene	3.80E-02 J	3.14	12	33	mg/kg OC	1.21E+00	0.10	0.04
LDWG 2007	LDW-SC28	6 - 7.5	Dibenzo(a,h)anthracene	2.00E-01	1.61	12	33	mg/kg OC	1.24E+01	1.0	0.38
LDWG 2007	LDW-SC28	12 - 13	Dibenzo(a,h)anthracene	4.30E-02	1.31	12	33	mg/kg OC	3.28E+00	0.27	0.10
LDWG 2007	LDW-SC29	1 - 2	Dibenzo(a,h)anthracene	1.10E-02 J	1.06	12	33	mg/kg OC	1.04E+00	0.09	0.03
LDWG 2007	LDW-SC25	2 - 4	Dibenzofuran	5.60E-02 J	1.69	15	58	mg/kg OC	3.31E+00	0.22	0.06
LDWG 2007	LDW-SC26	6 - 8	Dibenzofuran	3.60E-01	1.88	15	58	mg/kg OC	1.91E+01	1.3	0.33
LDWG 2007	LDW-SC28	6 - 7.5	Dibenzofuran	8.00E-02	1.61	15	58	mg/kg OC	4.97E+00	0.33	0.09
LDWG 2007	LDW-SC25	0 - 1	Dibutyltin as ion	7.20E-02	1.94						
LDWG 2007	LDW-SC25	1 - 2	Dibutyltin as ion	6.40E-02	1.47						
LDWG 2007	LDW-SC25	2 - 4	Dibutyltin as ion	1.50E-01	1.69						
LDWG 2007	LDW-SC25	4 - 6	Dibutyltin as ion	9.20E-02	1.63						
LDWG 2007	LDW-SC26	0 - 1	Dibutyltin as ion	1.60E-02	1.4						
LDWG 2007	LDW-SC26	1 - 2	Dibutyltin as ion	2.40E-02	2.04						
LDWG 2007	LDW-SC26	2 - 4	Dibutyltin as ion	8.70E-02	2.08						
LDWG 2007	LDW-SC26	6 - 8	Dibutyltin as ion	5.20E-01	1.88						
LDWG 2007	LDW-SC28	0 - 1	Dibutyltin as ion	2.50E-02 J	2.59						
LDWG 2007	LDW-SC28	1 - 2	Dibutyltin as ion	1.50E-02	2.07						
LDWG 2007	LDW-SC28	2 - 4	Dibutyltin as ion	2.50E-02	3.14						
LDWG 2007	LDW-SC28	6 - 7.5	Dibutyltin as ion	9.60E-01	1.61						
LDWG 2007	LDW-SC26	6 - 8	Dimethyl phthalate	2.00E-02	1.88	53	53	mg/kg OC	1.06E+00	0.02	0.02
LDWG 2007	LDW-SC28	6 - 7.5	Dimethyl phthalate	1.60E-02	1.61	53	53	mg/kg OC	9.94E-01	0.02	0.02
LDWG 2007	LDW-SC24	1 - 2	Di-n-butyl phthalate	1.30E-02 J	0.304	220	1,700	mg/kg OC	4.28E+00	0.02	0.003
LDWG 2007	LDW-SC24	2 - 4	Di-n-butyl phthalate	1.40E-02 J	0.435	220	1,700	mg/kg OC	3.22E+00	0.01	0.002
LDWG 2007	LDW-SC28	12 - 13	Di-n-butyl phthalate	3.10E-02 J	1.31	220	1,700	mg/kg OC	2.37E+00	0.01	0.001
LDWG 2007	LDW-SC29	0 - 1	Di-n-butyl phthalate	6.20E-02	1.77	220	1,700	mg/kg OC	3.50E+00	0.02	0.002
LDWG 2007	LDW-SC29	1 - 2	Di-n-butyl phthalate	2.80E-02	1.06	220	1,700	mg/kg OC	2.64E+00	0.01	0.002
LDWG 2007	LDW-SC29	2 - 3.6	Di-n-butyl phthalate	2.20E-02	0.48	220	1,700	mg/kg OC	4.58E+00	0.02	0.003

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	6 - 8	Di-n-octyl phthalate	5.70E-02 J	1.88	58	4,500	mg/kg OC	3.03E+00	0.05	0.001
LDWG 2007	LDW-SC28	6 - 7.5	Di-n-octyl phthalate	5.60E-02 J	1.61	58	4,500	mg/kg OC	3.48E+00	0.06	0.001
LDWG 2007	LDW-SC26	0 - 1	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.57E-05 J							
LDWG 2007	LDW-SC26	1 - 2	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.29E-05 J							
LDWG 2007	LDW-SC26	2 - 4	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	2.17E-05 J							
LDWG 2007	LDW-SC26	6 - 8	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.24E-04 J							
LDWG 2007	LDW-SC28	0 - 1	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.92E-05 J							
LDWG 2007	LDW-SC28	1 - 2	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.46E-05							
LDWG 2007	LDW-SC28	2 - 4	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.84E-05 J							
LDWG 2007	LDW-SC29	0 - 1	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	5.60E-05 J							
LDWG 2007	LDW-SC29	1 - 2	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.04E-06 J							
LDWG 2007	LDW-SC29	2 - 3.6	Dioxin/furan TEQ - Mammal WHO 1998 - Half DL	1.57E-07 J							
LDWG 2007	LDW-SC26	0 - 1	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.59E-05 J							
LDWG 2007	LDW-SC26	1 - 2	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.31E-05 J							
LDWG 2007	LDW-SC26	2 - 4	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	2.24E-05 J							
LDWG 2007	LDW-SC26	6 - 8	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.36E-04 J							
LDWG 2007	LDW-SC28	0 - 1	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.99E-05 J							
LDWG 2007	LDW-SC28	1 - 2	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.48E-05							

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC28	2 - 4	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.85E-05 J							
LDWG 2007	LDW-SC29	0 - 1	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	5.41E-05 J							
LDWG 2007	LDW-SC29	1 - 2	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.03E-06 J							
LDWG 2007	LDW-SC29	2 - 3.6	Dioxin/furan TEQ - Mammal WHO 2005 - Half DL	1.47E-07 J							
LDWG 2007	LDW-SC24	0 - 1	Fluoranthene	4.70E-01	1.99	160	1,200	mg/kg OC	2.36E+01	0.15	0.02
LDWG 2007	LDW-SC24	1 - 2	Fluoranthene	1.40E-01	0.304	160	1,200	mg/kg OC	4.61E+01	0.29	0.04
LDWG 2007	LDW-SC25	0 - 1	Fluoranthene	9.10E-01	1.94	160	1,200	mg/kg OC	4.69E+01	0.29	0.04
LDWG 2007	LDW-SC25	1 - 2	Fluoranthene	1.40E+00	1.47	160	1,200	mg/kg OC	9.52E+01	0.60	0.08
LDWG 2007	LDW-SC25	2 - 4	Fluoranthene	2.10E+00	1.69	160	1,200	mg/kg OC	1.24E+02	0.78	0.10
LDWG 2007	LDW-SC26	0 - 1	Fluoranthene	5.00E-01	1.4	160	1,200	mg/kg OC	3.57E+01	0.22	0.03
LDWG 2007	LDW-SC26	1 - 2	Fluoranthene	3.70E-01	2.04	160	1,200	mg/kg OC	1.81E+01	0.11	0.02
LDWG 2007	LDW-SC26	2 - 4	Fluoranthene	7.50E-01	2.08	160	1,200	mg/kg OC	3.61E+01	0.23	0.03
LDWG 2007	LDW-SC26	6 - 8	Fluoranthene	1.00E+01	1.88	160	1,200	mg/kg OC	5.32E+02	3.3	0.44
LDWG 2007	LDW-SC28	0 - 1	Fluoranthene	9.50E-01	2.59	160	1,200	mg/kg OC	3.67E+01	0.23	0.03
LDWG 2007	LDW-SC28	1 - 2	Fluoranthene	1.30E-01	2.07	160	1,200	mg/kg OC	6.28E+00	0.04	0.01
LDWG 2007	LDW-SC28	2 - 4	Fluoranthene	1.20E-01	3.14	160	1,200	mg/kg OC	3.82E+00	0.02	0.003
LDWG 2007	LDW-SC28	6 - 7.5	Fluoranthene	4.10E+00	1.61	160	1,200	mg/kg OC	2.55E+02	1.6	0.21
LDWG 2007	LDW-SC28	12 - 13	Fluoranthene	3.10E-01	1.31	160	1,200	mg/kg OC	2.37E+01	0.15	0.02
LDWG 2007	LDW-SC29	0 - 1	Fluoranthene	4.20E-02 J	1.77	160	1,200	mg/kg OC	2.37E+00	0.01	0.00
LDWG 2007	LDW-SC29	1 - 2	Fluoranthene	2.00E-01	1.06	160	1,200	mg/kg OC	1.89E+01	0.12	0.02
LDWG 2007	LDW-SC25	0 - 1	Fluorene	5.20E-02 J	1.94	23	79	mg/kg OC	2.68E+00	0.12	0.03
LDWG 2007	LDW-SC25	1 - 2	Fluorene	3.70E-02 J	1.47	23	79	mg/kg OC	2.52E+00	0.11	0.03
LDWG 2007	LDW-SC25	2 - 4	Fluorene	7.60E-02	1.69	23	79	mg/kg OC	4.50E+00	0.20	0.06
LDWG 2007	LDW-SC26	6 - 8	Fluorene	4.20E-01	1.88	23	79	mg/kg OC	2.23E+01	0.97	0.28
LDWG 2007	LDW-SC28	0 - 1	Fluorene	4.00E-02 J	2.59	23	79	mg/kg OC	1.54E+00	0.07	0.02
LDWG 2007	LDW-SC28	6 - 7.5	Fluorene	1.60E-01	1.61	23	79	mg/kg OC	9.94E+00	0.43	0.13
LDWG 2007	LDW-SC29	0 - 1	Hexachlorobenzene	5.90E-03	1.77	0.38	2	mg/kg OC	3.33E-01	0.88	0.14
LDWG 2007	LDW-SC24	0 - 1	Indeno(1,2,3-cd)pyrene	9.90E-02	1.99	34	88	mg/kg OC	4.97E+00	0.15	0.06
LDWG 2007	LDW-SC24	1 - 2	Indeno(1,2,3-cd)pyrene	1.30E-02 J	0.304	34	88	mg/kg OC	4.28E+00	0.13	0.05
LDWG 2007	LDW-SC25	0 - 1	Indeno(1,2,3-cd)pyrene	1.80E-01	1.94	34	88	mg/kg OC	9.28E+00	0.27	0.11
LDWG 2007	LDW-SC25	1 - 2	Indeno(1,2,3-cd)pyrene	2.00E-01	1.47	34	88	mg/kg OC	1.36E+01	0.40	0.15

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC25	2 - 4	Indeno(1,2,3-cd)pyrene	2.10E-01	1.69	34	88	mg/kg OC	1.24E+01	0.37	0.14
LDWG 2007	LDW-SC26	0 - 1	Indeno(1,2,3-cd)pyrene	1.10E-01	1.4	34	88	mg/kg OC	7.86E+00	0.23	0.09
LDWG 2007	LDW-SC26	1 - 2	Indeno(1,2,3-cd)pyrene	1.10E-01	2.04	34	88	mg/kg OC	5.39E+00	0.16	0.06
LDWG 2007	LDW-SC26	2 - 4	Indeno(1,2,3-cd)pyrene	1.60E-01	2.08	34	88	mg/kg OC	7.69E+00	0.23	0.09
LDWG 2007	LDW-SC26	6 - 8	Indeno(1,2,3-cd)pyrene	1.00E+00	1.88	34	88	mg/kg OC	5.32E+01	1.6	0.60
LDWG 2007	LDW-SC28	0 - 1	Indeno(1,2,3-cd)pyrene	1.30E-01	2.59	34	88	mg/kg OC	5.02E+00	0.15	0.06
LDWG 2007	LDW-SC28	1 - 2	Indeno(1,2,3-cd)pyrene	8.90E-02	2.07	34	88	mg/kg OC	4.30E+00	0.13	0.05
LDWG 2007	LDW-SC28	2 - 4	Indeno(1,2,3-cd)pyrene	8.50E-02	3.14	34	88	mg/kg OC	2.71E+00	0.08	0.03
LDWG 2007	LDW-SC28	6 - 7.5	Indeno(1,2,3-cd)pyrene	4.00E-01	1.61	34	88	mg/kg OC	2.48E+01	0.73	0.28
LDWG 2007	LDW-SC28	12 - 13	Indeno(1,2,3-cd)pyrene	6.90E-02	1.31	34	88	mg/kg OC	5.27E+00	0.15	0.06
LDWG 2007	LDW-SC29	1 - 2	Indeno(1,2,3-cd)pyrene	2.90E-02	1.06	34	88	mg/kg OC	2.74E+00	0.08	0.03
LDWG 2007	LDW-SC24	0 - 1	Lead	6.90E+01	1.99	450	530	mg/kg DW		0.15	0.13
LDWG 2007	LDW-SC24	1 - 2	Lead	8.00E+00	0.304	450	530	mg/kg DW		0.02	0.02
LDWG 2007	LDW-SC25	0 - 1	Lead	7.60E+01	1.94	450	530	mg/kg DW		0.17	0.14
LDWG 2007	LDW-SC25	1 - 2	Lead	9.80E+01	1.47	450	530	mg/kg DW		0.22	0.18
LDWG 2007	LDW-SC25	2 - 4	Lead	1.73E+02	1.69	450	530	mg/kg DW		0.38	0.33
LDWG 2007	LDW-SC25	4 - 6	Lead	3.10E+02	1.63	450	530	mg/kg DW		0.69	0.58
LDWG 2007	LDW-SC26	0 - 1	Lead	5.80E+01 J	1.4	450	530	mg/kg DW		0.13	0.11
LDWG 2007	LDW-SC26	1 - 2	Lead	5.70E+01 J	2.04	450	530	mg/kg DW		0.13	0.11
LDWG 2007	LDW-SC26	2 - 4	Lead	9.10E+01 J	2.08	450	530	mg/kg DW		0.20	0.17
LDWG 2007	LDW-SC26	6 - 8	Lead	1.35E+03	1.88	450	530	mg/kg DW		3.0	2.5
LDWG 2007	LDW-SC26	11 - 12	Lead	9.00E+00	0.912	450	530	mg/kg DW		0.02	0.02
LDWG 2007	LDW-SC28	0 - 1	Lead	1.14E+02	2.59	450	530	mg/kg DW		0.25	0.22
LDWG 2007	LDW-SC28	1 - 2	Lead	4.00E+01	2.07	450	530	mg/kg DW		0.09	0.08
LDWG 2007	LDW-SC28	2 - 4	Lead	6.50E+01	3.14	450	530	mg/kg DW		0.14	0.12
LDWG 2007	LDW-SC28	6 - 7.5	Lead	5.83E+02	1.61	450	530	mg/kg DW		1.3	1.1
LDWG 2007	LDW-SC28	12 - 13	Lead	3.70E+01	1.31	450	530	mg/kg DW		0.08	0.07
LDWG 2007	LDW-SC29	0 - 1	Lead	1.80E+01	1.77	450	530	mg/kg DW		0.04	0.03
LDWG 2007	LDW-SC29	1 - 2	Lead	6.00E+00	1.06	450	530	mg/kg DW		0.01	0.01
LDWG 2007	LDW-SC29	2 - 3.6	Lead	4.00E+00	0.48	450	530	mg/kg DW		0.01	0.01
LDWG 2007	LDW-SC24	0 - 1	Mercury	2.60E-01	1.99	0.41	0.59	mg/kg DW		0.63	0.44
LDWG 2007	LDW-SC25	0 - 1	Mercury	2.70E-01	1.94	0.41	0.59	mg/kg DW		0.66	0.46
LDWG 2007	LDW-SC25	1 - 2	Mercury	3.00E-01	1.47	0.41	0.59	mg/kg DW		0.73	0.51
LDWG 2007	LDW-SC25	2 - 4	Mercury	4.00E-01	1.69	0.41	0.59	mg/kg DW		0.98	0.68
LDWG 2007	LDW-SC26	0 - 1	Mercury	2.80E-01 J	1.4	0.41	0.59	mg/kg DW		0.68	0.47

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	1 - 2	Mercury	2.80E-01 J	2.04	0.41	0.59	mg/kg DW		0.68	0.47
LDWG 2007	LDW-SC26	2 - 4	Mercury	6.90E-01 J	2.08	0.41	0.59	mg/kg DW		1.7	1.2
LDWG 2007	LDW-SC26	6 - 8	Mercury	4.34E+00	1.88	0.41	0.59	mg/kg DW		11	7.4
LDWG 2007	LDW-SC28	0 - 1	Mercury	3.70E-01	2.59	0.41	0.59	mg/kg DW		0.90	0.63
LDWG 2007	LDW-SC28	1 - 2	Mercury	2.00E-01	2.07	0.41	0.59	mg/kg DW		0.49	0.34
LDWG 2007	LDW-SC28	2 - 4	Mercury	2.40E-01	3.14	0.41	0.59	mg/kg DW		0.59	0.41
LDWG 2007	LDW-SC28	6 - 7.5	Mercury	7.20E-01	1.61	0.41	0.59	mg/kg DW		1.8	1.2
LDWG 2007	LDW-SC28	12 - 13	Mercury	3.00E-01	1.31	0.41	0.59	mg/kg DW		0.73	0.51
LDWG 2007	LDW-SC29	0 - 1	Mercury	1.20E-01	1.77	0.41	0.59	mg/kg DW		0.29	0.20
LDWG 2007	LDW-SC24	0 - 1	Molybdenum	2.60E+00	1.99						
LDWG 2007	LDW-SC25	0 - 1	Molybdenum	4.00E+00	1.94						
LDWG 2007	LDW-SC25	1 - 2	Molybdenum	6.50E+00	1.47						
LDWG 2007	LDW-SC25	2 - 4	Molybdenum	1.00E+01	1.69						
LDWG 2007	LDW-SC25	4 - 6	Molybdenum	1.60E+01	1.63						
LDWG 2007	LDW-SC25	8 - 9.1	Molybdenum	7.00E-01	0.11						
LDWG 2007	LDW-SC26	0 - 1	Molybdenum	3.00E+00	1.4						
LDWG 2007	LDW-SC26	1 - 2	Molybdenum	3.10E+00	2.04						
LDWG 2007	LDW-SC26	2 - 4	Molybdenum	5.90E+00	2.08						
LDWG 2007	LDW-SC26	6 - 8	Molybdenum	1.66E+02	1.88						
LDWG 2007	LDW-SC26	11 - 12	Molybdenum	1.20E+00	0.912						
LDWG 2007	LDW-SC28	0 - 1	Molybdenum	9.90E+00 J	2.59						
LDWG 2007	LDW-SC28	1 - 2	Molybdenum	1.00E+00 J	2.07						
LDWG 2007	LDW-SC28	2 - 4	Molybdenum	2.00E+00 J	3.14						
LDWG 2007	LDW-SC28	6 - 7.5	Molybdenum	6.10E+01	1.61						
LDWG 2007	LDW-SC28	12 - 13	Molybdenum	9.90E+00	1.31						
LDWG 2007	LDW-SC29	0 - 1	Molybdenum	1.20E+00	1.77						
LDWG 2007	LDW-SC29	1 - 2	Molybdenum	1.70E+00	1.06						
LDWG 2007	LDW-SC25	0 - 1	Monobutyltin as ion	1.20E-02	1.94						
LDWG 2007	LDW-SC25	1 - 2	Monobutyltin as ion	1.30E-02	1.47						
LDWG 2007	LDW-SC25	2 - 4	Monobutyltin as ion	1.80E-02	1.69						
LDWG 2007	LDW-SC26	1 - 2	Monobutyltin as ion	4.50E-03	2.04						
LDWG 2007	LDW-SC26	2 - 4	Monobutyltin as ion	6.00E-03	2.08						
LDWG 2007	LDW-SC26	6 - 8	Monobutyltin as ion	9.10E-03	1.88						
LDWG 2007	LDW-SC28	6 - 7.5	Monobutyltin as ion	4.60E-02	1.61						
LDWG 2007	LDW-SC25	2 - 4	Naphthalene	4.10E-02 J	1.69	99	170	mg/kg OC	2.43E+00	0.02	0.01

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	6 - 8	Naphthalene	2.20E-01	1.88	99	170	mg/kg OC	1.17E+01	0.12	0.07
LDWG 2007	LDW-SC28	6 - 7.5	Naphthalene	4.50E-02 J	1.61	99	170	mg/kg OC	2.80E+00	0.03	0.02
LDWG 2007	LDW-SC28	12 - 13	Naphthalene	8.00E-02	1.31	99	170	mg/kg OC	6.11E+00	0.06	0.04
LDWG 2007	LDW-SC24	0 - 1	Nickel[b,c]	2.40E+01	1.99	140	370	mg/kg DW		0.17	0.06
LDWG 2007	LDW-SC24	1 - 2	Nickel	9.00E+00	0.304	140	370	mg/kg DW		0.06	0.02
LDWG 2007	LDW-SC24	2 - 4	Nickel	7.00E+00	0.435	140	370	mg/kg DW		0.05	0.02
LDWG 2007	LDW-SC25	0 - 1	Nickel	2.40E+01	1.94	140	370	mg/kg DW		0.17	0.06
LDWG 2007	LDW-SC25	1 - 2	Nickel	2.60E+01	1.47	140	370	mg/kg DW		0.19	0.07
LDWG 2007	LDW-SC25	2 - 4	Nickel	2.70E+01	1.69	140	370	mg/kg DW		0.19	0.07
LDWG 2007	LDW-SC25	4 - 6	Nickel	2.80E+01	1.63	140	370	mg/kg DW		0.20	0.08
LDWG 2007	LDW-SC25	8 - 9.1	Nickel	5.00E+00	0.11	140	370	mg/kg DW		0.04	0.01
LDWG 2007	LDW-SC26	0 - 1	Nickel	2.70E+01	1.4	140	370	mg/kg DW		0.19	0.07
LDWG 2007	LDW-SC26	1 - 2	Nickel	3.20E+01	2.04	140	370	mg/kg DW		0.23	0.09
LDWG 2007	LDW-SC26	2 - 4	Nickel	2.60E+01	2.08	140	370	mg/kg DW		0.19	0.07
LDWG 2007	LDW-SC26	6 - 8	Nickel	6.00E+01	1.88	140	370	mg/kg DW		0.43	0.16
LDWG 2007	LDW-SC26	11 - 12	Nickel	1.20E+01	0.912	140	370	mg/kg DW		0.09	0.03
LDWG 2007	LDW-SC28	0 - 1	Nickel	2.30E+01	2.59	140	370	mg/kg DW		0.16	0.06
LDWG 2007	LDW-SC28	1 - 2	Nickel	2.30E+01	2.07	140	370	mg/kg DW		0.16	0.06
LDWG 2007	LDW-SC28	2 - 4	Nickel	2.50E+01	3.14	140	370	mg/kg DW		0.18	0.07
LDWG 2007	LDW-SC28	6 - 7.5	Nickel	3.70E+01	1.61	140	370	mg/kg DW		0.26	0.10
LDWG 2007	LDW-SC28	12 - 13	Nickel	1.70E+01	1.31	140	370	mg/kg DW		0.12	0.05
LDWG 2007	LDW-SC29	0 - 1	Nickel	1.50E+01	1.77	140	370	mg/kg DW		0.11	0.04
LDWG 2007	LDW-SC29	1 - 2	Nickel	1.20E+01	1.06	140	370	mg/kg DW		0.09	0.03
LDWG 2007	LDW-SC29	2 - 3.6	Nickel	9.00E+00	0.48	140	370	mg/kg DW		0.06	0.02
LDWG 2007	LDW-SC26	0 - 1	OCDD	4.54E-03	1.4						
LDWG 2007	LDW-SC26	1 - 2	OCDD	3.45E-03	2.04						
LDWG 2007	LDW-SC26	2 - 4	OCDD	7.14E-03	2.08						
LDWG 2007	LDW-SC26	6 - 8	OCDD	6.20E-02	1.88						
LDWG 2007	LDW-SC28	0 - 1	OCDD	6.77E-03	2.59						
LDWG 2007	LDW-SC28	1 - 2	OCDD	3.71E-03	2.07						
LDWG 2007	LDW-SC28	2 - 4	OCDD	5.48E-03	3.14						
LDWG 2007	LDW-SC29	0 - 1	OCDD	1.07E-02	1.77						
LDWG 2007	LDW-SC29	1 - 2	OCDD	2.07E-04	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	OCDD	2.09E-05	0.48						
LDWG 2007	LDW-SC26	0 - 1	OCDF	3.47E-04	1.4						

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC26	1 - 2	OCDF	1.76E-04	2.04						
LDWG 2007	LDW-SC26	2 - 4	OCDF	3.93E-04	2.08						
LDWG 2007	LDW-SC26	6 - 8	OCDF	4.42E-03	1.88						
LDWG 2007	LDW-SC28	0 - 1	OCDF	5.17E-04	2.59						
LDWG 2007	LDW-SC28	1 - 2	OCDF	2.37E-04	2.07						
LDWG 2007	LDW-SC28	2 - 4	OCDF	2.19E-04	3.14						
LDWG 2007	LDW-SC29	0 - 1	OCDF	1.64E-03	1.77						
LDWG 2007	LDW-SC29	1 - 2	OCDF	6.55E-05	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	OCDF	2.08E-06	0.48						
LDWG 2007	LDW-SC24	0 - 1	PCBs (total calc'd)	2.80E-01	1.99	12	65	mg/kg OC	1.41E+01	1.2	0.22
LDWG 2007	LDW-SC24	1 - 2	PCBs (total calc'd)	3.60E-02	0.304	12	65	mg/kg OC	1.18E+01	0.99	0.18
LDWG 2007	LDW-SC25	0 - 1	PCBs (total calc'd)	3.10E-01	1.94	12	65	mg/kg OC	1.60E+01	1.3	0.25
LDWG 2007	LDW-SC25	1 - 2	PCBs (total calc'd)	3.60E-01	1.47	12	65	mg/kg OC	2.45E+01	2.0	0.38
LDWG 2007	LDW-SC25	2 - 4	PCBs (total calc'd)	4.30E-01	1.69	12	65	mg/kg OC	2.54E+01	2.1	0.39
LDWG 2007	LDW-SC25	4 - 6	PCBs (total calc'd)	8.00E-01 J	1.63	12	65	mg/kg OC	4.91E+01	4.1	0.76
LDWG 2007	LDW-SC26	0 - 1	PCBs (total calc'd)	2.80E-01	1.4	12	65	mg/kg OC	2.00E+01	1.7	0.31
LDWG 2007	LDW-SC26	1 - 2	PCBs (total calc'd)	2.26E-01	2.04	12	65	mg/kg OC	1.11E+01	0.92	0.17
LDWG 2007	LDW-SC26	2 - 4	PCBs (total calc'd)	3.10E-01	2.08	12	65	mg/kg OC	1.49E+01	1.2	0.23
LDWG 2007	LDW-SC26	6 - 8	PCBs (total calc'd)	2.30E+00	1.88	12	65	mg/kg OC	1.22E+02	10	1.9
LDWG 2007	LDW-SC26	11 - 12	PCBs (total calc'd)	1.40E-01	0.912	12	65	mg/kg OC	1.54E+01	1.3	0.24
LDWG 2007	LDW-SC28	0 - 1	PCBs (total calc'd)	4.40E-01	2.59	12	65	mg/kg OC	1.70E+01	1.4	0.26
LDWG 2007	LDW-SC28	1 - 2	PCBs (total calc'd)	3.60E-01 J	2.07	12	65	mg/kg OC	1.74E+01	1.4	0.27
LDWG 2007	LDW-SC28	2 - 4	PCBs (total calc'd)	2.90E-01	3.14	12	65	mg/kg OC	9.24E+00	0.77	0.14
LDWG 2007	LDW-SC28	6 - 7.5	PCBs (total calc'd)	3.20E+00	1.61	12	65	mg/kg OC	1.99E+02	17	3.1
LDWG 2007	LDW-SC28	12 - 13	PCBs (total calc'd)	5.40E-01	1.31	12	65	mg/kg OC	4.12E+01	3.4	0.63
LDWG 2007	LDW-SC29	0 - 1	PCBs (total calc'd)	3.30E-02 J	1.77	12	65	mg/kg OC	1.86E+00	0.16	0.03
LDWG 2007	LDW-SC24	0 - 1	Pentachlorophenol	2.40E-02 J	1.99	360	690	ug/kg DW		0.07	0.03
LDWG 2007	LDW-SC25	0 - 1	Pentachlorophenol	2.00E-02 J	1.94	360	690	ug/kg DW		0.06	0.03
LDWG 2007	LDW-SC25	1 - 2	Pentachlorophenol	2.10E-02 J	1.47	360	690	ug/kg DW		0.06	0.03
LDWG 2007	LDW-SC25	2 - 4	Pentachlorophenol	3.70E-02 J	1.69	360	690	ug/kg DW		0.10	0.05
LDWG 2007	LDW-SC26	0 - 1	Pentachlorophenol	2.00E-02 J	1.4	360	690	ug/kg DW		0.06	0.03
LDWG 2007	LDW-SC26	2 - 4	Pentachlorophenol	2.40E-02 J	2.08	360	690	ug/kg DW		0.07	0.03
LDWG 2007	LDW-SC26	6 - 8	Pentachlorophenol	8.00E-01	1.88	360	690	ug/kg DW		2.2	1.2
LDWG 2007	LDW-SC28	0 - 1	Pentachlorophenol	3.20E-02	2.59	360	690	ug/kg DW		0.09	0.05
LDWG 2007	LDW-SC28	6 - 7.5	Pentachlorophenol	4.10E-01	1.61	360	690	ug/kg DW		1.1	0.59

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC24	0 - 1	Phenanthrene	1.50E-01	1.99	100	480	mg/kg OC	7.54E+00	0.08	0.02
LDWG 2007	LDW-SC24	1 - 2	Phenanthrene	3.00E-02	0.304	100	480	mg/kg OC	9.87E+00	0.10	0.02
LDWG 2007	LDW-SC25	0 - 1	Phenanthrene	4.10E-01	1.94	100	480	mg/kg OC	2.11E+01	0.21	0.04
LDWG 2007	LDW-SC25	1 - 2	Phenanthrene	3.40E-01	1.47	100	480	mg/kg OC	2.31E+01	0.23	0.05
LDWG 2007	LDW-SC25	2 - 4	Phenanthrene	5.30E-01	1.69	100	480	mg/kg OC	3.14E+01	0.31	0.07
LDWG 2007	LDW-SC26	0 - 1	Phenanthrene	1.90E-01	1.4	100	480	mg/kg OC	1.36E+01	0.14	0.03
LDWG 2007	LDW-SC26	1 - 2	Phenanthrene	1.10E-01	2.04	100	480	mg/kg OC	5.39E+00	0.05	0.01
LDWG 2007	LDW-SC26	2 - 4	Phenanthrene	2.40E-01	2.08	100	480	mg/kg OC	1.15E+01	0.12	0.02
LDWG 2007	LDW-SC26	6 - 8	Phenanthrene	5.60E+00	1.88	100	480	mg/kg OC	2.98E+02	3.0	0.62
LDWG 2007	LDW-SC28	0 - 1	Phenanthrene	3.00E-01	2.59	100	480	mg/kg OC	1.16E+01	0.12	0.02
LDWG 2007	LDW-SC28	1 - 2	Phenanthrene	1.20E-01	2.07	100	480	mg/kg OC	5.80E+00	0.06	0.01
LDWG 2007	LDW-SC28	2 - 4	Phenanthrene	1.20E-01	3.14	100	480	mg/kg OC	3.82E+00	0.04	0.01
LDWG 2007	LDW-SC28	6 - 7.5	Phenanthrene	1.70E+00	1.61	100	480	mg/kg OC	1.06E+02	1.1	0.22
LDWG 2007	LDW-SC28	12 - 13	Phenanthrene	9.20E-02	1.31	100	480	mg/kg OC	7.02E+00	0.07	0.01
LDWG 2007	LDW-SC29	1 - 2	Phenanthrene	8.20E-02	1.06	100	480	mg/kg OC	7.74E+00	0.08	0.02
LDWG 2007	LDW-SC28	0 - 1	Phenol	2.10E-01	2.59	420	1,200	ug/kg DW		0.50	0.18
LDWG 2007	LDW-SC28	1 - 2	Phenol	1.50E-01	2.07	420	1,200	ug/kg DW		0.36	0.13
LDWG 2007	LDW-SC28	2 - 4	Phenol	1.10E-01	3.14	420	1,200	ug/kg DW		0.26	0.09
LDWG 2007	LDW-SC24	0 - 1	Pyrene	6.70E-01	1.99	1,000	1,400	mg/kg OC	3.37E+01	0.03	0.02
LDWG 2007	LDW-SC24	1 - 2	Pyrene	2.30E-01	0.304	1,000	1,400	mg/kg OC	7.57E+01	0.08	0.05
LDWG 2007	LDW-SC24	2 - 4	Pyrene	1.90E-02 J	0.435	1,000	1,400	mg/kg OC	4.37E+00	0.004	0.003
LDWG 2007	LDW-SC25	0 - 1	Pyrene	9.20E-01	1.94	1,000	1,400	mg/kg OC	4.74E+01	0.05	0.03
LDWG 2007	LDW-SC25	1 - 2	Pyrene	1.80E+00	1.47	1,000	1,400	mg/kg OC	1.22E+02	0.12	0.09
LDWG 2007	LDW-SC25	2 - 4	Pyrene	1.60E+00	1.69	1,000	1,400	mg/kg OC	9.47E+01	0.09	0.07
LDWG 2007	LDW-SC26	0 - 1	Pyrene	4.60E-01	1.4	1,000	1,400	mg/kg OC	3.29E+01	0.03	0.02
LDWG 2007	LDW-SC26	1 - 2	Pyrene	4.00E-01	2.04	1,000	1,400	mg/kg OC	1.96E+01	0.02	0.01
LDWG 2007	LDW-SC26	2 - 4	Pyrene	8.80E-01	2.08	1,000	1,400	mg/kg OC	4.23E+01	0.04	0.03
LDWG 2007	LDW-SC26	6 - 8	Pyrene	9.70E+00	1.88	1,000	1,400	mg/kg OC	5.16E+02	0.52	0.37
LDWG 2007	LDW-SC28	0 - 1	Pyrene	9.60E-01	2.59	1,000	1,400	mg/kg OC	3.71E+01	0.04	0.03
LDWG 2007	LDW-SC28	1 - 2	Pyrene	3.60E-01 J	2.07	1,000	1,400	mg/kg OC	1.74E+01	0.02	0.01
LDWG 2007	LDW-SC28	2 - 4	Pyrene	4.10E-01 J	3.14	1,000	1,400	mg/kg OC	1.31E+01	0.01	0.01
LDWG 2007	LDW-SC28	6 - 7.5	Pyrene	3.60E+00	1.61	1,000	1,400	mg/kg OC	2.24E+02	0.22	0.16
LDWG 2007	LDW-SC28	12 - 13	Pyrene	3.00E-01	1.31	1,000	1,400	mg/kg OC	2.29E+01	0.02	0.02
LDWG 2007	LDW-SC29	0 - 1	Pyrene	9.20E-02 J	1.77	1,000	1,400	mg/kg OC	5.20E+00	0.01	0.004
LDWG 2007	LDW-SC29	1 - 2	Pyrene	3.10E-01 J	1.06	1,000	1,400	mg/kg OC	2.92E+01	0.03	0.02

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC29	2 - 3.6	Pyrene	9.90E-03 J	0.48	1,000	1,400	mg/kg OC	2.06E+00	0.002	0.001
LDWG 2007	LDW-SC26	2 - 4	Silver	8.00E-01	2.08	6.1	6.1	mg/kg DW		0.13	0.13
LDWG 2007	LDW-SC26	6 - 8	Silver	3.00E+00	1.88	6.1	6.1	mg/kg DW		0.49	0.49
LDWG 2007	LDW-SC28	6 - 7.5	Silver	2.00E+00	1.61	6.1	6.1	mg/kg DW		0.33	0.33
LDWG 2007	LDW-SC28	12 - 13	Silver	5.00E-01	1.31	6.1	6.1	mg/kg DW		0.08	0.08
LDWG 2007	LDW-SC24	0 - 1	Total HPAH (calc'd)	3.26E+00	1.99	960	5,300	mg/kg OC	1.64E+02	0.17	0.03
LDWG 2007	LDW-SC24	1 - 2	Total HPAH (calc'd)	7.20E-01 J	0.304	960	5,300	mg/kg OC	2.37E+02	0.25	0.04
LDWG 2007	LDW-SC24	2 - 4	Total HPAH (calc'd)	6.80E-02 J	0.435	960	5,300	mg/kg OC	1.56E+01	0.02	0.003
LDWG 2007	LDW-SC25	0 - 1	Total HPAH (calc'd)	5.31E+00	1.94	960	5,300	mg/kg OC	2.74E+02	0.29	0.05
LDWG 2007	LDW-SC25	1 - 2	Total HPAH (calc'd)	7.40E+00 J	1.47	960	5,300	mg/kg OC	5.03E+02	0.52	0.09
LDWG 2007	LDW-SC25	2 - 4	Total HPAH (calc'd)	8.00E+00 J	1.69	960	5,300	mg/kg OC	4.73E+02	0.49	0.09
LDWG 2007	LDW-SC26	0 - 1	Total HPAH (calc'd)	3.04E+00 J	1.4	960	5,300	mg/kg OC	2.17E+02	0.23	0.04
LDWG 2007	LDW-SC26	1 - 2	Total HPAH (calc'd)	2.33E+00	2.04	960	5,300	mg/kg OC	1.14E+02	0.12	0.02
LDWG 2007	LDW-SC26	2 - 4	Total HPAH (calc'd)	3.98E+00	2.08	960	5,300	mg/kg OC	1.91E+02	0.20	0.04
LDWG 2007	LDW-SC26	6 - 8	Total HPAH (calc'd)	3.80E+01 J	1.88	960	5,300	mg/kg OC	2.02E+03	2.1	0.38
LDWG 2007	LDW-SC28	0 - 1	Total HPAH (calc'd)	4.28E+00 J	2.59	960	5,300	mg/kg OC	1.65E+02	0.17	0.03
LDWG 2007	LDW-SC28	1 - 2	Total HPAH (calc'd)	1.66E+00 J	2.07	960	5,300	mg/kg OC	8.02E+01	0.08	0.02
LDWG 2007	LDW-SC28	2 - 4	Total HPAH (calc'd)	1.77E+00 J	3.14	960	5,300	mg/kg OC	5.64E+01	0.06	0.01
LDWG 2007	LDW-SC28	6 - 7.5	Total HPAH (calc'd)	1.42E+01	1.61	960	5,300	mg/kg OC	8.82E+02	0.92	0.17
LDWG 2007	LDW-SC28	12 - 13	Total HPAH (calc'd)	1.36E+00 J	1.31	960	5,300	mg/kg OC	1.04E+02	0.11	0.02
LDWG 2007	LDW-SC29	0 - 1	Total HPAH (calc'd)	3.41E-01 J	1.77	960	5,300	mg/kg OC	1.93E+01	0.02	0.004
LDWG 2007	LDW-SC29	1 - 2	Total HPAH (calc'd)	1.16E+00 J	1.06	960	5,300	mg/kg OC	1.09E+02	0.11	0.02
LDWG 2007	LDW-SC29	2 - 3.6	Total HPAH (calc'd)	9.90E-03 J	0.48	960	5,300	mg/kg OC	2.06E+00	0.002	0.000
LDWG 2007	LDW-SC24	0 - 1	Total LPAH (calc'd)	2.30E-01	1.99	370	780	mg/kg OC	1.16E+01	0.03	0.01
LDWG 2007	LDW-SC24	1 - 2	Total LPAH (calc'd)	4.60E-02 J	0.304	370	780	mg/kg OC	1.51E+01	0.04	0.02
LDWG 2007	LDW-SC25	0 - 1	Total LPAH (calc'd)	6.70E-01 J	1.94	370	780	mg/kg OC	3.45E+01	0.09	0.04
LDWG 2007	LDW-SC25	1 - 2	Total LPAH (calc'd)	5.90E-01 J	1.47	370	780	mg/kg OC	4.01E+01	0.11	0.05
LDWG 2007	LDW-SC25	2 - 4	Total LPAH (calc'd)	9.90E-01 J	1.69	370	780	mg/kg OC	5.86E+01	0.16	0.08
LDWG 2007	LDW-SC26	0 - 1	Total LPAH (calc'd)	2.70E-01 J	1.4	370	780	mg/kg OC	1.93E+01	0.05	0.02
LDWG 2007	LDW-SC26	1 - 2	Total LPAH (calc'd)	1.60E-01 J	2.04	370	780	mg/kg OC	7.84E+00	0.02	0.01
LDWG 2007	LDW-SC26	2 - 4	Total LPAH (calc'd)	3.10E-01 J	2.08	370	780	mg/kg OC	1.49E+01	0.04	0.02
LDWG 2007	LDW-SC26	6 - 8	Total LPAH (calc'd)	8.50E+00 J	1.88	370	780	mg/kg OC	4.52E+02	1.2	0.58
LDWG 2007	LDW-SC28	0 - 1	Total LPAH (calc'd)	4.40E-01 J	2.59	370	780	mg/kg OC	1.70E+01	0.05	0.02
LDWG 2007	LDW-SC28	1 - 2	Total LPAH (calc'd)	1.70E-01 J	2.07	370	780	mg/kg OC	8.21E+00	0.02	0.01
LDWG 2007	LDW-SC28	2 - 4	Total LPAH (calc'd)	1.70E-01 J	3.14	370	780	mg/kg OC	5.41E+00	0.01	0.01

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC28	6 - 7.5	Total LPAH (calc'd)	2.60E+00 J	1.61	370	780	mg/kg OC	1.61E+02	0.44	0.21
LDWG 2007	LDW-SC28	12 - 13	Total LPAH (calc'd)	2.36E-01 J	1.31	370	780	mg/kg OC	1.80E+01	0.05	0.02
LDWG 2007	LDW-SC29	1 - 2	Total LPAH (calc'd)	1.19E-01 J	1.06	370	780	mg/kg OC	1.12E+01	0.03	0.01
LDWG 2007	LDW-SC25	0 - 1	Tributyltin as ion	2.20E-01	1.94						
LDWG 2007	LDW-SC25	1 - 2	Tributyltin as ion	3.50E-01	1.47						
LDWG 2007	LDW-SC25	2 - 4	Tributyltin as ion	7.20E-01	1.69						
LDWG 2007	LDW-SC25	4 - 6	Tributyltin as ion	1.00E+00	1.63						
LDWG 2007	LDW-SC26	0 - 1	Tributyltin as ion	1.30E-01	1.4						
LDWG 2007	LDW-SC26	1 - 2	Tributyltin as ion	1.30E-01	2.04						
LDWG 2007	LDW-SC26	2 - 4	Tributyltin as ion	5.90E-01	2.08						
LDWG 2007	LDW-SC26	6 - 8	Tributyltin as ion	6.20E+00	1.88						
LDWG 2007	LDW-SC28	0 - 1	Tributyltin as ion	1.60E-01	2.59						
LDWG 2007	LDW-SC28	1 - 2	Tributyltin as ion	5.50E-02	2.07						
LDWG 2007	LDW-SC28	2 - 4	Tributyltin as ion	1.20E-01	3.14						
LDWG 2007	LDW-SC28	6 - 7.5	Tributyltin as ion	3.40E+00	1.61						
LDWG 2007	LDW-SC28	12 - 13	Tributyltin as ion	4.80E-03	1.31						
LDWG 2007	LDW-SC24	0 - 1	Vanadium	7.12E+01	1.99						
LDWG 2007	LDW-SC24	1 - 2	Vanadium	4.64E+01	0.304						
LDWG 2007	LDW-SC24	2 - 4	Vanadium	4.10E+01	0.435						
LDWG 2007	LDW-SC25	0 - 1	Vanadium	7.31E+01	1.94						
LDWG 2007	LDW-SC25	1 - 2	Vanadium	7.51E+01	1.47						
LDWG 2007	LDW-SC25	2 - 4	Vanadium	7.90E+01	1.69						
LDWG 2007	LDW-SC25	4 - 6	Vanadium	8.90E+01	1.63						
LDWG 2007	LDW-SC25	8 - 9.1	Vanadium	3.75E+01	0.11						
LDWG 2007	LDW-SC26	0 - 1	Vanadium	7.89E+01	1.4						
LDWG 2007	LDW-SC26	1 - 2	Vanadium	7.85E+01	2.04						
LDWG 2007	LDW-SC26	2 - 4	Vanadium	8.01E+01	2.08						
LDWG 2007	LDW-SC26	6 - 8	Vanadium	6.70E+01	1.88						
LDWG 2007	LDW-SC26	11 - 12	Vanadium	4.77E+01	0.912						
LDWG 2007	LDW-SC28	0 - 1	Vanadium	6.75E+01	2.59						
LDWG 2007	LDW-SC28	1 - 2	Vanadium	6.89E+01	2.07						
LDWG 2007	LDW-SC28	2 - 4	Vanadium	7.11E+01	3.14						
LDWG 2007	LDW-SC28	6 - 7.5	Vanadium	9.20E+01	1.61						
LDWG 2007	LDW-SC28	12 - 13	Vanadium	5.92E+01	1.31						
LDWG 2007	LDW-SC29	0 - 1	Vanadium	5.65E+01	1.77						

Table A-2
Subsurface Sediment Sampling Results
Glacier Bay Source Control Area

Source	Sample Location	Sample Depth (feet)	Chemical	Conc'n (mg/kg DW)	TOC %	SQS	CSL	Units	Conc'n (mg/kg OC)	SQS Exceedance Factor[a]	CSL Exceedance Factor[a]
LDWG 2007	LDW-SC29	1 - 2	Vanadium	5.27E+01	1.06						
LDWG 2007	LDW-SC29	2 - 3.6	Vanadium	4.46E+01	0.48						
LDWG 2007	LDW-SC24	0 - 1	Zinc	1.95E+02	1.99	410	960	mg/kg DW		0.48	0.20
LDWG 2007	LDW-SC24	1 - 2	Zinc	3.83E+01	0.304	410	960	mg/kg DW		0.09	0.04
LDWG 2007	LDW-SC24	2 - 4	Zinc	2.26E+01	0.435	410	960	mg/kg DW		0.06	0.02
LDWG 2007	LDW-SC25	0 - 1	Zinc	2.63E+02	1.94	410	960	mg/kg DW		0.64	0.27
LDWG 2007	LDW-SC25	1 - 2	Zinc	5.03E+02	1.47	410	960	mg/kg DW		1.2	0.52
LDWG 2007	LDW-SC25	2 - 4	Zinc	7.50E+02	1.69	410	960	mg/kg DW		1.8	0.78
LDWG 2007	LDW-SC25	4 - 6	Zinc	1.42E+03	1.63	410	960	mg/kg DW		3.5	1.5
LDWG 2007	LDW-SC25	8 - 9.1	Zinc	1.76E+01	0.11	410	960	mg/kg DW		0.04	0.02
LDWG 2007	LDW-SC26	0 - 1	Zinc	1.98E+02	1.4	410	960	mg/kg DW		0.48	0.21
LDWG 2007	LDW-SC26	1 - 2	Zinc	1.91E+02	2.04	410	960	mg/kg DW		0.47	0.20
LDWG 2007	LDW-SC26	2 - 4	Zinc	3.19E+02	2.08	410	960	mg/kg DW		0.78	0.33
LDWG 2007	LDW-SC26	6 - 8	Zinc	3.70E+03	1.88	410	960	mg/kg DW		9.0	3.9
LDWG 2007	LDW-SC26	11 - 12	Zinc	4.31E+01	0.912	410	960	mg/kg DW		0.11	0.04
LDWG 2007	LDW-SC28	0 - 1	Zinc	4.05E+02	2.59	410	960	mg/kg DW		0.99	0.42
LDWG 2007	LDW-SC28	1 - 2	Zinc	2.03E+02	2.07	410	960	mg/kg DW		0.50	0.21
LDWG 2007	LDW-SC28	2 - 4	Zinc	2.44E+02	3.14	410	960	mg/kg DW		0.60	0.25
LDWG 2007	LDW-SC28	6 - 7.5	Zinc	1.88E+03	1.61	410	960	mg/kg DW		4.6	2.0
LDWG 2007	LDW-SC28	12 - 13	Zinc	9.75E+01	1.31	410	960	mg/kg DW		0.24	0.10
LDWG 2007	LDW-SC29	0 - 1	Zinc	7.79E+01	1.77	410	960	mg/kg DW		0.19	0.08
LDWG 2007	LDW-SC29	1 - 2	Zinc	3.84E+01	1.06	410	960	mg/kg DW		0.09	0.04
LDWG 2007	LDW-SC29	2 - 3.6	Zinc	3.12E+01	0.48	410	960	mg/kg DW		0.08	0.03

a - Exceedance factors are the ratio of the detected concentration to the CSL or SQS; an exceedance factor greater than 1 indicates that the measured concentration is higher than the corresponding CSL or SQS.
Table presents detections only.
DW - Dry weight
OC - Organic carbon normalized

SITE ASSESSMENT FOR USTs
5615 WEST MARGINAL WAY S.W.
SEATTLE, WASHINGTON

For

ALASKA MARINE LINES
JOB NO. 21048-001-005
March 21, 1991

DAMES & MOORE

Table 1
Dames & Moore Sample Results
Alaska Marine Lines

Soil Results (ppm)

D&M Sample I.D. No.	Volatile Organics				TPH		TCLP (Extractable)
	Benzene	Ethylbenzene	Toluene	Xylene	Gasoline	Diesel	Lead
SS-1	0.24	3.2	1.3	8.4	1,600	14,000	<0.1
SS-2	0.025	0.65	0.23	3.5	1,400	15,000	<0.1
SS-3	0.025	1.1	0.46	2.7	560	4,400	<0.1

Proposed Cleanup Levels Contained in MTCA[1]

Residential	0.5	20	40	20	100	200	250
Industrial	0.5	20	40	20	100	200	1,000

Groundwater Results (ppb)

D&M Sample I.D. No.	Volatile Organics				TPH		TCLP (Extractable)
	Benzene	Ethylbenzene	Toluene	Xylene	Gasoline	Diesel	Lead
H2O-1	330	420	110	1,200	<1	4,900	0.19

Proposed Cleanup Levels Contained in MTCA[1]

Residential & Industrial	5.0	20	40	20	1,000	1,000	5.0

[1] - MTCA Model Toxics Control Act

TPH - Total Petroleum Hydrocarbons

HARTCROWSER

Earth and Environmental Technologies

Independent Remedial Action Report
Alaska Marine Lines Parcel
Duwamish Shipyards
Seattle, Washington

Prepared for
Duwamish Shipyards, Inc.

June 29, 1994
J-3763-04

Table 1A – Pre-Remediation Data Collected by ESL – Petroleum Hydrocarbons in Soil

Sample ID:	TP-1	TP-2	TP-3	TP-3	TP-4	TP-5
Sample No.:	8269303	8269304	8269305	8279302	8279303	8279305
Sampling Date:	8/26/93	8/26/93	8/26/93	8/27/93	8/27/93	8/27/93
Method/Analyte						
Total Petroleum Hydrocarbons in mg/kg						
Gasoline Range Hydrocarbons	20.0 U	20 U	> 20.0	> 20.0	20 U	20 U
Diesel Range Hydrocarbons	> 50.0	50 U	> 50.0	> 50.0	50 U	50 U
Lube Oil and Related Products	> 100	100 U	> 100	> 100	100 U	100 U
Conventionals						
Total Solids in Percent	70.9		89.4			

Sample ID:	MW-2	MW-2	MW-2	SB	MW-3	MW-3	MW-3	MW-4	MW-4
Sample No.:	865214387	865214388	865214390	643955217	543786217	543786219	543786220	874236900	874236902
Sampling Date:	8/28/93	8/28/93	8/28/93	8/28/93	8/28/93	8/28/93	8/28/93	8/28/93	8/28/93
Method/Analyte									
Total Petroleum Hydrocarbons in mg/kg									
Gasoline Range Hydrocarbons	20.0 U	> 20.0	20.0 U	20.0 U	20.0 U	> 20.0	20.0 U	20.0 U	20.0 U
Diesel Range Hydrocarbons	> 50.0	> 50.0	> 50.0	50.0 U	> 50.0	> 50.0	50.0 U	50.0 U	50.0 U
Lube Oil and Related Products	> 100	> 100	100 U	> 100	> 100	> 100	100 U	> 100	100 U

Notes: U Not detected at the indicated detection limit.

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Table 1B - Pre-Remediation Data Collected by ESL - Petroleum Hydrocarbons Detected in Soil

Sample ID:	TP-1		TP-3	
Sample No:	8269303		8269305	
Sampling Date:	8/26/93		8/27/93	
Method/Analyte				
Volatiles in mg/kg (EPA Method 8240)				
Methylene chloride	0.004		ND	
Acetone	0.018	B	0.66	B
2-Butanone	ND		0.7	B
Benzene	ND		1.3	
Toluene	ND		4.3	
Ethylbenzene	0.004		9	
Total Xylene	0.005		12	
Semivolatiles in mg/kg (EPA Method 8270)				
Naphthalene	ND		200	
2-Methylnaphthalene	ND		250	
Acenaphthylene	ND		28	
Acenapthene	0.3		21	
Dibenzofuran	ND		16	
Fluorene	0.45		58	
Phenanthrene	0.76		150	
Anthracene	0.22		130	
Carbazole	ND		55	
Fluoranthene	0.074		21	
Pyrene	0.25		38	
* Benzo(a)anthracene	0.19		19	
* Chrysene	0.19		28	
Bis(2-ethylhexyl)phthalate	0.041	JB	ND	
* Benzo(b)fluoranthene	0.059	T	15	T
* Benzo(k)fluoranthene	0.059	T	15	T
* Benzo(a)pyrene	0.076		18	
* Indeno(1,2,3-cd)pyrene	0.012	J	9.2	J
* Dibenzo(a,h)anthracene	ND		2.6	J
Benzo(g,h,i)perylene	0.028	J	11	J

Notes:

U Not detected at the indicated detection limit.

B Detected in the method blank associated with the sample.

J Estimated value.

T The flagged values represent the sum of two co-eluting compounds.

* cPAH

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Table 1C – Pre-Remediation Data Collected by ESL – Petroleum Hydrocarbons in Groundwater

Sample ID:	MW-1	MW-2	MW-3	MW-4
Sampling Date:	8/30/93	8/30/93	8/30/93	8/30/93
Method/Analyte				
Total Petroleum Hydrocarbons in mg/L				
Gasoline Range Hydrocarbons	0.20 U	0.20 U	0.20 U	0.20 U
Diesel Range Hydrocarbons	0.50 U	0.50 U	0.98	1.0
Lube Oil and Related Products	1.0 U	1.0 U	1.0 U	1.0 U

Notes:

U Not detected at the indicated detection limit.

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Table 2 – MTCA Cleanup Levels for Soil and Groundwater

	Soil in mg/kg Industrial Site		Groundwater in $\mu g/L$
	Method A	Method C	Method B
Fuel Analysis			
Gasoline	100	–	–
Diesel	200	–	–
Oil	200	–	–
Volatile Organics			
Benzene	–	4,525	71
Ethylbenzene	–	350,000	6,900
Toluene	–	700,000	48,500
Xylene	–	7,000,000	500,000
Semivolatiles			
Naphthalene	–	14,000	988
1-Methylnaphthalene	–	–	–
2-Methylnaphthalene	–	–	–
Acenaphthylene	–	–	–
Acenapthene	–	210,000	643
Dibenzofuran	–	–	–
Fluorene	–	140,000	3,457
Phenanthrene	–	–	–
Anthracene	–	1,050,000	25,926
Fluoranthene	–	140,000	90
Pyrene	–	105,000	2,593
* Benzo(a)anthracene	–	–	0.031
* Chrysene	–	–	0.031
* Benzo(b)fluoranthene	–	–	0.031
* Benzo(k)fluoranthene	–	–	0.031
* Benzo(a)pyrene	–	18.0	0.031
* Indeno(1,2,3-cd)pyrene	–	–	0.031
* Dibenzo(a,h)anthracene	–	–	0.031
Benzo(g,h,i)perylene	–	–	0.031
Total cPAHs	20.0	–	0.1

– Not applicable or no data available to establish a cleanup level.
* cPAH

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Table 3 - Results of Soil Excavation Verification and Soil Stockpile Designation Sampling and Analysis - Petroleum Hydrocarbons

Method/Analyte	NE-B7-0	NE-W4-0	SE-B7-0	E-W4-NE30	SP-D1	SP-D2	SE-W4	S-W4-SE20	MTCA Industrial Cleanup Level
	Concentration in mg/kg								
Petroleum Hydrocarbons									
WTPH-HCID (1)	NA	NA	NA	NA	2,250	850	NA	NA	-
WTPH-D (2)	140	12,000	18	17,000	NA	NA	94	10 U	200
WTPH-G (1)	NA	570	10 U	NA	NA	NA	NA	10 U	100
Diesel (C12-C24) (1)	NA	NA	NA	NA	NA	NA	NA	NA	200
Oil (C24-C36) (1)	NA	NA	NA	NA	NA	NA	NA	NA	200
WTPH-418.1 Modified (2)	110	13,000	100 U	11,000	NA	NA	120	100 U	200
BTEX (EPA Method 8020) (1)									
Benzene	NA	50 U	50 U	NA	NA	NA	NA	50 U	4,525
Toluene	NA	50 U	50 U	NA	NA	NA	NA	50 U	350,000
Ethylbenzene	NA	350	50 U	NA	NA	NA	NA	50 U	700,000
Xylenes	NA	1,200	50 U	NA	NA	NA	NA	50 U	>1 M

Table 3 - Results of Soil Excavation Verification and Soil Stockpile Designation Sampling and Analysis - Petroleum Hydrocarbons

Method/Analyte	W-W4-SW30	SW-W4-0	NW-W4-0	W-B7-SW-10	C-B7	N-W4	SP-C1	SP-C2	MTCA Industrial Cleanup Level
	Concentration in mg/kg								
Petroleum Hydrocarbons									
WTPH-HCID (1)	NA	NA	NA	NA	NA	NA	760	NA	-
WTPH-D (2)	10 U	10 U	10 U	10 U	NA	NA	NA	NA	200
WTPH-G (1)	10 U	NA	10 U	NA	NA	NA	NA	NA	100
Diesel (C12-C24) (1)	NA	NA	NA	NA	68	20 U	NA	NA	200
Oil (C24-C36) (1)	NA	NA	NA	NA	68	50 U	NA	NA	200
WTPH-418.1 Modified (2)	100 U	100 U	100 U	100 U	1,100	480	NA	NA	200
BTEX (EPA Method 8020) (1)									
Benzene	50 U	NA	50 U	NA	NA	NA	NA	NA	4,525
Toluene	50 U	NA	50 U	NA	NA	NA	NA	NA	350,000
Ethylbenzene	50 U	NA	50 U	NA	NA	NA	NA	NA	700,000
Xylenes	50 U	NA	50 U	NA	NA	NA	NA	NA	>1 M

Note:
U Not detected at the detection limit.
NA Not Analyzed
(1) Analyzed by Hart Crowser
(2) Analyzed by North Creek Analytical
- Not applicable or no data available to establish a cleanup level.
M Million

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Table 4 - Results of Soil Excavation Verifcation and Soil Stockpile Designation Sampling and Analysis - Semivolatiles Sheet 1 of 2

	NE-W4-0		SE-B7-0		E-W4-NE30		SP-D1		S-W4-SE20		W-W4-SW30		NW-W4-0		MTCA Industrial Cleanup Level
Method (1)	Concentration in mg/kg														
N-Nitroso-Dimethylamine	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Phenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Aniline	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Bis(2-Chloroethyl) ether	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2-Chlorophenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
1,3-Dichlorobenzene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
1,4-Dichlorobenzene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Benzyl Alcohol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
1,2-Dichlorobenzene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2-Methylphenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Bis(2-chloroisopropyl) ether	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
4-Methylphenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
N-Nitroso-di-n-propylamine	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Hexachloroethane	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Nitrobenzene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Isophorone	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2-Nitrophenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2,4-Dimethylphenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Benzoic acid	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-
Bis(2-Chloroethoxy) methane	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2,4-Dichlorophenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
1,2,4-Trichlorobenzene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Naphthalene	1.40		0.22	U	19		3.3		0.22	U	0.25	U	0.17	U	14,000
4-Chloroaniline	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Hexachlorbutadiene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
4-Chloro-3-Methylphenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2-Methylnaphthalene	10.00		0.22	U	30		3.2		0.22	U	0.25	U	0.17	U	NDA
Hexachlorocyclopentadiene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2,4,6-Trichlorophenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2,4,5-Trichlorophenol	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-
2-Chloronaphthalene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2-Nitroaniline	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-
Dimethylphthalate	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Acenaphthylene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
3-Nitroaniline	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-
Acenaphthene	3.20		0.22	U	4.1		2.1		0.22	U	0.25	U	0.17	U	210,000
2,4-Dinitrophenol	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-
4-Nitrophenol	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-
Dibenzofuran	2.1		0.22	U	2.9		1.1		0.22	U	0.25	U	0.17	U	NDA
2,4-Dinitrotoluene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
2,6-Dinitrotoluene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Diethylphthalate	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
4-Chlorophenyl-phenylether	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Fluorene	6.80		0.22	U	8.9		2		0.22	U	0.25	U	0.17	U	140,000
4-Nitroaniline	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-

Table 4 – Results of Soil Excavation Verifcation and Soil Stockpile Designation Sampling and Analysis – Semivolatiles Sheet 2 of 2

	NE-W4-0		SE-B7-0		E-W4-NE30		SP-D1		S-W4-SE20		W-W4-SW30		NW-W4-0		MTCA Industrial Cleanup Level
Method (1)	Concentration in mg/kg														
4,6-Dinitro-2-Methylphenol	4.60	U	1.1	U	5.5	U	1	U	1.1	U	1.3	U	0.88	U	-
N-Nitroso-diphenylamine	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
4-Bromophenyl phenyl ether	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Hexachlorobenzene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Pentachlorophenol	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Phenanthrene	17.00		0.22	U	24		4.9		0.22	U	0.25	U	0.17	U	NDA
Anthracene	5.20		0.22	U	9.3		1.2		0.22	U	0.25	U	0.17	U	1,050,000
Di-N-Butylphthalate	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
Fluoranthene	1.40		0.22	U	3		2.3		0.22	U	0.25	U	0.17	U	140,000
Benzidine	0.90	U	2.2	U	11	U	0.2	U	2.2	U	2.5	U	1.7	U	-
Pyrene	4.50		0.22	U	7.7		2.2		0.22	U	0.25	U	0.17	U	105,000
Buthylbenzylphthalate	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
3,3'-Dichlorobenzidine	1.80	U	0.45	U	2.2	U	0.41	U	0.44	U	0.51	U	0.35	U	-
* Benzo(A)Anthracene	1.60		0.22	U	3		0.67		0.22	U	0.25	U	0.17	U	NDA
Bis(2-Ethylhexyl)Phthalate	0.90	U	0.22	U	1.1	U	0.35		0.22	U	0.25	U	0.17	U	9,370
* Chrysene	2.50		0.22	U	4.3		0.76		0.22	U	0.25	U	0.17	U	NDA
Di-N-Octylphthalate	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	-
* Benzo(B)Fluoranthene	0.90	U	0.22	U	1	J	0.24		0.22	U	0.25	U	0.17	U	NDA
* Benzo(K)Fluoranthene	0.90	U	0.22	U	1.1	U	0.24		0.22	U	0.25	U	0.17	U	NDA
* Benzo(A)Pyrene	1.00		0.22	U	2		0.32		0.22	U	0.25	U	0.17	U	18.0
* Indeno(1,2,3-CD)Pyrene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	NDA
* Dibenz(A,H)Anthracene	0.90	U	0.22	U	1.1	U	0.2	U	0.22	U	0.25	U	0.17	U	NDA
Benzo(G,H,I)Perylene	0.90	U	0.22	U	0.8	J	0.2	U	0.22	U	0.25	U	0.17	U	-
Total cPAHs	5.1		ND		9.3		2.23		ND		ND		ND		20

Note: U Not detected at the detection limit.
J Compound detected below the reporting limit.
(1) Method 8270
– Constituent not detected – no cleanup level included.
NDA No data available to establish a cleanup level.
* cPAH
ND Not detected above the analytical detection limit.

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Table 5 - Results of Soil Boring Sampling and Analysis - Petroleum Hydrocarbons and PAHs

Method/Analyte	MW5-S1	MW5-S5	B1-S2	B1-S4	B1-S5	B2-S1	B2-S3	B2-S5	MTCA Soil Cleanup Level
Depth in Feet	5 - 6.5	15 - 16.5	7 - 8.5	12 - 13.5	15 - 16.5	5 - 6.5	10 - 11.5	15 - 16.5	
PID Screen in HNU Units	0	0	18	5	0	0	0	0	
	Concentration in mg/kg								
Petroleum Hydrocarbons (WTPH-D ext)									
Diesel (C12-C24)	12 U	13 U	3400	430	14 U	33	14 U	16 U	200
Oil (C24-C36)	49 U	50 U	510 U	100	57 U	79	56 U	63 U	200
Total Organic Carbon (%)	0.14	0.18	0.13	0.51	1.9	2.5	0.39	2.0	-
Polynuclear Aromatic Hydrocarbons (EPA 8310)									
Naphthalene	0.10 U	0.10 U	2.1 U	0.12 U	0.12 U	0.11 U	0.54	0.13 U	14,000
Acenaphthylene	0.21 U	0.21 U	4.4 U	0.24 U	0.24 U	0.22 U	0.24 U	0.27 U	-
1-Methylnaphthalene	0.21 U	0.21 U	31	0.69	0.24 U	0.22 U	0.24 U	0.27 U	NDA
2-Methylnaphthalene	0.26	0.21 U	4.4 U	0.24 U	0.24 U	0.22 U	0.28	0.27 U	NDA
Acenaphthene	0.21 U	0.21 U	4.4 U	0.24 U	0.24 U	0.22 U	0.24 U	0.27 U	210,000
Fluorene	0.14	0.021 U	7.1	0.20	0.024 U	0.022 U	0.083	0.027 U	140,000
Phenanthrene	0.87	0.012	22	0.46	0.067	0.029	0.032	0.013 U	NDA
Anthracene	0.16	0.010 U	6.1	0.16	0.012 U	0.011 U	0.012 U	0.013 U	1,050,000
Fluoranthene	1.3	0.021 U	0.44 U	0.024 U	0.024 U	0.079	0.025	0.027 U	140,000
Pyrene	0.61	0.021 U	5.4	0.024 U	0.024 U	0.057	0.024 U	0.027 U	105,000
* Benzo (a) anthracene	0.36	0.021 U	2.7	0.024 U	0.024 U	0.027	0.024 U	0.027 U	NDA
* Chrysene	0.34	0.021 U	5.0	0.024 U	0.024 U	0.030	0.024 U	0.027 U	NDA
* Benzo (b) fluoranthene	0.26	0.021 U	0.44 U	0.024 U	0.024 U	0.022 U	0.024 U	0.027 U	NDA
* Benzo (k) fluoranthene	0.16	0.021 U	0.44 U	0.024 U	0.024 U	0.022 U	0.024 U	0.027 U	NDA
* Benzo (a) pyrene	0.31	0.021 U	0.73	0.031	0.024 U	0.026	0.024 U	0.027 U	18.0
* Dibenzo(a,h)anthracene	0.042 U	0.043 U	0.87 U	0.047 U	0.049 U	0.044 U	0.047 U	0.053 U	NDA
Benzo (g,h,i) perylene	0.19	0.021 U	1.6	0.024 U	0.024 U	0.022 U	0.024 U	0.027 U	NDA
* Indeno (1,2,3-cd) pyrene	0.20	0.021 U	0.44 U	0.024 U	0.024 U	0.022 U	0.024 U	0.027 U	NDA
Total cPAH	1.63	ND	8.43	0.031	ND	0.083	ND	ND	20

Notes: U - Not detected at detection limit

NDA No data available to calculate a cleanup level.

* cPAH

ND Not detected above the analytical detection limit.

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Table 6 - Results of Soil and Soil-Leachate Sampling and Analysis - Petroleum Hydrocarbons and PAHs

Method/Analyte	B1-S2		B2-S1		MTCA Cleanup Levels	
	Soil	Leachate	Soil	Leachate	Industrial Soil	Groundwater Method B(1)
Petroleum Hydrocarbons (WTPH-D ext)						
Soil concentration in mg/kg						
Leachate concentration in mg/L						
Diesel (C12-C24)	3400	2.2	33	0.25 U	200	1.0
Oil (>C24)	510 U	0.75 U	79	0.75 U	200	1.0
Polynuclear Aromatic Hydrocarbons (EPA 8310)						
Soil concentration in mg/kg						
Leachate concentration in μg/L						
Naphthalene	2.1 U	1.7 U	0.11 U	1.7 U	14,000	988
Acenaphthylene	4.4 U	3.3 U	0.22 U	3.3 U	-	-
1-Methylnaphthalene	31	37	0.22 U	1.7 U	-	NDA
2-Methylnaphthalene	4.4 U	3.2	0.22 U	1.7 U	-	NDA
Acenaphthene	4.4 U	3.3	0.22 U	1.7 U	210,000	643
Fluorene	7.1	6.9	0.022 U	0.33 U	140,000	3457
Phenanthrene	22	9.0	0.029	0.17 U	-	NDA
Anthracene	6.1	2.8	0.011 U	0.17 U	1,050,000	25926
Fluoranthene	0.44 U	0.33 U	0.079	0.33 U	140,000	90
Pyrene	5.4	1.4	0.057	0.33 U	105,000	2593
* Benzo (a) anthracene	2.7	0.33 U	0.027	0.33 U	-	0.031
* Chrysene	5.0	0.33 U	0.030	0.33 U	-	0.031
* Benzo (b) fluoranthene	0.44 U	0.33 U	0.022 U	0.33 U	-	0.031
* Benzo (k) fluoranthene	0.44 U	0.33 U	0.022 U	0.33 U	-	0.031
* Benzo (a) pyrene	0.73	0.33 U	0.026	0.33 U	18.0	0.031
* Dibenzo(a,h)anthracen	0.87 U	0.67 U	0.044 U	0.67 U	-	0.031
Benzo (g,h,i) perylene	1.6	0.33 U	0.022 U	0.33 U	-	0.031
* Indeno (1,2,3-cd) pyr	0.44 U	0.33 U	0.022 U	0.33 U	-	0.031
Total cPAH	8.43	ND	0.083	ND		0.1

U Not detected at the detection limit.
- Constituent not detected - no cleanup level included.
(1) Based on protection of surface water, except for TPH.
NDA No data available to establish a cleanup level.
* cPAH
ND Not detected above the analytical detection limit.

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Table 7 - Results of Groundwater Sampling and Analysis -
Petroleum Hydrocarbons and BTEX

	MW-1		MW-2		MW-4		MW-5		MTCA
	02/08/94	02/14/94	02/08/94	02/14/94	02/08/94	02/14/94	02/08/94	02/14/94	Cleanup
Relative Water Level	low	high	low	high	low	high	high	low	Level(1)
Field Parameters									
Temperature (C°)	10	7	10	7	9	6	11	11	< 21°C
pH	7.2	7.2	7.2	7.6	7.5	7.4	7.2	7.1	6.5-8.5
Conductivity (umhos)	740	550	740	110	370	190	1610	1450	NDA
Total Dissolved Solids in	4000	340	380	77	110	130	1100	1100	NDA
Petroleum Hydrocarbons (WTPH-D ext) in mg/L									
Diesel (C12-C24)	0.25 U	0.25 U	0.32	0.39	0.66	0.37	0.25 U	0.25 U	1.0
Oil (C24-C36)	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	1.0
BTEX (EPA 8010) in μg/L									
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	71
Toluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	48,500
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6,900
Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500,000

Table 7 - Results of Groundwater Sampling and Analysis - PAHs

	MW-1		MW-2		MW-4		MW-5		MTCA
	02/08/94	02/14/94	02/08/94	02/14/94	02/08/94	02/14/94	02/08/94	02/14/94	Cleanup
Relative Water Level	low	high	low	high	low	high	high	low	Level(1)
Polynuclear Aromatic Hydrocarbons (EPA 8310) in μg/L									
Naphthalene	0.49 U	0.48 U	0.49 U	0.48 U	8.9	0.97	0.49 U	0.48 U	988
Acenaphthylene	0.98 U	0.96 U	0.97 U	0.96 U	3.4	1.4	0.97 U	0.96 U	NDA
1-Methylnaphthalene	0.49 U	0.48 U	0.49 U	0.48 U	1.8	0.55	0.49 U	0.48 U	NDA
2-Methylnaphthalene	0.49 U	0.48 U	0.49 U	0.48 U	4.8	4.1	0.49 U	0.48 U	NDA
Acenaphthene	0.90	0.88	0.49 U	0.48 U	4.2	2.8	0.49 U	0.48 U	643
Fluorene	0.098 U	0.096 U	0.097 U	0.096 U	4.8	3.3	0.097 U	0.096 U	3,457
Phenanthrene	0.049 U	0.11	0.049 U	0.048 U	1.7	1.2	0.049 U	0.048 U	NDA
Anthracene	0.049 U	0.048 U	0.049 U	0.048 U	0.20	0.15	0.049 U	0.048 U	25,926
Fluoranthene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	90
Pyrene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.13	0.097 U	0.096 U	2,593
* Benzo (a) anthracene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.031
* Chrysene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.031
* Benzo (b) fluoranthene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.031
* Benzo (k) fluoranthene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.031
* Benzo (a) pyrene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.031
* Dibenzo(a,h)anthracene	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.031
Benzo (g,h,i) perylene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.031
* Indeno (1,2,3-cd) pyrene	0.098 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.097 U	0.096 U	0.031
Total cPAH	ND	ND	ND	ND	ND	ND	ND	ND	0.1

U Not detected at the detection limit.

- Constituent not detected - no cleanup level included.

(1) Based on protection of surface water.

NDA No data available to calculate a cleanup level.

* cPAH

ND Not detected above the analytical detection limit.

JCH 6/6/94 1=200 HC.pcp
37630401

Site Plan

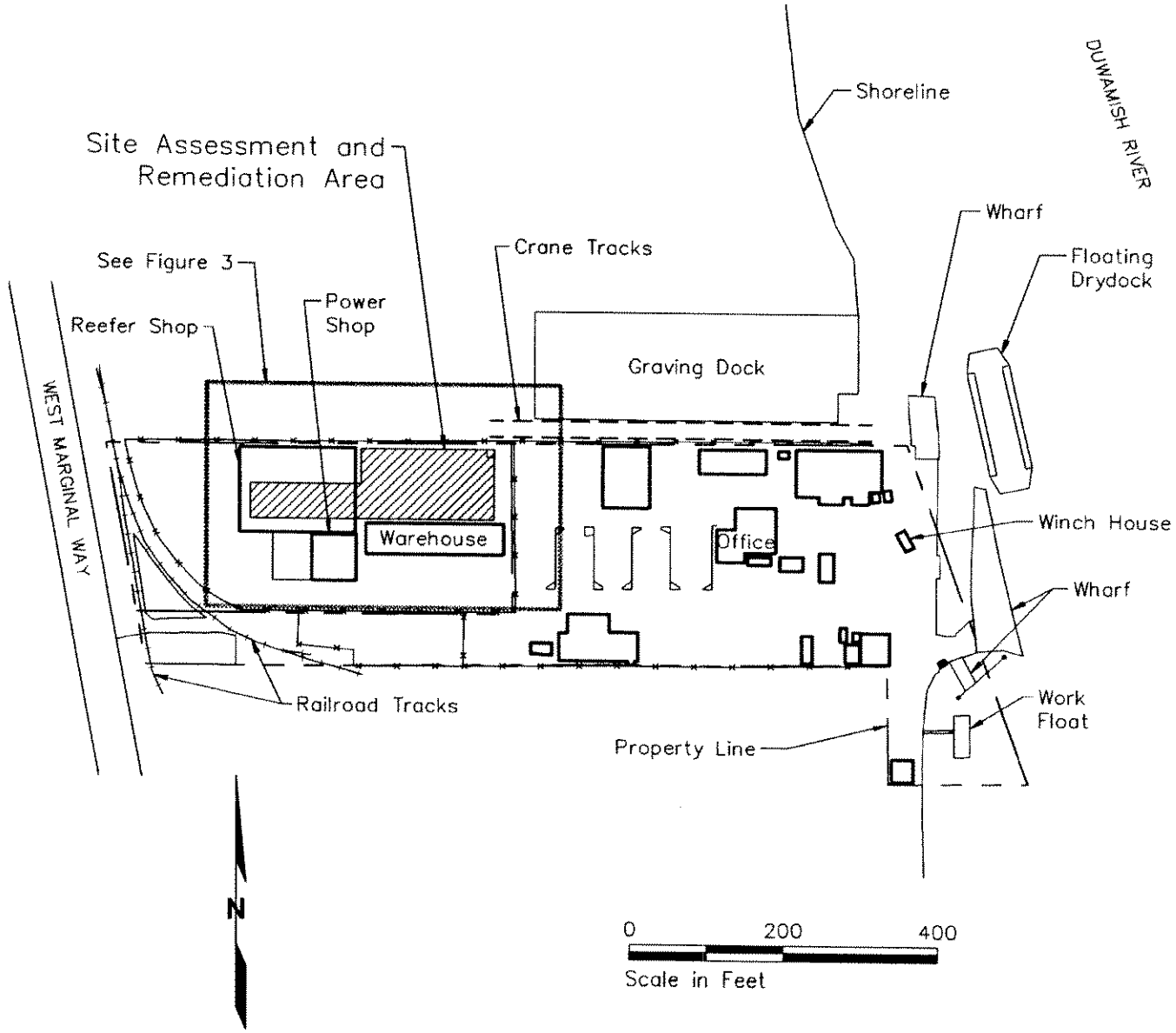

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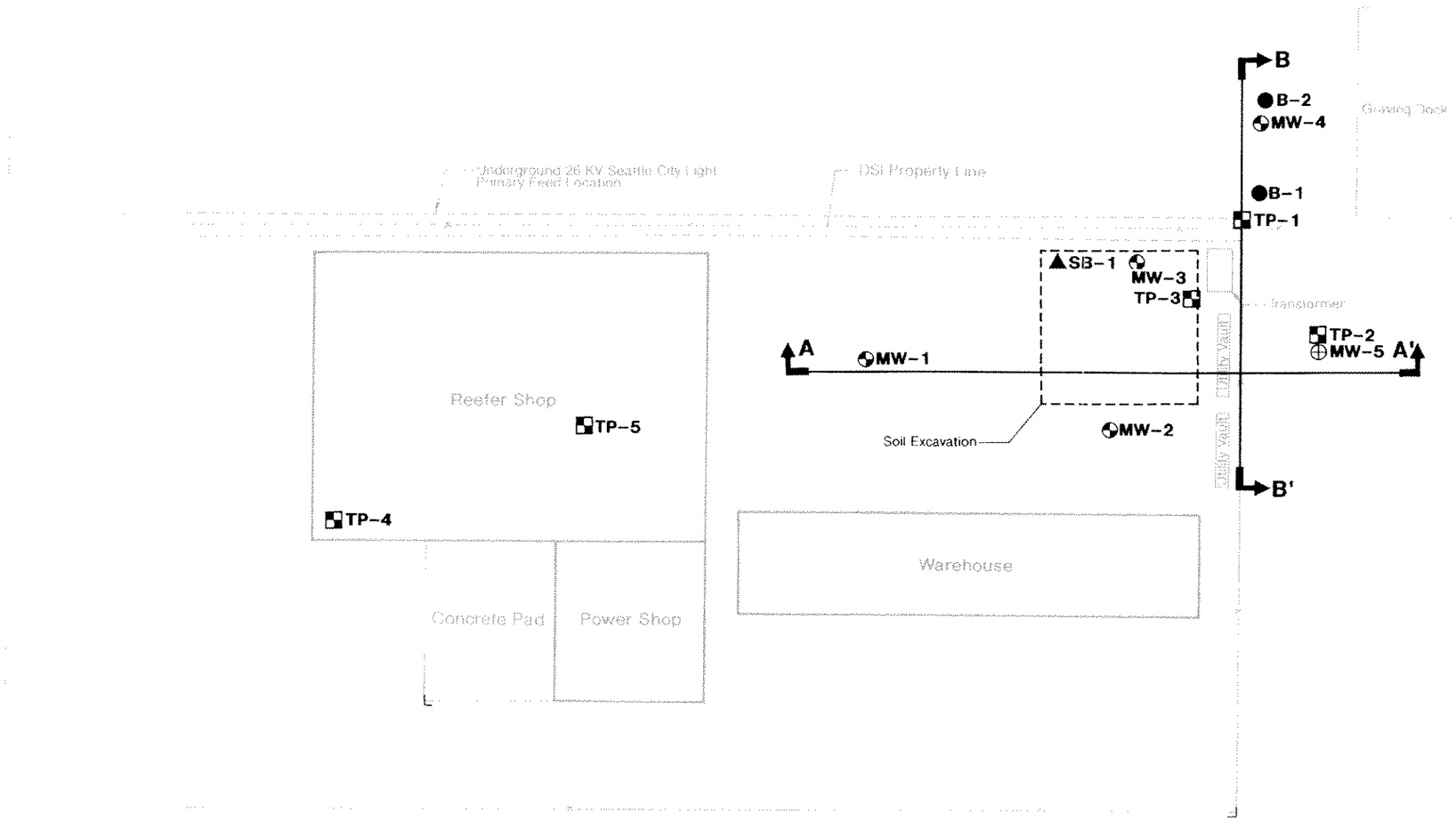
Figure 2

Site and Exploration Plan



Exploration Location and Number

- B-1 Soil Boring (January 1994, Hart Crowser)
- MW-5 Monitoring Well (January 1994, Hart Crowser)
- TP-1 Test Pit (August 1993, ESL)
- MW-1 Monitoring Well (August 1993, ESL)
- SB-1 Soil Boring (August 1993, ESL)
- A A' Cross Section Location and Designation (See Figure 5)

0 50 100
Scale in Feet

N

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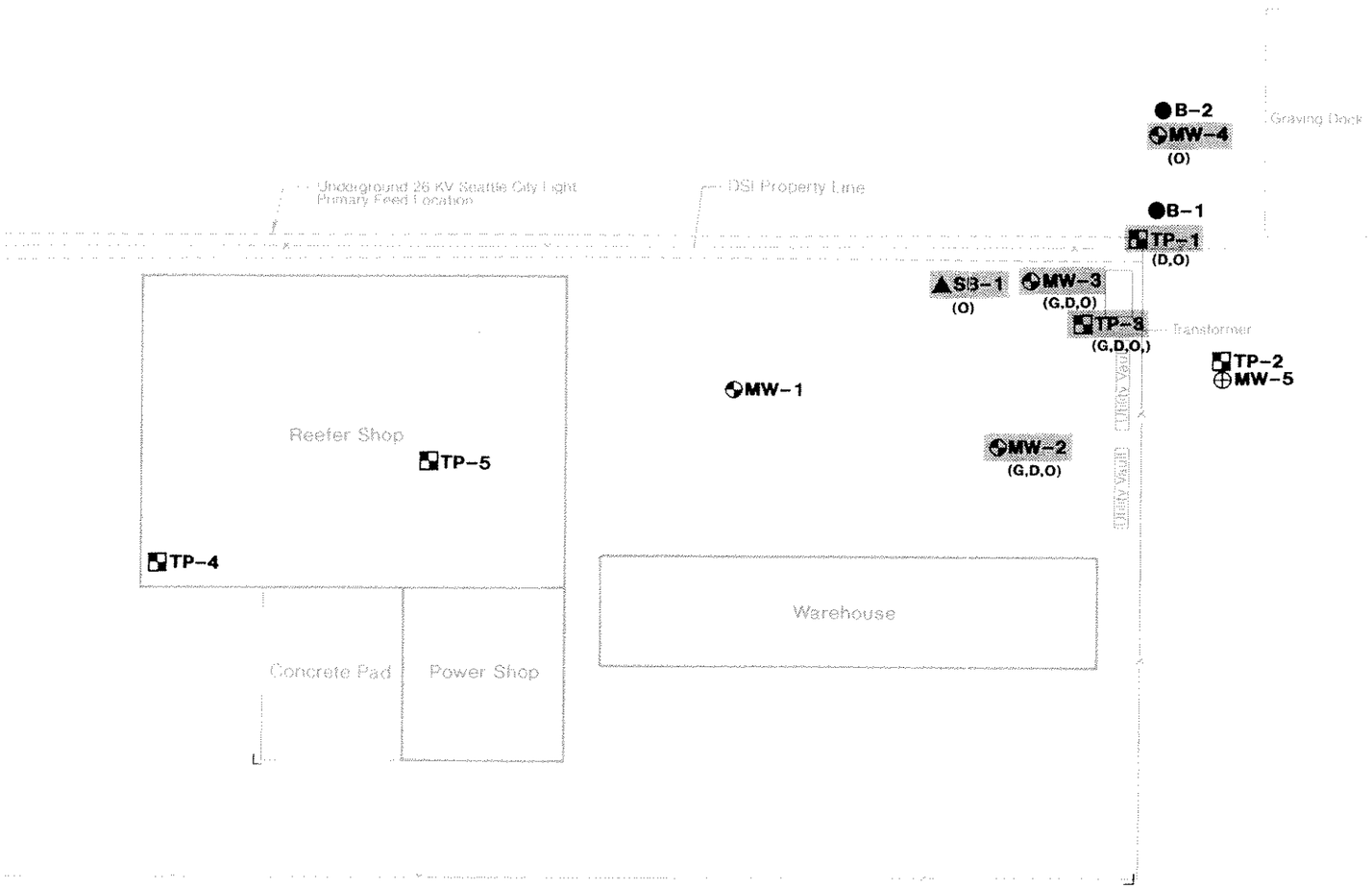
Figure 3

Petroleum Hydrocarbon Constituents Detected in Soil

August 1993



Exploration Location and Number

●B-1	Soil Boring (January 1994, Hart Crowser)
⊕MW-5	Monitoring Well (January 1994, Hart Crowser)
TP-1	Test Pit (August 1993, ESL)
MW-1	Monitoring Well (August 1993, ESL)
▲SB-1	Soil Boring (August 1993, ESL)
MW-2	Exploration where Petroleum Hydrocarbons were Detected by Method WTPH-HCID in Soil as Follows:
(G)	Gasoline >20 mg/kg
(D)	Diesel Fuel >50 mg/kg
(O)	Oil >100 mg/kg

0 50 100
Scale in Feet

N

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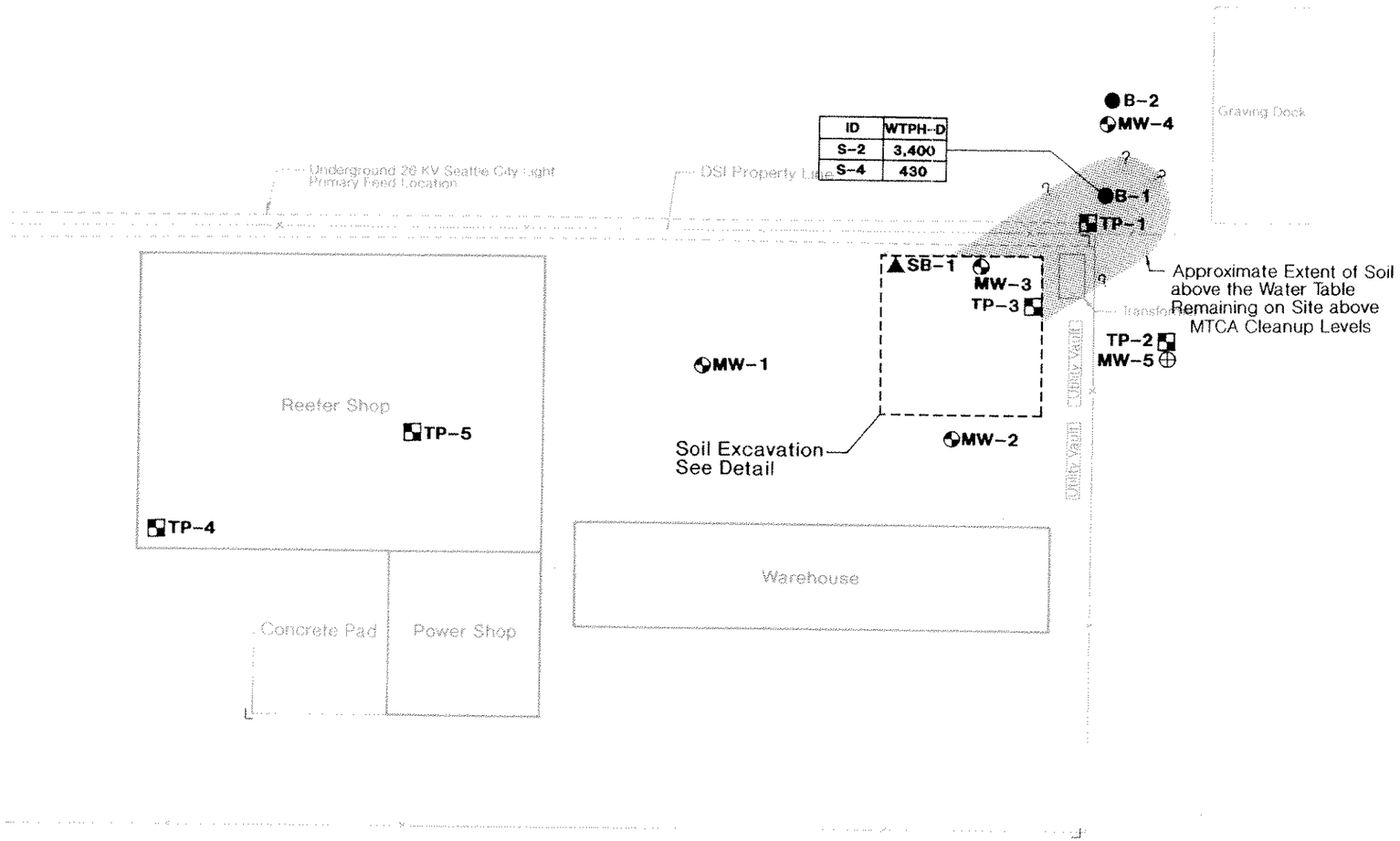
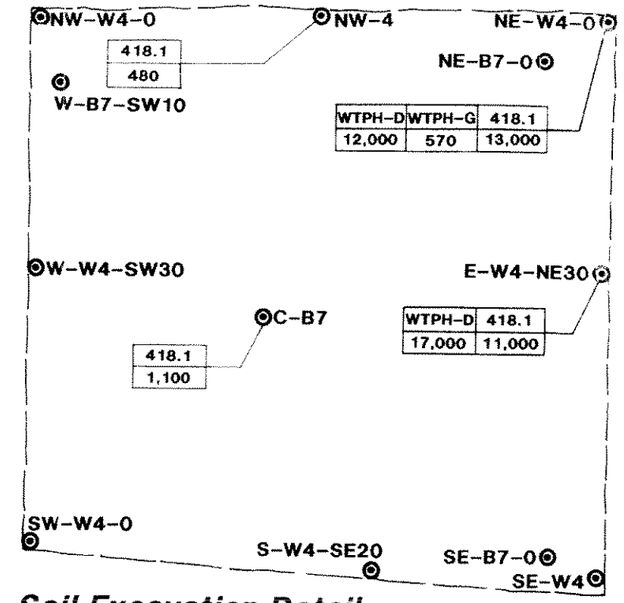
Figure 4

Petroleum Hydrocarbons above the MTCA Method A Industrial Cleanup Level Remaining in Site Soils





Soil Excavation Detail

Exploration Location and Number

- **B-1** Soil Boring (January 1994, Hart Crowser)
- **MW-5** Monitoring Well (January 1994, Hart Crowser)
- **TP-1** Test Pit (August 1993, ESL)
- **MW-1** Monitoring Well (August 1993, ESL)
- **SB-1** Soil Boring (August 1993, ESL)
- **NW-4** Soil Verification Sample

ID	WTPH-D	WTPH-G	418.1
①	②	③	④

① Sample Number

② Diesel-Range Hydrocarbon Concentration in mg/kg (WTPH-D)

③ Petroleum Hydrocarbon Concentration in mg/kg (WTPH-G)

④ Oil Concentration in mg/kg (WTPH-418.1)

N

0 50 100
Scale in Feet

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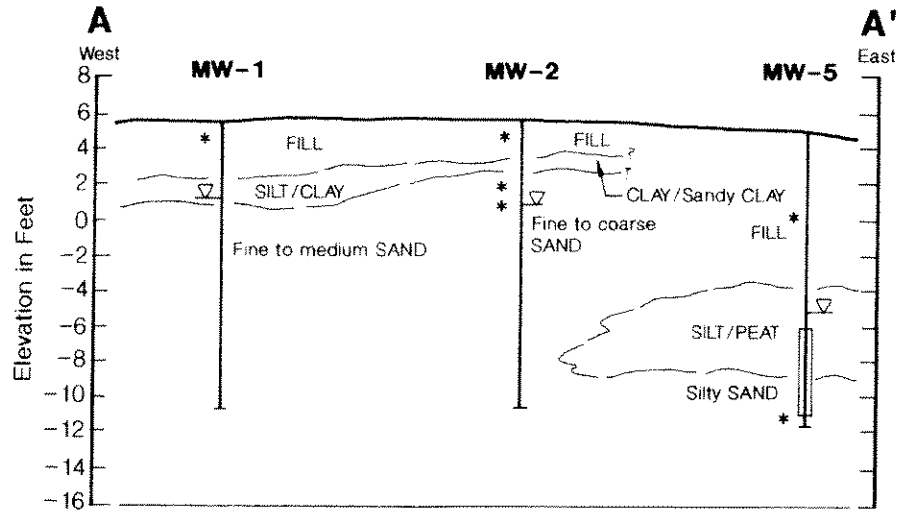
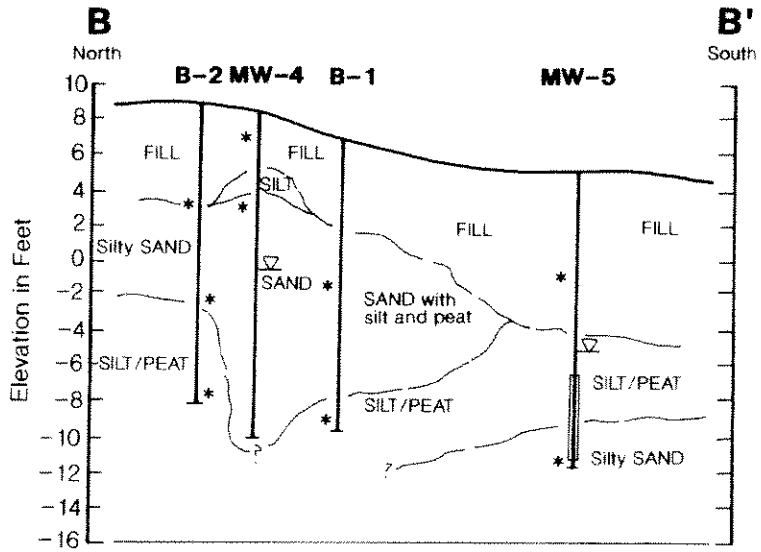
J-3763-04 6/94
Figure 5

Generalized Subsurface Cross Section A–A' and B–B'





MW-1 Well Number

B-1 Boring Number

Exploration Location

Water Level (2/14/94)

Sample Location Submitted for Analysis

Screened Interval

Note: Contacts between soil units are based upon interpolation between borings and represent our interpretation of subsurface conditions based on currently available data.

See Figure 3 for cross section locations

Horizontal Scale in Feet
0 50 100
0 10 20
Verical Scale in Feet
Vertical Exaggeration x 5

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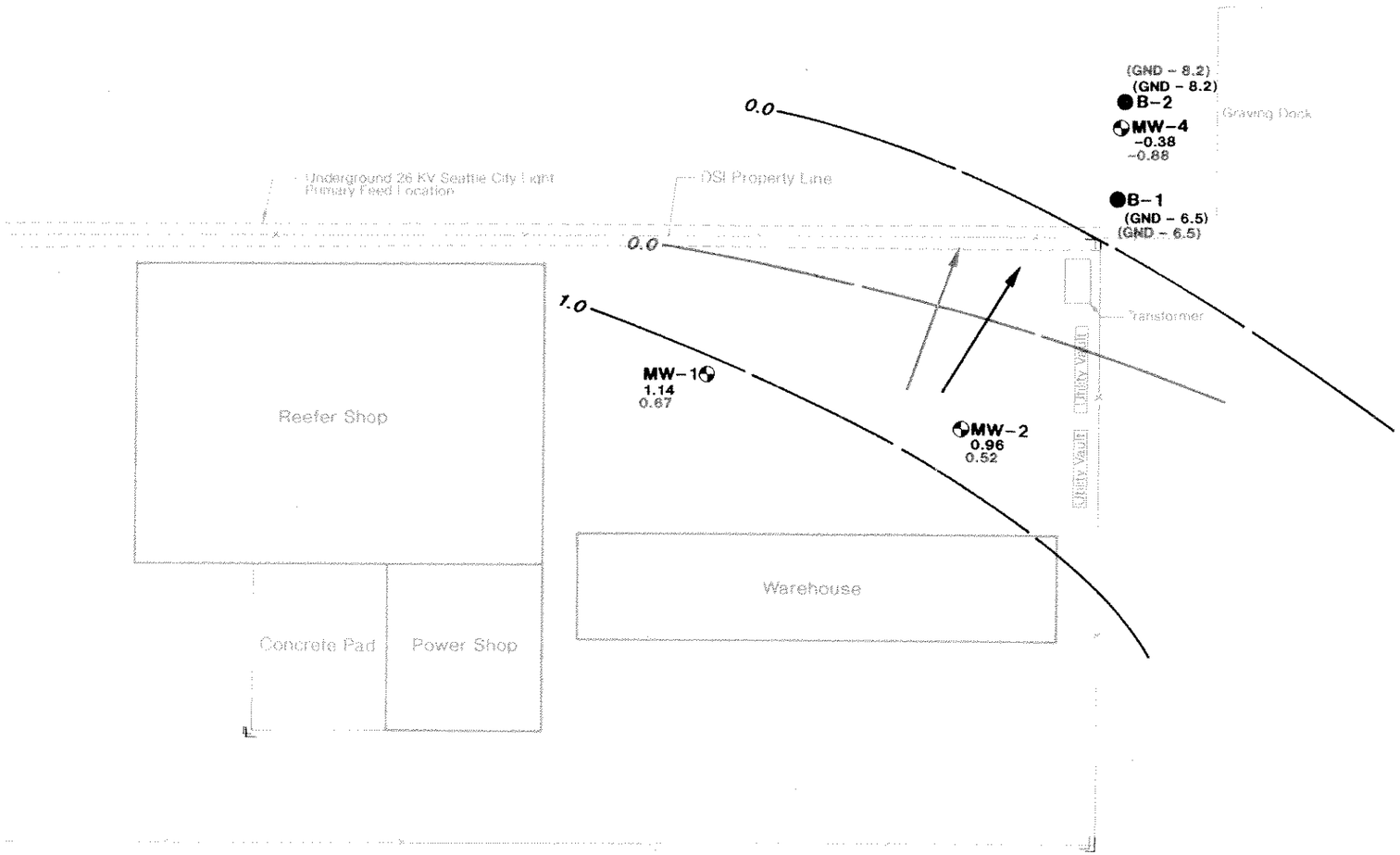
Figure 6

Groundwater Elevation Contour Map



MW–1 Monitoring Well Location and Number

B–1 Soil Boring Location and Number

Groundwater Elevation in Feet

1.14 High Tide 0.67 Low Tide

Groundwater Elevation Contour in Feet

—1.0— High Tide —0.0— Low Tide

Groundwater Flow Direction

High Tide Low Tide

Note: High tide was measured at 19:28 on 2/14/94. High tide groundwater measurements were collected between 16:30 and 18:00.

Low tide was measured at 14:37 on 2/8/94. Low tide groundwater measurements were collected between 14:48 and 15:00.

0 50 100

Scale in Feet

N

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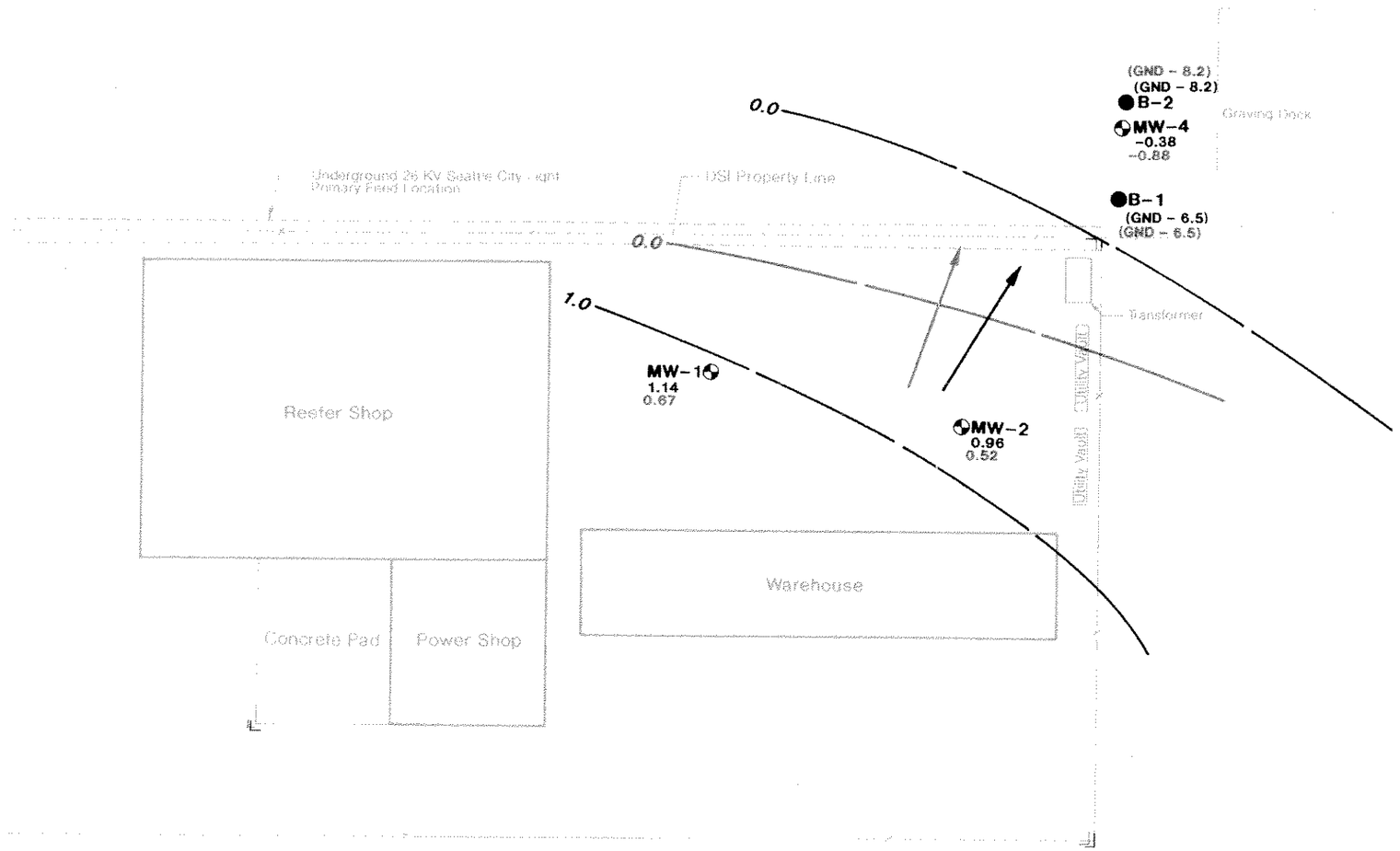
Figure 7

Groundwater Elevation Contour Map



MW–1 Monitoring Well Location and Number

B–1 Soil Boring Location and Number

Groundwater Elevation in Feet

1.14 High Tide 0.67 Low Tide

Groundwater Elevation Contour in Feet

—1.0— High Tide —0.0— Low Tide

Groundwater Flow Direction

High Tide Low Tide

Note: High tide was measured at 19:28 on 2/14/94
High tide groundwater measurements were collected between 16:30 and 18:00.

Low tide was measured at 14:37 on 2/8/94
Low tide groundwater measurements were collected between 14:48 and 15:00.

0 50 100
Scale in Feet

N

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Figure 7