ARCADIS

Table 1. Revised Analytical Results for Composite Surface Soil Samples in the Floodplain Assessment Area, April 2016
Former ASARCO Smelter Site - El Paso, Texas

Analyte	$^{Tot}Soil_{Comb}$ C/I	SMT-01 SMT1-040616 4/6/2016 0 - 0.5 ft bgs	SMT-02 SMT2-040616 4/6/2016 0 - 0.5 ft bgs	SMT-03 SMT3-040616 4/6/2016 0 - 0.5 ft bgs	SMT-04 SMT4-040616 4/6/2016 0 - 0.5 ft bgs	SMT-05 SMT5-040616 4/6/2016 0 - 0.5 ft bgs	SMT-06 SMT6-040616 4/6/2016 0 - 0.5 ft bgs	SMT-07 SMT7-040616 4/6/2016 0 - 0.5 ft bgs	SMT-08 SMT8-040616 4/6/2016 0 - 0.5 ft bgs	SMT-09 SMT9-040616 4/6/2016 0 - 0.5 ft bgs	SMT-10 SMT10-040616 4/6/2016 0 - 0.5 ft bgs
Antimony	310	4.32	5.17	8.18	9.55	3.74	3.38	2.40	3.91	3.34	5.57
Arsenic	320	87.7	93.3	141	197	84.0	103	55.0	71.5	87.0	103
Barium	120000	141	142	119	132	89.2	108	114	109	139	117
Cadmium	760	29.0	20.8	27.8	77.2	27.8	27.3	16.8	25.6	27.0	41.7
Chromium	75000	11.3	10.2	11.8	11.1	8.13	9.02	9.54	10.6	12.1	9.65
Cobalt	2600	5.45	5.18	5.99	9.23	4.93	5.26	4.93	5.65	6.03	5.97
Copper	94000	1030	1510	2720	2940	1090	1400	772	1090	1240	1970
Iron	--	12900	12500	14600	14500	11900	13000	12800	15400	13900	13500
Lead	1600	765	567	975	**2270**	768	824	467	697	802	1000
Mercury	20	0.633 J	0.576 J	1.10 J	2.03 J	0.297 J	1.19 J	0.555 J	1.24 J	1.71 J	1.73 J
Molybdenum	4500	7.68	9.91	16.2	14.4	5.34	7.06	4.41	6.42	7.06	10.9
Nickel	8600	9.28	8.12	9.25	15.5	7.47	8.26	7.75	9.55	11.1	10.2
Selenium	4900	4.14	3.57	5.19	10.4	3.62	3.14	2.63	3.56	3.75	5.27
Silver	2300	4.95	5.87	10.0	13.2	5.53	6.52	3.44	4.98	4.91	9.94
Zinc	250000	741	560	947	1920	657	646	377	536	610	738

Notes:

bgs = below ground surface

All analytes except mercury were analyzed using laboratory method SW6020A; mercury was analyzed using laboratory method SW7471B.

Sample results are reported in milligrams per kilogram (mg/kg).

$^{Tot}Soil_{Comb}$ = direct contact soil Protective Concentration Level (PCL) for commercial/industrial (C/I) land use

Exceedance of Commercial/Industrial screening level shown in **bold**

J = The analyte was positively identified; however, the associated numerical value is an estimated concentration only.