

Table 1
SUMMARY OF SHORELINE AND STOCKPILE ANALYTICAL RESULTS
Dunphy Park, Sausalito, California

CONSTITUENTS	UNITS	SHORELINE SOILS				STOCKPILE SOILS														
		B1-B4	B5-B8	B9-B12	B13-B16	A1	A2	A3	B1	B2	B3	C1	C2	C3	D1	D2	D3	E1	E2	E3
CAM 17 Metals																				
Antimony (Total)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58	ND	0.69	1.0	ND	0.89	0.51	ND	ND	ND
Arsenic (Total)	mg/kg	7.9	3.9	4.8	5.9	11	7.1	7.5	9.3	11	8.3	8.8	17	15.0	9.6	7.1	8.9	7.3	9	9.5
Barium	mg/kg	240	220	220	85	240	190	170	300	230	360	230	210	280.0	210	290	240	370	220	260
Beryllium	mg/kg	0.31	0.43	0.32	0.27	0.48 J	0.46	0.43 J	0.44 J	0.44	0.5	0.33 J	0.45	0.5	0.36 J	0.43	0.43	0.38 J	0.41 J	0.43 J
Cadmium	mg/kg	1	0.27	0.54	0.4	0.82	0.67	0.7	1.2	1	1.1	0.66	0.8	1.1	0.96	0.6	0.9	1.2	0.78	0.92
Chromium	mg/kg	32	29	31	26	43	34	38	36	39	43	29	39	43.0	30	32	38	30	32	34
Cobalt	mg/kg	9.1	8.9	9.1	7.5	12	11	11	12	11	14	9.2	12	13.0	9.3	16	12	11	10	11
Copper	mg/kg	180	29	43	42	53	42	41	85	50	94	78	42	81.0	65	44	100	110	88	59
Lead	mg/kg	380	36	240	100	120	65	110	310	520	300	180	100	260.0	260	84	200	910	230	280
Soluble (STLC)	mg/L	38	NT(2)	11	6.5	7.1	3.1	4.2	12	5.2	16	4.4	3.5	16	12	11	14	20	12	18
Soluble (TCLP)	mg/L	1.5	NT(3)	0.87	0.23	0.066	NT(3)	0.18	0.096	0.11	0.3	0.093	0.095	0.13	0.28	NT(3)	0.16	0.43	0.092	0.061
Mercury	mg/kg	0.12	ND	0.13	0.065	0.21	0.21	0.2	0.47	0.36	0.58	0.16	0.91	0.7	0.22	0.3	0.67	0.22	0.63	0.46
Molybdenum	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	mg/kg	35	28	31	31	44	36	45	49	44	45	30	42	48.0	31	43	41	32	39	41
Selenium	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	1.7	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	mg/kg	0.35	ND	0.22	0.13	ND	ND	0.10 J	0.22 J	0.5	0.68	0.22 J	0.33	0.5	0.31	0.58	0.53	0.42 J	0.14 J	0.24 J
Thallium	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	41	34	34	30	48	47	42	46	47	55	35	48	46.0	37	72	50	35	37	39
Zinc	mg/kg	560	67	250	150	150	140	200	480	230	370	220	150	360.0	360	170	250	1400	230	300
Organochlorine Pesticides (Method 8081A)																				
4,4'-DDD	mg/kg	7.2E-04	ND	ND	1.3E-03	ND	0.0077 J	0.00073 J	0.0033 J	0.0095 J	ND	0.0013 J	0.0025 J	ND	0.0030 J	0.0010 J	0.0033	0.0077	ND	0.011 J
4,4'-DDE	mg/kg	ND	ND	ND	1.2E-03	ND	0.0041 J	ND	0.0034 J	0.012 J	0.0038 J	0.0011 J	0.0048 J	ND	0.0016 J	0.0016 J	0.0031	0.0029 J	ND	0.0046 J
4,4'-DDT	mg/kg	1.6E-03	ND	ND	1.4E-03	0.016 J	0.0073 J	ND	0.011	0.018	0.02	0.0019 J	0.0067 J	0.0034	0.0016 J	0.0032 J	0.0041	0.0037 J	ND	0.027
Dieldren	mg/kg	4.7E-03	ND	ND	2.8E-04	ND	0.0029 J	ND	ND	ND	ND	ND	0.0014 J	ND	ND	ND	0.0014	0.00095 J	ND	0.0056 J
All Others	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs (Method 8082)																				
PCB-1260	mg/kg	0.0051	ND	ND	ND	0.081 J	0.093 J	0.0034 J	0.017	0.023 J	0.019	0.0097 J	0.011	0.017	ND	0.0057 J	0.016	0.013	0.010 J	0.095 J
Total PCBs	mg/kg	0.0051	ND	ND	ND	ND	ND	ND	0.017	0.023 J	0.019	0.0097 J	0.011	0.017	ND	0.0057 J	0.016	0.013	0.010 J	0.095 J
All Others	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorinated Herbicides (Method 8151A)																				
All Constituents	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs (Method 8260B)																				
Benzene	mg/kg	ND	ND	ND	ND	ND	0.0064	ND	0.0020 J	ND	0.0026 J	0.0014 J	0.012	ND	ND	0.0043 J	ND	0.0024 J	0.0038 J	0.0028 J
cis-1,2-Dichloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0029 J	ND	ND
Total 1,2-Dichloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0054 J	ND	ND
Tetrachloroethene	mg/kg	0.0015 J	ND	ND	ND	0.0011 J	0.0012 J	ND	0.016	0.0028 J	0.0065	0.0010 J	ND	ND	0.0011 J	ND	ND	0.0021	0.0011 J	ND
Toluene	mg/kg	ND	ND	ND	ND	0.0040 J	0.0044 J	ND	0.0014 J	0.0022 J	0.0022 J	ND	0.0055	0.0039 J	ND	0.0019 J	0.0014 J	0.0019 J	0.0022 J	0.0016 J
Trichloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.0062	0.0013 J	0.0012 J	ND	ND	ND	ND	ND	ND	0.0046 J	ND	ND
Total Purgeable Petroleum Hydrocarbons	mg/kg	ND	ND	ND	0.062 J	0.72	1.3	ND	0.89	ND	ND	ND	0.35	0.16	ND	ND	ND	1.0	0.71	0.63
All Others	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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SVOCs (Method 8270C)																					
bis(2-Ethylhexyl)phthalate	mg/kg	ND	ND	ND	ND	ND	ND	0.57 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	ND	ND	ND	ND	0.12 J	0.31 J	ND	ND	0.26 J	0.19 J	0.20 J	0.12 J	0.095 J	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	ND	ND	ND	ND	0.11 J	ND	ND	ND	ND	0.14 J	0.14 J	0.11 J	ND	ND	0.069 J	ND	ND	ND	ND	ND
Pyrene	mg/kg	ND	ND	ND	ND	ND	0.36 J	ND	ND	0.25 J	0.19 J	0.17 J	0.11 J	0.13 J	ND	ND	ND	ND	ND	ND	ND
All Others	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH (Method 8015/FFP)																					
TPH Diesel (FFP)	mg/kg	20	20	ND	ND	ND	ND	ND	ND	67	51	ND	ND	ND	ND	ND	23	ND	ND	ND	ND
TPH Motor Oil	mg/kg	150	57	ND	ND	570	110	120	240	340	420	180	430	350	260	63	110	240	1200	1100	1100

SUMMARY TABLE IS PROVIDED FOR CONTRACTOR CONVENIENCE. CONTRACTOR IS RESPONSIBLE TO VERIFY VALUES WITH THE LABORATORY RESULTS IN ATTACHMENTS 1 AND 2

All samples are 4 point composites

J - Detected at a trace concentration between the MDL and PQL

Total Purgeable Petroleum Hydrocarbons = TPH Gasoline

NT(1) - Constituent not detected; soluble testing not required

NT(2) - Constituent detected at a concentration less than 10 x STLC; soluble testing not required

NT(3) - Constituent detected at a concentration less than 20 x TCLP; soluble testing not required

NA - Not applicable

ND - Not detected at a concentration equal or above the MDL

Arsenic concentrations are less than naturally-occurring concentrations referenced in the Dunphy Park HRA