

Table 1 Sampling Summary , Bulldog 5-31-H Drilling and Multi-Well Pit-FACILITY ID 429725

Axia Pit Sampling	
Pad #:	05-31 Pit
Sample Date:	4/3/2013

		Sample Identifications (mg/kg)								
		Lab Report #	D45580	L628484	L628484	L628484	D45580	D45580	D45580	D45580
		Date Sampled	4/23/2013	4/3/2013	4/3/2013	4/3/2013	4/23/2013	4/23/2013	4/23/2013	4/23/2013
		Sample Name	SS-10	#1	#2	#3	SS-1	SS-2	SS-3	SS-4
		Description	Background	Initial pit	Initial pit	Background	Pit bottom	Pit bottom	Pit bottom	Containment area
Organics in Soil	MCL (mg/Kg)									
TPH - GRO	500			BDL	BDL	BDL	BDL	11.4	BDL	BDL
TPH - DRO				BDL	BDL	BDL	1290.0	751.0	28.2	7.4
Benzene		0.17		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene		85		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene		100		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Xylenes		175		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Organics in Soil (PAH's)										
Acenaphthene	1000			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Anthracene	1000			BDL	BDL	BDL	BDL	0.040	BDL	BDL
Benzo(A)anthracene	0.22			BDL	BDL	BDL	0.0175	0.025	BDL	BDL
Benzo(B)fluoranthene	0.22			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo(K)fluoranthene	2.2			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo(A)pyrene	0.022			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chrysene	22			BDL	BDL	BDL	0.032	0.032	BDL	BDL
Dibenzo(A,H)anthracene	0.022			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Fluoranthene	1000			BDL	BDL	BDL	0.078	0.088	BDL	0.0063
Flourene	1000			BDL	BDL	BDL	0.164	0.343	BDL	BDL
Indeno(1,2,3,C,D)pyrene	0.22			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Napthalene	23			BDL	BDL	BDL	0.137	1.5	BDL	BDL
Pyrene	1000			BDL	BDL	BDL	0.116	0.167	BDL	0.0078
Inorganics in Soil										
EC	<4 mmhos/cm or 2X background			2.5	0.2	1.40	0.4	0.2	0.2	0.2
SAR	<12			9.1	1.7	0.93	10.3	1.8	0.7	1.0
pH	6-9			8.0	9.1	8.00	9.9	9.6	9.4	9.6
Metals in Soils										
Arsenic	0.39	3.5		3.6	3.7	4.10	3.6	4.0	3.8	3.3
Barium (LDNR True Total)	15,000			200.0	100.0	140.00	184.0	284.0	181.0	146.0
Cadmium	70			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chromium III	120,000			5.3	3.6	6.70	7.3	8.3	8.0	7.2
Chromium VI	23			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Copper	3100			7.2	5.8	9.30	7.3	8.2	7.9	7.2
Lead	400			7.2	6.3	9.20	7.6	7.7	7.7	7.9
Mercury	23			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel	1600			5.3	4.0	7.10	7.3	8.1	7.8	7.2
Selenium	390			1.0	BDL	1.10	BDL	BDL	BDL	BDL
Silver	390			BDL	BDL	BDL	BDL	BDL	BDL	BDL
Zinc	23,000			30.0	30.0	45.00	29.8	30.7	30.6	29.4

BDL - Below Detection Limit

Table 2 Sampling Summary , Bulldog 5-31-H Drilling and Multi-Well Pit-FACILITY ID 429725

Axia Pit Sampling	
Pad #:	05-31 Pit
Sample Date:	4/3/2013

		Lab Report #	D45580	D45580	D45580	D46101	D46101	D46101	D46101	D46101	D46101
		Date Sampled	4/23/2013	4/23/2013	4/23/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013
		Sample Name	SS-7	SS-8	SS-9	BD SS1	BD SS2	BD SS-11	BD SS-11	BD SS-12	BD SS-12
		Description	Containment area	Containment area	Soil Pile	12-16"	12-16"	4"	16"	4"	16"
Organics in Soil		MCL (mg/Kg)									
TPH - GRO	500		BDL	BDL	6.4	BDL	BDL	BDL	BDL	BDL	BDL
TPH - DRO			BDL	BDL	97.5	7.8	238.0	26.6	7.6	26.2	BDL
Benzene		0.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene		85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene		100	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Xylenes		175	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Organics in Soil (PAH's)											
Acenaphthene	1000		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Anthracene	1000		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo(A)anthracene	0.22		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo(B)fluoranthene	0.22		BDL	BDL	BDL	BDL	0.016	BDL	BDL	BDL	BDL
Benzo(K)fluoranthene	2.2		BDL	BDL	BDL	BDL	0.008	BDL	BDL	BDL	BDL
Benzo(A)pyrene	0.022		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chrysene	22		BDL	BDL	0.0060	BDL	0.0291	BDL	BDL	BDL	BDL
Dibenzo(A,H)anthracene	0.022		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Fluoranthene	1000		BDL	BDL	0.0070	BDL	0.057	BDL	BDL	BDL	BDL
Flourene	1000		BDL	BDL	0.0175	BDL	0.088	BDL	BDL	BDL	BDL
Indeno(1,2,3,C,D)pyrene	0.22		BDL	BDL	BDL	BDL	0.009	BDL	BDL	BDL	BDL
Napthalene	23		BDL	BDL	0.0110	BDL	0.028	BDL	BDL	BDL	BDL
Pyrene	1000		BDL	BDL	0.0081	BDL	0.096	BDL	BDL	BDL	BDL
Inorganics in Soil											
EC	<4 mmhos/cm or 2X background		0.2	1.38	1.0	0.6	3.5	6.3	1.1	4.2	0.4
SAR	<12		2.3	2.48	6.7	4.5	7.7	2.9	3.9	7.1	2.6
pH	6-9		10.0	9.04	9.3	8.97	9.2	8.6	9.4	9.2	9.4
Metals in Soils											
Arsenic	0.39		2.6	2.70	2.8	5.3	5.4	5.6	4.7	5.8	5.7
Barium (LDNR True Total)	15,000		92.7	115.00	116.0	384.0	198.0	185.0	117.0	256.0	405.0
Cadmium	70		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chromium III	120,000		4.4	4.90	5.5	10.2	12.1	11.2	10.4	11.6	11.3
Chromium VI	23		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Copper	3100		5.1	5.40	7.0	10.1	11.4	10.4	9.4	10.5	10.4
Lead	400		6.3	6.80	9.1	10.4	11.2	10.7	10.3	10.9	10.5
Mercury	23		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel	1600		4.7	5.00	8.1	10.6	11.9	10.8	10.1	11.6	11.1
Selenium	390		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Silver	390		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Zinc	23,000		26.2	28.20	24.8	39.2	45.0	41.6	40.2	43.2	41.5

BDL - Below Detection Limit