

13E & 13W Pit Solids Analysis	COGCC Standard (mg/kg)	13E Pit Solids	13W Pit Solids
		Compsite of All	Compsite of All
		7/24/2017	7/24/2017
TEPH (DRO)	500	15,000	10,000
TVPH (GRO)		8,000	3,500
BENZENE	0.17	0.95	1.3
TOLUENE	85	20	32
ETHYLBENZENE	100	5.2	5.0
XYLENE TOTAL	175	200	130
ACENAPHTHENE	1,000	ND	ND
ANTHRACENE	1,000	ND	ND
BENZO(A)ANTHRACENE	0.22	ND	ND
BENZO(A)PYRENE	0.022	ND	ND
BENZO(B)FLUORANTHENE	0.22	ND	ND
BENZO(K)FLUORANTHENE	2.2	ND	ND
CHRYSENE (mg/kg)	22	ND	ND
DIBENZO(A,H)ANTHRACENE	0.022	ND	ND
FLUORANTHENE	1,000	ND	ND
FLUORENE	1,000	3.4	3.5
INDENO(1,2,3-CD)PYRENE	0.22	ND	ND
NAPHTHALENE	23	8	6.5
PYRENE	1,000	ND	ND
ARSENIC	0.39	22	14
BARIUM	15,000		
CADMIUM	70	ND	ND
CHROMIUM	N/A	76	120
CHROMIUM (III)	120,000		
CHROMIUM (IV)	23	ND	ND
COPPER	3,100	93	88
LEAD	400	51	80
MERCURY	23		
NICKEL	1,600	45	42
SELENIUM	390	4.2	3.7
SILVER	390	ND	ND
ZINC	23,000	190	160
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or 2X BKGD		
pH	6 to 9	6.84	7.07
SODIUM ABSORPTION RATIO (SAR)	<12		

13E & 13W Pit Solids Analysis	COGCC Standard (mg/kg)	13E		13W	
		North Half	South Half	North Half	South Half
		7/24/2017		7/24/2017	
TEPH (DRO)	500	7,900	44,000	59,000	7,400
TVPH (GRO)		15	9,300	32,000	43,000
BENZENE	0.17	ND	12	7.8	9.2
TOLUENE	85	ND	180	250	280
ETHYLBENZENE	100	ND	43	47	47
XYLENE TOTAL	175	ND	880	1,000	1,200
ACENAPHTHENE	1,000				
ANTHRACENE	1,000				
BENZO(A)ANTHRACENE	0.22				
BENZO(A)PYRENE	0.022				
BENZO(B)FLUORANTHENE	0.22				
BENZO(K)FLUORANTHENE	2.2				
CHRYSENE (mg/kg)	22				
DIBENZO(A,H)ANTHRACENE	0.022				
FLUORANTHENE	1,000				
FLUORENE	1,000				
INDENO(1,2,3-CD)PYRENE	0.22				
NAPHTHALENE	23				
PYRENE	1,000				
ARSENIC	0.39				
BARIUM	15,000				
CADMIUM	70				
CHROMIUM	N/A				
CHROMIUM (III)	120,000				
CHROMIUM (IV)	23				
COPPER	3,100				
LEAD	400				
MERCURY	23				
NICKEL	1,600				
SELENIUM	390				
SILVER	390				
ZINC	23,000				
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/com or 2X BKGD				
pH	6 to 9				
SODIUM ABSORPTION RATIO (SAR)	<12				