Table 1 - Laboratory Results Summary
PCU 297-2A
Fresh Water Pit Spill

Analytical Parameter	North Area Samples							South Area Samples						Background					COGCC	Background
(with units)	North Composite Initial (10/27/10)	North 2A Lateral (10/27/10)	North 2B Lateral (10/27/10)	North 2C Lateral (10/27/10)	North Vertical 1'-2' (1/6/11)	North Post Hydrovac Remediation Composite (5/17/11)	North Post Mix Blend Composite (6/16/11)	South Composite Initial (10/27/10)	South 1A Lateral (10/27/10)	South 1B Lateral (10/27/10)	South Vertical 1'-2' (1/6/11)	South Post Hydrovac Remediation Composite (5/17/11)	South Post Mix Blend Composite (6/16/11)	#1	#2	#3	#4	#5	*Table 910-1 Allowable Levels*	*Maximum based on Background*
TPH (GRO + DRO) (mg/Kg)	21,423	117	261	144	21.3	2,150.6	330	5,990	211	157	77.1	1,089	36.3						500	-
Benzene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						0.17	-
Toluene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						85	-
Ethylbenzene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						100	-
Xylenes (total) (mg/Kg)	0.492	-	-	-	-	ND	-	0.35	-	-	-	0.0714	-						175	-
Acenaphthene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						1000	-
Anthracene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						1000	-
Benzo(A)anthracene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						0.22	-
Benzo(B)fluoranthene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						0.22	-
Benzo(K)fuoranthene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						2.2	-
Benzo(A)pyrene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						0.022	-
Chrysene (mg/Kg)	0.116	-	-	-	-	ND	-	ND	-	-	-	ND	-						22	-
Dibenzo(A,H)anthracene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						0.022	-
Fluoranthene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						1000	-
Fluorene (mg/Kg)	4.37	-	-	-	-	0.599	-	1.72	-	-	-	0.616	-						1000	-
Indo(1,2,3,C,D)pyrene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						0.22	-
Naphthalene (mg/Kg)	0.971	-	-	-	-	0.0623	-	0.532	-	-	-	ND	-						23	-
Pyrene (mg/Kg)	ND	-	-	-	-	ND	-	ND	-	-	-	ND	-						1000	-
Electrical Conductivity (mmhos/cm)	0.404	4.38	0.738	0.723	-	0.41	-	0.837	0.839	0.504	-	0.376	-	0.329	0.584	0.477	0.705	0.637	<4 or 2X BG	4
Sodium Adsorption Ratio (SAR)	3.85	16.9	9.27	8.21	-	4.3	-	6.72	7.37	7.93	-	2.78	-	0.264	0.343	0.7	3.47	3.94	<12	<12
pH	8.92	9.24	9.63	9.55	-	9.63	-	9.28	9.13	9.47	-	9.53	-	8.56	8.91	9	9.15	9.49	6-9	10.44
Arsenic (mg/Kg)	9.3	-	-	-	-	7.3	3.6	7.3	-	-	-	10.8	2.8	4.5	4.5	5.9	4.4	4.7	0.39	6.49
Barium (mg/Kg)	1140	-	-	-	-	1610	-	2020	-	-	-	1510	-						15000	-
Cadmium (mg/Kg)	ND	-	-	-	-	<1.2	-	ND	-	-	-	<1.2	-						70	-
Chromium (III) (mg/Kg)	15.2	-	-	-	-	21.5	-	18.7	-	-	-	13.8	-						120000	-
Chromium (VI) (mg/Kg)	14.7	-	-	-	-	<0.46	-	18.3	-	-	-	<0.46	-						23	-
Copper (mg/Kg)	9.4	-	-	-	-	12.8	-	11.8	-	-	-	8.1	-						3100	-
Lead (inorganic) (mg/Kg)	ND	-	-	-	-	9.9	-	6.4	-	-	-	7.2	-						400	-
Mercury (mg/Kg)	ND	-	-	-	-	<0.12	-	ND	-	-	-	<0.11	-						23	-
Nickel (mg/Kg)	9.8	-	-	-	-	17	-	14.9	-	-	-	10.1	-						1600	-
Selenium (mg/Kg)	ND	-	-	-	-	<6	-	ND	-	-	-	<5.8	-						390	-
Silver (mg/Kg)	ND	-	-	-	-	<3.6	-	ND	-	-	-	<3.5	-						390	-
Zinc (mg/Kg)	25.8	-	-	-	-	40.4	-	29.4	-	-	-	27	-						23000	-

Notes:
1) ND = not detectible to the laboratory detection limit.
2) Results highlighted in yellow exceed Table 910-1 parameters. Results highlighted in Gray exceed Table 910-1, but are below background levels.
3) "-" indicates no analysis.
4) See site map for sample locations.
5) Sample depth is from 0 to 1 feet below ground surface unless noted otherwise.
6) Arsenic post mix/blend confirmation samples collected on 7/20/11.