

APPENDIX D

Site Soil Sample pH Data



Appendix D: Site Soil Sample pH Data

**Conceptual Site Model, Pathway Evaluation, and Protective Concentration Level Report
Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
1	SSIA1-1	SSIA1-1A	15-Jul-97	0	1	O	pH	6.8	SU	No
1	SSIA1-1	SSIA1-1B	15-Jul-97	1.5	1.5	O	pH	6.3	SU	No
1	SSIA1-1	SSIA1-1C	15-Jul-97	3	3	O	pH	7.1	SU	No
1	SSIA1-1	SSIA1-1D	15-Jul-97	4	4	O	pH	6.9	SU	No
1	SSIA1-2	SSIA1-2A	15-Jul-97	0	1	O	pH	7.2	SU	No
1	SSIA1-2	SSIA1-2B	15-Jul-97	1.5	1.5	O	pH	6.7	SU	No
1	SSIA1-2	SSIA1-2C	15-Jul-97	3	3	O	pH	6.7	SU	No
1	SSIA1-2	SSIA1-2D	15-Jul-97	4	4	O	pH	7.4	SU	No
1	SSIA1-3	SSIA1-3A	15-Jul-97	0	1	O	pH	7.8	SU	No
1	SSIA1-3	SSIA1-3B	15-Jul-97	1.5	1.5	O	pH	7.7	SU	No
1	SSIA1-3	SSIA1-3C	15-Jul-97	3	3	O	pH	7.9	SU	No
1	SSIA1-3	SSIA1-3D	15-Jul-97	4	4	O	pH	8.1	SU	No
1	SSIA1-4	SSIA1-4A	15-Jul-97	0	1	O	pH	8.1	SU	No
1	SSIA1-4	SSIA1-4B	15-Jul-97	1.5	1.5	O	pH	8.1	SU	No
1	SSIA1-4	SSIA1-4C	15-Jul-97	3	3	O	pH	8.2	SU	No
1	SSIA1-4	SSIA1-4D	15-Jul-97	4	4	O	pH	8.2	SU	No
1	SSIA1-5	SSIA1-5A	15-Jul-97	0	1	O	pH	8.1	SU	No
1	SSIA1-5	SSIA1-5B	15-Jul-97	1.5	1.5	O	pH	8.4	SU	No
1	SSIA1-5	SSIA1-5C	15-Jul-97	3	3	O	pH	8.4	SU	No
1	SSIA1-5	SSIA1-5D	15-Jul-97	4	4	O	pH	8.5	SU	No
2	EP-75	EP-75E	03-Jun-97	55	55	O	pH	8.6	SU	No
2	EP-75	EP-75F	03-Jun-97	60	60	O	pH	8.9	SU	No
2	EP-75	EP-75G	03-Jun-97	65	65	O	pH	8.8	SU	No
2	EP-75	EP-75-TCLP	04-Jun-97	0	0.5	O	pH	9.3	SU	No
2	EP-76	EP-76A	03-Jun-97	0	0.5	O	pH	7.8	SU	No
2	EP-76	EP-76B	03-Jun-97	1.5	1.5	O	pH	10.2	SU	No
2	EP-76	EP-76C	03-Jun-97	45	45	O	pH	8.9	SU	No
2	EP-76	EP-76D	03-Jun-97	50	50	O	pH	9.7	SU	No
2	EP-76	EP-76E	03-Jun-97	55	55	O	pH	9.4	SU	No
2	EP-76	EP-76F	03-Jun-97	60	60	O	pH	9.3	SU	No
2	EP-76	EP-76-TCLP	04-Jun-97	0	0.5	O	pH	9.8	SU	No
2	EP-81	EP-81A	06-Jun-97	5	5	O	pH	8.3	SU	No
2	EP-81	EP-81B	06-Jun-97	10	10	O	pH	8.5	SU	No
2	EP-81	EP-81C	06-Jun-97	15	15	O	pH	9	SU	No
2	EP-81	EP-81D	06-Jun-97	20	20	O	pH	8.7	SU	No
2	EP-81	EP-81E	06-Jun-97	25	25	O	pH	8.6	SU	No
2	EP-85	EP-85A	12-Jun-97	5	5	O	pH	9.3	SU	No
2	EP-85	EP-85B	12-Jun-97	10	10	O	pH	8.9	SU	No
2	EP-85	EP-85C	12-Jun-97	15	15	O	pH	9.3	SU	No
2	EP-85	EP-85D	12-Jun-97	20	20	O	pH	9.4	SU	No
2	EP-85	EP-85-TCLP	12-Jun-97	0	0.5	O	pH	9.6	SU	No
2	RI1BH3	RI1BH-3A	30-Jun-97	28	28	O	pH	8.8	SU	No
2	RI1BH3	RI1BH-3B	30-Jun-97	35	35	O	pH	9.2	SU	No
2	RI1BH4	RI1BH-4C	30-Jun-97	15	15	O	pH	9.3	SU	No
2	RI1BH5	RI1BH-5A	30-Jun-97	2	2	O	pH	8.8	SU	No
2	RI1BH5	RI1BH-5B	30-Jun-97	8	8	O	pH	9.4	SU	No
2	RI1BH5	RI1BH-5C	30-Jun-97	10	10	O	pH	9.2	SU	No
2	RI1BH5	RI1BH-5D	30-Jun-97	12	12	O	pH	9.3	SU	No
2	RI1BH5	RI1BH-5E	30-Jun-97	15	15	O	pH	8.9	SU	No
2	RI1BH6	RI1BH-6A	30-Jun-97	2	2	O	pH	9.7	SU	No
2	SSIA2-1	SSIA2-1A	14-Jul-97	0	1	O	pH	7.6	SU	No
2	SSIA2-1	SSIA2-1B	14-Jul-97	1.5	1.5	O	pH	7.6	SU	No
2	SSIA2-2	SSIA2-2A	14-Jul-97	0	1	O	pH	8.1	SU	No
2	SSIA2-2	SSIA2-2C	14-Jul-97	3	3	O	pH	10	SU	No
3	EP-73	EP-73F	17-Jun-97	78	78	O	pH	9	SU	No
3	EP-73	EP-73-TCLP	18-Jun-97	0	0.5	O	pH	9.1	SU	No
3	SSIA3-10	SSIA3-10A	15-Jul-97	0	1	O	pH	10	SU	No
3	SSIA3-10	SSIA3-10B	15-Jul-97	1.5	1.5	O	pH	8.5	SU	No
3	SSIA3-10	SSIA3-10C	15-Jul-97	3	3	O	pH	8.1	SU	No

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Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
3	SSIA3-10	SSIA3-10D	15-Jul-97	4	4	O	pH	8	SU	No
3	SSIA3-1	SSIA3-1A	14-Jul-97	0	1	O	pH	8.3	SU	No
3	SSIA3-1	SSIA3-1B	14-Jul-97	1.5	1.5	O	pH	8.3	SU	No
3	SSIA3-2	SSIA3-2A	14-Jul-97	0	1	O	pH	8.4	SU	No
3	SSIA3-2	SSIA3-2B	14-Jul-97	1.5	1.5	O	pH	8.3	SU	No
3	SSIA3-2	SSIA3-2C	14-Jul-97	3	3	O	pH	8.2	SU	No
3	SSIA3-3	SSIA3-3A	14-Jul-97	0	1	O	pH	6.5	SU	No
3	SSIA3-3	SSIA3-3B	14-Jul-97	1.5	1.5	O	pH	8.2	SU	No
3	SSIA3-3	SSIA3-3C	14-Jul-97	3	3	O	pH	8.3	SU	No
3	SSIA3-3	SSIA3-3D	14-Jul-97	4	4	O	pH	8.7	SU	No
3	SSIA3-4	SSIA3-4A	14-Jul-97	0	1	O	pH	7.3	SU	No
3	SSIA3-4	SSIA3-4B	14-Jul-97	1.5	1.5	O	pH	7.9	SU	No
3	SSIA3-5	SSIA3-5A	15-Jul-97	0	1	O	pH	8.4	SU	No
3	SSIA3-5	SSIA3-5B	15-Jul-97	1.5	1.5	O	pH	7.4	SU	No
3	SSIA3-6	SSIA3-6A	15-Jul-97	0	1	O	pH	8.4	SU	No
3	SSIA3-6	SSIA3-6B	15-Jul-97	1.5	1.5	O	pH	8.1	SU	No
3	SSIA3-6	SSIA3-6C	15-Jul-97	3	3	O	pH	8.5	SU	No
3	SSIA3-6	SSIA3-6D	15-Jul-97	4	4	O	pH	8.4	SU	No
3	SSIA3-7	SSIA3-7A	15-Jul-97	0	1	O	pH	8.2	SU	No
3	SSIA3-7	SSIA3-7B	15-Jul-97	1.5	1.5	O	pH	8.1	SU	No
3	SSIA3-7	SSIA3-7C	15-Jul-97	3	3	O	pH	8.4	SU	No
3	SSIA3-7	SSIA3-7D	15-Jul-97	4	4	O	pH	8.5	SU	No
3	SSIA3-8	SSIA3-8A	15-Jul-97	0	1	O	pH	8.2	SU	No
3	SSIA3-8	SSIA3-8B	15-Jul-97	1.5	1.5	O	pH	7.9	SU	No
3	SSIA3-8	SSIA3-8C	15-Jul-97	3	3	O	pH	8.3	SU	No
3	SSIA3-8	SSIA3-8D	15-Jul-97	4	4	O	pH	8.2	SU	No
3	SSIA3-9	SSIA3-9A	15-Jul-97	0	1	O	pH	8.2	SU	No
3	SSIA3-9	SSIA3-9B	15-Jul-97	1.5	1.5	O	pH	8.4	SU	No
3	SSIA3-9	SSIA3-9C	15-Jul-97	3	3	O	pH	8.5	SU	No
3	SSIA3-9	SSIA3-9D	15-Jul-97	4	4	O	pH	9	SU	No
4	SSIA4-10	SSIA4-10A	28-Oct-97	0	1	O	pH	7.7	SU	No
4	SSIA4-10	SSIA4-10B	28-Oct-97	1.5	1.5	O	pH	7.8	SU	No
4	SSIA4-10	SSIA4-10C	28-Oct-97	3	3	O	pH	8.1	SU	No
4	SSIA4-10	SSIA4-10D	28-Oct-97	4	4	O	pH	8.1	SU	No
4	SSIA4-11	SSIA4-11A	28-Oct-97	0	1	O	pH	8	SU	No
4	SSIA4-11	SSIA4-11B	28-Oct-97	1.5	1.5	O	pH	7.9	SU	No
4	SSIA4-11	SSIA4-11C	28-Oct-97	3	3	O	pH	8.6	SU	No
4	SSIA4-11	SSIA4-11D	28-Oct-97	4	4	O	pH	8.7	SU	No
4	SSIA4-12	SSIA4-12A	28-Oct-97	0	1	O	pH	7.2	SU	No
4	SSIA4-12	SSIA4-12C	28-Oct-97	3	3	O	pH	9.7	SU	No
4	SSIA4-12	SSIA4-12D	28-Oct-97	4	4	O	pH	8.4	SU	No
4	SSIA4-13	SSIA4-13A	28-Oct-97	0	1	O	pH	7.5	SU	No
4	SSIA4-13	SSIA4-13B	28-Oct-97	1.5	1.5	O	pH	7.4	SU	No
4	SSIA4-13	SSIA4-13C	28-Oct-97	3	3	O	pH	8.1	SU	No
4	SSIA4-14	SSIA4-14A	28-Oct-97	0	1	O	pH	7.6	SU	No
4	SSIA4-14	SSIA4-14B	28-Oct-97	1.5	1.5	O	pH	8	SU	No
4	SSIA4-14	SSIA4-14C	28-Oct-97	3	3	O	pH	8.9	SU	No
4	SSIA4-14	SSIA4-14D	28-Oct-97	4	4	O	pH	8.4	SU	No
4	SSIA4-15	SSIA4-15A	28-Oct-97	0	1	O	pH	7.8	SU	No
4	SSIA4-15	SSIA4-15B	28-Oct-97	1.5	1.5	O	pH	7.9	SU	No
4	SSIA4-15	SSIA4-15C	28-Oct-97	3	3	O	pH	8.8	SU	No
4	SSIA4-15	SSIA4-15D	28-Oct-97	4	4	O	pH	8.2	SU	No
4	SSIA4-16	SSIA4-16A	28-Oct-97	0	1	O	pH	8.1	SU	No
4	SSIA4-16	SSIA4-16B	30-Oct-97	1.5	1.5	O	pH	8.2	SU	No
4	SSIA4-16	SSIA4-16C	30-Oct-97	3	3	O	pH	8.7	SU	No
4	SSIA4-16	SSIA4-16D	30-Oct-97	4	4	O	pH	8.8	SU	No
4	SSIA4-17	SSIA4-17A	30-Oct-97	0	1	O	pH	8.1	SU	No
4	SSIA4-17	SSIA4-17B	30-Oct-97	1.5	1.5	O	pH	8.4	SU	No
4	SSIA4-17	SSIA4-17C	30-Oct-97	3	3	O	pH	8	SU	No

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Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
4	SSIA4-17	SSIA4-17D	30-Oct-97	4	4	O	pH	8.7	SU	No
4	SSIA4-18	SSIA4-18A	30-Oct-97	0	1	O	pH	8.4	SU	No
4	SSIA4-18	SSIA4-18B	30-Oct-97	1.5	1.5	O	pH	8.4	SU	No
4	SSIA4-18	SSIA4-18C	30-Oct-97	3	3	O	pH	9.2	SU	No
4	SSIA4-18	SSIA4-18D	30-Oct-97	4	4	O	pH	9.3	SU	No
4	SSIA4-19	SSIA4-19A	30-Oct-97	0	1	O	pH	8.3	SU	No
4	SSIA4-19	SSIA4-19B	30-Oct-97	1.5	1.5	O	pH	8.5	SU	No
4	SSIA4-19	SSIA4-19C	30-Oct-97	3	3	O	pH	8.9	SU	No
4	SSIA4-19	SSIA4-19D	30-Oct-97	4	4	O	pH	8.9	SU	No
4	SSIA4-1	SSIA4-1A	27-Oct-97	0	1	O	pH	7	SU	No
4	SSIA4-1	SSIA4-1B	27-Oct-97	1.5	1.5	O	pH	7.6	SU	No
4	SSIA4-1	SSIA4-1C	27-Oct-97	3	3	O	pH	7.9	SU	No
4	SSIA4-1	SSIA4-1D	27-Oct-97	4	4	O	pH	8.8	SU	No
4	SSIA4-20	SSIA4-20A	30-Oct-97	0	1	O	pH	7.8	SU	No
4	SSIA4-20	SSIA4-20B	30-Oct-97	1.5	1.5	O	pH	8.2	SU	No
4	SSIA4-20	SSIA4-20C	30-Oct-97	3	3	O	pH	8.8	SU	No
4	SSIA4-20	SSIA4-20D	30-Oct-97	4	4	O	pH	8.9	SU	No
4	SSIA4-21	SSIA4-21A	30-Oct-97	0	1	O	pH	8.3	SU	No
4	SSIA4-21	SSIA4-21B	30-Oct-97	1.5	1.5	O	pH	8.2	SU	No
4	SSIA4-21	SSIA4-21C	30-Oct-97	3	3	O	pH	8.7	SU	No
4	SSIA4-21	SSIA4-21D	30-Oct-97	4	4	O	pH	8.8	SU	No
4	SSIA4-22	SSIA4-22A	30-Oct-97	0	1	O	pH	8	SU	No
4	SSIA4-22	SSIA4-22B	30-Oct-97	1.5	1.5	O	pH	8.4	SU	No
4	SSIA4-22	SSIA4-22C	30-Oct-97	3	3	O	pH	8.7	SU	No
4	SSIA4-22	SSIA4-22D	30-Oct-97	4	4	O	pH	8.7	SU	No
4	SSIA4-23	SSIA4-23A	30-Oct-97	0	1	O	pH	7.8	SU	No
4	SSIA4-23	SSIA4-23B	30-Oct-97	1.5	1.5	O	pH	8.5	SU	No
4	SSIA4-23	SSIA4-23C	30-Oct-97	3	3	O	pH	8.7	SU	No
4	SSIA4-23	SSIA4-23D	30-Oct-97	4	4	O	pH	8.4	SU	No
4	SSIA4-24	SSIA4-24A	30-Oct-97	0	1	O	pH	8.2	SU	No
4	SSIA4-24	SSIA4-24B	30-Oct-97	1.5	1.5	O	pH	8.8	SU	No
4	SSIA4-24	SSIA4-24C	30-Oct-97	3	3	O	pH	8.9	SU	No
4	SSIA4-24	SSIA4-24D	30-Oct-97	4	4	O	pH	9	SU	No
4	SSIA4-25	SSIA4-25A	30-Oct-97	0	1	O	pH	7.5	SU	No
4	SSIA4-25	SSIA4-25B	30-Oct-97	1.5	1.5	O	pH	8.2	SU	No
4	SSIA4-25	SSIA4-25C	30-Oct-97	3	3	O	pH	9.1	SU	No
4	SSIA4-25	SSIA4-25D	30-Oct-97	4	4	O	pH	8.2	SU	No
4	SSIA4-26	SSIA4-26A	30-Oct-97	0	1	O	pH	7.7	SU	No
4	SSIA4-26	SSIA4-26B	30-Oct-97	1.5	1.5	O	pH	8.4	SU	No
4	SSIA4-26	SSIA4-26C	30-Oct-97	3	3	O	pH	8.3	SU	No
4	SSIA4-26	SSIA4-26D	30-Oct-97	4	4	O	pH	8.7	SU	No
4	SSIA4-27	SSIA4-27A	30-Oct-97	0	1	O	pH	7.7	SU	No
4	SSIA4-27	SSIA4-27B	30-Oct-97	1.5	1.5	O	pH	7.9	SU	No
4	SSIA4-28	SSIA4-28A	30-Oct-97	0	1	O	pH	7.9	SU	No
4	SSIA4-28	SSIA4-28B	30-Oct-97	1.5	1.5	O	pH	8.5	SU	No
4	SSIA4-29	SSIA4-29A	30-Oct-97	0	1	O	pH	7.6	SU	No
4	SSIA4-29	SSIA4-29B	30-Oct-97	1.5	1.5	O	pH	8.6	SU	No
4	SSIA4-2	SSIA4-2A	27-Oct-97	0	1	O	pH	7.5	SU	No
4	SSIA4-2	SSIA4-2B	27-Oct-97	1.5	1.5	O	pH	7.4	SU	No
4	SSIA4-2	SSIA4-2C	27-Oct-97	3	3	O	pH	8.7	SU	No
4	SSIA4-2	SSIA4-2D	27-Oct-97	4	4	O	pH	9.6	SU	No
4	SSIA4-30	SSIA4-30A	30-Oct-97	0	1	O	pH	7.9	SU	No
4	SSIA4-30	SSIA4-30B	30-Oct-97	1.5	1.5	O	pH	8	SU	No
4	SSIA4-3	SSIA4-3A	27-Oct-97	0	1	O	pH	7.2	SU	No
4	SSIA4-3	SSIA4-3B	27-Oct-97	1.5	1.5	O	pH	7.3	SU	No
4	SSIA4-3	SSIA4-3C	27-Oct-97	3	3	O	pH	7.2	SU	No
4	SSIA4-3	SSIA4-3D	27-Oct-97	4	4	O	pH	7.3	SU	No
4	SSIA4-4	SSIA4-4A	28-Oct-97	0	1	O	pH	7.7	SU	No
4	SSIA4-4	SSIA4-4B	28-Oct-97	1.5	1.5	O	pH	7.8	SU	No

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IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
4	SSIA4-4	SSIA4-4C	28-Oct-97	3	3	O	pH	7.9	SU	No
4	SSIA4-4	SSIA4-4D	28-Oct-97	4	4	O	pH	7.8	SU	No
4	SSIA4-5	SSIA4-5A	28-Oct-97	0	1	O	pH	7.1	SU	No
4	SSIA4-5	SSIA4-5B	28-Oct-97	1.5	1.5	O	pH	7.7	SU	No
4	SSIA4-5	SSIA4-5C	28-Oct-97	3	3	O	pH	7.8	SU	No
4	SSIA4-5	SSIA4-5D	28-Oct-97	4	4	O	pH	8.5	SU	No
4	SSIA4-6	SSIA4-6A	28-Oct-97	0	1	O	pH	7.5	SU	No
4	SSIA4-6	SSIA4-6B	28-Oct-97	1.5	1.5	O	pH	7.7	SU	No
4	SSIA4-6	SSIA4-6C	28-Oct-97	3	3	O	pH	8.5	SU	No
4	SSIA4-6	SSIA4-6D	28-Oct-97	4	4	O	pH	8.4	SU	No
4	SSIA4-7	SSIA4-7A	28-Oct-97	0	1	O	pH	4.6	SU	No
4	SSIA4-7	SSIA4-7B	28-Oct-97	1.5	1.5	O	pH	5	SU	No
4	SSIA4-7	SSIA4-7C	28-Oct-97	3	3	O	pH	5.4	SU	No
4	SSIA4-7	SSIA4-7D	28-Oct-97	4	4	O	pH	6.5	SU	No
4	SSIA4-8	SSIA4-8A	28-Oct-97	0	1	O	pH	6.4	SU	No
4	SSIA4-8	SSIA4-8B	28-Oct-97	1.5	1.5	O	pH	6.9	SU	No
4	SSIA4-8	SSIA4-8C	28-Oct-97	3	3	O	pH	8.1	SU	No
4	SSIA4-8	SSIA4-8D	28-Oct-97	4	4	O	pH	8.2	SU	No
4	SSIA4-9	SSIA4-9A	28-Oct-97	0	1	O	pH	7	SU	No
4	SSIA4-9	SSIA4-9B	28-Oct-97	1.5	1.5	O	pH	6.5	SU	No
4	SSIA4-9	SSIA4-9C	28-Oct-97	3	3	O	pH	7.1	SU	No
4	SSIA4-9	SSIA4-9D	28-Oct-97	4	4	O	pH	7.9	SU	No
5	EP-80	EP-80A	06-Jun-97	0	0.5	O	pH	8.4	SU	No
5	EP-80	EP-80B	06-Jun-97	5	5	O	pH	8.5	SU	No
5	EP-80	EP-80C	06-Jun-97	10	10	O	pH	9	SU	No
5	EP-80	EP-80D	06-Jun-97	15	15	O	pH	9	SU	No
5	EP-80	EP-80E	06-Jun-97	20	20	O	pH	9.1	SU	No
5	EP-80	EP-80F	06-Jun-97	25	25	O	pH	9	SU	No
5	EP-80	EP-80-TCLP	07-Jun-97	0	0.5	O	pH	9.2	SU	No
5	RI1BH10	RI1BH-10A	01-Jul-97	0	1	O	pH	8.2	SU	No
5	RI1BH10	RI1BH-10C	01-Jul-97	10	10	O	pH	8.8	SU	No
5	RI1BH7	RI1BH-7A	01-Jul-97	0	1	O	pH	8	SU	No
5	RI1BH7	RI1BH-7B	01-Jul-97	5	5	O	pH	8.9	SU	No
5	RI1BH7	RI1BH-7C	01-Jul-97	10	10	O	pH	8.3	SU	No
5	RI1BH8	RI1BH-8A	01-Jul-97	0	1	O	pH	7.5	SU	No
5	RI1BH8	RI1BH-8B	01-Jul-97	5	5	O	pH	9.3	SU	No
5	RI1BH8	RI1BH-8C	01-Jul-97	10	10	O	pH	9.2	SU	No
5	RI1BH9	RI1BH-9A	01-Jul-97	0	1	O	pH	7.8	SU	No
5	RI1BH9	RI1BH-9B	01-Jul-97	5	5	O	pH	8.9	SU	No
5	RI1BH9	RI1BH-9C	01-Jul-97	10	10	O	pH	8.2	SU	No
5	SSIA5-10	SSIA5-10A	08-Jul-97	0	1	O	pH	7.7	SU	No
5	SSIA5-10	SSIA5-10B	08-Jul-97	1.5	1.5	O	pH	8.4	SU	No
5	SSIA5-10	SSIA5-10C	08-Jul-97	3	3	O	pH	8.8	SU	No
5	SSIA5-10	SSIA5-10D	08-Jul-97	4	4	O	pH	8.3	SU	No
5	SSIA5-11	SSIA5-11A	08-Jul-97	0	1	O	pH	8	SU	No
5	SSIA5-11	SSIA5-11B	08-Jul-97	1.5	1.5	O	pH	8.1	SU	No
5	SSIA5-11	SSIA5-11C	08-Jul-97	3	3	O	pH	8.3	SU	No
5	SSIA5-11	SSIA5-11D	08-Jul-97	4	4	O	pH	8.3	SU	No
5	SSIA5-12	SSIA5-12A	08-Jul-97	0	1	O	pH	7.8	SU	No
5	SSIA5-12	SSIA5-12B	08-Jul-97	1.5	1.5	O	pH	7.8	SU	No
5	SSIA5-12	SSIA5-12C	08-Jul-97	3	3	O	pH	8.2	SU	No
5	SSIA5-12	SSIA5-12D	08-Jul-97	4	4	O	pH	8.3	SU	No
5	SSIA5-13	SSIA5-13A	08-Jul-97	0	1	O	pH	7.8	SU	No
5	SSIA5-13	SSIA5-13B	08-Jul-97	1.5	1.5	O	pH	8	SU	No
5	SSIA5-13	SSIA5-13C	08-Jul-97	3	3	O	pH	8.3	SU	No
5	SSIA5-13	SSIA5-13D	08-Jul-97	4	4	O	pH	8.4	SU	No
5	SSIA5-14	SSIA5-14A	08-Jul-97	0	1	O	pH	8	SU	No
5	SSIA5-14	SSIA5-14B	08-Jul-97	1.5	1.5	O	pH	8.2	SU	No
5	SSIA5-14	SSIA5-14C	08-Jul-97	3	3	O	pH	8.7	SU	No

Appendix D: Site Soil Sample pH Data

**Conceptual Site Model, Pathway Evaluation, and Protective Concentration Level Report
Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
5	SSIA5-14	SSIA5-14D	08-Jul-97	4	4	O	pH	8.7	SU	No
5	SSIA5-15	SSIA5-15A	14-Jul-97	0	1	O	pH	7.9	SU	No
5	SSIA5-15	SSIA5-15B	14-Jul-97	1.5	1.5	O	pH	8.5	SU	No
5	SSIA5-15	SSIA5-15C	14-Jul-97	3	3	O	pH	8.4	SU	No
5	SSIA5-15	SSIA5-15D	14-Jul-97	4	4	O	pH	9	SU	No
5	SSIA5-16	SSIA5-16A	14-Jul-97	0	1	O	pH	7.6	SU	No
5	SSIA5-16	SSIA5-16B	14-Jul-97	1.5	1.5	O	pH	8.1	SU	No
5	SSIA5-16	SSIA5-16C	14-Jul-97	3	3	O	pH	8.7	SU	No
5	SSIA5-16	SSIA5-16D	14-Jul-97	4	4	O	pH	8.2	SU	No
5	SSIA5-17	SSIA5-17A	14-Jul-97	0	1	O	pH	7.7	SU	No
5	SSIA5-17	SSIA5-17B	14-Jul-97	1.5	1.5	O	pH	8.1	SU	No
5	SSIA5-17	SSIA5-17C	14-Jul-97	3	3	O	pH	8.1	SU	No
5	SSIA5-17	SSIA5-17D	14-Jul-97	4	4	O	pH	8.3	SU	No
5	SSIA5-18	SSIA5-18A	14-Jul-97	0	1	O	pH	8.5	SU	No
5	SSIA5-18	SSIA5-18B	14-Jul-97	1.5	1.5	O	pH	9.3	SU	No
5	SSIA5-18	SSIA5-18C	14-Jul-97	3	3	O	pH	8.7	SU	No
5	SSIA5-18	SSIA5-18D	14-Jul-97	4	4	O	pH	9.5	SU	No
5	SSIA5-19	SSIA5-19A	14-Jul-97	0	1	O	pH	7.7	SU	No
5	SSIA5-19	SSIA5-19B	14-Jul-97	1.5	1.5	O	pH	7.8	SU	No
5	SSIA5-19	SSIA5-19C	14-Jul-97	3	3	O	pH	8.1	SU	No
5	SSIA5-19	SSIA5-19D	14-Jul-97	4	4	O	pH	8.2	SU	No
5	SSIA5-1	SSIA5-1A	07-Jul-97	0	1	O	pH	8.2	SU	No
5	SSIA5-1	SSIA5-1B	08-Jul-97	1.5	1.5	O	pH	8.4	SU	No
5	SSIA5-1	SSIA5-1C	08-Jul-97	3	3	O	pH	9.1	SU	No
5	SSIA5-1	SSIA5-1D	08-Jul-97	4	4	O	pH	9	SU	No
5	SSIA5-2	SSIA5-2A	08-Jul-97	0	1	O	pH	8	SU	No
5	SSIA5-2	SSIA5-2B	08-Jul-97	1.5	1.5	O	pH	9	SU	No
5	SSIA5-2	SSIA5-2C	08-Jul-97	3	3	O	pH	8.4	SU	No
5	SSIA5-2	SSIA5-2D	08-Jul-97	4	4	O	pH	8.4	SU	No
5	SSIA5-3	SSIA5-3A	08-Jul-97	0	1	O	pH	7.6	SU	No
5	SSIA5-3	SSIA5-3B	08-Jul-97	1.5	1.5	O	pH	8.1	SU	No
5	SSIA5-3	SSIA5-3C	08-Jul-97	3	3	O	pH	8.2	SU	No
5	SSIA5-3	SSIA5-3D	08-Jul-97	4	4	O	pH	8.1	SU	No
5	SSIA5-4	SSIA5-4A	08-Jul-97	0	1	O	pH	7.7	SU	No
5	SSIA5-4	SSIA5-4B	08-Jul-97	1.5	1.5	O	pH	7.7	SU	No
5	SSIA5-4	SSIA5-4C	08-Jul-97	3	3	O	pH	8.9	SU	No
5	SSIA5-4	SSIA5-4D	08-Jul-97	4	4	O	pH	7.7	SU	No
5	SSIA5-5	SSIA5-5A	08-Jul-97	0	1	O	pH	8	SU	No
5	SSIA5-5	SSIA5-5B	08-Jul-97	1.5	1.5	O	pH	8.4	SU	No
5	SSIA5-5	SSIA5-5C	08-Jul-97	3	3	O	pH	8.4	SU	No
5	SSIA5-5	SSIA5-5D	08-Jul-97	4	4	O	pH	8.1	SU	No
5	SSIA5-6	SSIA5-6A	08-Jul-97	0	1	O	pH	8.2	SU	No
5	SSIA5-6	SSIA5-6B	08-Jul-97	1.5	1.5	O	pH	8.2	SU	No
5	SSIA5-6	SSIA5-6C	08-Jul-97	3	3	O	pH	8.1	SU	No
5	SSIA5-6	SSIA5-6D	08-Jul-97	4	4	O	pH	8.1	SU	No
5	SSIA5-7	SSIA5-7A	08-Jul-97	0	1	O	pH	7.9	SU	No
5	SSIA5-7	SSIA5-7B	08-Jul-97	1.5	1.5	O	pH	8.8	SU	No
5	SSIA5-7	SSIA5-7C	08-Jul-97	3	3	O	pH	7.7	SU	No
5	SSIA5-7	SSIA5-7D	08-Jul-97	4	4	O	pH	7.8	SU	No
5	SSIA5-8	SSIA5-8A	08-Jul-97	0	1	O	pH	7.7	SU	No
5	SSIA5-8	SSIA5-8B	08-Jul-97	1.5	1.5	O	pH	8.9	SU	No
5	SSIA5-8	SSIA5-8C	08-Jul-97	3	3	O	pH	8.5	SU	No
5	SSIA5-8	SSIA5-8D	08-Jul-97	4	4	O	pH	9	SU	No
5	SSIA5-9	SSIA5-9A	08-Jul-97	0	1	O	pH	7.4	SU	No
5	SSIA5-9	SSIA5-9B	08-Jul-97	1.5	1.5	O	pH	8.1	SU	No
5	SSIA5-9	SSIA5-9C	08-Jul-97	3	3	O	pH	8.4	SU	No
5	SSIA5-9	SSIA5-9D	08-Jul-97	4	4	O	pH	8.7	SU	No
8	EP-68	EP-68-TCLP	02-Jun-97	0	0.5	O	pH	9.2	SU	No
8	EP-69	EP-69-TCLP	31-May-97	0	0.5	O	pH	9.3	SU	No

Appendix D: Site Soil Sample pH Data

**Conceptual Site Model, Pathway Evaluation, and Protective Concentration Level Report
Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
8	SSIA8-10	SSIA8-10A	17-Jul-97	0	1	O	pH	8.6	SU	No
8	SSIA8-10	SSIA8-10B	17-Jul-97	1.5	1.5	O	pH	7.8	SU	No
8	SSIA8-10	SSIA8-10C	17-Jul-97	3	3	O	pH	8.5	SU	No
8	SSIA8-10	SSIA8-10D	17-Jul-97	4	4	O	pH	9.1	SU	No
8	SSIA8-11	SSIA8-11A	17-Jul-97	0	1	O	pH	8.4	SU	No
8	SSIA8-11	SSIA8-11B	17-Jul-97	1.5	1.5	O	pH	7.5	SU	No
8	SSIA8-11	SSIA8-11C	17-Jul-97	3	3	O	pH	8.5	SU	No
8	SSIA8-11	SSIA8-11D	17-Jul-97	4	4	O	pH	8.4	SU	No
8	SSIA8-12	SSIA8-12A	17-Jul-97	0	1	O	pH	8	SU	No
8	SSIA8-12	SSIA8-12B	17-Jul-97	1.5	1.5	O	pH	7.9	SU	No
8	SSIA8-12	SSIA8-12C	17-Jul-97	3	3	O	pH	8.2	SU	No
8	SSIA8-12	SSIA8-12D	17-Jul-97	4	4	O	pH	8.4	SU	No
8	SSIA8-13	SSIA8-13A	17-Jul-97	0	1	O	pH	8.4	SU	No
8	SSIA8-13	SSIA8-13B	17-Jul-97	1.5	1.5	O	pH	8	SU	No
8	SSIA8-13	SSIA8-13C	17-Jul-97	3	3	O	pH	8.5	SU	No
8	SSIA8-13	SSIA8-13D	17-Jul-97	4	4	O	pH	8.6	SU	No
8	SSIA8-14	SSIA8-14A	17-Jul-97	0	1	O	pH	8.7	SU	No
8	SSIA8-14	SSIA8-14B	17-Jul-97	1.5	1.5	O	pH	8.5	SU	No
8	SSIA8-14	SSIA8-14C	17-Jul-97	3	3	O	pH	8.2	SU	No
8	SSIA8-15	SSIA8-15A	18-Jul-97	0	1	O	pH	9	SU	No
8	SSIA8-15	SSIA8-15B	18-Jul-97	1.5	1.5	O	pH	8.4	SU	No
8	SSIA8-15	SSIA8-15C	18-Jul-97	3	3	O	pH	8.7	SU	No
8	SSIA8-15	SSIA8-15D	18-Jul-97	4	4	O	pH	7.9	SU	No
8	SSIA8-16	SSIA8-16A	18-Jul-97	0	1	O	pH	8.2	SU	No
8	SSIA8-16	SSIA8-16B	18-Jul-97	1.5	1.5	O	pH	7.9	SU	No
8	SSIA8-16	SSIA8-16C	18-Jul-97	3	3	O	pH	8	SU	No
8	SSIA8-16	SSIA8-16D	18-Jul-97	4	4	O	pH	7.5	SU	No
8	SSIA8-17	SSIA8-17A	18-Jul-97	0	1	O	pH	8.4	SU	No
8	SSIA8-17	SSIA8-17B	18-Jul-97	1.5	1.5	O	pH	8.4	SU	No
8	SSIA8-17	SSIA8-17C	18-Jul-97	3	3	O	pH	8.6	SU	No
8	SSIA8-17	SSIA8-17D	18-Jul-97	4	4	O	pH	8.7	SU	No
8	SSIA8-18	SSIA8-18A	18-Jul-97	0	1	O	pH	8.4	SU	No
8	SSIA8-18	SSIA8-18B	18-Jul-97	1.5	1.5	O	pH	8	SU	No
8	SSIA8-19	SSIA8-19A	18-Jul-97	0	1	O	pH	8.6	SU	No
8	SSIA8-19	SSIA8-19B	18-Jul-97	1.5	1.5	O	pH	8.3	SU	No
8	SSIA8-19	SSIA8-19C	18-Jul-97	3	3	O	pH	8.9	SU	No
8	SSIA8-19	SSIA8-19D	18-Jul-97	4	4	O	pH	7.6	SU	No
8	SSIA8-1	SSIA8-1A	16-Jul-97	0	1	O	pH	8.2	SU	No
8	SSIA8-1	SSIA8-1B	16-Jul-97	1.5	1.5	O	pH	7.9	SU	No
8	SSIA8-1	SSIA8-1C	16-Jul-97	3	3	O	pH	8.1	SU	No
8	SSIA8-20	SSIA8-20A	18-Jul-97	0	1	O	pH	8.3	SU	No
8	SSIA8-20	SSIA8-20B	18-Jul-97	1.5	1.5	O	pH	9	SU	No
8	SSIA8-21	SSIA8-21A	18-Jul-97	0	1	O	pH	8.1	SU	No
8	SSIA8-21	SSIA8-21B	18-Jul-97	1.5	1.5	O	pH	8	SU	No
8	SSIA8-21	SSIA8-21C	18-Jul-97	3	3	O	pH	8.6	SU	No
8	SSIA8-21	SSIA8-21D	18-Jul-97	4	4	O	pH	8.5	SU	No
8	SSIA8-22	SSIA8-22A	18-Jul-97	0	1	O	pH	7.9	SU	No
8	SSIA8-22	SSIA8-22B	18-Jul-97	1.5	1.5	O	pH	7.3	SU	No
8	SSIA8-22	SSIA8-22C	18-Jul-97	3	3	O	pH	7.2	SU	No
8	SSIA8-22	SSIA8-22D	18-Jul-97	4	4	O	pH	7.8	SU	No
8	SSIA8-23	SSIA8-23A	18-Jul-97	0	1	O	pH	9.2	SU	No
8	SSIA8-23	SSIA8-23B	18-Jul-97	1.5	1.5	O	pH	8.4	SU	No
8	SSIA8-23	SSIA8-23C	18-Jul-97	3	3	O	pH	8.7	SU	No
8	SSIA8-23	SSIA8-23D	18-Jul-97	4	4	O	pH	9.1	SU	No
8	SSIA8-24	SSIA8-24A	18-Jul-97	0	1	O	pH	8.6	SU	No
8	SSIA8-24	SSIA8-24B	18-Jul-97	1.5	1.5	O	pH	8.4	SU	No
8	SSIA8-25	SSIA8-25A	18-Jul-97	0	1	O	pH	8.4	SU	No
8	SSIA8-25	SSIA8-25B	18-Jul-97	1.5	1.5	O	pH	8.1	SU	No
8	SSIA8-26	SSIA8-26A	18-Jul-97	0	1	O	pH	5.7	SU	No

Appendix D: Site Soil Sample pH Data

**Conceptual Site Model, Pathway Evaluation, and Protective Concentration Level Report
Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
8	SSIA8-26	SSIA8-26B	18-Jul-97	1.5	1.5	O	pH	6.7	SU	No
8	SSIA8-27	SSIA8-27A	18-Jul-97	0	1	O	pH	8.2	SU	No
8	SSIA8-27	SSIA8-27B	18-Jul-97	1.5	1.5	O	pH	8.7	SU	No
8	SSIA8-27	SSIA8-27C	18-Jul-97	3	3	O	pH	8.9	SU	No
8	SSIA8-28	SSIA8-28A	18-Jul-97	0	1	O	pH	8	SU	No
8	SSIA8-28	SSIA8-28B	18-Jul-97	1.5	1.5	O	pH	7.5	SU	No
8	SSIA8-28	SSIA8-28C	18-Jul-97	3	3	O	pH	8.2	SU	No
8	SSIA8-28	SSIA8-28D	18-Jul-97	4	4	O	pH	8.4	SU	No
8	SSIA8-29	SSIA8-29A	18-Jul-97	0	1	O	pH	7.8	SU	No
8	SSIA8-29	SSIA8-29B	18-Jul-97	1.5	1.5	O	pH	7.5	SU	No
8	SSIA8-2	SSIA8-2A	16-Jul-97	0	1	O	pH	8.5	SU	No
8	SSIA8-2	SSIA8-2B	16-Jul-97	1.5	1.5	O	pH	8.9	SU	No
8	SSIA8-2	SSIA8-2C	16-Jul-97	3	3	O	pH	8.8	SU	No
8	SSIA8-2	SSIA8-2D	16-Jul-97	4	4	O	pH	7.9	SU	No
8	SSIA8-30	SSIA8-30A	18-Jul-97	0	1	O	pH	5.6	SU	No
8	SSIA8-30	SSIA8-30B	18-Jul-97	1.5	1.5	O	pH	5	SU	No
8	SSIA8-31	SSIA8-31A	18-Jul-97	0	1	O	pH	9	SU	No
8	SSIA8-31	SSIA8-31B	18-Jul-97	1.5	1.5	O	pH	7.8	SU	No
8	SSIA8-31	SSIA8-31C	18-Jul-97	3	3	O	pH	8.3	SU	No
8	SSIA8-3	SSIA8-3A	16-Jul-97	0	1	O	pH	8.4	SU	No
8	SSIA8-3	SSIA8-3B	16-Jul-97	1.5	1.5	O	pH	8.1	SU	No
8	SSIA8-3	SSIA8-3C	16-Jul-97	3	3	O	pH	8.1	SU	No
8	SSIA8-3	SSIA8-3D	16-Jul-97	4	4	O	pH	7.9	SU	No
8	SSIA8-4	SSIA8-4A	16-Jul-97	0	1	O	pH	8.8	SU	No
8	SSIA8-4	SSIA8-4B	16-Jul-97	1.5	1.5	O	pH	7.7	SU	No
8	SSIA8-4	SSIA8-4C	14-Jul-97	3	3	O	pH	6.9	SU	No
8	SSIA8-4	SSIA8-4D	14-Jul-97	4	4	O	pH	7.3	SU	No
8	SSIA8-5	SSIA8-5A	16-Jul-97	0	1	O	pH	8.5	SU	No
8	SSIA8-5	SSIA8-5B	16-Jul-97	1.5	1.5	O	pH	8.1	SU	No
8	SSIA8-5	SSIA8-5C	16-Jul-97	3	3	O	pH	8.4	SU	No
8	SSIA8-5	SSIA8-5D	16-Jul-97	4	4	O	pH	8.5	SU	No
8	SSIA8-6	SSIA8-6A	16-Jul-97	0	1	O	pH	8.7	SU	No
8	SSIA8-6	SSIA8-6B	16-Jul-97	1.5	1.5	O	pH	9.1	SU	No
8	SSIA8-6	SSIA8-6C	16-Jul-97	3	3	O	pH	8.3	SU	No
8	SSIA8-6	SSIA8-6D	16-Jul-97	4	4	O	pH	9.3	SU	No
8	SSIA8-7	SSIA8-7A	16-Jul-97	0	1	O	pH	8.6	SU	No
8	SSIA8-7	SSIA8-7B	16-Jul-97	1.5	1.5	O	pH	8.3	SU	No
8	SSIA8-7	SSIA8-7C	16-Jul-97	3	3	O	pH	8.3	SU	No
8	SSIA8-7	SSIA8-7D	16-Jul-97	4	4	O	pH	8.8	SU	No
8	SSIA8-8	SSIA8-8A	16-Jul-97	0	1	O	pH	8.5	SU	No
8	SSIA8-8	SSIA8-8B	16-Jul-97	1.5	1.5	O	pH	8.4	SU	No
8	SSIA8-8	SSIA8-8C	16-Jul-97	3	3	O	pH	8.4	SU	No
8	SSIA8-8	SSIA8-8D	16-Jul-97	4	4	O	pH	8.5	SU	No
8	SSIA8-9	SSIA8-9A	16-Jul-97	0	1	O	pH	8.1	SU	No
8	SSIA8-9	SSIA8-9B	16-Jul-97	1.5	1.5	O	pH	7.9	SU	No
8	SSIA8-9	SSIA8-9C	16-Jul-97	3	3	O	pH	7.8	SU	No
8	SSIA8-9	SSIA8-9D	16-Jul-97	4	4	O	pH	8	SU	No
9	EP-77	EP-77A	04-Jun-97	0.5	0.5	O	pH	7.9	SU	No
9	EP-77	EP-77B	04-Jun-97	20	20	O	pH	8	SU	No
9	EP-77	EP-77C	04-Jun-97	25	25	O	pH	8.8	SU	No
9	EP-77	EP-77D	04-Jun-97	30	30	O	pH	8.7	SU	No
9	EP-77	EP-77E	04-Jun-97	35	35	O	pH	8.8	SU	No
9	EP-77	EP-77F	04-Jun-97	40	40	O	pH	9.3	SU	No
9	EP-77	EP-77G	04-Jun-97	45	45	O	pH	9.3	SU	No
9	EP-77	EP-77H	04-Jun-97	50	50	O	pH	8.8	SU	No
9	EP-88	EP-88A	17-Jun-97	0	0.5	O	pH	8.3	SU	No
9	EP-88	EP-88B	17-Jun-97	5	5	O	pH	8	SU	No
9	EP-88	EP-88C	17-Jun-97	10	10	O	pH	9	SU	No
9	EP-88	EP-88D	17-Jun-97	15	15	O	pH	9.3	SU	No

Appendix D: Site Soil Sample pH Data

**Conceptual Site Model, Pathway Evaluation, and Protective Concentration Level Report
Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
9	EP-88	EP-88E	17-Jun-97	20	20	O	pH	9.6	SU	No
9	EP-88	EP-88F	17-Jun-97	25	25	O	pH	9.7	SU	No
9	EP-88	EP-88G	17-Jun-97	30	30	O	pH	9.7	SU	No
9	EP-88	EP-88H	17-Jun-97	35	35	O	pH	9.5	SU	No
9	EP-88	EP-88-TCLP	17-Jun-97	0	0.5	O	pH	9.7	SU	No
10	EP-89	EP-89A	18-Jun-97	0	0.5	O	pH	7.8	SU	No
10	EP-89	EP-89B	18-Jun-97	5	5	O	pH	8.4	SU	No
10	EP-89	EP-89E	18-Jun-97	20	20	O	pH	9	SU	No
10	EP-89	EP-89F	18-Jun-97	25	25	O	pH	8.9	SU	No
10	EP-89	EP-89G	18-Jun-97	30	30	O	pH	9.6	SU	No
10	EP-89	EP-89H	18-Jun-97	35	35	O	pH	9.1	SU	No
10	EP-89	EP-89I	18-Jun-97	38	38	O	pH	9.6	SU	No
10	EP-89	EP-89-TCLP	20-Jun-97	0	0.5	O	pH	9.5	SU	No
10	SSENT-1	SSENT1-A	17-Jul-97	0	1	O	pH	8	SU	No
10	SSENT-1	SSENT1-B	17-Jul-97	1.5	1.5	O	pH	9	SU	No
10	SSENT-1	SSENT1-C	17-Jul-97	3	3	O	pH	8.7	SU	No
10	SSENT-1	SSENT1-D	17-Jul-97	4	4	O	pH	8.8	SU	No
10	SSENT-2	SSENT2-A	17-Jul-97	0	1	O	pH	8.4	SU	No
10	SSENT-2	SSENT2-B	17-Jul-97	1.5	1.5	O	pH	9.2	SU	No
10	SSENT-2	SSENT2-C	17-Jul-97	3	3	O	pH	8.7	SU	No
10	SSENT-2	SSENT2-D	17-Jul-97	4	4	O	pH	8.8	SU	No
10	SSENT-3	SSENT3-A	17-Jul-97	0	1	O	pH	8	SU	No
10	SSENT-3	SSENT3-B	17-Jul-97	1.5	1.5	O	pH	8.7	SU	No
10	SSENT-4	SSENT4-A	17-Jul-97	0	1	O	pH	8	SU	No
10	SSENT-4	SSENT4-B	17-Jul-97	1.5	1.5	O	pH	9	SU	No
10	SSENT-5	SSENT5-A	17-Jul-97	0	1	O	pH	7.8	SU	No
10	SSENT-5	SSENT5-B	17-Jul-97	1.5	1.5	O	pH	8.9	SU	No
10	SSENT-6	SSENT6-A	17-Jul-97	0	1	O	pH	8.2	SU	No
10	SSENT-6	SSENT6-B	17-Jul-97	1.5	1.5	O	pH	8.6	SU	No
10	SSENT-6	SSENT6-C	17-Jul-97	3	3	O	pH	8.7	SU	No
10	SSENT-6	SSENT6-D	17-Jul-97	4	4	O	pH	7.5	SU	No
10	SSENT-7	SSENT7-A	17-Jul-97	0	1	O	pH	7.8	SU	No
10	SSENT-7	SSENT7-B	17-Jul-97	1.5	1.5	O	pH	9.1	SU	No
10	SSENT-7	SSENT7-C	17-Jul-97	3	3	O	pH	8.9	SU	No
10	SSENT-8	SSENT8-A	17-Jul-97	0	1	O	pH	8.1	SU	No
10	SSENT-8	SSENT8-B	17-Jul-97	1.5	1.5	O	pH	8	SU	No
11	EP-83	EP-83A	11-Jun-97	7	7	O	pH	9	SU	No
11	EP-83	EP-83B	11-Jun-97	15	15	O	pH	9.9	SU	No
11	EP-83	EP-83C	11-Jun-97	20	20	O	pH	9.8	SU	No
11	EP-83	EP-83D	11-Jun-97	25	25	O	pH	9.9	SU	No
11	EP-83	EP-83E	11-Jun-97	30	30	O	pH	9.5	SU	No
11	EP-83	EP-83F	11-Jun-97	35	35	O	pH	9.5	SU	No
11	EP-83	EP-83G	11-Jun-97	40	40	O	pH	9.5	SU	No
11	EP-83	EP-83H	11-Jun-97	45	45	O	pH	8.5	SU	No
11	EP-84	EP-84A	11-Jun-97	0	0.5	O	pH	8.9	SU	No
11	EP-84	EP-84B	11-Jun-97	5	5	O	pH	9	SU	No
11	EP-84	EP-84C	11-Jun-97	10	10	O	pH	8.8	SU	No
11	EP-84	EP-84D	11-Jun-97	15	15	O	pH	8.6	SU	No
11	EP-84	EP-84-TCLP	11-Jun-97	0	0.5	O	pH	9.7	SU	No
11	EP-87	EP-87A	16-Jun-97	0	0.5	O	pH	8.9	SU	No
11	EP-87	EP-87B	16-Jun-97	5	5	O	pH	9	SU	No
11	EP-87	EP-87C	16-Jun-97	10	10	O	pH	8.9	SU	No
11	EP-87	EP-87-TCLP	16-Jun-97	0	0.5	O	pH	9.4	SU	No
12	EP-78	EP-78A	04-Jun-97	23	23	O	pH	8.2	SU	No
12	EP-78	EP-78B	04-Jun-97	25	25	O	pH	8.8	SU	No
12	EP-78	EP-78C	04-Jun-97	30	30	O	pH	9.4	SU	No
12	EP-78	EP-78D	04-Jun-97	40	40	O	pH	9.6	SU	No
12	EP-78	EP-78-TCLP	05-Jun-97	0	0.5	O	pH	9.3	SU	No
12	EP-79	EP-79A	05-Jun-97	10	10	O	pH	9	SU	No

Appendix D: Site Soil Sample pH Data

**Conceptual Site Model, Pathway Evaluation, and Protective Concentration Level Report
Former ASARCO Smelter Site**

IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
12	EP-79	EP-79B	05-Jun-97	15	15	O	pH	9	SU	No
12	EP-79	EP-79C	05-Jun-97	20	20	O	pH	9.2	SU	No
12	EP-79	EP-79E	05-Jun-97	35	35	O	pH	9.3	SU	No
12	EP-79	EP-79F	05-Jun-97	40	40	O	pH	9.4	SU	No
12	EP-79	EP-79G	05-Jun-97	45	45	O	pH	9.3	SU	No
12	EP-79	EP-79-TCLP	06-Jun-97	0	0.5	O	pH	9.4	SU	No
12	EP-82	EP-82A	10-Jun-97	0	0.5	O	pH	9.1	SU	No
12	EP-82	EP-82C	10-Jun-97	10	10	O	pH	9.7	SU	No
12	EP-82	EP-82D	10-Jun-97	15	15	O	pH	9	SU	No
12	EP-82	EP-82E	10-Jun-97	20	20	O	pH	9	SU	No
12	EP-82	EP-82F	10-Jun-97	25	25	O	pH	9	SU	No
12	EP-82	EP-82G	10-Jun-97	30	30	O	pH	9.4	SU	No
12	EP-86	EP-86A	13-Jun-97	0	0.5	O	pH	8.4	SU	No
12	EP-86	EP-86B	13-Jun-97	5	5	O	pH	9.3	SU	No
12	EP-86	EP-86C	13-Jun-97	10	10	O	pH	9.3	SU	No
12	EP-86	EP-86D	13-Jun-97	15	15	O	pH	9.7	SU	No
12	EP-86	EP-86E	13-Jun-97	20	20	O	pH	9.8	SU	No
12	EP-86	EP-86F	13-Jun-97	25	25	O	pH	9.8	SU	No
12	EP-86	EP-86G	13-Jun-97	30	30	O	pH	9.8	SU	No
12	EP-86	EP-86H	13-Jun-97	35	35	O	pH	9.9	SU	No
12	EP-86	EP-86I	13-Jun-97	40	40	O	pH	9.8	SU	No
12	EP-86	EP-86J	13-Jun-97	45	45	O	pH	10	SU	No
12	EP-86	EP-86K	13-Jun-97	50	50	O	pH	9.6	SU	No
12	EP-86	EP-86L	13-Jun-97	55	55	O	pH	9.6	SU	No
12	EP-86	EP-86M	13-Jun-97	60	60	O	pH	9.7	SU	No
12	EP-86	EP-86-TCLP	13-Jun-97	0	0.5	O	pH	9.8	SU	No
12	RI1BH1	RI1BH-1A	19-Jun-97	40	40	O	pH	7.9	SU	No
12	RI1BH1	RI1BH-1C	19-Jun-97	50	50	O	pH	8.5	SU	No
12	RI1BH1	RI1BH-1D	19-Jun-97	55	55	O	pH	9	SU	No
12	RI1BH1	RI1BH-1E	19-Jun-97	60	60	O	pH	9.2	SU	No
12	RI1BH1	RI1BH-1F	19-Jun-97	62	62	O	pH	9.5	SU	No
14	EP-70R	EP-70RA	12-Jun-97	9	9	O	pH	7.9	SU	No
14	EP-70R	EP-70RB	12-Jun-97	15	15	O	pH	9.1	SU	No
14	EP-70R	EP-70RC	12-Jun-97	20	20	O	pH	9	SU	No
14	EP-70R	EP-70RD	12-Jun-97	25	25	O	pH	9.4	SU	No
14	EP-70R	EP-70RE	12-Jun-97	30	30	O	pH	9.1	SU	No
14	EP-70R	EP-70RF	12-Jun-97	35	35	O	pH	8.9	SU	No
14	EP-70R	EP-70RG	12-Jun-97	40	40	O	pH	9.2	SU	No
14	EP-70R	EP-70RH	12-Jun-97	45	45	O	pH	9.1	SU	No
14	EP-70R	EP-70RI	12-Jun-97	50	50	O	pH	9.6	SU	No
14	EP-70R	EP-70RJ	12-Jun-97	55	55	O	pH	9.7	SU	No
14	EP-70R	EP-70RK	12-Jun-97	60	60	O	pH	9.5	SU	No
14	EP-70R	EP-70RL	12-Jun-97	65	65	O	pH	9.5	SU	No
14	EP-70R	EP-70RM	12-Jun-97	70	70	O	pH	9.4	SU	No
14	EP-70R	EP-70R-TCLP	12-Jun-97	0	0.5	O	pH	9.6	SU	No
14	EP-70	EP-70-TCLP	01-Jun-97	0	0.5	O	pH	9	SU	No
14	EP-71R	EP-71RA	11-Jun-97	0	0.5	O	pH	6.7	SU	No
14	EP-71R	EP-71RB	11-Jun-97	5	5	O	pH	10	SU	No
14	EP-71R	EP-71RC	11-Jun-97	10	10	O	pH	9.7	SU	No
14	EP-71R	EP-71RD	11-Jun-97	15	15	O	pH	9.3	SU	No
14	EP-71R	EP-71RE	12-Jun-97	20	20	O	pH	9.6	SU	No
14	EP-71R	EP-71RF	12-Jun-97	25	25	O	pH	9.4	SU	No
14	EP-71R	EP-71RG	12-Jun-97	30	30	O	pH	9.5	SU	No
14	EP-71R	EP-71RH	12-Jun-97	35	35	O	pH	9.3	SU	No
14	EP-71R	EP-71RI	12-Jun-97	40	40	O	pH	8.9	SU	No
14	EP-71R	EP-71RJ	12-Jun-97	45	45	O	pH	9.2	SU	No
14	EP-71R	EP-71RK	12-Jun-97	50	50	O	pH	9.6	SU	No
14	EP-71R	EP-71RL	12-Jun-97	60	60	O	pH	9.6	SU	No
14	EP-71R	EP-71R-TCLP	12-Jun-97	0	0.5	O	pH	9.7	SU	No

Appendix D: Site Soil Sample pH Data

**Conceptual Site Model, Pathway Evaluation, and Protective Concentration Level Report
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IA	StationName	FieldSampleID	SampleDate	ModSampleTop	ModSampleBase	QCSampleCode	Parameter	Result2	Units	Excavated
14	EP-71	EP-71-TCLP	01-Jun-97	0	0.5	O	pH	9.1	SU	No
14	EP-72	EP-72-TCLP	02-Jun-97	0	0.5	O	pH	9.4	SU	No
16	EP-74	EP-74-TCLP	03-Jun-97	0	0.5	O	pH	9.4	SU	No
	AP-SB01	AP-SB01-0.5	09-Aug-11	0	0.5	O	pH	6.97 J	SU	No
	AP-SB01	AP-SB01-1.5	09-Aug-11	1	1.5	O	pH	8.56 J	SU	No
	AP-SB01	AP-SB01-3.5	09-Aug-11	3	3.5	O	pH	8.71 J	SU	No
	AP-SB01	AP-SB01-5.0	09-Aug-11	4.5	5	O	pH	8.74 J	SU	No
	AP-SB02	AP-SB02-0.5	09-Aug-11	0	0.5	O	pH	7.92 J	SU	No
	AP-SB02	AP-SB02-1.5	09-Aug-11	1	1.5	O	pH	7.86 J	SU	No
	AP-SB02	AP-SB02-3.5	09-Aug-11	3	3.5	O	pH	8.06 J	SU	No
	AP-SB02	AP-SB02-5.0	09-Aug-11	4.5	5	O	pH	8.38 J	SU	No
	41154	EPRI-0309-218	13-Mar-09	0	0.5	O	pH	7.87	SU	No
	41156	EPRI-0309-219	13-Mar-09	0	0.5	O	pH	7.94	SU	No
	41161	EPRI-0309-220	13-Mar-09	0	0.5	O	pH	8.05	SU	No
	41162	EPRI-0309-221	13-Mar-09	0	0.5	O	pH	8.33	SU	No
	41163	EPRI-0309-222	13-Mar-09	0	0.5	O	pH	7.43	SU	No
	41164	EPRI-0309-223	13-Mar-09	0	0.5	O	pH	7.47	SU	No
	41165	EPRI-0309-224	13-Mar-09	0	0.5	O	pH	7.68	SU	No
	41154	EPRI-0309-245	13-Mar-09	0	0.5	FD	pH	8.22	SU	No