

Table B-1.1-1
Summary of Samples Collected for Analyses at the Area of Elevated Radioactivity, Consolidated Unit 21-018(a)-99

Location ID	Sample ID	Sample Collection Date	Media	Depth (ft bgs)	Field QC Type	Anions	Metals	Asbestos	Cyanide	Nitrates	Perchlorate	pH	Dioxins/ Furans
Preexcavation Samples													
21-27005	MD21-06-73535	9/19/06	Fill	0.5–1.0	n/a ^a	NA ^b	NA	NA	NA	NA	NA	NA	NA
21-27005	MD21-06-73536	9/19/06	Soil	2.0–2.5	n/a	NA	NA	NA	NA	NA	NA	NA	NA
21-27005	MD21-06-73537	9/19/06	QBT3	3.0–3.0	n/a	NA	NA	NA	NA	NA	NA	NA	NA
21-27005	RE21-07-6040	9/10/07	QBT3	5.0–5.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-27005	RE21-07-6053	9/10/07	QBT3	5.0–5.5	FD ^c	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-27005	RE21-07-6057	9/10/07	ALLH	— ^d	FTB ^e	NA	NA	NA	NA	NA	NA	NA	NA
21-27005	RE21-07-6059	9/10/07	n/a	—	FR ^f	NA	SW-846 6020/7470A	NA	SW-846 9012A	EPA 353.1	SW-846 6850	NA	NA
21-27006	MD21-06-73538	9/20/06	Soil	2.0–2.5	n/a	NA	NA	NA	NA	NA	NA	NA	NA
21-600105	RE21-07-601	5/17/07	ALLH	2.0–2.5	n/a	NA	NA	NA	NA	NA	NA	NA	NA
21-600105	RE21-07-6042	8/22/07	ALLH	2.0–2.5	n/a	EPA 300.0/314.0	SW-846 6010B/6020/7471A	NA	SW-846 9012A	NA	NA	SW-846 9045C	NA
Postexcavation Samples													
21-24534	RE21-07-6043	9/10/07	QBT3	2.0–2.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-24534	RE21-07-6044	9/10/07	QBT3	3.0–3.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-27005	RE21-07-6041	9/10/07	QBT3	7.0–7.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-600106	RE21-07-603	5/29/07	Soil	2.0–2.5	n/a	NA	SW-846 6010B/6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	NA	SW-846 8290
21-600106	RE21-07-6055	9/10/07	Soil	2.0–2.5	n/a	EPA 300.0	SW-846 6020/7471A	NA	SW-846 9012A	NA	SW-846 6850	NA	NA
21-600106	RE21-07-604	5/29/07	QBT3	3.0–3.5	n/a	NA	SW-846 6010B/6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	NA	SW-846 8290
21-600106	RE21-07-6056	9/10/07	QBT3	3.0–3.5	n/a	EPA 300.0	SW-846 6020/7471A	NA	SW-846 9012A	NA	SW-846 6850	NA	NA
21-601264	RE21-07-6045	9/10/07	QBT3	2.0–2.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-601264	RE21-07-6046	9/10/07	QBT3	3.0–3.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-601265	RE21-07-6047	9/10/07	QBT3	5.0–5.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-601265	RE21-07-6048	9/10/07	QBT3	7.0–7.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-601266	RE21-07-6049	9/10/07	QBT3	5.0–5.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-601266	RE21-07-6050	9/10/07	QBT3	7.0–7.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-601267	RE21-07-6051	9/7/07	QBT3	5.0–5.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA
21-601268	RE21-07-6052	9/10/07	QBT3	5.0–5.5	n/a	EPA 300.0	SW-846 6020/7471A	EPA 600M4	SW-846 9012A	NA	SW-846 6850	SW-846 9045C	NA

Table B-1.1-1 (continued)

Location ID	Sample ID	Sample Collection Date	Media	Depth (ft bgs)	Field QC Type	PCBs	SVOCs	VOCs	Gamma Spectroscopy ^g	Tritium	Isotopic Plutonium	Isotopic Uranium	Americium-241	Strontium-90
Preexcavation Samples														
21-27005	MD21-06-73535	9/19/06	Fill	0.5–1.0	n/a	NA	NA	NA	EPA 901.1	NA	HASL-300	HASL-300	HASL-300	NA
21-27005	MD21-06-73536	9/19/06	Soil	2.0–2.5	n/a	NA	NA	NA	EPA 901.1	NA	HASL-300	HASL-300	HASL-300	NA
21-27005	MD21-06-73537	9/19/06	QBT3	3.0–3.0	n/a	NA	NA	NA	EPA 901.1	NA	HASL-300	HASL-300	HASL-300	NA
21-27005	RE21-07-6040	9/10/07	QBT3	5.0–5.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-27005	RE21-07-6053	9/10/07	QBT3	5.0–5.5	FD	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-27005	RE21-07-6057	9/10/07	ALLH	—	FTB	NA	NA	SW-846 8260B	NA	NA	NA	NA	NA	NA
21-27005	RE21-07-6059	9/10/07	n/a	—	FR	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-27006	MD21-06-73538	9/20/06	Soil	2.0–2.5	n/a	NA	NA	NA	EPA 901.1	NA	HASL-300	HASL-300	HASL-300	NA
21-600105	RE21-07-601	5/17/07	ALLH	2.0–2.5	n/a	NA	NA	NA	EPA 901.1	NA	HASL-300	HASL-300	NA	EPA 905.0
21-600105	RE21-07-6042	8/22/07	ALLH	2.0–2.5	n/a	NA	SW-846 8270C	SW-846 8260B	NA	NA	NA	NA	NA	NA
Postexcavation Samples														
21-24534	RE21-07-6043	9/10/07	QBT3	2.0–2.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-24534	RE21-07-6044	9/10/07	QBT3	3.0–3.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-27005	RE21-07-6041	9/10/07	QBT3	7.0–7.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-600106	RE21-07-603	5/29/07	Soil	2.0–2.5	n/a	SW-846 8082	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	NA	EPA 905.0
21-600106	RE21-07-6055	9/10/07	Soil	2.0–2.5	n/a	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-600106	RE21-07-604	5/29/07	QBT3	3.0–3.5	n/a	SW-846 8082	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	NA	EPA 905.0
21-600106	RE21-07-6056	9/10/07	QBT3	3.0–3.5	n/a	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-601264	RE21-07-6045	9/10/07	QBT3	2.0–2.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-601264	RE21-07-6046	9/10/07	QBT3	3.0–3.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-601265	RE21-07-6047	9/10/07	QBT3	5.0–5.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-601265	RE21-07-6048	9/10/07	QBT3	7.0–7.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-601266	RE21-07-6049	9/10/07	QBT3	5.0–5.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-601266	RE21-07-6050	9/10/07	QBT3	7.0–7.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-601267	RE21-07-6051	9/7/07	QBT3	5.0–5.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0
21-601268	RE21-07-6052	9/10/07	QBT3	5.0–5.5	n/a	NA	SW-846 8270C	SW-846 8260B	EPA 901.1	EPA 906.0	HASL-300	HASL-300	HASL-300	EPA 905.0

^a n/a = Not applicable.
^b NA = Not analyzed.
^c FD = Field duplicate.
^d — = Field trip blank or rinsate; sample interval not applicable.
^e FTB = Field trip blank.
^f FR = Field rinsate.
^g Thorium-228 was not analyzed for in the postexcavation samples.

Table B-2.0-1
Results of Inorganic Chemicals above BVs at the Area of Elevated Radioactivity, Consolidated Unit 21-018(a)-99

Location ID	Sample ID	Media	Depth (ft bgs)	Asbestos	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper
Soil BV				na ^a	29200	0.83	8.17	295	1.83	0.4	6120	19.3	8.64	14.7
QBT3 BV				na	7340	0.5	2.79	46	1.21	1.63	2200	7.14	3.14	4.66
SSL Residential				na	77800	31.3	3.9	15600	156	39	na	2100 ^b	1520	3130
Preexcavation Samples														
21-27005	MD21-06-73535	Fill	0.5–1.0	— ^c	—	—	—	—	—	—	—	—	—	—
21-27005	MD21-06-73536	Soil	2.0–2.5	—	—	—	—	—	—	—	—	—	—	—
21-27005	MD21-06-73537	QBT3	3.0–3.0	—	—	—	—	—	—	—	—	—	—	—
21-27005	RE21-07-6040	QBT3	5.0–5.5	—	—	—	—	—	—	—	3270 (U)	10.8	—	5 (U)
21-27006	MD21-06-73538	Soil	2.0–2.5	—	—	—	—	—	—	—	—	—	—	—
21-600105	RE21-07-601	ALLH	2.0–2.5	—	—	—	—	—	—	—	—	—	—	—
21-600105	RE21-07-6042	ALLH	2.0–2.5	—	—	21 (J)	27 (J)	830 (J)	—	51 (J)	6200 (J)	980 (J)	18 (J)	690 (J)
Postexcavation Samples														
21-24534	RE21-07-6043	QBT3	2.0–2.5	—	—	—	—	—	—	—	—	—	—	—
21-24534	RE21-07-6044	QBT3	3.0–3.5	—	—	—	—	51.6 (J)	—	—	—	10.3	—	—
21-27005	RE21-07-6041	QBT3	7.0–7.5	—	—	0.58 (UJ)	—	—	—	—	—	11.6	—	—
21-600106	RE21-07-603	Soil	2.0–2.5	—	—	—	—	—	—	0.553 (U)	—	21.4	—	—
21-600106	RE21-07-6055	Soil	2.0–2.5	—	—	—	—	—	—	—	—	—	—	—
21-600106	RE21-07-604	QBT3	3.0–3.5	—	—	—	—	49.4	—	—	—	26	—	—
21-600106	RE21-07-6056	QBT3	3.0–3.5	—	—	—	—	57.7 (J)	—	—	—	—	—	—
21-601264	RE21-07-6045	QBT3	2.0–2.5	—	—	—	—	—	—	—	—	—	—	—
21-601264	RE21-07-6046	QBT3	3.0–3.5	—	—	—	—	—	—	—	—	—	—	—
21-601265	RE21-07-6047	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	9.9	—	17.2 (U)
21-601265	RE21-07-6048	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	—	—
21-601266	RE21-07-6049	QBT3	5.0–5.5	—	—	—	—	86.4 (J)	—	—	4870 (U)	—	—	5.5 (U)
21-601266	RE21-07-6050	QBT3	7.0–7.5	—	—	0.55 (UJ)	—	—	—	—	—	15.2	—	—
21-601267	RE21-07-6051	QBT3	5.0–5.5	—	8550	—	—	54.3 (J-)	1.3 (J-)	—	—	—	—	—
21-601268	RE21-07-6052	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	8.3	—	—

Table B-2.0-1 (continued)

Location ID	Sample ID	Media	Depth (ft bgs)	Lead	Magnesium	Mercury	Nickel	Nitrate	Selenium	Silver	Uranium	Vanadium	Zinc
Soil BV				22.3	4610	0.1	15.4	na	1.52	1	1.82	39.6	48.8
QBT3 BV				11.2	1690	0.1	6.58	na	0.3	1	2.40	17.0	63.5
SSL Residential				400	na	23 ^d	1560	100000	391	391	16 ^e	78.2	23500
Preexcavation Samples													
21-27005	MD21-06-73535	Fill	0.5–1.0	—	—	—	—	—	—	—	—	—	—
21-27005	MD21-06-73536	Soil	2.0–2.5	—	—	—	—	—	—	—	—	—	—
21-27005	MD21-06-73537	QBT3	3.0–3.0	—	—	—	—	—	—	—	—	—	—
21-27005	RE21-07-6040	QBT3	5.0–5.5	—	—	0.722 (J)	—	0.11 (J)	0.56 (U)	—	9.9	—	—
21-27006	MD21-06-73538	Soil	2.0–2.5	—	—	—	—	—	—	—	—	—	—
21-600105	RE21-07-601	ALLH	2.0–2.5	—	—	—	—	—	—	—	—	—	—
21-600105	RE21-07-6042	ALLH	2.0–2.5	770 (J)	—	80 (J)	100 (J)	—	3.8 (J)	26 (J)	3100 (J)	170 (J)	2100 (J)
Postexcavation Samples													
21-24534	RE21-07-6043	QBT3	2.0–2.5	—	—	—	—	2.2	0.53 (U)	—	—	—	—
21-24534	RE21-07-6044	QBT3	3.0–3.5	14.3 (U)	—	—	7 (U)	1.3	0.53 (U)	—	—	—	—
21-27005	RE21-07-6041	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	—
21-600106	RE21-07-603	Soil	2.0–2.5	—	—	—	—	—	—	—	—	—	—
21-600106	RE21-07-6055	Soil	2.0–2.5	—	—	—	—	0.19 (J)	—	—	—	—	—
21-600106	RE21-07-604	QBT3	3.0–3.5	—	—	—	6.71	—	0.849 (J)	—	—	—	—
21-600106	RE21-07-6056	QBT3	3.0–3.5	—	—	—	—	0.22	0.53 (U)	—	—	—	—
21-601264	RE21-07-6045	QBT3	2.0–2.5	—	—	—	—	0.8	0.55 (U)	—	—	—	—
21-601264	RE21-07-6046	QBT3	3.0–3.5	—	—	—	—	—	0.54 (U)	—	—	—	—
21-601265	RE21-07-6047	QBT3	5.0–5.5	—	—	—	11.3 (U)	0.92	0.53 (U)	—	—	—	—
21-601265	RE21-07-6048	QBT3	7.0–7.5	—	—	—	—	0.27	—	—	—	—	—
21-601266	RE21-07-6049	QBT3	5.0–5.5	14.4 (J)	—	—	—	1.3	0.55 (U)	—	4.2 (U)	—	—
21-601266	RE21-07-6050	QBT3	7.0–7.5	—	—	—	8.1 (U)	—	—	—	—	—	—
21-601267	RE21-07-6051	QBT3	5.0–5.5	—	2310 (J-)	—	—	0.54 (J)	0.32 (J)	—	—	—	—
21-601268	RE21-07-6052	QBT3	5.0–5.5	—	—	—	—	0.24	—	—	—	—	—

Sources: BVs from LANL (1998 059730). SSLs from NMED (2006 092513).

Notes: Units are mg/kg. Data qualifiers are defined in Appendix A.

^a na = Not available.

^b SSL from Region 6 EPA (2007, 095866) and is corrected to 10⁻⁵ cancer risk.

^c — = If analyzed, sample result is less than BV. If no BV is available, analyte was not detected.

^d SSL from Region 6 EPA (2007, 095866).

^e SSL from Region 9 EPA 2004 (<http://www.epa.gov/region09/waste/sfund/prg/>).

Table B-3.0-1
Results of Radionuclides Detected or Detected above BVs/FVs at the Area of Elevated Radioactivity, Consolidated Unit 21-018(a)-99

Location ID	Sample ID	Media	Depth (ft bgs)	Americium-241	Cesium-137	Cobalt-60	Plutonium-238	Plutonium-239	Strontium-90	Thorium-228	Tritium	Uranium-234	Uranium-235	Uranium-238
Soil BV/FV ^a				0.013	1.65	na ^b	0.023	0.054	1.31	2.28	na	2.59	0.2	2.29
QBT3 BV/FV				na	na	na	na	na	na	2.52	na	1.98	0.09	1.93
SAL Residential				30	5.6	1.3	37	33	5.7	2.3	750	170	17	86
Preexcavation Samples														
21-27005	MD21-06-73535	Fill	0.5–1.0	17.5 ^c	1.41	— ^d	0.729	115	—	—	—	18.6	1.09 ^c	10.1
21-27005	MD21-06-73536	Soil	2.0–2.5	6.92 ^c	0.438	—	0.328	62.0	—	—	—	16.5	0.998 ^c	7.93
21-27005	MD21-06-73537	QBT3	3.0–3.0	4.62 ^c	0.504	—	0.596	51.2	—	—	—	9.49	0.523 ^c	4.99
21-27005	RE21-07-6040	QBT3	5.0–5.5	2.62 ^c	0.141	—	0.480 (J)	37.6 (J)	—	—	—	7.79	0.308 ^c	4.72
21-27006	MD21-06-73538	Soil	2.0–2.5	40.8 ^c	2.05	—	2.08	322	—	—	—	140	8.67 ^c	71.5
21-600105	RE21-07-601	ALLH	2.0–2.5	712 (J)	38.9 (J)	0.090 (J)	28.2 (J+)	3723 (J+)	43.0 (J)	3.32 (J)	—	2332 (J)	121 (J) ^c	1181 (J)
Postexcavation Samples														
21-24534	RE21-07-6043	QBT3	2.0–2.5	—	—	—	—	—	—	NA ^e ==	—	—	—	—
21-24534	RE21-07-6044	QBT3	3.0–3.5	—	—	—	—	—	—	NA==	—	—	—	—
21-27005	RE21-07-6041	QBT3	7.0–7.5	—	—	—	—	0.928	—	NA==	—	—	—	—
21-600106	RE21-07-603	Soil	2.0–2.5	—	—	—	—	—	—	NA==	0.131	—	—	—
21-600106	RE21-07-604	QBT3	3.0–3.5	—	—	—	—	0.0908	—	NA==	0.033	—	—	—
21-601264	RE21-07-6045	QBT3	2.0–2.5	—	—	—	—	0.097	—	NA==	—	—	—	—
21-601264	RE21-07-6046	QBT3	3.0–3.5	—	—	—	—	—	—	NA==	—	—	—	—
21-601265	RE21-07-6047	QBT3	5.0–5.5	0.356 (J-)	—	—	—	6.76	1.12	NA==	0.700	—	—	—
21-601265	RE21-07-6048	QBT3	7.0–7.5	—	—	—	—	1.08	—	NA==	0.680	—	—	—
21-601266	RE21-07-6049	QBT3	5.0–5.5	—	—	—	—	2.91	—	NA==	—	—	—	—
21-601266	RE21-07-6050	QBT3	7.0–7.5	—	—	—	—	0.073 (J)	—	NA==	—	—	—	—
21-601267	RE21-07-6051	QBT3	5.0–5.5	—	—	—	—	0.364	—	NA==	—	—	—	—
21-601268	RE21-07-6052	QBT3	5.0–5.5	—	0.096	—	0.095	2.99	—	NA==	—	—	—	—

Sources: BVs/FVs from LANL (1998 059730). SALs from LANL (2005 088493).

Notes: Units are pCi/g. Data qualifiers are defined in Appendix A.

^a Applies only to samples from 0 to 0.5 ft bgs.

^b na = Not available.

^c Detected above BV by either EPA Method 901.1 or HASL-300. Most conservative (higher or detected) value shown.

^d — = If analyzed, sample result is below the detection limit or is less than BV. If no BV is available, analyte was not detected.

^e ~~NA = Not analyzed; see the Summary of Samples Collected table.~~

Table B-4.0-1
Results of Organic Chemicals Detected at the Area of Elevated Radioactivity, Consolidated Unit 21-018(a)-99

Location ID	Sample ID	Media	Depth (ft bgs)	Di-n-butylphthalate	Dichlorobenzene[1,3-]	Dichlorobenzene[1,4-]	Bis(2-ethylhexyl)phthalate	Fluoranthene	Heptachlorodibenzodioxin [1,2,3,4,6,7,8-]	Heptachlorodibenzofuran [1,2,3,4,6,7,8-]	Heptachlorodibenzofuran [1,2,3,4,6,7,9-]	Hexachlorodibenzodioxin [1,2,3,4,7,8-]	Hexachlorodibenzodioxin [1,2,3,6,7,8-]
SSL Residential				6110	32.6	39.5	347	2290	na ^a	na	na	na	
Preexcavation Samples													
21-27005	RE21-07-6040	QBT3	5.0–5.5	0.12 (J)	— ^b	—	—	—	—	—	—	—	
21-600105	RE21-07-6042	ALLH	2.0–2.5	6 (J-)	—	—	1.8 (J-)	—	—	—	—	—	
Postexcavation Samples													
21-24534	RE21-07-6043	QBT3	2.0–2.5	—	—	—	—	—	—	—	—	—	
21-24534	RE21-07-6044	QBT3	3.0–3.5	—	—	—	—	—	—	—	—	—	
21-27005	RE21-07-6041	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	
21-600106	RE21-07-603	Soil	2.0–2.5	—	—	—	—	—	0.00000321	—	—	—	
21-600106	RE21-07-604	QBT3	3.0–3.5	—	—	—	—	—	0.00000579	0.00000106 (J)	0.000000175 (J)	0.000000334 (J)	0.00000149
21-601264	RE21-07-6045	QBT3	2.0–2.5	—	—	—	—	—	—	—	—	—	
21-601264	RE21-07-6046	QBT3	3.0–3.5	—	—	—	—	—	—	—	—	—	
21-601265	RE21-07-6047	QBT3	5.0–5.5	—	0.00016 (J-)	0.00019 (J-)	—	—	—	—	—	—	
21-601265	RE21-07-6048	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	
21-601266	RE21-07-6049	QBT3	5.0–5.5	—	—	—	—	0.037 (J)	—	—	—	—	
21-601266	RE21-07-6050	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	
21-601267	RE21-07-6051	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	—	
21-601268	RE21-07-6052	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	—	

Table B-4.0-1 (continued)

Location ID	Sample ID	Media	Depth (ft bgs)	Hexachlorodibenzodioxin [1,2,3,7,8,9-]	Hexachlorodibenzofuran [1,2,3,4,7,8-]	Hexachlorodibenzofuran [1,2,3,6,7,8-]	Hexachlorodibenzofuran [2,3,4,6,7,8-]	Methylene chloride	Octachlorodibenzodioxin [1,2,3,4,6,7,8,9-]	Octachlorodibenzofuran [1,2,3,4,6,7,8,9-]	Pentachlorodibenzodioxin [1,2,3,7,8-]	Pentachlorodibenzofuran [1,2,3,7,8-]	Toluene
SSL Residential				na	na	na	na	182	na	na	na	na	252
Preexcavation Samples													
21-27005	RE21-07-6040	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	—	—
21-600105	RE21-07-6042	ALLH	2.0–2.5	—	—	—	—	—	—	—	—	—	—
Postexcavation Samples													
21-24534	RE21-07-6043	QBT3	2.0–2.5	—	—	—	—	0.0029 (J)	—	—	—	—	—
21-24534	RE21-07-6044	QBT3	3.0–3.5	—	—	—	—	0.011	—	—	—	—	—
21-27005	RE21-07-6041	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	—
21-600106	RE21-07-603	Soil	2.0–2.5	—	—	—	—	—	0.0000278	0.00000139 (J)	—	—	—
21-600106	RE21-07-604	QBT3	3.0–3.5	0.00000114 (J)	0.000000338 (J)	0.00000017 (J)	0.000000219 (J)	—	0.0000298	0.00000302 (J)	0.000000327 (J)	0.0000003 (J)	—
21-601264	RE21-07-6045	QBT3	2.0–2.5	—	—	—	—	0.0029 (J)	—	—	—	—	—
21-601264	RE21-07-6046	QBT3	3.0–3.5	—	—	—	—	0.015	—	—	—	—	0.00018 (J)
21-601265	RE21-07-6047	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	—	0.00017 (J-)
21-601265	RE21-07-6048	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	—
21-601266	RE21-07-6049	QBT3	5.0–5.5	—	—	—	—	0.0044 (J)	—	—	—	—	—
21-601266	RE21-07-6050	QBT3	7.0–7.5	—	—	—	—	—	—	—	—	—	—
21-601267	RE21-07-6051	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	—	—
21-601268	RE21-07-6052	QBT3	5.0–5.5	—	—	—	—	—	—	—	—	—	—

Source: SSLs from NMED (2006 092513).

Notes: Units are mg/kg. Data qualifiers are defined in Appendix A.

^a na = Not available.

^b — = If analyzed, sample result is below the detection limit.

Table B-5.0-1
Summary of COPCs by Media at the Area of Elevated Radioactivity, Consolidated Unit 21-018(a)-99

Inorganic COPCs	Radionuclide COPCs	Organic COPCs
Soil		
Nitrate	Tritium	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-] Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-] Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]
Tuff		
Aluminum	Americium-241	Dichlorobenzene[1,3-]
Antimony	Cesium-137	Dichlorobenzene[1,4-]
Barium	Plutonium-238	Fluoranthene
Chromium	Plutonium-239	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]
Copper	Strontium-90	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]
Nickel	Tritium	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]
Nitrate		Hexachlorodibenzodioxin[1,2,3,4,7,8-]
Selenium		Hexachlorodibenzodioxin[1,2,3,6,7,8-] Hexachlorodibenzodioxin[1,2,3,7,8,9-] Hexachlorodibenzofuran[1,2,3,4,7,8-] Hexachlorodibenzofuran[1,2,3,6,7,8-] Hexachlorodibenzofuran[2,3,4,6,7,8-] Methylene chloride Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-] Octachlorodibenzofuran[1,2,3,4,6,7,8,9-] Pentachlorodibenzodioxin[1,2,3,7,8-] Pentachlorodibenzofuran[1,2,3,7,8-] Toluene