Appendix A

SAP Table

Table A-1. Sampling and Analysis Plan.

Sample Location					Enter Analysis Type (AT) and Quantity Requested					
Sample Identifier[1]	Sample Type	Media	Collection Type	Planned Date	Area	Location	Location Type	Depth (ft)	AT1	AT2
Judgment or Biased Samples										
1RA101	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA102	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA103	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA104	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA110	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Piping Location 1	0–2	1	—
1RA111	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Piping Location 1	2–4	1	—
1RA112	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Piping Location 2	0–2	1	—
1RA113	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Piping Location 2	2–4	1	—
1RA114	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Piping Location 3	0–2	1	—
1RA115	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Piping Location 3	2–4	1	—
1RA116	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Piping Location 4	0–2	1	—
1RA117	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Biased Piping Location 4	2–4	2	—
1RA120	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 1	0–2	1	—
1RA121	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Biased Excavation Location 1	2–4	2	—
1RA122	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA123	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA124	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 2	0–2	1	—
1RA125	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 2	2–4	1	—
1RA126	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 3	0–2	1	—
1RA127	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 3	2–4	1	—
1RA128	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 4	0–2	1	—
1RA129	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 4	2–4	1	—

Table A-1. (continued).

Sample Location					Enter Analysis Type (AT) and Quantity Requested					
Sample Identifier[1]	Sample Type	Media	Collection Type	Planned Date	Area	Location	Location Type	Depth (ft)	AT1	AT2
Judgment or Biased Samples										
1RA130	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 5	0–2	1	—
1RA131	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 5	2–4	1	—
1RA132	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Biased Excavation Location 6	0–2	2	—
1RA133	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Biased Excavation Location 6	2–4	1	—
1RA134	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA135	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA136	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Tank V-9 Location 1	0–2	1	—
1RA137	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Tank V-9 Location 1	2–4	1	—
1RA138	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Tank V-9 Location 2	0–2	1	—
1RA139	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Tank V-9 Location 2	2–4	2	—
1RA140	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Valve Pit Location 1	0–2	1	—
1RA141	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Valve Pit Location 1	2–4	1	—
1RA142	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Valve Pit Location 2	0–2	1	—
1RA143	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Valve Pit Location 2	2–4	2	—
1RA144	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA145	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA501	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA502	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA503	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-10 (spring line to tank bottom)	0-2	1	—
1RA504	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-10 (spring line to tank bottom)	2-4	1	—
1RA505	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-10 (spring line to tank bottom)	4-6	1	—
1RA506	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-9 (spring line to tank bottom)	0-2	1	—

Table A-1. (continued).

Sample Location					Enter Analysis Type (AT) and Quantity Requested					
Sample Identifier[1]	Sample Type	Media	Collection Type	Planned Date	Area	Location	Location Type	Depth (ft)	AT1	AT2
Judgment or Biased Samples										
1RA507	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-9 (spring line to tank bottom)	2-4	1	—
1RA508	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-9 (spring line to tank bottom)	4-6	1	—
1RA509	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-7 (spring line to tank bottom)	0-2	1	—
1RA510	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-7 (spring line to tank bottom)	2-4	1	—
1RA511	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-7 (spring line to tank bottom)	4-6	1	—
1RA512	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Grid E-7 (spring line to tank bottom)	2-4	2	—
1RA513	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA514	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA515	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-6 (spring line to tank bottom)	0-2	1	—
1RA516	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-6 (spring line to tank bottom)	2-4	1	—
1RA517	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-6 (spring line to tank bottom)	4-6	1	—
1RA518	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-5 (spring line to tank bottom)	0-2	1	—
1RA519	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-5 (spring line to tank bottom)	2-4	1	—
1RA520	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-5 (spring line to tank bottom)	4-6	1	—
1RA521	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-4 (spring line to tank bottom)	0-2	1	—
1RA522	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-4 (spring line to tank bottom)	2-4	1	—
1RA523	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-4 (spring line to tank bottom)	4-6	1	—

Table A-1. (continued).

Sample Location					Enter Analysis Type (AT) and Quantity Requested					
Sample Identifier[1]	Sample Type	Media	Collection Type	Planned Date	Area	Location	Location Type	Depth (ft)	AT1	AT2
Judgment or Biased Samples										
1RA524	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Grid E-4 (spring line to tank bottom)	2-4	2	—
1RA525	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA526	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA527	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-4 (spring line to tank bottom)	0-2	1	—
1RA528	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-4 (spring line to tank bottom)	2-4	1	—
1RA529	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-4 (spring line to tank bottom)	4-6	1	—
1RA530	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-2 (spring line to tank bottom)	0-2	1	—
1RA531	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-2 (spring line to tank bottom)	2-4	1	—
1RA532	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-2 (spring line to tank bottom)	4-6	1	—
1RA533	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid A-3 (spring line to tank bottom)	0-2	1	—
1RA534	REG	Soil	GRAD	TBD	TAN	TSF-09/18	Grid A-3 (spring line to tank bottom)	2-4	1	—
1RA535	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid A-3 (spring line to tank bottom)	4-6	1	—
1RA536	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Grid A-3 (spring line to tank bottom)	2-4	2	—
1RA537	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA538	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA539	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-2 (spring line to tank bottom)	0-2	1	—
1RA540	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-2 (spring line to tank bottom)	2-4	1	—
1RA541	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-2 (spring line to tank bottom)	4-6	1	—

Table A-1. (continued).

Sample Location					Enter Analysis Type (AT) and Quantity Requested					
Sample Identifier[1]	Sample Type	Media	Collection Type	Planned Date	Area	Location	Location Type	Depth (ft)	AT1	AT2
Judgment or Biased Samples										
1RA201	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	—	—	—
1RA202	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	—	—	—
1RA203	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-10	0–2	1	—
1RA204	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-10	2–4	1	—
1RA205	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-9	0–2	1	—
1RA206	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-9	2–4	1	—
1RA207	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-7	0–2	1	—
1RA208	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-7	2–4	1	—
1RA209	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-6	0–2	1	—
1RA210	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Grid B-6	2–4	2	—
1RA211	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA212	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA213	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-5	0–2	1	—
1RA214	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-5	2–4	1	—
1RA215	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-4	0–2	1	—
1RA216	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid E-4	2–4	1	—
1RA217	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-4	0–2	1	—
1RA218	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid B-4	2–4	1	—
1RA219	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid D-2	0–2	1	—
1RA220	REG/QC	Soil	GRAB/DUP	TBD	TAN	TSF-09/18	Grid D-2	2–4	2	—
1RA221	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA222	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—
1RA223	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid A-3	0–2	1	—
1RA224	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid A-3	2–4	1	—
1RA225	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-2	0–2	1	—
1RA226	REG	Soil	GRAB	TBD	TAN	TSF-09/18	Grid C-2	2–4	1	—
1RA231	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	1	—
1RA232	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	1	—

Table A-1. (continued).

Sample Location					Enter Analysis Type (AT) and Quantity Requested					
Sample Identifier[1]	Sample Type	Media	Collection Type	Planned Date	Area	Location	Location Type	Depth (ft)	AT1	AT2
Judgment or Biased Samples										
1RA301	QC	Water	FBLNK	TBD	TAN	TSF-09/18	FBLNK	NA	—	1
1RA302	QC	Water	RNST	TBD	TAN	TSF-09/18	RNST	NA	—	1
1RA303	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 1	NA	—	1
1RA304	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 2	NA	—	1
1RA305	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 3	NA	—	1
1RA306	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 4	NA	—	1
1RA307	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 5	NA	—	1
1RA308	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 6	NA	—	1
1RA309	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 7	NA	—	1
1RA310	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 8	NA	—	1
1RA311	REG	TBD	GRAB	TBD	TAN	TSF-09/18	Secondary Waste 9	NA	—	1
1RA312	REG/QC	TBD	GRAB/DUP	TBD	TAN	TSF-09/18	Secondary Waste 10	NA	—	2

Notes:

1. These sample numbers are tentative and are subject to change. Actual sample numbers will be assigned by the INEEL Sample Management Office to ensure unique sample numbers.

AT1: Gamma spectroscopy, gross alpha, gross beta, Sr-89/90, SW-846 8260 VOCs, SW-846 8270, total metals, PCBs

AT2: Gamma spectroscopy, gross alpha, gross beta, Sr-89/90, TCLP VOCs, TCLP SVOCs, TCLP metals