Table 6-1

SURFACE SOIL ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294042	00294012	00294016	00294020	00294024	00294029	00294033	00294037	00294038	00294045	00294050	00294054
Location ID Number	SB09	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB10	SB11	SB12
Depth (feet bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Description	Background	North Yard									Central Area	
SVOCs (µg/kg)												
2-Methylnaphthalene	330 U	330 U	340 U	320 U	**100 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	330 U
Acenaphthene	330 U	330 U	340 U	320 U	**230 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	**42 JQ**
Acetophenone	330 U	330 U	340 U	320 U	**42 JQ**	330 U	**56 JQ**	**34 JQ**	**41 JQ**	**35 JQ**	330 U	330 U
Anthracene	330 U	330 U	340 U	320 U	**330**	330 U	330 U	330 U	340 U	330 U	330 U	**100 JQ**
Benzaldehyde	330 U	330 U	340 U	320 U	320 U	330 U	330 U	330 U	**56 JQ**	330 U	330 U	330 U
Benzo(a)anthracene	**49 JQ** SQL= 330 U	330 U	340 U	320 U	**690**	330 U	330 U	330 U	**45 JQ**	330 U	330 U	**290 JQ**
Benzo(a)pyrene	**42 JQ** SQL= 330 U	330 U	340 U	320 U	**650**	330 U	330 U	330 U	340 U	330 U	330 U	**280 JQ**
Benzo(b)fluoranthene	**76 JQ** SQL= 330 U	330 U	340 U	320 U	**1100**	330 U	330 U	330 U	**52 JQ**	330 U	330 U	**390**
Benzo(g,h,i)perylene	330 U	330 U	340 U	320 U	**240 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	**140 JQ**
Benzo(k)fluoranthene	330 U	330 U	340 U	320 U	**400 JH (40 AC)**	330 U	330 U	330 U	340 U	330 U	330 U	**170 JQ**
bis(2-Ethylhexyl)phthalate	**1700**	**600**	**1500**	**1700**	**3500**	**2600**	**1500**	**2700 JL**	1400 U	**8000**	850 U	**330**
Butylbenzylphthalate	**1000**	**39 JQ**	**150 JQ**	**210 JQ**	**300 JQ**	**570**	**530**	**1200**	**550**	**990**	**740**	**100 JQ**
Carbazole	330 U	330 U	340 U	320 U	**250 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	**62 JQ**
Chrysene	**85 JQ** SQL= 330 U	330 U	340 U	320 U	**890**	330 U	330 U	330 U	**49 JQ**	330 U	330 U	**330**
Di-n-butylphthalate	**330 JQ** SQL= 330 U	330 U	**59 JQ**	**68 JQ**	**150 JQ**	**89 JQ**	**480**	**340**	**350**	**3800**	**150 JQ**	330 U
Di-n-octylphthalate	330 U	330 U	340 U	320 U	320 U	330 U	330 U	330 U	**50 JQ**	330 U	330 U	330 U
Dibenzo(a,h)anthracene	330 U	330 U	340 U	320 U	**65 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	**37 JQ**
Dibenzofuran	330 U	330 U	340 U	320 U	**180 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	330 U
Dimethylphthalate	**160 JQ** SQL= 330 U	330 U	340 U	320 U	320 U	330 U	**180 JQ**	**260 JQ**	**700**	330 U	330 U	330 U
Fluoranthene	**150 JQ** SQL= 330 U	330 U	340 U	320 U	**1600**	330 U	**36 JQ**	330 U	**100 JQ**	330 U	330 U	**760**
Fluorene	330 U	330 U	340 U	320 U	**250 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	**44 JQ**
Indeno(1,2,3-cd)pyrene	330 U	330 U	340 U	320 U	**270 JQ**	330 U	330 U	330 U	340 U	330 U	330 U	**150 JQ**
Naphthalene	330 U	330 U	340 U	320 U	**170 JQ**	330 U	330 U	330 U	340 U	**84 JQ**	330 U	330 U
Phenanthrene	**150 JQ** SQL= 330 U	330 U	340 U	320 U	**1700**	330 U	**41 JQ**	330 U	**110 JQ**	330 U	330 U	**530**
Pyrene	**130 JQ** SQL= 330 U	330 U	340 U	320 U	**1700**	330 U	**39 JQ**	330 U	**96 JQ**	330 U	330 U	**630**

Key is at the end of the table.

Table 6-1 (CONTINUED)

SURFACE SOIL ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294042	00294012	00294016	00294020	00294024	00294029	00294033	00294037	00294038	00294045	00294050	00294054
Location ID Number	SB09	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB10	SB11	SB12
Depth (feet bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Description	Background	North Yard									Central Area	
Pest/PCBs (µg/kg)												
Aroclor-1254	33 U	34 U	34 U	32 U	R	34 U	33 U	33 U	34 U	33 U	33 U	37
delta-BHC	1.7 U	1.7 U	1.8 U	1.7 U	1.7 UJK (0.17 UAC)	1.7 U	1.7 U	1.7 U	1.8 U	2.9 JN	1.7 U	1.7 U
PCDD/PCDFs (ng/kg)												
TEQ	2.046	.723	NA	NA	1.472	NA	1.62	2.5445	.8413	1.58	NA	NA
Inorganics (mg/kg)												
Antimony	22.8	6.5 JB	2.1 JB	1.7 JB	9.6 JB	5.6 JB	4.2 JB	5.1 JB	3.8 JB	3.4 JB	9.6 JB	0.39 UJK (0.20 UAC)
Aluminum	17700	24400	19000	18200	14100	22500	19300	18800	16000	26400	14500	22700
Arsenic	142	35.7	8.7	8.7	29.8	15.1	18.8	36.7	12.6	14.6	58.3	56.4
Barium	81.2	137	96.7	375	101	168	65.5	55.7	38.6 JB	171	82.4	203
Beryllium	0.26 JB SQL= 1 U	0.67 JB	0.52 JB	0.47 JB	0.19 U	0.38 JB	0.22 U	0.28 JB	0.23 JB	0.47 JB	0.21 JB	0.31 JB
Cadmium	1.9	0.2 U	0.21 U	0.2 U	1.3	2.9	1.3	4.8	0.41 JB	0.86 JB	1.3	3.2
Calcium	9650	15300	8380	73600	6020	44300	10000	7150	11500	9520	6650	53600
Chromium	104	64.1 JK (49.7 AC)	54.5 JK (42.2 AC)	72.8 JK (56.4 AC)	309	68.7	82.5	51.5	91.7	55.1	54.4	74.3
Cobalt	19.5	27.8	19.3	16.5	19.1	23.7	20.1	17.7	13.5	22.4	14.4	40.6
Copper	357	219	91.8	78.6	159	674	147	171	97.5	123	148	909
Iron	45600	48700	36500	35800	45300	63300	40600	39800	26500	48800	33500	69400
Lead	107 JH	45.2 JK (31.4 AC)	26.3 JK (18.3 AC)	11.2 JK (7.78 AC)	41.5 JH (28.8 AC)	16.3 JH (11.3 AC)	26.5 JH (18.4 AC)	33.8 JH (23.5 AC)	21.3 JH (14.8 AC)	19.8 JH (13.8 AC)	41.4 JH (28.8 AC)	71.3 JH (49.5 AC)
Magnesium	15200	18000	11900	12500	20800	15700	17500	14200	17100	16800	12300	17100
Manganese	1070 JL (1327 AC)	1800	1050	2850	1240 JL	1610 JL	1380 JL	1120 JL	889 JL	1460 JL	941 JL	2030
Mercury	0.06 JB SQL= 0.13 U	0.19	0.22	0.35	0.1 JB	0.1	0.11	0.1	0.08 JB	0.27	0.09	0.08 JB
Nickel	88.6 JK (120 AC)	77.6	52.8	68.5	218 JK (161 AC)	56.4 JK (41.8 AC)	82.3 JK (61.0 AC)	46.4 JK (34.4 AC)	48.5 JK (35.9 AC)	56.2 JK (41.6 AC)	52.2 JK (38.7 AC)	67.3
Potassium	964 JB	1040	1120	1320	383 JB	1210	554 JB	555 JB	264 JB	727 JB		
Selenium	0.44 JB SQL= 1 U	0.83 U	1.3	0.4 U	0.88 JB	0.89 JB	0.82 JB	1	0.4 UJK (0.2 UAC)	0.91 JB	0.66 JB	0.39 U
Silver	0.4 JB SQL= 2 U	0.2 U	0.21 U	0.2 U	0.25 JB	0.34 JB	0.22 U	0.26 JB	0.2 U	0.28 JB	0.27 JB	0.25 JB
Sodium	518 JB	536 JB	423 JB	2140 JH	445 JB	678 JB	396 JB	410 JB	443 JB	470 JB	417 JB	758 JB
Thallium	2.7	2.1	1.2 JB	0.6 U	2.3	2.4	1.2 JB	2	1.4 JB	1.8 JB	2.9 U	0.78 U
Vanadium	59.1	82.9	63.4	59	44.5	72	63.3	58	48.4	80.4	47.9	73.2
Zinc	1350 JL (2025 AC)	520	782	334	942 JL	964 JL	537 JL	552 JL	377 JL	434 JL	692 JL	1910

Key is on the next page.

Note: Bold text indicates sample concentrations above detection li
Underlined text indicates sample result is significant as defined in Section 5.

Key:

AC = Adjusted concentration.
B = Associated sample result is greater than the instrument detection unit but less than the sample quatitation limit.
bgs = Below ground surface.
BHC = Benzenehexachloride.
EPA = United States Environmental Protection Agency.
H = High bias.
ID = Identification.
J = The analyte was positively identified. The associated numerical value is an estimate.
K = Unknown bias.
L = Low bias.
µg/kg = Micrograms per kilogram.
mg/kg = Milligrams per kilogram.
N = There is evidence the analyte is present in this sample.
NA = Not analyzed.
ng/kg = Nanograms per kilogram.
PCDD = Polychlorinated dibenzo-p-dioxin.
PCDF = Polychlorinated dibenzofuran.
Pest/PCBs = Pesticides/polychlorinated biphenyls.
Q = This result is estimated because the concentatrion is below the Contract-Required Quantitation Limits (CRQLS).
R = Rejected.
SQL = Sample quantitation limit.
SVOCs = Semivolatile organic compounds.
TEQ = Toxicity Equivalent Quotient.
U = The analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.

Table 6-2

SUBSURFACE SOIL ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294044	00294013	00294017	00294018	00294021	00294023	00294025	00294027	00294030	00294032	00294034	00294035	00294039	00294041	00294047	00294048	00294051	00294053	00294055	00294057
Location ID Number	SB09	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06S	SB06	SB07	SB08	SB10	SB10	SB11	SB11	SB12	SB12
Depth (feet bgs)	4-6.5	11.5-14	9-11.5	14-16.5	6.5-9	13-15.5	9-11.5	11.5-14	6.5-9	11.5-14	4-6.5	6.5-9	6.5-7	6.5-9	9-11.5	11.5-14	9-11.5	11.5-14	9-11.5	11.5-14
Description	Background	North Yard Source															Central Area Source			
SVOCs (µg/kg)																				
2-Chlorophenol	45 JQ SQL= 390 U	410 U	840 U	400 U	1400 U	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
2-Methylnaphthalene	390 U	410 U	99 JQ	400 U	1400 U	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
4-Chloro-3-methylphenol	43 JQ SQL= 390 U	410 U	840 U	400 U	1400 U	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
4-Methylphenol	390 U	410 U	130 JQ	400 U	430 JQ	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Acenaphthene	390 U	410 U	110 JQ	400 U	1400 U	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Acenaphthylene	390 U	410 U	840 U	400 U	1400 U	400 U	100 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Acetophenone	390 U	410 U	840 U	400 U	450 JQ	43 JQ	140 JQ	410 U	380 U	390 U	400 U	390 U	110 J	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Anthracene	390 U	410 U	150 JQ	400 U	1400 U	400 U	220 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Benzaldehyde	390 U	410 U	840 U	400 U	170 JQ	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Benzo(a)anthracene	390 U	410 U	110 JQ	400 U	1400 UJK (140 UAC)	400 U	670 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	110 JQ	400 U	500 U	420 U
Benzo(a)pyrene	390 U	410 U	110 JQ	400 U	R	400 U	670 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	160 JQ	400 U	500 U	420 U
Benzo(b)fluoranthene	390 U	410 U	160 JQ	400 U	200 JQ	400 U	770 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	160 JQ	400 U	500 U	420 U
Benzo(g,h,i)perylene	390 U	410 U	R	400 U	R	400 U	280 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Benzo(k)fluoranthene	390 U	410 U	86 JQ	400 U	R	400 U	250 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	77 JQ	400 U	500 U	420 U
Carbazole	390 U	410 U	90 JQ	400 U	1400 U	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Chrysene	390 U	410 U	160 JQ	400 U	170 JQ	400 U	720 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	160 JQ	400 U	500 U	420 U
Di-n-octylphthalate	390 U	410 U	R	400 U	R	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	1000 JH	400 U	500 U	420 U
Dibenzofuran	390 U	410 U	190 JQ	400 U	1400 U	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Fluoranthene	390 U	410 U	320 JQ	400 U	300 JQ	400 U	1700	410 U	49 JQ	390 U	400 U	390 U	84 JQ	390 U	84 JQ	390 U	150 JQ	400 U	500 U	420 U
Fluorene	390 U	410 U	270 JQ	400 U	1400 U	400 U	120 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Indeno(1,2,3-cd)pyrene	390 U	410 U	R	400 U	R	400 U	290 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Naphthalene	390 U	410 U	140 JQ	400 U	1400 U	400 U	90 JQ	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	400 U	500 U	420 U
Pentachlorophenol	990 U	1000 U	2100 U	1000 U	320 JQ	1000 U	2100 U	1000 U	950 U	970 U	1000 U	990 U	1000 U	980 U	1800 U	980 U	1200 U	1000 U	1300 U	1100 U
Phenanthrene	390 U	410 U	860	400 U	200 JQ	400 U	1400	410 U	43 JQ	390 U	400 U	390 U	64 JQ	390 U	730 U	390 U	160 JQ	400 U	500 U	420 U
Phenol	390 U	410 U	840 U	400 U	1400 U	400 U	830 U	410 U	380 U	390 U	400 U	390 U	410 U	390 U	730 U	390 U	490 U	50 JQ	500 JQ	420 U
Pyrene	390 U	410 U	590 JQ	400 U	330 JQ	400 U	1900	410 U	57 JQ	390 U	400 U	390 U	92 JQ	390 U	95 JQ	390 U	250 JQ	400 U	63 JQ	420 U
Pest/PCBs (µg/kg)																				
Aroclor-1254	39 U	41 U	110	40 U	140 U	39 U	82 UJK (8.2 UAC)	41 U	43	39 U	40 U	40 U	41 U	39 U	73 U	39 U	49 U	41 U	49 U	43 U
PCDD/PCDFs (ng/kg)																				
TEQ	0.0013	NA	3.47	NA	4.232	NA	0.00059	.000235	0.092	0.0067	0.006	NA	1.1206	0.0003	NA	NA	NA	NA	NA	NA
TAL Inorganics (mg/kg)																				
Antimony Method B = 32.0	0.87 JB SQL= 13.5 U	0.97 JB	24.9 JB	1.2 JB	37.6 JB	1.6 JB	3.3 JB	1.1 JB	0.68 JB	1.1 JB	0.43 U	1.6 JB	2 JB	1.7 JB	101	1.5 JB	165	0.49 UJK	18.7 JL	0.52 UJK (0.26 UAC)
Arsenic Method A = 20.0	4.3	4.8	18.4	4.1	22.8	7	4.2 JB	8.2	5.5	7.1	2.3	6	5.9	7.7	35.6	5.4	23.5	5.5	8.9	6.3
Barium Method B= 5600	86.4	42.2 JB	172 JB	96.6	26 JB	81.6	32.9 JB	125	47.4	86.2	37.8 JB	110	54.2	100	91.2 JB	115	96.1	94.3	231	106
Beryllium Method B= 0.23	0.35 JB SQL= 1.13 U	0.36 JB	0.44 U	0.62 JB	0.78 U	0.6 JB	0.43 U	0.44 JB	0.22 U	0.25 JB	0.21 U	0.33 JB	0.24 U	0.34 JB	0.48 U	0.37 JB	0.38 U	0.25 U	0.22 U	0.26 U
Cadmium	0.61 JB SQL= 1.13 U	0.23 U	0.44 U	0.23 U	4	0.23 U	0.87 U	0.54 JB	0.45 U	0.6 JB	0.43 U	0.47 U	0.81 JB	0.47 U	5.9	0.47 U	1.2 JB	0.62 JB	1.5	0.86 JB
Calcium	4280	17200	2340	5960	4150	5580	12200	5200	4190	3880	2270	4730	25900	3910	6520	4670	70400	5800	80100	13000
Chromium Method A = 100	35	26.6 JK (20.6 AC)	2.6 JB	44.9 JK (34.8 AC)	47.2 JK (36.6 AC)	40.2 JK (31.2 AC)	12	44.2	31	34.7	25.3	43.6	45.5	41.9	25.8	41.4	33.8	41.1	20.6	37.3
Cobalt	11.7	8.8 JB	13.1 JB	13.9	14 JB	14.4	2.6 JB	16.3	12.5	12.1	8.5 JB	14.8	6.2 JB	13.6	10.3 JB	14.5	12.6 JB	20.4	12.9	19.8
Copper Method B= 2960	30.7	25.6	329	42.9	1330	41.9	43.6	52.7	27.1	34.9	19	44.6	144	43.1	453	35.1	177	45.4	88.7	49.3
Iron	24700	19300	557000	33700	47700	33000	11900	35400	16500	28300	13100	28900	15100	31600	109000	31600	143000	31200	41200	30700

Key is at the end of the table.

Table 6-2 (CONTINUED)

SUBSURFACE SOIL ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294044	00294013	00294017	00294018	00294021	00294023	00294025	00294027	00294030	00294032	00294034	00294035	00294039	00294041	00294047	00294048	00294051	00294053	00294055	00294057
Location ID Number	SB09	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06S	SB06	SB07	SB08	SB10	SB10	SB11	SB11	SB12	SB12
Depth (feet bgs)	4-6.5	11.5-14	9-11.5	14-16.5	6.5-9	13-15.5	9-11.5	11.5-14	6.5-9	11.5-14	4-6.5	6.5-9	6.5-7	6.5-9	9-11.5	11.5-14	9-11.5	11.5-14	9-11.5	11.5-14
Description	Background	North Yard Source															Central Area Source			
TAL Inorganics (mg/kg)																				
Lead	3.9 JH	4.1 JK (2.8 AC)	115 JK (79.9 AC)	3.9 JK (2.7 AC)	1450 JK (1007 AC)	6.9 JK (4.8 AC)	63.2 JH (43.9 AC)	5.2 JH (3.6 AC)	17.5 JH (12.2 AC)	3.4 JH (2.4 AC)	1.7 JH (1.2 AC)	4.5 JH (3.1 AC)	354 JH (246 AC)	3.7 JH (2.55 AC)	3250 JH (2257 AC)	5.8 JH (4.0 AC)	1210 JH (840 AC)	11.4 JH (7.92 AC)	268 JH (186 AC)	53.9 JH (37.4 AC)
Magnesium	7040	7360	2060 JB	11800	1350 JB	12400	3930	11700	6510	9020	5440	9400	5080	9010	5250	10400	13100	11100	19900	11000
Manganese	424 JL (526 AC)	370	833	424	176	443	223 JL	497 JL	434 JL	332 JL	286 JL	865 JL	279 JL	427 JL	633 JL	358 JL	639 JL	440	448	571
Mercury	0.05 U	0.08 JB	0.72	0.1 JB	1.3	0.08 JB	0.09 U	0.09 JB	0.14	0.05 U	0.05 U	0.07 JB	0.59	0.07 JB	1	0.09 JB	0.09 JB	0.08 JB	0.05 U	0.07 JB
Nickel	36.9 JK (49.8 AC)	38.4	34.8	54.3	57.1	54.4	8.9 JB	49.7 JK (36.8 AC)	74.8 JK (55.4 AC)	41.9 JK (31.0 AC)	70.3 JK (52.1 AC)	49.3 JK (36.5 AC)	36.9 JK (27.3 AC)	42.1 JK (31.2 AC)	44 JK (33 AC)	53.1 JK (39.3 AC)	31.1 JK (23.0 AC)	48.1	25.9	43.3
Potassium	1150	1230	812 JB	3050	368 JB	2940	928 JB	3840	619 JB	2670	341 JB	2860	542 JB	2830	999 JB	3530	559 JB	3010	1720	2330
Selenium	0.45 UJK (1.1 UAC)	0.46 U	6.3	0.63 JB	2.7 JB	0.98 JB	0.87 UJK (0.36 UAC)	0.48 UJK (0.20 UAC)	0.45 UJK (0.19 UAC)	0.46 UJK (0.19 UAC)	0.43 UJK (0.18 UAC)	0.47 UJK (0.20 UAC)	0.47 UJK (0.20 UAC)	0.47 UJK	1.5 JB	0.47 UJK (0.20 UAC)	2.9	0.49 U	0.44 U	0.52 U
Silver	0.23 U	0.23 U	0.77 JB	0.23 U	0.78 U	0.23 U	0.43 U	0.34 JB	0.22 U	0.23 U	0.21 U	0.24 U	0.24 U	0.24 U	0.48 U	0.23 U	0.45 JB	0.25 U	0.22 U	0.26 U
Sodium	572 JB	1000 JB	8260 JH	3060 JH	4440 JH	3060 JH	3260 JH	3120 JH	573 JB	2930 JH	433 JB	2650 JH	877 JB	2670 JH	2950 JH	2770 JH	1830 JB	1810 JH	11900 JH	2160 JH
Thallium	1 JB SQL= 1 U	0.9 JB	50.5	2.5	2.3 U	2.4	1.3 U	2.1 JB	2 JB	1.6 JB	1.4 JB	1.6 JB	1.1 JB	2.5	8.5	1.7 JB	11.1	0.99 U	0.88 U	1 U
Vanadium	51.4	39.4	7.2 JB	69.9	35.1 JB	68.1	14.9 JB	81.8	32.7	59.3	25.7	65.8	26.8	71.8	30.5	62.5	41.4	61.7	28.5	58.7
Zinc	50 JL (75 AC)	65.7	69.2	75.5	246	76.4	97.4 JL	79.8 JL	44.9 JL	62.1 JL	29.9 JL	74.2 JL	1670 JL	57.2 JL	799 JL	69.8 JL	348 JL	76.3	114	205

Note: Bold text indicates sample concentrations above detection limits.
Underlined text indicates sample result is significant as defined in Section 5.

Key:

AC = Adjusted concentration.
B = Associated sample result is greater than the instrument detection unit but less than the sample quatitation limit.
bgs = Below ground surface.
EPA = United States Environmental Protection Agency.
H = High bias.
ID = Identification.
J = The analyte was positively identified. The associated numerical value is an estimate.
K = Unknown bias.
L = Low bias.
µg/kg = Micrograms per kilogram.
mg/kg = Milligrams per kilogram.
NA = Not analyzed.
ng/kg = Nanograms per kilogram.
PCDD = Polychlorinated dibenzo-p-dioxin.
PCDF = Polychlorinated dibenzofuran.
Pest/PBCs = Pesticides/polychlorinated biphenyls.
Q = This result is estimated because the concentatrion is below the Contract-Required Quantitation Limits (CRQLS).
R = Rejected.
SQL = Sample quantitation limit.
SVOCs = Semivolatile organic compounds.
TEQ = Toxicity Equivalent Quotient.
U = The analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.

Table 6-3

SUBSURFACE SOIL ANALYTICAL RESULTS SUMMARY–PETROLEUM HYDROCARBONS
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294044	00294013	00294017	00294018	00294021	00294023	00294025	00294027	00294030	00294032	00294034	00294035	00294039	00294041	00294047	00294048
Location ID Number	SB09	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06S	SB06	SB07	SB08	SB10	SB10
Depth (feet bgs)	4-6.5	11.5-14	9-11.5	14-16.5	6.5-9	13-15.5	9-11.5	11.5-14	6.5-9	11.5-14	4-6.5	6.5-9	6.5-7	6.5-9	9-11.5	11.5-14
Description	Background	North Yard Source														
EPHs (mg/kg)																
Aliphatic C12-C16	5.7 U	NA	12	NA	18 U	NA	17 U	NA	5.6 U	6 U	5.8 U	6 U	5.8 U	6 U	8.6 U	NA
Aliphatic C18-C21	5.7 U	NA	110	NA	430	NA	17 U	NA	5.6 U	6 U	5.8 U	6 U	5.8 U	6 U	39	NA
Aliphatic C21-C28	5.7 U	NA	140	NA	150	NA	48	NA	26	6 U	7.6	6 U	11	6 U	120	NA
Aliphatic C28-C36	6.5 J	NA	160	NA	220	NA	54	NA	55	6 U	5.8 U	6 U	14 J	6 U	150 J	NA
Aromatic C12-C16	5.7 U	NA	15 J	NA	21 J	NA	17 U	NA	5.6 U	6 U	5.8 U	6 U	5.8 U	6 U	8.6 U	NA
Aromatic C16-C18	5.7 U	NA	18 J	NA	27 J	NA	18 J	NA	5.6 U	6 U	5.8 U	6 U	5.8 U	6 U	19 J	NA
Aromatic C18-C21	5.7 J	NA	78 J	NA	160 J	NA	41 J	NA	7 J	6 U	6.6 J	6 U	6.5 J	6 U	46 J	NA
Aromatic C21-C28	14 J	NA	100 J	NA	120 J	NA	83 J	NA	24 J	9.6 J	13 J	10 J	14 J	8.5 J	92 J	NA
Aromatic C28-C36	18 J	NA	70 J	NA	88 J	NA	65 J	NA	22 J	9.8 J	10 J	9.7 J	14 J	10 J	61 J	NA
Total Alipatic	6.5 J	NA	430	NA	790	NA	100	NA	81	U	7.6	U	25 J	U	320 J	NA
Total Aromatic	37 J	NA	280 J	NA	420 J	NA	210 J	NA	54 J	19 J	30 J	20 J	35 J	19 J	220 J	NA

Note: Bold text indicates sample concentrations above detection limits.

Key:

bgs = Below ground surface.
EPA = United States Environmental Protection Agency.
EPHs = Extractable petroleum hydrocarbons.
ID = Identification.
J = The analyte was positively identified. The associated numerical value is an estimate.
mg/kg = Milligrams per kilogram.
NA = Not analyzed.
U = The analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.

Table 6-4

GROUNDWATER ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294049	00294015	00294019	00294022	00294028	00294031	00294036	00294040	00294043	00294052	00294056
Location ID Number	SB10	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB11	SB12
Depth (feet bgs)	14	16	14	11	14	14	9	6.5	8	11.5	11.5
Description	Background	North Yard Source								Central Area Source	
SVOCs (µg/L)											
1,1'-Biphenyl	10 U	10 U	10 UJK (1 UAC)	20 U	10 U	10 UJK (1 UAC)	10 UJK (1 UAC)	10 UJK (1 UAC)	**2 JQ**	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	20 U	10 U	10 U	10 U	**1 JQ**	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	**2 JQ**	10 U	10 U	10 U	10 U	**37**	10 U	10 U
2-Methylnaphthalene	10 U	10 U	**1 JQ**	**3 JQ**	10 U	**1 JQ**	10 UJK (1 UAC)	10 UJK (1 UAC)	**23**	**2 JQ**	10 U
2-Methylphenol	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	**2 JQ**	10 U	10 U
4-Methylphenol	10 U	**2 JQ**	**8 JQ**	**11 JQ**	**10**	**3 JQ**	10 U	**14**	**2 JQ**	10 U	10 U
Acenaphthene	10 U	10 U	10 UJK (2.8 UAC)	20 U	10 U	**4 JQ**	10 UJK (2.8 UAC)	10 UJK (2.7 UAC)	**60**	10 U	10 U
Acenaphthylene	10 U	10 U	10 UJK (1 UAC)	**2 JQ**	10 U	10 UJK (1 UAC)	10 UJK (1 UAC)	10 UJK (1 UAC)	10 U	10 U	10 U
Anthracene	10 U	10 U	**4 JQ**	**6 JQ**	10 U	**2 JQ**	10 UJK (1 UAC)	10 UJK (1 UAC)	**2 JQ**	10 U	10 U
Benzo(a)anthracene	10 U	10 U	**4 JQ**	**6 JQ**	10 U	**4 JQ**	**1 JQ**	10 UJK (1 UAC)	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	**5 JQ**	**5 JQ**	10 U	**4 JQ**	10 UJK (1 UAC)	10 UJK (1 UAC)	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	**5 JQ**	**6 JQ**	10 U	**7 JQ**	**1 JQ**	10 UJK (1 UAC)	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	**2 JQ**	**2 JQ**	10 U	**3 JQ**	10 UJK (1 UAC)	10 UJK (1 UAC)	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	R	20 U	10 U	**10 JQ**	**10 JQ**	**4 JQ**	10 U	10 U	10 U
Caprolactam	10 U	10 U	10 UJK (1 UAC)	20 U	10 U	10 UJK (1 UAC)	**1 JQ**	10 UJK (1 UAC)	**1 JQ**	10 U	10 U
Carbazole	10 U	10 U	**1 JQ**	**4 JQ**	10 U	**2 JQ**	10 UJK (1 UAC)	10 UJK (1 UAC)	**12**	10 U	10 U
Chrysene	10 U	10 U	**5 JQ**	**6 JQ**	10 U	**6 JQ**	**1 JQ**	10 UJK (1 UAC)	10 U	10 U	10 U

Key is at the end of the table.

Table 6-4 (CONTINUED)

GROUNDWATER ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294049	00294015	00294019	00294022	00294028	00294031	00294036	00294040	00294043	00294052	00294056
Location ID Number	SB10	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB11	SB12
Depth (feet bgs)	14	16	14	11	14	14	9	6.5	8	11.5	11.5
Description	Background	North Yard Source								Central Area Source	
SVOCs (µg/L)											
Dibenzofuran	10 U	10 U	2 JQ	4 JQ	10 U	2 JQ	10 UJK (1 UAC)	10 UJK (1 UAC)	32	10 U	10 U
Fluoranthene	10 U	10 U	7 JQ	10 JQ	2 JQ	8 JQ	2 JQ	1 JQ	3 JQ	10 U	10 U
Fluorene	10 U	10 U	3 JQ	5 JQ	10 U	3 JQ	10 UJK (1 UAC)	10 UJK (1 UAC)	39	1 JQ	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	R	20 U	10 U	1 JQ	10 UJK (1 UAC)	10 UJK (1 UAC)	10 U	10 U	10 U
Naphthalene	10 U	10 U	4 JQ	8 JQ	3 JQ	6 JQ	10 UJK (1 UAC)	1 JQ	290	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U	40 U	25 U	25 U	25 U	5 JQ	25 U	25 U	25 U
Phenanthrene	10 U	10 U	16 JL	22	2 JQ	6 JQ	2 JQ	1 JQ	25	3 JQ	10 U
Phenol	10 U	10 U	2 JQ	20 U	10 JQ	10 U	10 U	26	10 U	10 U	10 U
Pyrene	10 U	10 U	20 JK (3.5 AC)	13 JQ	2 JQ	12 JK (2.1 AC)	1 JQ	2 JQ	1 JQ	10 U	1 JQ
TAL Inorganics (µg/L)											
Aluminum	42200	46300	87200	47900	251000	NA	1770000	321000	349000	117000	105000
Antimony	25.5 JB SQL= 60 U	14.4 JB	136	377	33.4 JB	NA	61.9	32.9 JB	17.8 JB	279	212
Arsenic	18 JH	27.2 JH (20.1 AC)	69.2 JH (51.2 AC)	67.0 JH (49.6 AC)	123 JH (91.1 AC)	NA	427 JH (316 AC)	120 JH (88.9 AC)	85.5 JH (63.3 AC)	134 JH (99.3 AC)	228 JH (169 AC)
Barium	356	535	763	484	1510	NA	8400	2090	3110	1080	2930
Beryllium	1 JB SQL= 5 U	1.3 JB	2.7 JB	2.1 JB	4.2 JB	NA	19.5	4.4 JB	7.8	2 JB	1.9 JB
Cadmium	7.5	4.7 JB	32.1	14.0	21.6	NA	44.5	14.7	13.6	11.9	20.2
Calcium	130000	126000	242000	80500	331000	NA	410000	341000	181000	264000	1430000
Chromium	98.6 JH	195 JH (150 AC)	193 JH (148 AC)	175 JH (135 AC)	523 JH (402 AC)	NA	3230 JH (2485 AC)	868 JH (668 AC)	665 JH (512 AC)	359 JH (276 AC)	295 JH (227 AC)
Cobalt	28.5 JB SQL= 50 U	35.1 JB	57.7	34.6 JB	170	NA	885	277	512	115	103

Key is at the end of the table.

Table 6-4 (CONTINUED)

GROUNDWATER ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294049	00294015	00294019	00294022	00294028	00294031	00294036	00294040	00294043	00294052	00294056
Location ID Number	SB10	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB11	SB12
Depth (feet bgs)	14	16	14	11	14	14	9	6.5	8	11.5	11.5
Description	Background	North Yard Source								Central Area Source	
TAL Inorganics (µg/L)											
Copper	266 JH	1980 JH (1584 AC)	12000 JH (9600 AC)	6050 JH (4840 AC)	1150 JH (920 AC)	NA	3120 JH (2496 AC)	1830 JH (1464 AC)	1530 JH (1224 AC)	1010 JH (808 AC)	2190 JH (1752 AC)
Iron	119000 JK	96100 JK	120000 JK	285000 JK	566000 JK	NA	1810000 JK	508000 JK	485000 JK	412000 JK	715000 JK
Lead	1280	994	7770	13400	977	NA	2760	922	286	3390	3960
Magnesium	56700	165000	481000	231000	218000	NA	367000	153000	173000	196000	352000
Manganese	1300 JH	4460 JH (3484 AC)	6850 JH (5352 AC)	3590 JH (2805 AC)	7390 JH (5773 AC)	NA	41100 JK (32100 AC)	10900 JH (8520 AC)	35500 JK (27700 AC)	5580 JH (4359 AC)	9050 JH (7070 AC)
Mercury	0.31 JL (0.465 AC)	0.65 JL	3.5 JL	1.8 JL	0.1 UJK (0.07 UAC)	NA	1.6 JL	3.9 JL	0.7 JL	0.59 JL	0.26 JL
Nickel	118	176	223	194	591	NA	7060	1630	1310	361	420
Potassium	32000	76100	43200	80400	92700	NA	64800	38300	45300	39200	29700
Selenium	2 U	2 U	2 U	2 U	5 JB	NA	2 U	3.7 JB	3.6 JB	5.2 JH (3.7 AC)	2 U
Silver	1 U	1.2 JB	5.7 JB	1.8 JB	2 JB	NA	4 JB	1.7 JB	1 U	2.8 U	3.7 U
Sodium	302000	1170000	4210000	1620000	693000 JB	NA	186000	378000	139000	223000	218000
Thallium	8.2 JB SQL= 10 U	3 UJK (2.2 UAC)	3 UJK (2.2 UAC)	8.1 JB	9 JB	NA	3 UJK (2.2 UAC)	6.4 JB	3.5 JB	18.5 JL	12.4 JL
Vanadium	118	317	157	71.1	797	NA	3060	840	1080	419	481
Zinc	1560 JH	392 JH (304 AC)	2040 JH (1581 AC)	1300 JH (1008 AC)	2370 JH (1837 AC)	NA	4120 JH (3194 AC)	2020 JH (1566 AC)	1370 JH (1062 AC)	1630 JH (1260 AC)	2600 JH (2016 AC)
Pest/PCBs (µg/L)											
Aroclor-1254	1 U	1 U	1 U	1 U	1.3 JL	6.1 JL	1.2 JL	1 U	1 UJK (0.1 UAC)	1 U	1 U

Key is on the next page.

Note: Bold text indicates sample concentrations above detection limits.
Underlined text indicates sample result is significant as defined in Section 5.

Table 6-5

GROUNDWATER ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00294049	00294015	00294019	00294022	00294028	00294031	00294036	00294040	00294043	00294052	00294056
Location ID Number	SB10	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB11	SB12
Depth (feet bgs)	14	16	14	11	14	14	9	6.5	8	11.5	11.5
Description	Background	North Yard Source								Central Area Source	
EPHs (mg/L)											
Aliphatic C12-C16	.05 U	.05 U	.05 U	0.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	**0.066**	.05 U
Aliphatic C16-C18	.05 U	.05 U	.05 U	NA	.05 U	.05 U	.05 U	.05 U	.05 U	**0.17**	.05 U
Aliphatic C18-C21	.05 U	.05 U	**0.46**	0.20 U	.05 U	.05 U	.05 U	.05 U	.05 U	**0.45**	.05 U
Aliphatic C21-C28	.05 U	**0.063**	**0.86**	**0.56**	.05 U	.05 U	**0.07**	**0.14**	.05 U	**0.62**	.05 U
Aliphatic C28-C36	.05 U	**.052 J**	**1.1 J**	**0.72 J**	.05 UJK	.05 UJK	**.05 J**	**0.16**	.05 U	**0.23**	.05 U
Aromatic C10-C12	.05 U	.05 U	.05 U	0.05 U	.05 U	.05 U	.05 U	.05 U	**.11 J**	.05 U	.05 U
Aromatic C12-C16	.05 U	.05 U	.05 U	0.05 U	.05 U	.05 U	.05 U	.05 U	**.15 J**	**.06 J**	.05 U
Aromatic C16-C18	.05 U	.05 U	**.056 J**	**0.053 J**	.05 U	.05 U	.05 U	.05 U	**.11 J**	**.14 J**	.05 U
Aromatic C18-C21	**.052 J**	.05 U	**.21 J**	**0.14 J**	.05 U	.05 U	**.051 J**	.051 U	**.053 J**	**.27 J**	**.05 J**
Aromatic C21-C28	.08 U	**.085 J**	**.42 J**	**0.29 J**	.08 U	**.082 J**	**.095 J**	**.096 J**	.08 U	**.3 J**	**.094 J**
Aromatic C28-C36	.08 U	.08 U	**.29 J**	**0.20 J**	.08 U	**.081 J**	.08 U	**0.082**	.08 U	**0.12**	**0.093**
Total Aliphatic	U	**.11 J**	**2.4 J**	**1.5 J**	U	U	**0.07**	**0.31**	U	**1.5**	U
Total Aromatic	**.13 J**	**.085 J**	**.98 J**	**0.68 J**	U	**.16 J**	**.15 J**	**.18 J**	**.42 J**	**.89 J**	**.24 J**

Note: Bold text indicates sample concentrations above detection limits.

Key:

bgs = Below ground surface.
EPA = United States Environmental Protection Agency.
ID = Identification.
J = The analyte was positively identified. The associated numerical value is an estimate.
K = Unknown bias.
mg/L = Milligrams per liter.
U = The analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.

Table 7-3

INTERTIDAL SEDIMENT ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00304060	00294000	00294001	00294002	00294003	00294004	00294005	00294006	00294007	00294008	00294009	00294010	00294011
Location ID Number	BG02	IS01	IS02	IS03	IS04	IS05	IS06	IS07	IS08	IS09	IS10	IS11	IS12
Depth (feet bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Description	Background	Release											
SVOCs (µg/kg)													
2-Methylnaphthalene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	130 JQ	480 U	410 U	450 U
4-Methylphenol	410 U	570 U	410 U	560 U	140 JQ	420 U	420 U	370 U	380 U	57 JQ	480 U	410 U	450 U
Acenaphthene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	530 U	480 U	410 U	89 JQ
Acenaphthylene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	63 JQ	480 U	410 U	450 U
Acetophenone	410 U	570 U	410 U	560 U	74 JQ	420 U	52 JQ	370 U	47 JQ	97 JQ	480 U	410 U	450 U
Anthracene	410 U	570 U	410 U	560 U	50 JQ	420 U	420 U	370 U	380 U	150 JQ	480 U	410 U	210 JQ
Benzaldehyde	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	91 JQ	480 U	410 U	450 U
Benzo(a)anthracene	410 U	570 U	410 U	63 JQ	69 JQ	420 U	55 JQ	370 U	380 U	320 JQ	130 JQ	410 U	300 JQ
Benzo(a)pyrene	410 U	570 U	410 U	560 U	62 JQ	420 U	420 U	370 U	380 U	320 JQ	110 JQ	410 U	190 JQ
Benzo(b)fluoranthene	410 U	570 U	410 U	90 JQ	73 JQ	420 U	64 JQ	370 U	380 U	410 JQ	150 JQ	410 U	270 JQ
Benzo(g,h,i)perylene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	120 JQ	480 U	410 U	56 JQ
Benzo(k)fluoranthene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	160 JQ	60 JQ	410 U	94 JQ
bis(2-ethylhexyl)phthalate	410 U	570 U	410 U	560 U	460 U	1300	420 U	370 U	380 U	530 U	530 U	410 U	450 U
Carbazole	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	73 JQ	480 U	410 U	76 JQ
Chrysene	410 U	77 JQ	410 U	130 JQ	75 JQ	420 U	75 JQ	370 U	380 U	460 JQ	170 JQ	410 U	310 JQ
Dibenzofuran	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	110 JQ	480 U	410 U	52 JQ
Dimethylphthalate	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	160 JQ	480 U	410 U	450 U
Di-n-butylphthalate	410 U	570 U	410 U	560 U	460 U	55 JQ	420 U	370 U	380 U	530 U	480 U	410 U	450 U
Fluoranthene	410 U	220 JQ	410 U	210 JQ	180 JQ	420 U	210 JQ	370 U	380 U	1000	300 JQ	410 U	730
Fluorene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	100 JQ	480 U	410 U	94 JQ
Indeno(1,2,3-cd)pyrene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	140 JQ	55 JQ	410 U	58 JQ
Naphthalene	410 U	570 U	410 U	560 U	460 U	420 U	420 U	370 U	380 U	160 JQ	480 U	410 U	120 JQ
Phenanthrene	410 U	88 JQ	410 U	76 JQ	130 JQ	420 U	150 JQ	370 U	380 U	1100	290 JQ	410 U	740
Phenol	410 U	570 U	410 U	560 U	2800	420 U	420 U	370 U	380 U	530 U	480 U	410 U	450 U
Pyrene	410 U	160 JQ	410 U	170 JQ	180 JQ	420 U	180 JQ	370 U	380 U	1100	350 JQ	410 U	700
Pest/PCBs (µg/kg)													
Aroclor-1254	41 U	58 U	41 U	56 U	46 U	42 U	42 U	36 U	38 U	53 U	480	41 U	96
PCDD/PCDFs (ng/kg)													
TEQ	.0408	NA	0.8	NA	0.257	NA	0.205	NA	0.321	NA	0.5807	NA	0.635

Key is at the end of the table.

Table 7-3 (CONTINUED)

INTERTIDAL SEDIMENT ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00304060	00294000	00294001	00294002	00294003	00294004	00294005	00294006	00294007	00294008	00294009	00294010	00294011
Location ID Number	BG02	IS01	IS02	IS03	IS04	IS05	IS06	IS07	IS08	IS09	IS10	IS11	IS12
Depth (feet bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Description	Background	Release											
Inorganics (mg/kg)													
Aluminum	5190	11000	20800	7750	8360	1300	13400	17300	15400	8050	9700	11100	11400
Antimony	1.2 U	0.65 U	9.3 JB	1.8 U	2.6 U	1.2 U	1.3 U	1.1 U	0.54 U	0.65 U	1.7 U	1.5 U	1.2 U
Arsenic	2.1 JB SQL= 2.1 U	4.9	28	10.3	9.5	4.6	4.1	6.2	4.8	4.1	5.7	4	4.4
Barium	13.8 JB SQL= 13.8 U	42.1 JB	169	64.8 JB	46	26.2 JB	58.1	24.7 JB	48 JB	38.3 JB	32.7 JB	36.9 JB	34.4 JB
Beryllium	0.05 U	0.33 U	0.57 JB	0.34 U	0.22 U	0.23 U	0.25 U	0.33 JB	0.33 JB	0.28 U	0.24 U	0.24 U	0.32 JB
Calcium	7320	82200	87600	207000	45700	12000	7020	14200	73700	17000	4190	17900	11100
Chromium	12.4	25.9 JK (20.1 AC)	49.1 JK (38.1 AC)	24.3 JK (18.8 AC)	17.6 JK (13.6 AC)	26.1 JK	26.9 JK (20.8 AC)	29.1 JK (22.6 AC)	32.4 JK (25.1 AC)	20.1 JK (15.6 AC)	78 JK (60 AC)	25 JK (19 AC)	27.2 JK (21.1 AC)
Cobalt	4.5 JB SQL= 4.5 U	7.2 JB	24.1	5.3 JB	6.2 JB	7.3 JB	7.4 JB	8.7 JB	10.1 JB	4.1 JB	5.9 JB	5.9 JB	8 JB
Copper	10.1	30.3	854	49.9	74.3	41.4	33.5	46.4	48.1	44.3	176	63.7	64
Iron	10200	19600	127000	14600	15700	23200	25000	32700	25700	14100	21200	23000	29300
Lead	3.5	6.3 JK (4.4 AC)	15.5 JK (10.8 AC)	13.4 JK (9.30 AC)	13.8 JK (9.58 AC)	10.0 JK (20.2 AC)	31.7 JK (22.0 AC)	6.9 JK (4.8 AC)	7.7 JK (5.3 AC)	39.6 JK (27.5 AC)	66.4 JH (46.1 AC)	47.6 JK (33.0 AC)	67.3 JK (46.7 AC)
Magnesium	3690	9030	14000	7320	6290	9540	8930	11100	11300	5820	6160	7890	7340
Manganese	136	303	1700	225	358	520	362	568	771	197	249	275	324
Mercury	0.06 UJK (0.11 UAC)	0.1 JB	0.08 JB	0.11 JB	0.07 JB	0.09 JB	0.12 JB	0.09 JB	0.14	0.2	0.19	0.1 JB	0.09 JB
Nickel	11.5	29.8	183	19.2	18	33.5	31.8	31.5	31.8	18	66.3	31.9	33
Potassium	728 JB	1940	1990	1660 JB	723 JB	743 JB	933 JB	830 JB	981 JB	1130 JB	979 JB	857 JB	941 JB
Selenium	0.95 UJK (2.3 UAC)	0.65 U	1.3	0.68 U	3.2	0.57 JB	1.1 JB	0.9 JB	1.1 JB	0.95 JB	0.82 JB	0.47 U	0.68 JB
Silver	0.61 JB SQL= 0.61 U	0.33 U	0.43 JB	0.34 U	0.22 U	0.23 U	0.25 U	0.21 U	0.25 U	0.28 U	4.5	0.24 U	0.24 U
Sodium	2840	9780 JH	3790 JH	10200 JH	4220 JH	3330 JH	4590 JH	2260 JH	5000 JH	5780 JH	4190 JH	3550 JH	2630 JH
Thallium	1.9 U	0.98 JB	6.9	1 U	0.67 U	1.9 JB	2 JB	2.1 JB	1.2 JB	0.84 U	1.4 JB	1.6 JB	2.6
Vanadium	18.9	35.7	77.2	27.6	25.9	43.4	44.2	53.2	48.2	29	31.1	41.6	39.2
Zinc	32.9	90.3	379	114	79.1	62.6	86.8	81.2	64.7	99.7	86.4	86.5	102

Key is on the next page.

Note: Bold type indicates sample concentrations above detection limits.
Underlined type indicates sample result is elevated as defined in Section 5.

Key:

AC	= Adjusted concentration.
B	= Associated sample result is greater than the instrument detection unit but less than the sample quatitation limit.
bgs	= Below ground surface.
EPA	= United States Environmental Protection Agency.
H	= High bias.
ID	= Identification.
J	= The analyte was positively identified. The associated numerical value is an estimate.
K	= Unknown bias.
µg/kg	= Micrograms per kilogram.
mg/kg	= Milligrams per kilogram.
NA	= Not analyzed.
PCDD	= Polychlorinated dibenzo-b-dioxin.
PCDF	= Polichlorinated dibenzofuran.
Pest/PCBs	= Pesticides/polychlorinated biphenyls.
Q	= This result is estimated because the concentatrion is below the Contract-Required Quantitation Limits (CRQLS).
SQL	= Sample quantitation limit.
SVOCs	= Semivolatile organic compounds.
TEQ	= Toxicity Equivalent Quotient.
U	= The analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.

Table 7-5

INTERTIDAL SEDIMENT ANALYTICAL RESULTS SUMMARY
MJB PROPERTIES
ANACORTES, WASHINGTON

EPA Sample Number	00304060	00294000	00294001	00294002	00294003	00294004	00294005	00294006	00294007	00294008	00294009	00294010	00294011
Location ID Number	BG02	IS01	IS02	IS03	IS04	IS05	IS06	IS07	IS08	IS09	IS10	IS11	IS12
Depth (feet bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Description	Background	Release											
EPHs (mg/kg)													
Aliphatic C21-C28	NA	NA	6.3 U	NA	6.6 U	NA	**15**	NA	6.4 U	NA	**9.9**	NA	**12**
Aliphatic C28-C36	NA	NA	6.3 U	NA	**7**	NA	**16**	NA	6.4 U	NA	**14 J**	NA	**13 J**
Aromatic C12-C16	NA	NA	6.3 U	NA	6.6 U	NA	6.5 U	NA	**8 J**	NA	6.6 U	NA	6.5 U
Aromatic C18-C21	NA	NA	6.3 U	NA	**6.8 J**	NA	**6.6 J**	NA	**6.9 J**	NA	**7.9 J**	NA	6.5 U
Aromatic C21-C28	NA	NA	**11 J**	NA	**13 J**	NA	**16 J**	NA	**14 J**	NA	**16 J**	NA	**14 J**
Aromatic C28-C36	NA	NA	**9.5 J**	NA	**14 J**	NA	**14 J**	NA	**13 J**	NA	**16 J**	NA	**13 J**
Total Aliphatic	NA	NA	37.8 U	NA	**7**	NA	**32**	NA	38.4 U	NA	**24 J**	NA	**25 J**
Total Aromatic	NA	NA	**20 J**	NA	**34 J**	NA	**36 J**	NA	**41 J**	NA	**39 J**	NA	**28 J**

Note: Bold type indicates sample concentrations above detection limits.

Key:

bgs = Below ground surface.
EPA = United States Environmental Protection Agency.
EPHs = Extractable petroleum hydrocarbons.
ID = Identification.
J = The analyte was positively identified. The associated numerical value is an estimate.
mg/kg = Milligrams per kilogram.
NA = Not analyzed.
U = The analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.