

Shell 797-09A Pit Closure Data	
Location:	Shell 797-09A
Date:	11/28/2011

Sample Identifications

Lab Report #	L373867	L547375	L546596	L546596	L546596	L546596
Date Sampled	11/7/2008	11/28/2011	11/12/2011	11/12/2011	11/12/2011	11/12/2011
Sample Name	797-09A Pit BTM - 0-6"	797-09A Pit Cap	797-09A BG-SE	797-09A BG-S	797-09A BG-E	797-09A BG-NE

Organics in Soil	MCL (mg/Kg)						
TPH (GRO and DRO)	500	82	70	27.00	14.00	7.20	29
Benzene	0.17	BDL	U	U	U	U	U
Toluene	85	BDL	0.0022	U	U	U	U
Ethylbenzene	100	BDL	U	U	U	U	U
Xylenes	175	0.0075	U	U	U	U	U

Organics in Soil (PAH's)							
Acenaphthene	1000	NA	0.0022	U	U	U	U
Anthracene	1000	NA	0.0054	U	U	U	U
Benzo(A)anthracene	0.22	NA	U	U	U	U	U
Benzo(B)fluoranthene	0.22	NA	0.0016	U	U	U	U
Benzo(K)fluoranthene	2.2	NA	U	U	U	U	U
Benzo(A)pyrene	0.022	NA	0.00092	U	U	U	U
Chrysene	22	NA	0.0025	U	U	U	U
Dibenzo(A,H)anthracene	0.022	NA	U	U	U	U	U
Fluoranthene	1000	NA	0.0029	U	U	U	U
Flourene	1000	NA	0.0099	U	U	U	U
Indeno(1,2,3,C,D)pyrene	0.22	NA	U	U	U	U	U
Naphthalene	23	NA	0.054	U	U	U	U
Pyrene	1000	NA	0.0076	0.00073	0.0016	U	0.00071

Inorganics in Soil							
EC	<4 mmhos/cm or 2X background	4.8	2.1	0.2400	0.2	1.400	0.18
SAR	<12	16	14	1.70	1.1	0.3	0.46
pH	6-9	8.4	8.2	8.4	8.0	7.6	7.9

Metals in Soils							
Arsenic	0.39	7.8	5.3	9	10	2.9	22.0
Barium	15,000	NA	1,300	160	110	58	290.0
Cadmium	70	0.55	U	0.54	0.49	0.6	U
Chromium III	120,000	9	14	14.0	16.0	23.0	22.0
Chromium VI	23	NA	U	1.8	U	U	1.0
Copper	3100	19	22	23.0	18.0	26.0	21.0
Lead	400	10	9.2	12.0	11.0	15.0	10.0
Mercury	23	BDL	0.02	0.015	0.017	0.013	0.020
Nickel	1600	14	13	16.0	14.0	18.0	20.0
Selenium	390	BDL	2.9	2.00	1.70	0.80	2.9
Silver	390	BDL	0.24	0.26	0.3	0.44	U
Zinc	23,000	52	67	64.0	58.0	70.0	70.0