

Table 1
 Analytical Results for Hot Spot Confirmation Samples
 Northwest Pipe Company

Chemical	Units	Basis of Screening Level	DEQ Soil Ingestion, Dermal Contact, and Inhalation			HSCS-5	HSCS-6	HSCS-7	HSCS-8	HSCS-9	HSCS-10
			Occup.	Const. Wkr.	Excav. Wkr.						
Hot Spot Confirmation Samples 9/16/2011											
PAHs (mg/Kg): Method 8270-SIM											
1-Methylnaphthalene	mg/Kg	c	--	--	--	0.0024 U	0.00227 U	0.00249 J	0.00229 U	0.00234 U	0.00227 U
2-Methylnaphthalene	mg/Kg	nc	--	--	--	0.00171 U	0.00323 J	0.00436 J	0.00163 U	0.00166 U	0.00162 U
Acenaphthene	mg/Kg	nc	61,000	19,000	> max	0.00495 J	0.00661 J	0.00211 U	0.00216 U	0.00221 U	0.00215 U
Acenaphthylene	mg/Kg	--	--	--	--	0.00278 J	0.0159 J	0.0532	0.002 U	0.00204 U	0.00199 U
Anthracene	mg/Kg	nc	--	93,000	> max	0.011 J	0.0542	0.0208 J	0.00234 U	0.00239 U	0.0072 J
Benzo (a) anthracene	mg/Kg	c	2.7	21	590	0.0712	0.174	0.0623	0.00206 U	0.00211 U	0.00931 J
Benzo (a) pyrene	mg/Kg	c	0.27	2.1	59	0.0507	0.169	0.143	0.00203 J	0.00144 U	0.0108 J
Benzo (b) fluoranthene	mg/Kg	c	2.7	21	590	0.073	0.266	0.159	0.00275 J	0.00174 U	0.0155 J
Benzo (g,h,i) perylene	mg/Kg	--	--	--	--	0.0425	0.31	0.261	0.00438 U	0.00448 U	0.0188 J
Benzo (k) fluoranthene	mg/Kg	c	27	210	5,900	0.0281	0.0942	0.058	0.00333 U	0.0034 U	0.00779 J
Chrysene	mg/Kg	c	270	2,100	59,000	0.0768	0.228	0.0978	0.00337 U	0.00344 U	0.00799 J
Dibenzo (a,h) anthracene	mg/Kg	c	0.27	2.1	59	0.023 J	0.0286	0.0521	0.00309 U	0.00316 U	0.00307 U
Fluoranthene	mg/Kg	nc	29,000	8,900	> max	0.141	0.208	0.0471	0.00318 J	0.00223 U	0.0119 J
Fluorene	mg/Kg	nc	41,000	12,000	> max	0.00301 J	0.00539 J	0.00316 J	0.00221 U	0.00226 U	0.0022 U
Indeno (1,2,3-cd) pyrene	mg/Kg	c	2.7	21	590	0.0461	0.176	0.161	0.0163 J	0.0166 J	0.0256
Naphthalene	mg/Kg	c	23	580	16,000	0.00227 U	0.00462 J	0.00618 J	0.00216 U	0.00221 U	0.00215 U
Phenanthrene	mg/Kg	--	--	--	--	0.0283	0.057	0.0143 J	0.00319 J	0.0023 U	0.00491 J
Pyrene	mg/Kg	nc	21,000	6,700	> max	0.134	0.265	0.0713	0.00346 J	0.00231 U	0.0134 J

-- = Criterion Not Established

QA Type: N1 = Normal sample

U = Not detected at or above specified reporting limit.

mg/Kg = milligrams per kilogram

RBC = Values from Oregon Department of Environmental Quality (DEQ) guidance document, "Risk-Based Decision Making (RBDM) for the Remediation of Petroleum-Contaminated Sites; Soil Ingestion, Dermal Contact, and Inhalation, Construction Worker, revised September 15, 2009.

NA = Not Analyzed