9.0 POINT SOURCE LOCATIONS, SAMPLING, AND ANALYSIS

During the course of the removal action, 31 low-level radiation point sources were discovered at random locations throughout Phases 1A, 1B, 2A, 2B, 3, and 4. These point sources were isolated, evaluated, sampled, and removed from IRP Sub-Site 2A. Table 9-1 identifies these point sources and presents the results from the analysis of selected items. Figure 9-1 identifies the approximate locations for each of the low-level radioactive point sources that were found.

These sources included miscellaneous metal pieces ranging from coin-size objects weighing less than 1 ounce to softball-size objects weighing more than 1 pound. Figures 9-2 through 9-17 provide a complete set of photographs for each of the low-level radioactive point sources identified during the removal action.

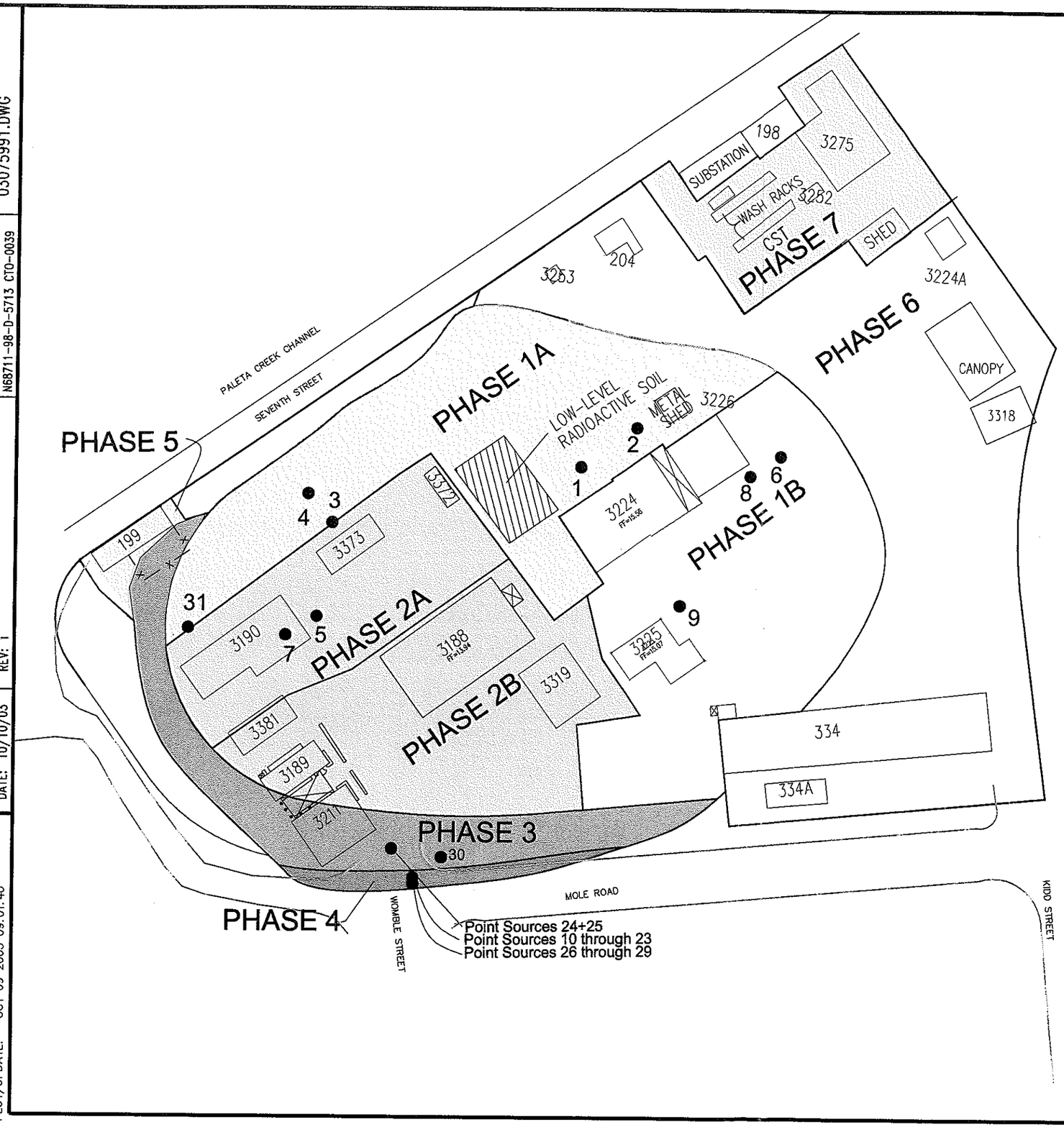
9.1 SURVEY, SAMPLING, AND ANALYSIS

During the removal activities in Phases 1 to 5, the excavations and soil stockpiles were field-screened at 2-foot lifts using radiation meters. The excavations were screened at the surface prior to excavating at 2 feet bgs, 4 feet bgs and were continued in 2-foot intervals to the bottom of the excavation. When a possible source was identified, work stopped and the area was investigated. If a source was identified, the area was secured and the source was uncovered, described in the logbook, photographed, removed, and placed in a secure area. The results were logged on a tracking form with a detailed description and associated field and laboratory analytical data (Table 9-1).

The radiation survey was performed in a three-step process. For Phases 1 through 5, the three-step survey process occurred:

1. When in situ;
2. When placing soil at the stockpile; and
3. In 18-inch lifts prior to transport for disposal.

Prior to the excavation of soil in Phases 1 through 5, the in situ soil survey within the proposed excavation boundaries was conducted using a Ludlum Model 2221 Scaler Radmeter. The surface area was surveyed into grids of 1 square meter. Each grid was surveyed with the radmeter, and the results documented. Each excavation was surveyed in 2-foot lifts prior to excavation, except at Phase 6 and Phase 7 locations where it was unsafe to enter the small excavations. This process continued to the bottom of the excavation. In the large excavations in Phases 1 through 5, the floor of the excavation was surveyed prior to backfill except when the bottom of the excavation was below the groundwater table.



Location	Northing	Easting	Elevation (feet MSL)	Ground Elevation (feet MSL)
1	1824785	6294216	7.83	14.83
2	1824815	6294257	*	15.02
3	1824743	6294032	10.33	12.33
4	1824765	6294014	5.78	11.78
5	1824674	6294021	11.34	13.34
6	1824794	6294364	10.68	14.68
7	1824660	6293998	*	13.14
8	1824779	6294341	*	15.07
9	1824683	6294290	*	14.66
10	1824482	6294094	9.92	11.92
11	1824482	6294094	8.92	11.92
12	1824482	6294094	8.92	11.92
13	1824482	6294094	8.92	11.92
14	1824482	6294094	8.92	11.92
15	1824482	6294094	8.92	11.92
16	1824482	6294094	8.92	11.92
17	1824482	6294094	8.92	11.92
18	1824482	6294094	8.92	11.92
19	1824482	6294094	8.92	11.92
20	1824482	6294094	8.92	11.92
21	1824482	6294094	8.92	11.92
22	1824482	6294094	8.92	11.92
23	1824482	6294094	8.92	11.92
24	1824503	6294078	9.05	12.05
25	1824503	6294078	9.05	12.05
26	1824477	6294094	7.91	11.91
27	1824477	6294094	5.91	11.91
28	1824477	6294094	5.91	11.91
29	1824477	6294094	5.91	11.91
30	1824497	6294115	9.88	11.88
31	1824665	6293926	10.03	12.03

NOTE:

1 SEE TABLE 9-1 FOR POINT SOURCE ANALYTICAL SOURCE
2 SEE TABLE 9-2 FOR LOW-LEVEL RADIOACTIVE SOIL ANALYTICAL RESULTS
3 ALL ELEVATIONS ARE IN FEET MEAN SEA LEVEL
*POINT SOURCES IDENTIFIED AT SOIL STOCKPILE AREA DURING STEP 2 OF RADIATION SURVEY PROCESS (SECTION 9 1)

Figure 9-1
POINT SOURCE AND LOW-LEVEL RADIOACTIVE SOIL LOCATION MAP

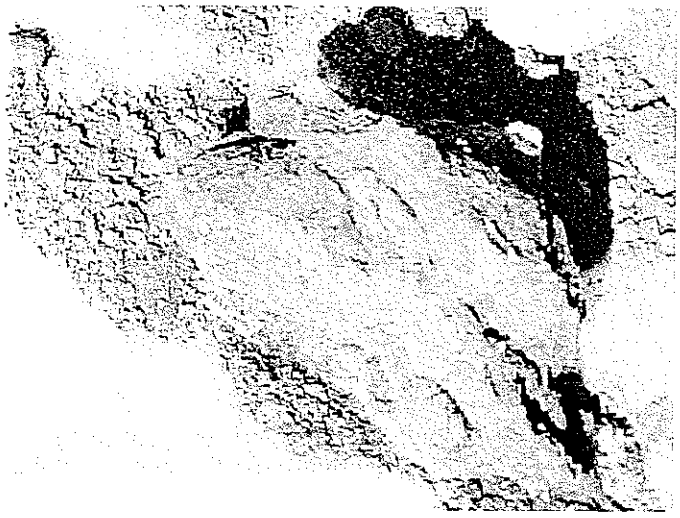
IRP Sub-Site 2A
Closure Report
Mole Pier, Naval Station San Diego

FOSTER WHEELER
ENVIRONMENTAL CORPORATION

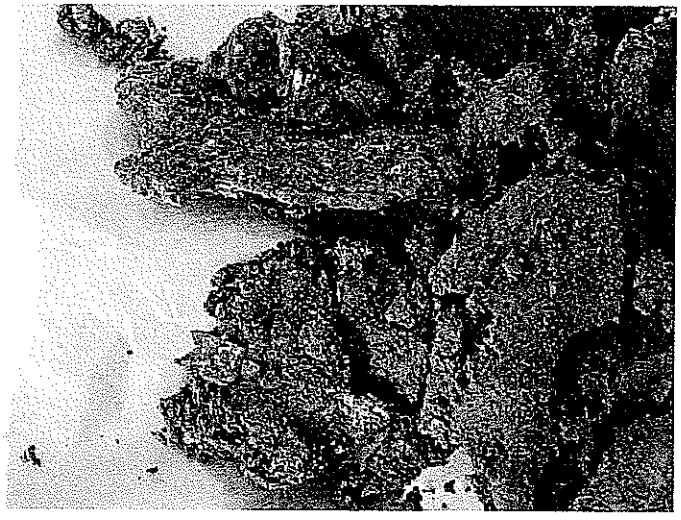
DRAWING NO: 03075991.DWG
DCN: FWSD-RAC-03-0759
N68711-98-D-5713 CTO-0039
APPROVED BY: RR
CHECKED BY: RR
REV: i
DRAWN BY: KLD
DATE: 10/10/03

I:\1990-RAC\CTO-0039\DWG\030759\03075991.DWG
PLOT/UPDATE: OCT 09 2003 09:01:40

Figure 9-2
Point Sources 1 and 2

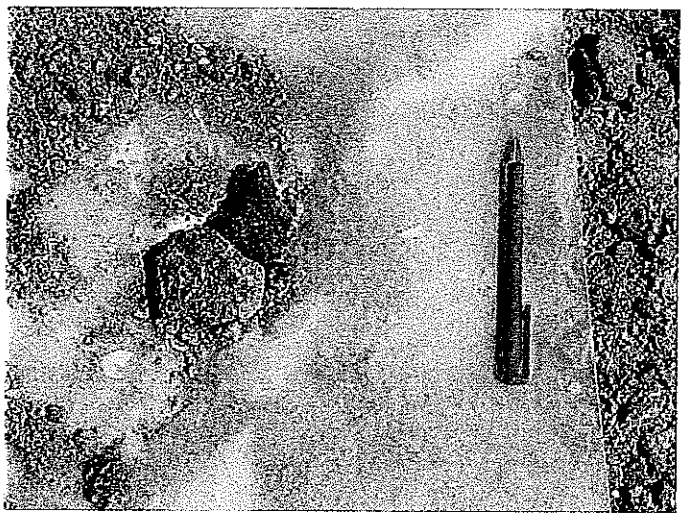


Point Source 1 (4/5/00): Identified in situ on April 5, 2000, at 1348 hours in Phase 1A soil at a depth of 7 feet bgs (7 83 feet msl) The object was oblong shape 4 inches by 2 inches, brown with a pinkish red/magenta color in the edges and crevices. The maximum in excavation reading was 127,000 cpm and analytical results indicating Radium 226 and Progeny. The point source was destroyed as part of the laboratory analysis.



Point Source 2 (5/18/00): Identified in Stockpile 9 on May 18, 2000, at 0710 from Phase 2 soil. The object was pink with a yellow/green outer coating, ¼ inch thick by 4 inch long by 2 ½ inch wide. The maximum reading was 151,000 cpm and the analytical results indicating Radium 226 and Progeny. The point source was destroyed as part of the laboratory analysis

Figure 9-3
Point Sources 3 and 4

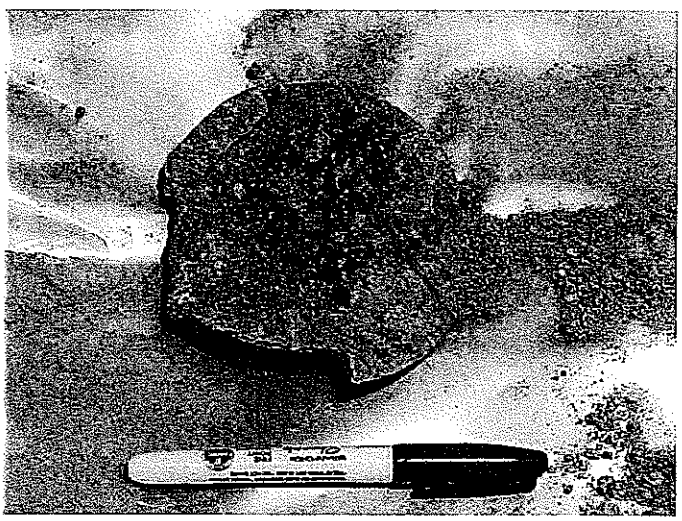


Point Source 3 (6/22/00): Identified in situ on June 22, 2000, at 0912 from Phase 2A soil at a depth of 2 feet bgs (10.33 feet msl). The object had a metal appearance, was the size of a button, and had no distinctive color. The maximum reading was 957,000 cpm and the analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.

Point Source 4 (7/10/00): Identified in situ on July 10, 2000, at 1100 from Phase 2 soil at a depth of 6 feet bgs (5.78 feet msl). The object had a metal appearance and was yellow and green painted color. The maximum reading was 60,000 cpm and the analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.

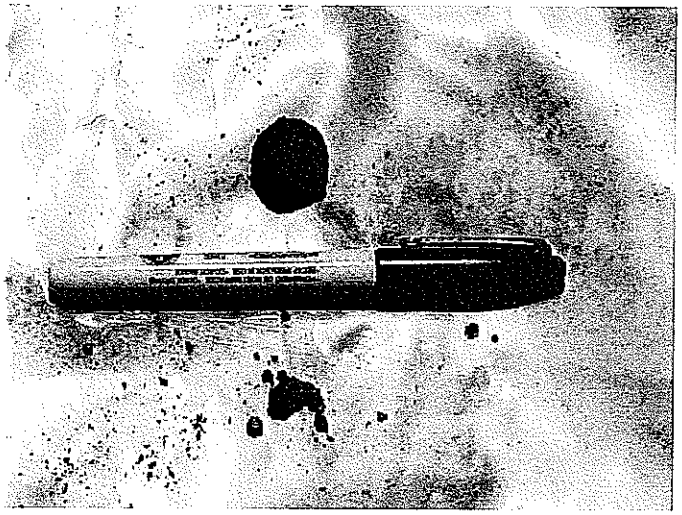
Figure 9-4
Point Sources 5 and 6

Point Source 5 (7/19/00): Identified in situ on July 19, 2000, at 1245 hours in Phase 2 soil at a depth of 2 feet bgs (11.34 feet msl) The object was shaped like a home plate with gold and red colors The maximum in excavation reading was 119,000 cpm and analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO.



Point Source 6 (7/20/00): Identified in situ on July 20, 2000, at 1300 hours in Phase 1B soil at a depth of 4 feet bgs (10.68 feet msl) The object was flat piece of metal, 5 inches in diameter and raised in the center to about ½ inch The maximum in excavation reading was 238,000 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO

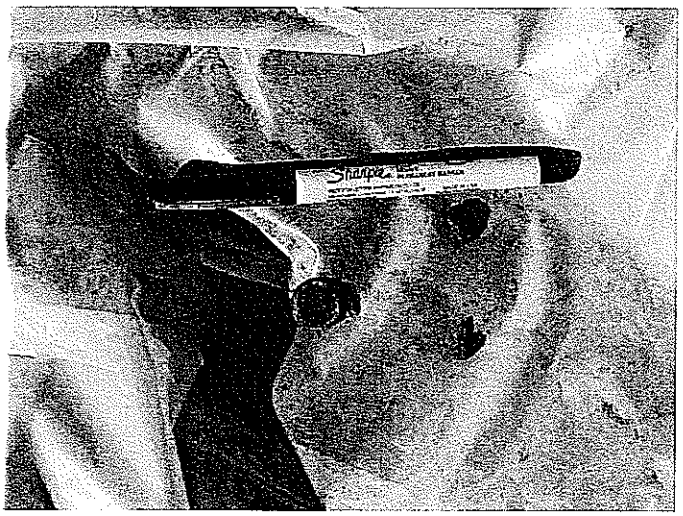
Figure 9-5
Point Sources 7 and 8



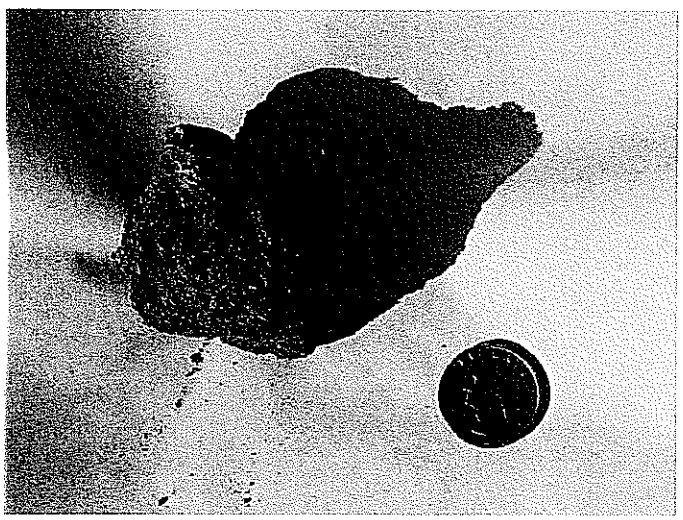
Point Source 7 (7/24/00): Identified in PWC Stockpile 2 on July 24, 2000, at 1330 from Phase 2 soil The object was about the size of a quarter and ½ inch thick. The maximum reading was 106,000 cpm and the analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO

Point Source 8 (7/26/00): Identified in PWC Stockpile 3 on July 26, 2000, at 0810 from Phase 1B soil The object was concave on one side and ½ to ¾ inch thick, weighed about 1 pound with the appearance of zinc anode. The maximum reading was 127,000 cpm and the analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO.

Figure 9-6
Point Sources 9 and 10

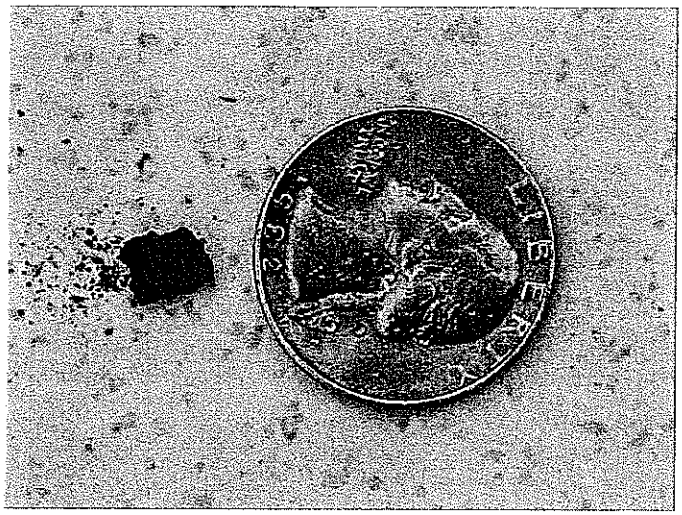


Point Source 9 (11/16/00): Identified in PWC Stockpile 11 on November 16, 2000, at 1040 from Phase 1B soil The object was about the size of a dime with green coloring, metallic appearance The maximum reading was 527,000 cpm and the analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO

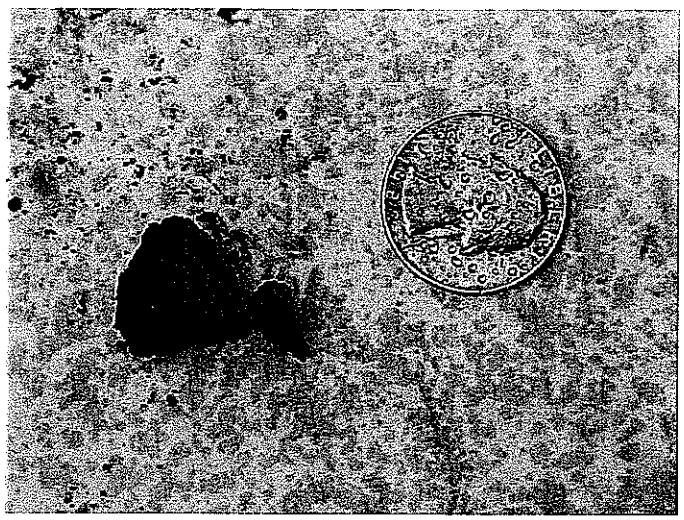


Point Source 10 (11/28/00): Identified in situ on November 28, 2000, at 1247 hours in Phases 3/4 soil at a depth of 2 feet bgs (9 92 feet msl) The object was square in shape with the bottom side flat and the top side round The maximum in excavation reading was 445,570 cpm and analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO

Figure 9-7
Point Sources 11 and 12

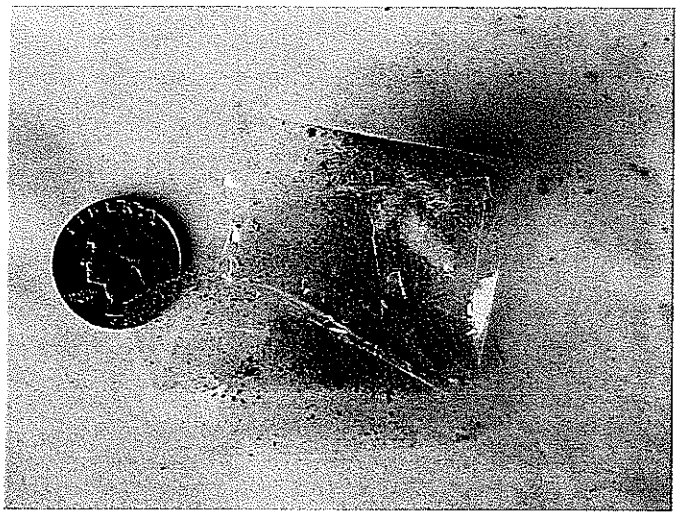


Point Source 11 (12/5/00): Identified in situ on December 5, 2000, at 1400 hours in Phases 3/4 soil at a depth of 3 feet bgs (8.92 feet msl). The object was square/flat in the size of a tooth, covered with soil and appears to be metal. The maximum in excavation reading was 252,167 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.



Point Source 12 (12/5/00): Identified in situ on December 5, 2000, at 1415 hours in Phases 3/4 soil at a depth of 3 feet bgs (8.92 feet msl). The object was rectangular in nature, about ½ inch thick by 1 ½ inch high by 1 inch wide. The maximum in excavation reading was 81,444 cpm and analytical results indicating Radium 226 and Progeny. The point source was destroyed as part of the laboratory analysis.

Figure 9-8
Point Sources 13 and 14

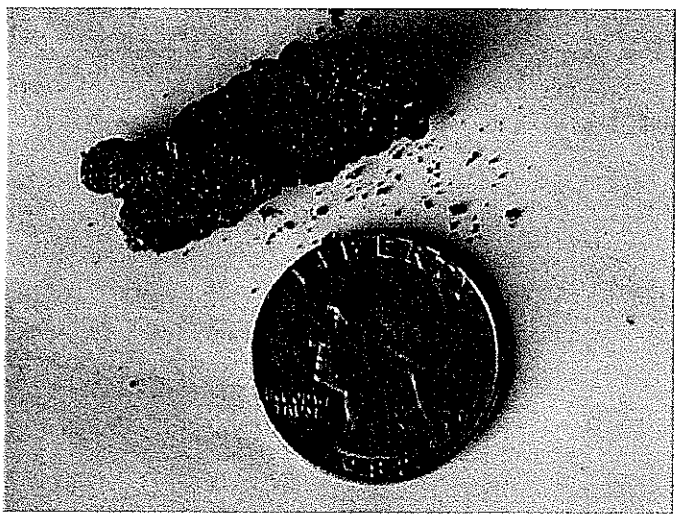


Point Source 13 (12/5/00): Identified in situ on December 5, 2000, at 1435 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl). The object appears to be 4 small pieces of sand The maximum in excavation reading was 56,440 cpm and analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO

Point Source 14 (12/5/00): Identified in situ on December 5, 2000, at 1445 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl). The object is the shape of a small rock, golf ball in size The maximum in excavation reading was 55,023 cpm and analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO.

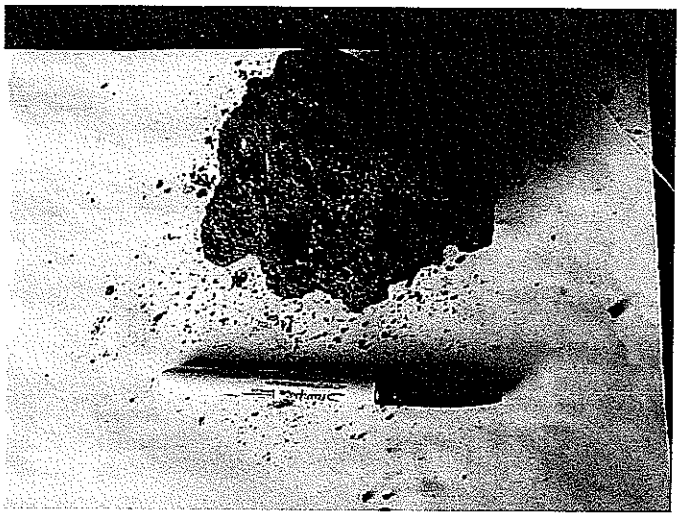
Figure 9-9
Point Sources 15 and 16

Point Source 15 (12/5/00): Identified in situ on December 5, 2000, at 1516 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl). The object was triangular and flat and about ¼ inch in width. The maximum in excavation reading was 379,913 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.

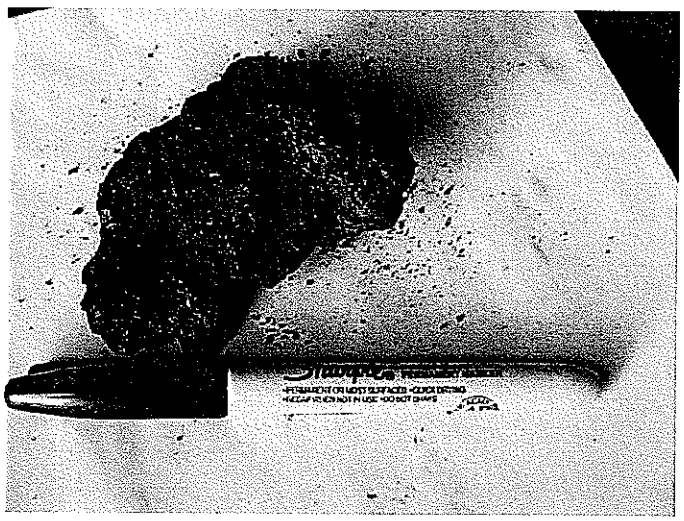


Point Source 16 (12/5/00): Identified in situ on December 5, 2000, at 1525 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl). The object was rectangular abd about ¼ inch thick by 1 ½ inch long by ¼ inch wide. The maximum in excavation reading was 60,814 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.

Figure 9-10
Point Sources 17 and 18

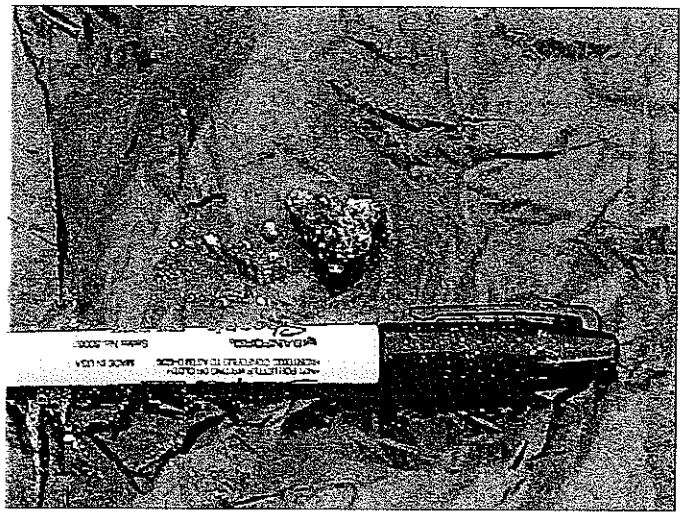


Point Source 17 (12/5/00): Identified in situ on December 5, 2000, at 1535 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl) The object was an amorphous rock the size of a softball The maximum in excavation reading was 95,441 cpm and analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO

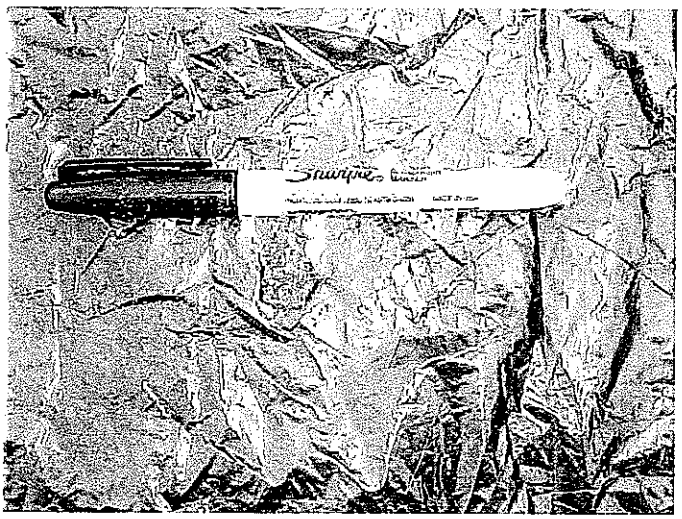


Point Source 18 (12/5/00): Identified in situ on December 5, 2000, at 1540 hours in Phases 3/4 soil at a depth of 3 feet bgs (8.92 feet msl) The object was an rock triangular in shape, 2 inch thick by 2 by 3 by 3 inch The maximum in excavation reading was 96,881 cpm and analytical results indicating Radium 226 and Progeny The point source was disposed of by RASO

Figure 9-11
Point Sources 19 and 20

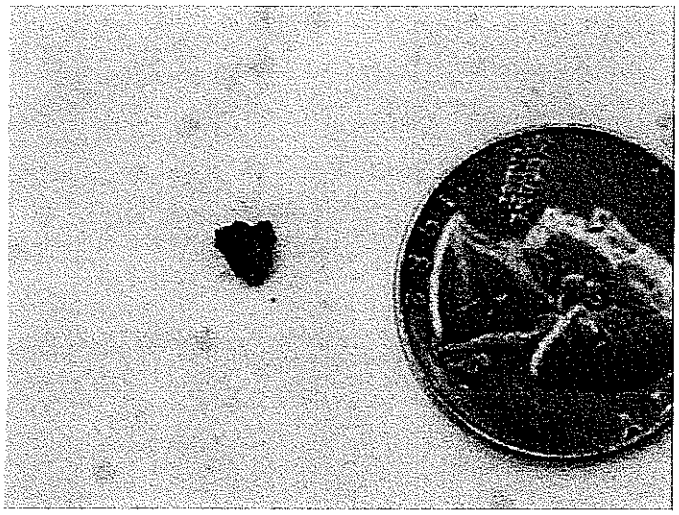


Point Source 19 (12/6/00): Identified in situ on December 6, 2000, at 1550 hours in Phases 3/4 soil at a depth of 3 feet bgs (8.92 feet msl). The object was an rock triangular in shape, 1/2 inch thick by 1/2 by 1/2 by 1/2 inch. The maximum in excavation reading was 88,004 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.



Point Source 20 (12/6/00): Identified in situ on December 6, 2000, at 0900 hours in Phases 3/4 soil at a depth of 3 feet bgs (8.92 feet msl). The object was round in shape, about ½ inch diameter by ½ inch high. The maximum in excavation reading was 121,626 cpm and analytical results indicating Radium 226 and Progeny. The point source was destroyed as part of the laboratory analysis.

Figure 9-12
Point Sources 21 and 22



Point Source 21 (12/6/00): Identified in situ on December 6, 2000, at 0915 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl) The object was triangular in shape, flat with granular appearance, ½ inch in diameter The maximum in excavation reading was 211,535 cpm and analytical results indicating Radium 226 and Progeny. The point source was destroyed as part of the laboratory analysis

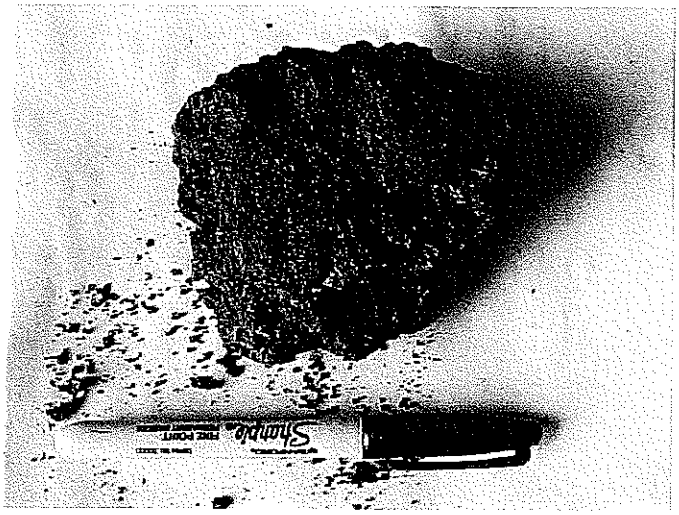
Point Source 22 (12/6/00): Identified in situ on December 6, 2000, at 0920 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl) The object was rectangular in shape, flat with granular appearance, 1/4 inch in by 1/8 inch and ¼ inch thick The maximum in excavation reading was 236,058 cpm and analytical results indicating Radium 226 and Progeny. The point source was destroyed as part of the laboratory analysis.

Figure 9-13
Point Sources 23 and 22

Point Source 23 (12/6/00): Identified in situ on December 6, 2000, at 0931 hours in Phases 3/4 soil at a depth of 3 feet bgs (8 92 feet msl). The object was oval in shape, and ¼ inch thick. The maximum in excavation reading was 73,604 cpm and analytical results indicating Radium 226 and Progeny The point source was destroyed as part of the laboratory analysis

Point Source 24 (12/6/00): Identified in situ on December 6, 2000, at 1051 hours in Phases 3/4 soil at a depth of 3 feet bgs (9 05 feet msl) The object was round in shape, 1/8 inch in diameter, and 1/16 inch thick. The maximum in excavation reading was 431,303 cpm and analytical results indicating Radium 226 and Progeny The point source was destroyed as part of the laboratory analysis.

Figure 9-14
Point Sources 25 and 26

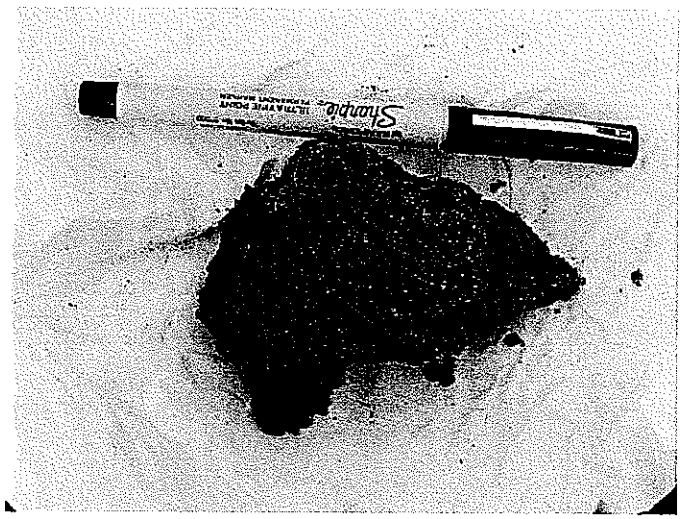


Point Source 25 (12/6/00): Identified in situ on December 6, 2000, at 1120 hours in Phases 3 soil at a depth of 3 feet bgs (9 05 feet msl) The object was round in shape, 4 inch in diameter, and 2 inch thick. The maximum in excavation reading was 863,605 cpm and analytical results indicating Radium 226 and Progeny. The point source was destroyed as part of the laboratory analysis.

Point Source 26 (12/11/00): Identified in situ on December 11, 2000, at 1513 hours in Phases 3/4 soil at a depth of 4 feet bgs (7.91 feet msl). The object was a rusted piece of metal 1 inch long by ½ inch wide The maximum in excavation reading was 92,000 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO

Figure 9-15
Point Sources 27 and 28

Point Source 27 (12/13/00): Identified in situ on December 13, 2000, at 1320 hours in Phases 3/4 soil at a depth of 6 feet bgs (5.91 feet msl) The object was a rusted piece of melted metal 2 inches long with no distinctive coloring. The maximum in excavation reading was 115,000 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO



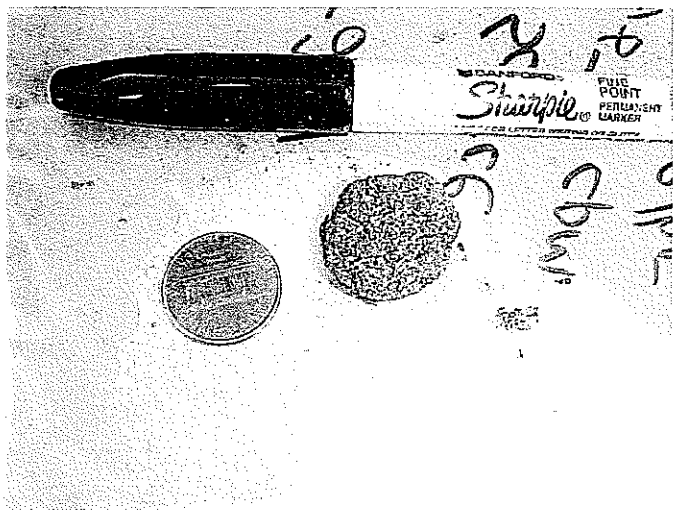
Point Source 28 (12/13/00): Identified in situ on December 13, 2000, at 1411 hours in Phases 3/4 soil at a depth of 6 feet bgs (5 91 feet msl). The object was a piece of metal, round, 2 1/2 inches in diameter with no distinctive coloring, some rust. The maximum in excavation reading was 198,000 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.

Figure 9-16
Point Sources 29 and 30

Point Source 29 (12/13/00): Identified in situ on December 13, 2000, at 1435 hours in Phases 3/4 soil at a depth of 6 feet bgs (5 91 feet msl). The object was a melted piece of metal in the shape of an arrowhead with no distinctive coloring The maximum in excavation reading was 55,000 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.

Point Source 30 (12/18/00): Identified in situ on December 18, 2000, at 1040 hours in Phases 3/4 soil at a depth of 2 feet bgs (9.88 feet msl). The object was the shape of a black button and about the size of a nickel with no distinctive color. The maximum in excavation reading was 182,000 cpm and analytical results indicating Radium 226 and Progeny The point source was destroyed as part of the laboratory analysis

Figure 9-17
Point Source 31



Point Source 31 (1/19/01): Identified in situ on January 19, 2000, at 1235 hours in Phases 2A soil at a depth of 2 to 4 feet bgs (10.03 feet msl). The object was round in shape, the size of a penny with no distinctive coloring. The maximum in excavation reading was 556,000 cpm and analytical results indicating Radium 226 and Progeny. The point source was disposed of by RASO.

TABLE 9-1

POINT SOURCE ANALYTICAL RESULTS

Point Source #	Date	Time	Location		Maximum Reading in Excavation (cpm)[1,2]	Personnel Exposure (mR/hr)[1,3]	Comments	Sent to Laboratory[4]	Sample #[8]	Analytical Results
			Phase (feet)	Grid						
1	4/5/2000	1348	Phase 1A (7')	G13	127,000	0.5	Oblong shape 4"x2". Brown with a pinkish red/magenta color on the edges and in crevices.	5/30/2000	0002-1402	Radium 226 and Progeny
2	5/18/2000	0710	Stockpile #9 (4') Phase 2	G15[9]	151,000	0.1	Pink with a yellow/green outer coating. ¼" thick, 4" long, and 2 ½ " wide.	5/30/2000	0002-1403	Radium 226 and Progeny
3	6/22/2000	0912	Phase 2A (2')	D6	957,000	0.5	Metal appearance, button size, no distinctive colors.	11/28/2000	0002-1834	Radium 226 and Progeny[6]
4	7/10/2000	1100	Phase 2 (6')	C6	60,000	0.3	Metal with yellow and green paint.	11/28/2000	0002-1835	Radium 226 and Progeny[6]
5	7/19/2000	1245	Phase 2 (2')	F4	119,000	0.15	Shaped like home plate with gold and red colors.	11/28/2000	0002-1836	Radium 226 and Progeny[6]
6	7/20/2000	1300	Phase1B (4')	J18	238,000	0.45	Flat piece of metal, 5" in diameter, ¼" thick – raised in the center to about ½".	11/28/2000	0002-1837	Radium 226 and Progeny
7	7/24/2000	1330	PWC-2 (8') Phase 2	F3[9]	106,000	0.1	About the size of a quarter and ½" thick.	11/28/2000	0002-1838	Radium 226 and Progeny
8	7/26/2000	0810	PWC-3 (8') Phase 1B	J17[9]	127,000	0.05	Concave on one side, ½" to ¾" thick, weighs about 1 pound, appearance of zinc anode.	11/28/2000	0002-1839	Radium 226 and Progeny[6]
9	11/16/2000	1040	PWC-11 (6')	L13[9]	527,000	0.1	About the size of a dime with green coloring; metal appearance. Also, one shovel scoop was placed in bag due to elevated readings of 30 to 50 thousand cpm.	11/28/2000	0002-1840	Radium 226 and Progeny[6]
10	11/28/2000	1247	Phase 3/4 (2')	N2	445,570	0.6	Square shape with the bottom side flat and the top side round. Unable to determine other characteristics due to soil on point source.	11/28/2000	0002-1841	Radium 226 and Progeny
11	12/5/2000	1400	Phase 3/4 (3')	N2	252,167	0.2	Square, flat size of tooth, covered with soil, appears to be metal.	12/13/2000	0002-1897	Radium 226 and Progeny
12	12/5/2000	1415	Phase 3/4 (3')	N2	81,444	0.15	Rectangular in nature, about ½" thick and 1 ½" h x 1" w.	12/13/2000	0002-1905	Radium 226 and Progeny[5]
13	12/5/2000	1435	Phase 3/4 (3')	N2	56,440	0.15	Appears to be four small pieces of sand.	12/13/2000	0002-1906	Radium 226 and Progeny[6]
14	12/5/2000	1445	Phase 3/4 (3')	N2	55,023	0.15	Small rock shape, golf ball size.	12/13/2000	0002-1907	Radium 226 and Progeny[6]
15	12/5/2000	1516	Phase 3/4 (3')	N2	379,910	0.6	Triangular, flat, ¼" in width.	12/13/2000	0002-1908	Radium 226 and Progeny[7]
16	12/5/2000	1525	Phase 3/4 (3')	N2	60,814	0.2	Rectangular, ¼" thick and 1 ½" l x ¼" w.	12/13/2000	0002-1909	Radium 226 and Progeny[5]
17	12/5/2000	1535	Phase 3/4 (3')	N2	95,441	0.15	Amorphous rock, size of a softball.	12/13/2000	0002-1910	Radium 226 and Progeny[6]
18	12/5/2000	1540	Phase 3/4 (3')	N2	96,881	0.2	Rock, triangular shape, 2" thick, 2" x 3" x 3".	12/13/2000	0002-1911	Radium 226 and Progeny[6]
19	12/6/2000	1550	Phase 3/4 (3')	N2	88,004	0.2	Triangular in shape, ½' thick, ½" x ½" x ½".	12/13/2000	0002-1912	Radium 226 and Progeny[6]
20	12/6/2000	0900	Phase 3/4 (3')	N2	121,626	0.25	Round in shape, ½" diameter and ½" thick.	12/13/2000	0002-1899	Radium 226 and Progeny
21	12/6/2000	0915	Phase 3/4 (3')	N2	211,535	0.35	Triangular, flat, with granular appearance, 2 centimeters in diameter.	12/13/2000	0002-1900	Radium 226 and Progeny
22	12/6/2000	0920	Phase 3/4 (3')	N2	236,058	0.4	Rectangular, flat ¼" x 1/8", and 1 centimeter thick.	12/13/2000	0002-1903	Radium 226 and Progeny[5]
23	12/6/2000	0931	Phase 3/4 (3')	N2	73,604	0.15	Oval, about ¼" thick.	12/13/2000	0002-1902	Radium 226 and Progeny[5]
24	12/6/2000	1051	Phase 3 (3')	M2	431,303	0.8	Round, 1/8" in diameter and 1/16" thick.	12/13/2000	0002-1901	Radium 226 and Progeny
25	12/6/2000	1120	Phase 3 (3')	M2	863,605	0.5	Round, 4" diameter, 2" thick.	12/13/2000	0002-1904	Radium 226 and Progeny[5]

The three-step survey process for Phase 6 occurred:

1. When excavating the soil;
2. When placing the soil onto a liner adjacent to the excavation; and
3. In 18-inch lifts prior to pushing the soil in the soil stockpile.

The three-step survey process for Phase 7 occurred:

1. When placing soil at the stockpile;
2. In one 18-inch lift; and
3. In a second 18-inch lift after the first lift was overturned and prior to placing the lift into the stockpile.

One area of low-level radioactive soil was identified during the NTCRA, northwest of Building 3224, between ground surface and 4 feet bgs. These soils were excavated and stockpiled separately for eventual disposal. The soil was sampled and analyzed by EPA Method 901.1, Gamma Spectroscopy, ISO-Uranium (total), ISO-Thorium (total), and Gross Alpha and Beta. The analytical results indicated radiation levels at 1.5 times the background, exceeding the DON action level. However, radiation levels were below the regulatory background threshold of 2.0 times background.

Table 9-2 provides the analytical data for the low-level radioactive soil, and Figure 9-1 shows the in situ location of the low-level radioactive soil.

The 31 total point sources were identified with 4 being located in the second survey when placing the soil at the stockpile area and 27 being located in situ on site. The survey data for the points sources is provided in Table 9-3. The point sources are documented in Figures 9-1 through 9-17.

TABLE 9-2

LOW-LEVEL RADIATION WASTE ANALYTICAL RESULTS

Sample Number		0002-1172	0002-1204	0002-1205	0002-1206	0002-1207	0002-1208	0002-1209	0002-1337	0002-1338	0002-1339	0002-1340	0002-1341	0002-1400	0002-1401
Sample Location		RAD-01	RAD-01	RAD-01	RAD-01	RAD-02	RAD-02	RAD-02	RAD-03	RAD-03	RAD-03	RAD-03	RAD-03	RAD-02	RAD-02
Sample Date		2/23/2000	3/8/2000	3/8/2000	3/8/2000	3/8/2000	3/8/2000	3/8/2000	4/13/2000	4/13/2000	4/13/2000	4/13/2000	4/13/2000	5/30/2000	5/30/2000
Analyte	**Units**														
Metals															
ARSENIC	mg/kg	11 7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.8	6 9
BARIUM	mg/kg	70 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	178	114
CADMIUM	mg/kg	0.11 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 2	0 91
CHROMIUM	mg/kg	9 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.8	17 4
COPPER	mg/kg	29.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	867	224
MERCURY	mg/kg	0.03 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 12 J	13.4
LEAD	mg/kg	33 1	NA	NA	NA	NA	NA	NA	154	562	144	2700	76 8	533	657
SELENIUM	mg/kg	3 7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 54 U	0 53 U
SILVER	mg/kg	0 57 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 66	0 62
ZINC	mg/kg	69 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1030	354
STLC LEAD	µg/L	NA	NA	NA	NA	NA	NA	NA	8340	13900	7360	64100	4190	NA	NA
TCLP LEAD	µg/L	NA	NA	NA	NA	NA	NA	NA	80.5 J	178	109	937	34.7 J	NA	NA
Wet Chemistry															
REACTIVE CYANIDE	mg/kg	11 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11 U	11 U
REACTIVE SULFIDE	mg/kg	0.019 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54 U	53 U
HALIDES, TOTAL ORGANIC	mg/kg	3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4 U	5.3 U
PH	pH_Units	9.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.41	8.76
PAINT FILTER TEST	mL/kg	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
Pesticides															
TCLP CHLORDANE	µg/L	2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2 U	2 U
TCLP ENDRIN	µg/L	0.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 1 U	0 1 U
TCLP GAMMA-BHC (LINDANE)	µg/L	0 05 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 05 U	0 05 U
TCLP HEPTACHLOR	µg/L	0.05 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.05 U	0.05 U
TCLP HEPTACHLOR EPOXIDE	µg/L	0.05 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.05 U	0.05 U
TCLP METHOXYCHLOR	µg/L	2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2 U	2 U
TCLP TOXAPHENE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
Polychlorinated Biphenyls															
AROCLOR 1016	µg/kg	57 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54 U	53 U
AROCLOR 1221	µg/kg	110 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 U	110 U
AROCLOR 1232	µg/kg	57 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54 U	53 U
AROCLOR 1242	µg/kg	57 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54 U	53 U
AROCLOR 1248	µg/kg	57 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54 U	53 U
AROCLOR 1254	µg/kg	29 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27 U	26 U
AROCLOR 1260	µg/kg	29 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23 J	20 J
Herbicides															
TCLP 2 4 5-TP	µg/L	0 5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 5 U	0 5 U
TCLP 2,4-D	µg/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U
Volatile Organic Compounds															
TCLP 1,1-DICHLOROETHENE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
TCLP 1 2-DICHLOROETHANE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
TCLP 2-BUTANONE	µg/L	100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100 U	100 U
TCLP BENZENE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
TCLP CARBON TETRACHLORIDE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
TCLP CHLOROBENZENE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
TCLP CHLOROFORM	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP TETRACHLOROETHENE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
TCLP TRICHLOROETHENE	µg/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U
TCLP VINYL CHLORIDE	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
Semivolatile Organic Compounds															
ACENAPHTHENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 U	NA	NA
ACENAPHTHYLENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 U	NA	NA
ANTHRACENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89 J	NA	NA
BENZ[A]ANTHRACENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	360	NA	NA

TABLE 9-2

LOW-LEVEL RADIATION WASTE ANALYTICAL RESULTS

Sample Number		0002-1172	0002-1204	0002-1205	0002-1206	0002-1207	0002-1208	0002-1209	0002-1337	0002-1338	0002-1339	0002-1340	0002-1341	0002-1400	0002-1401
Sample Location		RAD-01	RAD-01	RAD-01	RAD-01	RAD-02	RAD-02	RAD-02	RAD-03	RAD-03	RAD-03	RAD-03	RAD-03	RAD-02	RAD-02
Sample Date		2/23/2000	3/8/2000	3/8/2000	3/8/2000	3/8/2000	3/8/2000	3/8/2000	4/13/2000	4/13/2000	4/13/2000	4/13/2000	4/13/2000	5/30/2000	5/30/2000
Analyte	**Units**														
BENZO[A]PYRENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	390	NA	NA
BENZO[B]FLUORANTHENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	670	NA	NA
BENZO[G,H,I]PERYLENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120	NA	NA
BENZO[K]FLUORANTHENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	270	NA	NA
CHRYSENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	520	NA	NA
DIBENZ[A,H]ANTHRACENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 U	NA	NA
FLUORANTHENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	800	NA	NA
FLUORENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 U	NA	NA
INDENO[1,2,3-CD]PYRENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	NA
NAPHTHALENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 U	NA	NA
PHENANTHRENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	230	NA	NA
PYRENE	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	770	NA	NA
TCLP 2,4,5-TRICHLOROPHENOL	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP 2,4,6-TRICHLOROPHENOL	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP 2,4-DINITROTOLUENE	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP 2-METHYLPHENOL	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP 3/4-METHYLPHENOL (M/P-CRESOL)	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP HEXACHLOROBENZENE	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP HEXACHLOROBUTADIENE	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP HEXACHLOROETHANE	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP NITROBENZENE	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
TCLP PENTACHLOROPHENOL	µg/L	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50 U	50 U
TCLP PYRIDINE	µg/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
Radiochemistry															
GROSS-ALPHA	pCi/g	NA	13	17	12	6	4.9	16	NA	NA	NA	NA	NA	NA	NA
GROSS-BETA	pCi/g	NA	23	20	23	11	12	19	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	1.3	NA	1.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	1.1	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	3.4	1.3	3	2.4	0.65	0.89	4.1	NA	NA	NA	NA	NA	NA	NA
CARBON-14	pCi/g	-4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-19	-25
LEAD-210	pCi/g	4.6	NA	4.5	3.6	NA	NA	6.3	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	1.3	0.81	1.2	1.1	0.45	0.46	0.84	NA	NA	NA	NA	NA	NA	NA
LEAD-214	pCi/g	3.8	1.4	3.4	2.9	0.61	0.86	4.6	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	23	14	20	18	10	13	15	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	0.42	0.31	0.35	0.35	0.14	0.15	0.26	NA	NA	NA	NA	NA	NA	NA
THORIUM-228	pCi/g	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6	2.2
THORIUM-230	pCi/g	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.5	11
THORIUM-232	pCi/g	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	2.2
THORIUM-234	pCi/g	3.5	1.7	4.7	3.2	NA	NA	3.5	NA	NA	NA	NA	NA	NA	NA
TRITIUM	pCi/g	0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-1.6	1.1
URANIUM-233/234	pCi/g	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.3	1
URANIUM-235/236	pCi/g	0.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.0095	-0.015
URANIUM-238	pCi/g	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6	1.7

Notes:
µg/kg - micrograms per kilogram
µg/L - micrograms per liter
J - estimated value
mg/kg - milligrams per kilogram
NA - not analyzed
pCi/g - picocurie per gram
STLC - Soluble Threshold Limit Concentration
TCLP - Toxicity Characteristic Leaching Procedure
U - not detected

TABLE 9-3

SURVEY DATA FOR POINT SOURCES

Location	Northing	Easting	Elevation (feet msl)	Ground Elevation (feet msl)
1	1824785	6294216	7.83	14.83
2	1824815	6294257	STK-9	15.02
3	1824743	6294032	10.33	12.33
4	1824765	6294014	5.78	11.78
5	1824674	6294021	11.34	13.34
6	1824794	6294364	10.68	14.68
7	1824660	6293998	PWC-2	13.14
8	1824779	6294341	PWC-3	15.07
9	1824683	6294290	PWC-11	14.66
10	1824482	6294094	9.92	11.92
11	1824482	6294094	8.92	11.92
12	1824482	6294094	8.92	11.92
13	1824482	6294094	8.92	11.92
14	1824482	6294094	8.92	11.92
15	1824482	6294094	8.92	11.92
16	1824482	6294094	8.92	11.92
17	1824482	6294094	8.92	11.92
18	1824482	6294094	8.92	11.92
19	1824482	6294094	8.92	11.92
20	1824482	6294094	8.92	11.92
21	1824482	6294094	8.92	11.92
22	1824482	6294094	8.92	11.92
23	1824482	6294094	8.92	11.92
24	1824503	6294078	9.05	12.05
25	1824503	6294078	9.05	12.05
26	1824477	6294094	7.91	11.91
27	1824477	6294094	5.91	11.91
28	1824477	6294094	5.91	11.91
29	1824477	6294094	5.91	11.91
30	1824497	6294115	9.88	11.88
31	1824665	6293926	10.03	12.03

Notes:

msl - mean sea level

10.0 WASTE CLASSIFICATION, MANAGEMENT, AND DISPOSAL

This section presents information and a corresponding description for each waste stream generated during IRP Sub-Site 2A NTCRA activities. Waste streams associated with the project activities have been categorized as follows:

- Contaminated soil (RCRA and Cal-Haz waste) excavated during the removal action;
- Suspect low-level radiation soil and point sources;
- Miscellaneous debris that included rock, demolished concrete, and asphalt;
- Wastewater, including impacted stormwater runoff, groundwater infiltration into excavation, and fluids from equipment and personnel decontamination;
- Non-hazardous solid waste, such as trash, empty calibration gas canisters, and inert construction debris [polyvinyl chloride (PVC) piping, old rail tracks, and so forth];
- Scrap metal from concrete rebar and oversized material;
- Demolition debris from buildings;
- Used oil (including engine oil, hydraulic fluid, greases, antifreeze/coolant, and so forth), oil filters, and fuel and air filters from vehicle and equipment maintenance operations;
- Soil/drill cuttings from site pre-remediation activities;
- Decontamination pad solids;
- Used PPE;
- Contaminated polyethylene liners from soil stockpiles; and
- Asbestos.

The wastes were characterized and disposed of in four classifications in accordance with the WMP (Appendix K) of the RAIP (FWENC, 1999). These classifications included LLRWs, RCRA waste, Cal-Haz waste, and non-hazardous wastes. Each classification of waste is summarized in this section. The primary waste generated during the NTCRA was soil. An average of 25 loads of soil (625 tons) were transported from IRP Sub-Site 2A daily during the transport and disposal periods. This soil was removed from the stockpile, placed in 2-foot lifts, and field-screened for a third and final time with the radiation meters prior to loading. All loaded trucks were covered. Any soil on the tires or from the outside body of the truck was removed prior to leaving IRP Sub-Site 2A.

Table H-1 presents the drummed waste for the NTCRA. Table H-2 presents the number of soil stockpiles and the associated waste classification. All waste was transported by a FWENC-approved transporter. The DON, as generator, signed the waste manifest forms prior to transport

TABLE 10-1

SUMMARY OF WASTE TYPES AND QUANTITIES

Waste Classification	Soil (tons)	Decontaminated Water (gallons)	Drums (each)	Drum Contents
RCRA	1,418	N/A	2	Paint chips/dust
California hazardous	106,594	N/A	26	Asbestos from steam line
			5	Soil cuttings from drilling
			7	Absorbent pads
			1	35-gallon AST/cylinders
			3	PPE
			1	Diesel in soil
			2	Water filter media
			3	Spray paint booth filters
			12*	Asbestos wrapped steam line
Non-hazardous	14,190	18,800	3	Decontaminated water
Low-level radiation	1,268	N/A	1	Point sources

Notes:
AST - aboveground storage tank
N/A - not applicable
PPE - personal protective equipment
RCRA - Resource Conservation and Recovery Act
* - Piping wrapped in plastic and sealed

Used Oil

All used oils were disposed of through the NAVSTA Hazardous Waste Facility.

Asbestos

A total of 14 drums of asbestos-containing materials were disposed of by Critical Clean at the Waste Management Facility. Twelve drums and twelve wrapped piping sections were disposed of by FWENC at the La Paz Landfill (Table 10-1).

10.4 NON-HAZARDOUS WASTE

Non-hazardous wastes generated during the removal action included soil and decontamination water. The non-hazardous wastes included 14,190 tons (approximately 9,460 cubic yards) of soil from 11 stockpiles, which were disposed of at Safety-Kleen located in Westmorland, California, and at Waste Management, Inc. located in Kettleman City, California. Additionally, JC Environmental disposed of 46,416 gallons of decontamination water and 3,415 gallons of sludge from the decontamination water, including the contents from three drums of decontamination water resulting from drilling activities. The DON (Cal-Marine) removed approximately 30,000 gallons of non-hazardous water from the excavation during the NTCRA (Table 10-1).

Wastewater

During the removal action, the DON contracted Cal-Marine to remove and transport 30,000 gallons of wastewater generated as part of decontamination and dewatering activities. The wastewater was transported and disposed of at the Oily Water Treatment Facility located at NAVSTA San Diego. JC Environmental disposed of 46,416 gallons of decontamination water, including the contents from three drums of decontamination water resulting from drilling activities (Table 10-1).

Waste management disposed of non-hazardous waste including non-contaminated/non-recyclable debris such as paper, plastic, metal, wood, and office trash.

10.5 CONSTRUCTION WASTE

Approximately 2,220 tons of asphalt (1,445 by FWENC and 775 by PWC) and 7,502 tons of concrete (4,125 by FWENC and 3,377 by PWC) were recycled during the removal action. The rebar was cut from each concrete piece once the piece had been broken down to approximately 18 inches in diameter. The asphalt and concrete were transported to Ennis Landfill and Vulcan Materials, Carroll Canyon, for recycling (Appendix H).

11.0 PUBLIC INFORMATION/COMMUNITY RELATIONS

Several community relations activities were conducted to inform the public about the NTCRA and to encourage involvement in the review of relevant documents and discussions regarding the NTCRA.

11.1 PUBLIC INFORMATION

The NTCRA for IRP Sub-Site 2A was presented and discussed in the *NAVSTA San Diego Environmental Cleanup Program*, a periodic newsletter that is mailed to over 300 local residents, businesses, organizations, and officials. The publication, presented in both English and Spanish, was also sent to National City's Kimball and Perkins Elementary School students. Additionally, the NAVSTA San Diego IRP presented in the *Final Community Relations Plan* (BNI, 1996) the planned cleanup program for different sites at the NAVSTA. The plan was prepared to identify community issues of concern, information needs, and public participation activities concerning the DON's IRP.

11.2 PUBLIC PARTICIPATION

To encourage local participation in NAVSTA San Diego's hazardous waste cleanup program, the DON established a Restoration Advisory Board (RAB) in February 1995, and the RAB held its first meeting in April 1995. The RAB is a citizen-based committee representing local community interests. All meetings are advertised in the local English and Spanish newspapers in an effort to encourage public attendance and participation. Table 11-1 presents a summary of RAB public notices, RAB meetings, and public meetings. Transcripts for the meetings and copies of the public notice are located in Appendix I.

In accordance with federal and state public participation requirements, the EE/CA document (BNI, 1999a) was subject to a 30-day public review and comment period. The 30-day public review and comment period for the EE/CA was held from July 4, 1999, to August 3, 1999. Comments were received from the public. The general concerns of the public were related to using clean material for backfilling the site and the potential health effects of the primary COCs. These issues were addressed prior to the NTCRA.

The RAB members reviewed the EE/CA and the DON responded to their comments. The Final EE/CA (BNI, 1999a) document was issued on August 16, 1999. The AM/Remedial Action Plan (DON, 1999) and the negative declaration pursuant to California Environmental Quality Act were circulated for public review and comment. A public meeting was held on August 25, 1999, after the RAB meeting to allow the general public an opportunity to question and comment on the AM/Remedial Action Plan (DON, 1999).

TABLE 11-1

ADMINISTRATIVE RECORD QUERY SUMMARY

Date	Event	Attendees	Description
12/9/1999	RAB Public Notice	N/A	Notice of Signing; Action Memorandum documenting the DON's decision to undertake a removal action at Sub-site 2A.
7/4/1999	RAB Public Notice	N/A	DON requesting public comment on the EE/CA recommended alternative of removal.
8/25/1999	Public Meeting	RAB, DTSC, DON SW Environmental, DON SWDIV Engineering, DON PWC, BNI	Minutes; Ms. Theresa Morley presented the DON's plan to excavate contaminated soils at Mole Pier and haul to a landfill.
8/25/1999	RAB Meeting	RAB, DTSC, San Diego DEH, DON SW Environmental, DON SWDIV Engineering, DON PWC, BNI	Minutes, Theresa Morley discussed funding for environmental programs in years to come.
10/27/1999	RAB Meeting	RAB, NAVSTA CO, NAVSTA Public Affairs, DTSC, DON SW Environmental, DON SWDIV Engineering, BNI	Minutes, Ed Diaz announced that Ms. Beverly and Mr. Belton would assume his duties, Caption Hering NAVSTA CO was introduced.
1/31/2001	RAB Meeting	RAB, NAVSTA CO, DTSC, DON SWDIV Engineering, Puget Sound Shipyard, FWENC, BNI	Minutes, Mr. Belton spoke about Mole Pier history and update of progress.
6/25/2001	RAB Meeting	RAB, NAVSTA CO, DTSC, DON SWDIV Engineering, Puget Sound Shipyard, FWENC, BNI, Environmental Health Coalition, Southwestern College, D-S-P	Minutes, Mr. Starr spoke about progress at Mole Pier.
10/30/2001	RAB Meeting	RAB, NAVSTA CO, DTSC, DON SWDIV Engineering, BNI	Minutes, Mr. Belton spoke about Mole Pier history and update of progress.
4/24/2002	RAB Meeting	RAB, NAVSTA CO, DTSC, DON SWDIV Engineering, DON PWC, BNI, D-S-P	BNI personnel gave updates for Sites 2, 3, and 10.

Notes:

BNI – Bechtel National, Inc.
CO – Commanding Officer
DEH – Department of Environmental Health
DON – Department of the Navy
DTSC – Department of Toxic Substances Control
D-S-P – Defense Standardization Program
EE/CA – Engineering Evaluation/Cost Analysis
FWENC – Foster Wheeler Environmental Corporation
NAVSTA – Naval Station
PWC – Public Works Center
RAB – Restoration Advisory Board
SW – southwest
SWDIV – Southwest Division Naval Facilities Engineering Command

11.3 ADMINISTRATIVE RECORD

Two public information repositories where the public could review any of the documents associated with the Administrative Record are located at:

Southwest Division Naval Facilities Engineering Command
Environmental Technical Library
1220 Pacific Highway, Building 129
San Diego, CA 92132-5190
Phone: 619-532-1144

National City Public Library
200 E. 12th Street
National City, CA 91950
Phone: 619-336-4280

Documents, reports, newsletters, and RAB meeting agendas, minutes, and presentation materials concerning IRP Sub-Site 2A are included in the repositories for public review.

The Administrative Record was queried as part of the NTCRA at IRP Sub-Site 2A. A summary of this query is presented on Table 11-1.

12.0 EFFECTIVENESS OF THE REMOVAL ACTION

This section of the Final Project Closure Report discusses the effectiveness of the removal action conducted at IRP Sub-Site 2A and provides conclusions and recommendations. The effectiveness of the NTCRA at IRP Sub-Site 2A was evaluated by estimating the potential risk to humans through potential soil exposure pathways following the removal action. Confirmation soil samples were collected throughout IRP Sub-Site 2A from areas where excavation occurred. The results from these confirmation samples were compared with risk-based PRGs published by EPA Region IX (1998).

The NTCRA has been effective in meeting the three primary objectives for IRP Sub-Site 2A: 1) soil contamination concentrations have been reduced to acceptable levels that are protective of human health; 2) pathways of exposure to the hazardous substances have substantially been reduced and/or eliminated; and, 3) unrestricted future land use for IRP Sub-Site 2A is now possible. This section provides the basis for this determination.

12.1 SUMMARY OF CHEMICALS OF CONCERN REMOVED

Confirmation soil samples were collected from the floor and sidewall of locations that were excavated during the seven phases of the removal action. The sampling strategy is described in greater detail in Section 8.0 of this Final Project Closure Report. The location of the confirmation samples is provided in Figure 8-1, and a summary of analytical data is provided on Table 8-1. At some locations where the results from soil samples exceeded the cleanup criteria, additional remediation occurred and the areas were resampled. All confirmation sample results were independently validated with the exception of data collected during the most recent phase of remediation. The results from this evaluation are therefore provisional until Phase 7 data are validated. Validated results for Phase 7 will be used during re-evaluation for the Draft Final Closure Report.

A summary of survey data for the confirmation samples is provided on Table 12-1. The confirmation sample data shows that the majority of soil contaminated with the COCs has been removed. This data will be used in conjunction with any data from soil sampling events where residual contamination remains in place post-removal action.

12.2 SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE

The residual COCs that remain on site following the removal action in limited areas include:

- Hexavalent chromium
- Dioxins
- Lead

TABLE 12-1

SURVEY DATA FOR CONFIRMATION SOIL SAMPLE LOCATIONS

Phase	Location	Northing	Easting	Sample Elevation (feet msl)[1]	Ground Elevation (feet msl)[2]
1A	A2 Floor	1824705	6293928	-0.02	11.98
1A	B5 Sidewall	1824778	6293976	10.22	11.22
1A	B7 Sidewall	1824808	6294017	7.34	11.34
1A	C11 Floor	1824850	6294117	1.8	11.80
1A	C11 FR	1824843	6294113	-0.13	11.87
1A	C13 Floor	1824870	6294154	1.59	11.84
1A	D16 Floor	1824874	6294240	3.07	13.32
1A	D16 Sidewall	1824879	6294263	11.23	12.23
1A	D7 Floor	1824760	6294051	2.0	12.00
1A	F15 Floor	1824833	6294235	4.88	14.88
1A	F17 Floor	1824864	6294280	4.65	14.65
1A	F18 Sidewall	1824874	6294308	3.74	13.74
1A	G12 Floor	1824823	6294230	4.88	14.88
1A	J10 Floor	1824703	6294198	3.45	13.70
1A	J7 Floor	1824632	6294133	1.33	13.33
1B	B11 Sidewall	1824854	6294098	10.61	11.61
1B	B13 Sidewall	1824903	6294133	10.19	11.19
1B	DP Floor	1824827	6294121	2.01	12.01
1B	DP FR	1824826	6294121	0.01	12.01
1B	J13 FR	1824753	6294249	4.69	14.94
1B	J16 Floor	1824790	6294324	5.14	15.14
1B	J19 Floor	1824832	6294367	4.64	14.89
1B	J19 Sidewall	1824843	6294380	10.80	14.80
1B	J19 Sidewall	1824843	6294380	10.8	14.80
1B	M10 Floor	1824637	6294238	3.77	13.77
1B	M13 Floor	1824695	6294301	4.68	14.68
1B	M16 Floor	1824730	6294402	3.9	14.15
1B	M19 Floor	1824766	6294418	3.89	14.14
1B	M19 Sidewall	1824773	6294426	10.22	14.22
1B	P11 Floor	1824626	6294298	3.51	13.51
1B	P11Sidewall	1824624	6294283	8.37	12.37
1B	P11SR	1824618	6294284	8.14	12.14
1B	P14 Floor	1824651	6294370	2.90	12.90
1B	P14 Sidewall	1824652	6294371	8.88	12.88
1B	P17 Floor	1824695	6294431	2.24	12.49
1B	P17 Sidewall	1824706	6294445	8.15	12.15
1B	P17 Sidewall	1824706	6294445	8.15	12.15
1B	P8 Floor	1824569	6294270	0.50	12.50
1B	P8 NE Floor	1824587	6294267	2.4	12.15
1B	PWC Sidewall 1	1824811	6294402	7.56	14.81

TABLE 12-1

SURVEY DATA FOR CONFIRMATION SOIL SAMPLE LOCATIONS

Phase	Location	Northing	Easting	Sample Elevation (feet msl)[1]	Ground Elevation (feet msl)[2]
6	B2 West Sidewall-2	1824720	6294461	8.59	12.59
6	B2 West Sidewall-3	1824717	6294443	8.51	12.51
6	B4 East Sidewall	1824853	6294402	10.86	14.86
6	B4 Floor	1824849	6294396	4.84	14.84
6	B4 North Sidewall	1824860	6294390	10.79	14.79
6	B4 South Sidewall	1824842	6294401	10.84	14.84
6	B4 West Sidewall	1824847	6294391	10.81	14.81
6	C1 East Sidewall	1824571	6294557	9.67	13.67
6	C1 Floor	1824569	6294552	8.69	13.69
6	C1 North Sidewall	1824579	6294551	9.51	13.51
6	C1 South Sidewall	1824560	6294553	9.6	13.60
6	C1 West Sidewall	1824570	6294548	9.54	13.54
6	C5 East Sidewall	1824889	6294510	11.51	15.51
6	C5F-1	1824884	6294504	5.3	15.30
6	C5F-2	1824867	6294465	4.99	14.99
6	C5N E SW	1824959	6294508	10.6	14.60
6	C5N S F	1824931	6294513	4.8	14.80
6	C5N S SW	1824912	6294531	11.95	15.95
6	C5N SW	1824923	6294457	10.78	14.78
6	C5N W F	1824942	6294466	4.96	14.96
6	C5N W SW	1824923	6294457	10.78	14.78
6	C5NS-1	1824893	6294498	9.29	15.29
6	C5NS-2	1824897	6294491	9.16	15.16
6	C5NS-3	1824901	6294484	9.00	15.00
6	C5NS-4	1824879	6294453	8.97	14.97
6	C5SS-1	1824879	6294506	11.3	15.30
6	C5SS-2	1824853	6294469	10.97	14.97
6	C5WS-1	1824886	6294497	11.15	15.15
6	C5WS-2	1824887	6294490	11.00	15.00
6	C5WS-3	1824889	6294483	10.87	14.87
6	C5WS-4	1824852	6294445	10.94	14.94
6	D4 East Sidewall	1824773	6294509	10.29	14.29
6	D4 Floor	1824778	6294559	4.42	14.42
6	D4 North Sidewall	1824800	6294543	10.65	14.65
6	D4 South Sidewall	1824773	6294509	10.29	14.29
6	E1 East Sidewall	1824954	6294266	7.59	11.59
6	E1 Floor	1824941	6294246	0.26	11.76
6	E1 North Sidewall	1824957	6294235	7.38	11.38
6	E1 South Sidewall	1824927	6294256	7.88	11.88
6	E1 West Sidewall	1824928	6294225	7.7	11.70

- benzo[a]pyrene
- benzo[b]fluoranthene
- dibenz[a,h]anthracene

Soil that exceeded target cleanup goals was not removed when one or more of the following criteria were met:

- Exceedance was in a sidewall located at the horizontal limits of the IRP Sub-Site 2A boundary.
- Exceedance was for hexavalent chromium only.
- Exceedance was located next to a building or structure not designated for demolition.
- Exceedance was located near utilities and removal would not be feasible.
- Exceedance was determined after the area had been backfilled.

The sample locations (presented in Figure 12-1) and the rationale for leaving the residual contaminated soil exceeding target cleanup goals in place, are described below:

- Samples D5 Floor (f), B7 from sidewall (s), D16f, B5s, C13f duplicate (dup), C11f resample (r), J19f, PWC 1s, PWC 2s, PWC 3s, J10f, M19f, M19s, M16f, P17f, J13f, M13f, P11s, J0s, J4f, J7f, M10f, P5f, P5s, P8NEf, Q8s south, P11fr, C5Ns-4, C5NSf, C5Nes, C5NWs, CSTNEf, CSTNWf, CSTSWf, CSTE1s, CSTE2s, CSTN1s, CSTW1s, CSTW2s, CSTS1s, CSTS2s, C5-2, C5-3, and C5-4 had cleanup exceedances for hexavalent chromium. Additional soil was not excavated from these areas because hexavalent chromium was the only exceedance.
- Samples D0f dup and D0f had cleanup goal exceedances for hexavalent chromium and benzo[a]pyrene, respectively. This area was backfilled prior to the receipt of analytical results, as directed by the DON, because of production and cost issues.
- Sample G6f had cleanup goal exceedances for hexavalent chromium and benzo[a]pyrene. Additional soil was not excavated from this area because of the proximity of a fiber optic duct bank.
- Sample C5NSs had cleanup goal exceedances for hexavalent chromium, benzo[a]pyrene, and benzo[b]fluoranthene. This area has not been excavated pending the results of the remedial investigation.
- Sample M16f had cleanup goal exceedances for hexavalent chromium and dioxin (2,3,7,8-TCDD). This area was backfilled prior to the receipt of analytical results, as directed by the DON, because of production and cost issues.
- Sample J1f had a cleanup goal exceedance for dioxin (2,3,7,8-TCDD). This area was backfilled prior to the receipt of analytical results, as directed by the DON, because of production and cost issues.

- Sample Q8Es had cleanup goal exceedances for hexavalent chromium and dioxin (2,3,7,8-TCDD). This area was backfilled prior to receipt of analytical results, as directed by the DON, because of production and cost issues.
- Sample CSTSEf had cleanup goal exceedances for hexavalent chromium and dioxin (2,3,7,8-TCDD). This area was backfilled prior to the receipt of analytical results, as directed by the DON.
- Sample C5Ns-4 had cleanup goal exceedances for hexavalent chromium, lead, benzo[a]pyrene, benzo[b]fluoranthene, dibenz[a,h]anthracene, and dioxin (2,3,7,8-TCDD). This area has not been excavated pending the results of the remedial investigation.
- Soil boring locations along Seventh Street including Borings A3, A5, A7, A9, A12, and A15 had cleanup goal exceedences for hexavalent chromium. This area was not excavated since it is located outside the boundaries of IRP Sub-Site 2A.

Table 12-2 presents the survey data for all sample locations with concentrations of COCs in excess of the target cleanup levels including confirmations samples and samples from along Seventh Street and adjacent to the C-5 excavation. Table 12-3 presents the analytical results for all sample locations with concentrations of COCs in excess of the target cleanup levels. Table 12-4 presents the analytical results for the soil samples remaining on site after the removal action.

TABLE 12-2

SURVEY DATA FOR SOIL SAMPLE LOCATIONS WITH CHEMICAL CONCENTRATIONS EXCEEDING TARGET CLEANUP LEVELS REMAINING ON SITE AFTER REMOVAL ACTION

Phase	Location	Northing	Easting	Sample Elevation (feet msl)
1A	B5 Sidewall	1824778	6293976	7.22
1A	B7 Sidewall	1824808	6294017	7.34
1A	C11 FR	1824843	6294113	1.62
1A	C13 Floor	1824870	6294154	1.59
1A	D16 Floor	1824874	6294240	3.07
1A	J10 Floor	1824703	6294198	3.45
1B	P8 NE Floor	1824587	6294267	2.40
1B	J13 Floor	1824753	6294249	4.69
1B	M16 Floor	1824730	6294402	3.90
1B	M19 Floor	1824766	6294418	3.89
1B	M19 Sidewall	1824773	6294426	10.22
1B	P17 Floor	1824695	6294431	2.24
1B	PWC Sidewall 3	1824852	6294367	7.49
1B	Q8 E Sidewall	1824551	6294302	8.49
1B	Q8 S Sidewall	1824527	6294299	8.34
1B	J19 Floor	1824832	6294367	4.64
1B	M10 Floor	1824637	6294238	3.77
1B	M13 Floor	1824695	6294301	-0.32
1B	J19 Sidewall	1824843	6294380	10.80
1B	PWC Sidewall 1	1824811	6294402	7.56
1B	PWC Sidewall 2	1824832	6294387	6.57
2A	G6 Floor	1824706	6294091	2.96
2A	D5 Floor	1824731	6294018	1.97
2B	J4 Floor	1824625	6294115	2.85
2B	J1 Floor	1824595	6294020	0.75
2B	J7 Floor	1824632	6294133	1.33
3	D0 FR	1824671	6293892	1.39
3	P5 Floor	1824507	6294177	1.92
3	J0 Sidewall	1824502	6293970	2.28
4	P5 Sidewall	1824491	6294191	7.87
6	C5-2	1824921	6294456	12.28
6	C5-2	1824921	6294456	9.03
6	C5-3	1824877	6294463	12.47
6	C5-3	1824858	6294483	8.97
6	C5-4	1824858	6294483	12.45

TABLE 12-2

SURVEY DATA FOR SOIL SAMPLE LOCATIONS WITH CHEMICAL CONCENTRATIONS EXCEEDING TARGET CLEANUP LEVELS REMAINING ON SITE AFTER REMOVAL ACTION

Phase	Location	Northing	Easting	Sample Elevation (feet msl)
6	C5N E SW	1824959	6294508	10.60
6	C5N S F	1824931	6294513	4.80
6	C5NS-4	1824879	6294453	10.97
6	C5N W F	1824942	6294466	4.96
6	C5NSS	1824912	6294531	11.95
6	C5WS-4	1824852	6294445	10.94
7	CSTSE Floor	1824972	6294437	3.09
7	CSTNE Floor	1825052	6294388	1.29
7	CSTNW Floor	1824986	6294336	1.71
7	CSTSW Floor	1824931	6294335	2.63
7	CSTE1 Sidewall	1824999	6294482	9.82
7	CSTE2 Sidewall	1825070	6294436	7.85
7	CSTN1 Sidewall	1825068	6294375	7.31
7	CSTW1 Sidewall	1824915	6294327	9.5
7	CSTW2 Sidewall	1824957	6294275	7.3
7	CSTS1 Sidewall	1824931	6294422	10.74
7	CSTS2 Sidewall	1824925	6294363	9.89
7th Street	A3	1824979	6294458	10.46
7th Street	A3	1824979	6294458	8.46
7th Street	A3	1824979	6294458	5.96
7th Street	A5	1824887	6294374	10.45
7th Street	A5	1824887	6294374	5.95
7th Street	A9	1824860	6294094	5.0
7th Street	A12	1824900	6294195	5.07
7th Street	A15	1824933	6294141	7.99
7th Street	A15	1824933	6294141	4.99
7th Street	A18	1824975	6294206	4.99

Notes:

CST - collection, storage, and transfer

FR - floor resample

msl - mean sea level

NE - northeast

PWC - Public Works Center

SW - southwest

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1410	0002-1411	0002-1414	0002-1453	0002-1454 (FD)	0002-1491	0002-1663
Sample Location			B7 Sidewall	D16 Floor	B5 Sidewall	C13 Floor	C13 Floor	C11 Floor	J10 Floor
Sample Date			6/12/2000	6/12/2000	6/13/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000
Analyte	**Units**	**Cleanup Goals**							
Metals									
HEXAVALENT CHROMIUM	mg/kg	0.2	0.4	0.3	0.2 J	0.24 U	0.2 J	0.81	0.4
ANTIMONY	mg/kg	NE	5.3 U	5.9 U	5.2 U	5.9 U	5.8 U	5.8 U	5.7 U
ARSENIC	mg/kg	9.05	2.3	0.86	1.8	0.98	1.9	1.5	1.7
BARIUM	mg/kg	NE	12.3	60.9	13.1	22.4	106	74.9	60.5
BERYLLIUM	mg/kg	NE	0.21 U	0.23 U	0.21 U	0.24 U	0.23 U	0.23 U	0.23 U
CADMIUM	mg/kg	NE	0.21 U	0.23 U	0.21 U	0.24 U	0.23 U	0.23 U	0.23 U
CHROMIUM	mg/kg	NE	4.9	10.4	6.1	6	22.6	11	12.4
COBALT	mg/kg	NE	3	4.3	2.1	2.5	16.5	7	5.5
COPPER	mg/kg	NE	2.2	5.7	1.3	4.1	24.1	8.7	11.4 J
LEAD	mg/kg	130	0.65	1.3	0.69	13.2	5.8	1.6	5
MERCURY	mg/kg	NE	0.21 U	0.23 U	0.21 U	0.24 U	0.038 J	0.23 U	0.23 U
MOLYBDENUM	mg/kg	NE	0.21 U	0.23 U	0.21 U	0.24 U	0.23 U	0.23 U	0.23 U
NICKEL	mg/kg	NE	1.9	3.6	1.3	1.6	11.5	4.9	17.3
SELENIUM	mg/kg	NE	0.53 U	0.59 U	0.52 U	0.59 U	0.58 U	0.58 U	0.57 U
SILVER	mg/kg	NE	0.53 U	0.59 U	0.52 U	0.59 U	0.58 U	0.58 U	0.23 J
THALLIUM	mg/kg	NE	0.53 U	0.59 U	0.52 U	0.59 U	0.58 U	0.58 U	0.57 U
VANADIUM	mg/kg	NE	10.2	33.5	7.6	21.7	63.3	39.4	54.5
ZINC	mg/kg	NE	7.8	13.8	8.4	18.6	55.9	24.5	21.4 J
Total Petroleum Hydrocarbons									
DIESEL	mg/kg	NE	11 U	12 U	10 U	12 U	12 U	12 U	12000
MOTOR OIL	mg/kg	NE	11 U	12 U	10 U	12 U	2 J	12 U	2100
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.02 J	0.5 U	0.5 U	240
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	46 J
Pesticides									
4,4'-DDD	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
4,4'-DDE	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
4,4'-DDT	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
ALDRIN	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
ALPHA-BHC	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
CHLORDANE	µg/kg	NE	53 U	59 U	52 U	59 U	58 U	58 U	290 U
DELTA-BHC	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
DIELDRIN	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
ENDOSULFAN I	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
ENDOSULFAN II	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
ENDOSULFAN SULFATE	µg/kg	NE	5.3 U	5.9 U	5.2 U	5.9 U	5.8 U	5.8 U	29 U
ENDRIN	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
ENDRIN ALDEHYDE	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
ENDRIN KETONE	µg/kg	NE	2.1 U	2.3 U	2.1 U	2.4 U	2.3 U	2.3 U	11 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.1 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	5.7 U
METHOXYCHLOR	µg/kg	NE	11 U	12 U	10 U	12 U	12 U	12 UJ	57 U
TOXAPHENE	µg/kg	NE	110 U	120 U	100 U	120 U	120 U	120 U	570 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1410	0002-1411	0002-1414	0002-1453	0002-1454 (FD)	0002-1491	0002-1663
Sample Location			B7 Sidewall	D16 Floor	B5 Sidewall	C13 Floor	C13 Floor	C11 Floor	J10 Floor
Sample Date			6/12/2000	6/12/2000	6/13/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000
Analyte	Units	Cleanup Goals							
Polychlorinated Biphenyls									
AROCLOR 1016	µg/kg	NE	53 U	59 U	52 U	59 U	58 U	58 U	57 U
AROCLOR 1221	µg/kg	NE	110 U	120 U	100 U	120 U	120 U	120 U	110 U
AROCLOR 1232	µg/kg	NE	53 U	59 U	52 U	59 U	58 U	58 U	57 U
AROCLOR 1242	µg/kg	NE	53 U	59 U	52 U	59 U	58 U	58 U	57 U
AROCLOR 1248	µg/kg	NE	53 U	59 U	52 U	59 U	58 U	58 U	57 U
AROCLOR 1254	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	29 U
AROCLOR 1260	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	29 U
Volatile Organic Compounds									
1,1,1-TRICHLOROETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
1,1-DICHLOROETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
1,1-DICHLOROETHENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
1,2-DICHLOROETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
1,2-DICHLOROPROPANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
2-BUTANONE	µg/kg	NE	150 U	130 U	160 U	100 U	120 U	NA	120 U
2-HEXANONE	µg/kg	NE	4 J	3 J	80 U	52 U	58 U	NA	61 U
4-METHYL-2-PENTANONE	µg/kg	NE	1 J	65 U	80 U	52 U	58 U	NA	61 U
ACETONE	µg/kg	NE	28 J	130 U	160 U	23 J	25 J	NA	120 U
BENZENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	1 J
BROMODICHLOROMETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
BROMOFORM	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
BROMOMETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
CARBON DISULFIDE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6 J
CARBON TETRACHLORIDE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
CHLOROBENZENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
CHLOROETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
CHLOROFORM	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
CHLOROMETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
DIBROMOCHLOROMETHANE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
ETHYLBENZENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	37 J
METHYL TERT-BUTYL ETHER	µg/kg	NE	15 U	13 U	16 U	10 U	12 U	NA	12 U
METHYLENE CHLORIDE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
STYRENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
TETRACHLOROETHENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
TOLUENE	µg/kg	NE	7.6 U	6.5 U	2 J	5.2 U	5.8 U	NA	6.1 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
TRICHLOROETHENE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
VINYL ACETATE	µg/kg	NE	76 U	65 U	80 U	52 U	58 U	NA	61 U
VINYL CHLORIDE	µg/kg	NE	7.6 U	6.5 U	8 U	5.2 U	5.8 U	NA	6.1 U
XYLENES (TOTAL)	µg/kg	NE	23 U	19 U	0.8 J	16 U	17 U	NA	5 J

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1410	0002-1411	0002-1414	0002-1453	0002-1454 (FD)	0002-1491	0002-1663
Sample Location			B7 Sidewall	D16 Floor	B5 Sidewall	C13 Floor	C13 Floor	C11 Floor	J10 Floor
Sample Date			6/12/2000	6/12/2000	6/13/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000
Analyte	Units	Cleanup Goals							
Semivolatile Organic Compounds									
1,2,4-TRICHLOROBENZENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
1,2-DICHLOROBENZENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
1,3-DICHLOROBENZENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
1,4-DICHLOROBENZENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	1700 U	1900 U	1700 U	1900 U	1800 U	1800 U	37000 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2,4-DICHLOROPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2,4-DIMETHYLPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2,4-DINITROPHENOL	µg/kg	NE	1700 UJ	1900 U	1700 U	1900 U	1800 U	1800 U	37000 U
2,4-DINITROTOLUENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2,6-DINITROTOLUENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2-CHLORONAPHTHALENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2-CHLOROPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2-METHYLPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
2-NITROANILINE	µg/kg	NE	1700 U	1900 U	1700 U	1900 U	1800 U	1800 U	37000 U
2-NITROPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	350 UJ	390 U	340 U	390 U	380 U	380 U	7600 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
3-NITROANILINE	µg/kg	NE	1700 U	1900 U	1700 U	1900 U	1800 U	1800 U	37000 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1700 U	1900 U	1700 U	1900 U	1800 U	1800 U	37000 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
4-CHLOROANILINE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
4-NITROANILINE	µg/kg	NE	1700 UJ	1900 U	1700 U	1900 U	1800 U	1800 U	37000 U
4-NITROPHENOL	µg/kg	NE	1700 U	1900 U	1700 U	1900 U	1800 U	1800 U	37000 U
ACENAPHTHENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	570 U
ACENAPHTHYLENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	570 U
ANTHRACENE	µg/kg	6100	27 U	29 U	26 U	29 U	29 U	29 U	570 U
BENZ[A]ANTHRACENE	µg/kg	560	27 U	29 U	26 U	29 U	29 U	29 U	570 U
BENZO[A]PYRENE	µg/kg	56	27 U	29 U	26 U	29 U	29 U	29 U	570 U
BENZO[B]FLUORANTHENE	µg/kg	560	27 U	29 U	26 U	29 U	29 U	29 U	570 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	570 U
BENZO[K]FLUORANTHENE	µg/kg	610	27 U	29 U	26 U	29 U	29 U	29 U	570 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	350 U	390 U	340 U	51 J	380 U	380 U	7600 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	350 UJ	390 U	340 U	390 U	380 U	380 U	7600 U
CHRYSENE	µg/kg	6100	27 U	29 U	26 U	29 U	29 U	29 U	570 U
DIBENZ[A,H]ANTHRACENE	µg/kg	56	27 U	29 U	26 U	29 U	29 U	29 U	570 U
DIBENZOFURAN	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
DIETHYL PHTHALATE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
DIMETHYL PHTHALATE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1410	0002-1411	0002-1414	0002-1453	0002-1454 (FD)	0002-1491	0002-1663
Sample Location			B7 Sidewall	D16 Floor	B5 Sidewall	C13 Floor	C13 Floor	C11 Floor	J10 Floor
Sample Date			6/12/2000	6/12/2000	6/13/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000
Analyte	**Units**	**Cleanup Goals**							
FLUORANTHENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	570 U
FLUORENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	8400 J
HEXACHLOROBENZENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
HEXACHLOROBUTADIENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
HEXACHLOROETHANE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	27 U	29 U	26 U	29 U	29 U	29 U	570 U
NAPHTHALENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	3800
NITROBENZENE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
PENTACHLOROPHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
PHENANTHRENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	9600 J
PHENOL	µg/kg	NE	350 U	390 U	340 U	390 U	380 U	380 U	7600 U
PYRENE	µg/kg	NE	27 U	29 U	26 U	29 U	29 U	29 U	320 J
Organotin									
DIBUTYLTIN	µg/kg	NE	5.3 U	5.9 U	5.2 U	5.9 U	5.8 U	5.8 U	5.7 R
MONOBUTYLTIN	µg/kg	NE	5.3 U	5.9 U	5.2 U	5.9 U	5.8 U	5.8 U	5.7 R
TETRABUTYLTIN	µg/kg	NE	5.3 U	5.9 U	5.2 U	5.9 U	5.8 U	5.8 U	5.7 R
TRIBUTYLTIN	µg/kg	NE	5.3 U	5.9 U	5.2 U	5.9 U	5.8 U	5.8 U	5.7 R
Dioxins and Furans									
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	2.4 UJ	3 UJ	20.8 J	58.9 J	59.3 J	410	155 J
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	0.5 UJ	0.6 UJ	1.2 J	2.3 J	2.6 J	7.1 J	60.6 UJ
1,2,3,4,6,7,8-HPCDD	pg/g	NE	0.4 UJ	0.4 UJ	2 J	7.1 J	8.6 J	67.4	69.3
1,2,3,4,6,7,8-HPCDF	pg/g	NE	0.3 U	0.3 U	0.75 J	2.3 J	1.3 J	9.3	18.6 U
1,2,3,4,7,8,9-HPCDF	pg/g	NE	0.4 UJ	0.3 UJ	0.3 UJ	0.3 UJ	0.3 UJ	0.6 U	22.9 U
1,2,3,4,7,8-HXCDD	pg/g	NE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.64 J	15.1 U
1,2,3,4,7,8-HXCDF	pg/g	NE	0.2 U	0.2 U	0.2 U	1.2 J	0.2 U	3.7 J	9.3 U
1,2,3,6,7,8-HXCDD	pg/g	NE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	2.1 J	15.1 U
1,2,3,6,7,8-HXCDF	pg/g	NE	0.2 U	0.2 U	0.2 U	0.42 J	0.2 U	1.3 J	8.9 U
1,2,3,7,8,9-HXCDD	pg/g	NE	0.3 UJ	0.3 UJ	0.3 UJ	0.3 UJ	0.2 UJ	2.2 J	14.6 U
1,2,3,7,8,9-HXCDF	pg/g	NE	0.3 UJ	0.3 UJ	0.2 UJ	0.3 UJ	0.2 UJ	0.5 U	11.4 U
1,2,3,7,8-PECDD	pg/g	NE	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.3 UJ	0.46 J	8.3 U
1,2,3,7,8-PECDF	pg/g	NE	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	1.4 J	5.5 U
2,3,4,6,7,8-HXCDF	pg/g	NE	0.2 UJ	0.2 UJ	0.2 UJ	0.65 J	0.2 UJ	2.1 J	9.6 U
2,3,4,7,8-PECDF	pg/g	NE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.8 J	5.4 U
2,3,7,8-TCDD	pg/g	NE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	3.9 U
2,3,7,8-TCDF	pg/g	NE	0.2 U	0.2 U	0.2 U	1.1	0.2 U	0.84 J	3.4 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	0.00E+00	0.00E+00	4.95E-08	4.92E-07	1.61E-07	3.67E-06	8.48E-07
Radiochemistry									
GROSS ALPHA	pCi/g	NE	7.2	3.6	4	-0.065	2.3	1.7	5.9
GROSS BETA	pCi/g	NE	11	8.6	7.2	9.8	23	2.3	6.4
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	0.37	NA	NA	NA	NA	0.47
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1410	0002-1411	0002-1414	0002-1453	0002-1454 (FD)	0002-1491	0002-1663
Sample Location			B7 Sidewall	D16 Floor	B5 Sidewall	C13 Floor	C13 Floor	C11 Floor	J10 Floor
Sample Date			6/12/2000	6/12/2000	6/13/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000
Analyte	Units	Cleanup Goals							
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	NE	0.2 U	0.29	0.31	0.2 U	0.1 U	NA	0.36
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0.21	0.52	0.25	0.34	0.34	0.34	0.58
LEAD-214	pCi/g	NE	0.2 U	0.28	0.32	0.2 U	0.2 U	NA	0.46
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	8.3	11	12	9.8	9.2	8.1	9.9
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0.07	0.19	0.091	0.1	0.1	NA	0.14
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1410	0002-1411	0002-1414	0002-1453	0002-1454 (FD)	0002-1491	0002-1663
Sample Location			B7 Sidewall	D16 Floor	B5 Sidewall	C13 Floor	C13 Floor	C11 Floor	J10 Floor
Sample Date			6/12/2000	6/12/2000	6/13/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000
Analyte	Units	Cleanup Goals							
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-2141	0002-2168	0002-2170	0002-2171
Sample Location			J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	M10 Floor	P8 NE Floor	Q8 S Sidewall	Q8 E Sidewall
Sample Date			8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001
Analyte	**Units**	**Cleanup Goals**																
Metals																		
HEXAVALENT CHROMIUM	mg/kg	0 2	0.3	0 3	0.4	0.4	1.4	0.2	0.4	0.4	0.3	0.3	0.2 J	2.7	0.3	0.5	2	5
ANTIMONY	mg/kg	NE	5 5 U	5 9 U	5 6 U	6 5 U	5.7 U	5 6 U	5 8 U	5 9 U	5 4 U	5 6 U	0 33 J	5.8 U	6 U	5 9 U	5 4 U	5 4 U
ARSENIC	mg/kg	9 05	0 81	1 8	1 3	3 3	2 2	1 3	1 5	1 5	2 1	1 3	0 94	1 8	2	1 4	1 7	2.6
BARIUM	mg/kg	NE	56 2	67 9	101	83 7	128	57 2	60 9	62 6	23 1	10 8	78 8	19 1	34.9	19 2	27 8	87 6
BERYLLIUM	mg/kg	NE	0 22 U	0 24 U	0 22 U	0 26 U	0 23 U	0 22 U	0 23 U	0 24 U	0 22 U	0 22 U	0 23 U	0 23 U	0 24 U	0 24 U	0 21 U	0 22 U
CADMIUM	mg/kg	NE	0 22 U	0 12 J	0 22 U	0 093 J	0 23 U	0 22 U	0 23 U	0 24 U	0 22 U	0 22 U	0 23 U	0 23 U	0 24 U	0 24 U	0 21 U	0 52
CHROMIUM	mg/kg	NE	6 9	11 8	12	21 1	13 6	8 3	10	10	4 6	5 2	14 2	5 3	15 3	4 5	7 6	34 9
COBALT	mg/kg	NE	4 5	6 1	8 3	9 4	12 3	4 7	5 1	6 1	2 1	2 2	6	2 4	3 7	2	2 9	6 7
COPPER	mg/kg	NE	5 8	27	12 1	22 7	13 3 J	11 J	7 1 J	7 1 J	1 4 J	2 7 J	85 2	2 4	3 6	7 5 J	23 4 J	596 J
LEAD	mg/kg	130	1 3	52 4	2 2	12 4	3 5	3 7	1 5 J	1 6	0 65 J	0 81 J	15 4	1	1 2	2	5 6	114
MERCURY	mg/kg	NE	0 22 U	0 15 J	0 058 J	0 094 J	0 23 U	0 22 U	0 23 U	0 24 U	0 22 U	0 22 U	0 12 J	0 23 U	0 24 U	0 084 J	0 64	1 6
MOLYBDENUM	mg/kg	NE	0 22 U	0 24 U	0 22 U	0 26 U	0 23 U	0 22 U	0 23 U	0 24 U	0 41	0 22 U	0 23 U	0 23 U	0 24 U	0 24 U	0 21 U	0 22 U
NICKEL	mg/kg	NE	2 7	6 1	5 5	8 9	6 8	3 1	4	4	1 4	2 1	7 6	1 8	3 1	1 3 J	2 8 J	7 J
SELENIUM	mg/kg	NE	0 55 U	0 59 U	0 56 U	0 65 U	0 57 U	0 56 U	0 25 J	0 24 J	0 54 U	0 56 U	0 57 U	0 58 U	0 6 U	0 59 U	0 54 U	0 54 U
SILVER	mg/kg	NE	0 55 U	0 59 U	0 56 U	0 65 U	0 14 J	0 11 J	0 099 J	0 099 J	0 13 J	0 56 U	0 57 U	0 58 U	0 6 U	0 59 U	0 54 U	0 54 U
THALLIUM	mg/kg	NE	0 55 U	0 59 U	0 56 U	0 65 U	0 57 U	0 56 U	0 58 U	0 59 U	0 54 U	0 56 U	0 57 U	0 58 U	0 6 U	0 59 U	0 54 U	0 54 U
VANADIUM	mg/kg	NE	26 7	39 9	49 2	56 5	51 6	26 2	33 6	35 8	8 9	17 9	44 4	14 2	48 1	15 4	20 4	36 4
ZINC	mg/kg	NE	11.5	49.5	24	50.2	25.6 J	16.2 J	13.6 J	15.3 J	6 J	5.4 J	58.7	7.5	9.5	9.4 J	25.6 J	438 J
Total Petroleum Hydrocarbons																		
DIESEL	mg/kg	NE	11 UJ	49 J	11 U	170 J	11 U	16	12 U	12 U	2 J	11 U	7700	3 J	18	9 J	6 J	18
MOTOR OIL	mg/kg	NE	11 UJ	53 J	11 U	340 J	2 J	30	12 U	12 U	8 J	11 U	2000	12 U	3 J	3 J	35	74
SPLP DIESEL	mg/L	NE	1 J	0.5 U	0 5 U	3 1 J	0.1 J	0 5 U	0 2 J	0 5 U	0 5 U	1.2	63	0 5 U	12 J	0 5 U	0 5 U	0 4 J
SPLP MOTOR OIL	mg/L	NE	0.5 UJ	0.5 U	0.5 U	2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	17 J	0.06 J	5 U	0.5 U	0.5 U	2
Pesticides																		
4 4 -DDD	µg/kg	NE	2 2 U	2.4 U	2 2 U	2 6 UJ	2 3 U	2.2 U	2 3 U	2 4 U	2 2 U	2 2 U	11 U	2 3 U	2 4 U	2 4 U	2 1 U	2 J
4 4 -DDE	µg/kg	NE	2 2 U	2 4 U	2 2 U	2 6 UJ	2 3 U	2 2 U	2 3 U	2 4 U	2 2 U	2.2 U	11 U	2 3 U	2.4 U	2 4 U	2 1 U	3
4 4 -DDT	µg/kg	NE	2 2 U	2 4 U	2 2 U	2.6 UJ	2 3 U	2 2 U	3	2 4 U	2 2 U	2 2 U	11 U	2 3 U	2 4 U	2 4 U	2 1 U	11
ALDRIN	µg/kg	NE	1.1 U	1 2 U	1.1 U	1 3 UJ	1 1 U	1 1 U	1 2 U	1 2 U	1 1 U	1 1 U	5.7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
ALPHA-BHC	µg/kg	NE	1 1 U	1 2 U	1 1 U	1 3 UJ	1 1 U	1 1 U	1 2 U	1 2 U	1.1 U	1 1 U	5.7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 7 U	1 2 U	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.1 U	1 2 U	1 1 U	1.3 UJ	1 1 U	1.1 U	1 2 U	1 2 U	1 1 U	1 1 U	5 7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
CHLORDANE	µg/kg	NE	55 U	59 UJ	56 UJ	65 UJ	57 U	56 U	58 U	59 U	54 U	56 U	NA	NA	60 U	59 U	54 U	54 U
DELTA-BHC	µg/kg	NE	1.1 U	1 2 U	1 1 U	1 3 UJ	1 1 U	1 1 U	1 2 U	1 2 U	1.1 U	1 1 U	5.7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
DIELDRIN	µg/kg	NE	2 2 U	2 4 U	2 2 U	2 6 UJ	2 3 U	2 2 U	2 3 U	2 4 U	2 2 U	2 2 U	11 U	2 3 U	2.4 U	2 4 U	2 1 U	2.2 U
ENDOSULFAN I	µg/kg	NE	1 1 U	1 2 U	1.1 U	1 3 UJ	1 1 U	1 1 U	1 2 U	1 2 U	1 1 U	1 1 U	5 7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
ENDOSULFAN II	µg/kg	NE	2 2 U	2 4 U	2 2 U	0 6 J	2 3 U	2 2 U	2 3 U	2 4 U	2 2 U	2 2 U	11 U	2 3 U	2 4 U	2 4 U	2 1 U	2 2 U
ENDOSULFAN SULFATE	µg/kg	NE	5 5 U	5 9 U	5 6 U	6 5 UJ	5 7 U	5.6 U	5 8 U	5 9 U	5 4 U	5 6 U	28 U	5 8 U	6 U	5 9 U	5 4 U	5 4 U
ENDRIN	µg/kg	NE	2 2 U	2 4 U	2 2 U	2 6 UJ	0 8 J	2 2 U	3	2 4 U	2 2 U	2 2 U	11 U	2 3 U	2 4 U	2 4 U	2 1 U	2 2 U
ENDRIN ALDEHYDE	µg/kg	NE	2 2 U	2 4 U	2 2 U	6.1 J	2 3 U	2 2 U	2 3 U	2 4 U	2 2 U	2 2 U	11 U	2 3 U	2 4 U	2 4 U	2 1 U	2 2 U
ENDRIN KETONE	µg/kg	NE	2 2 U	2 4 U	2 2 U	7 6 J	2 3 U	2 2 U	2 3 U	2 4 U	2 2 U	2 2 U	11 U	2 3 U	2 4 U	2 4 U	2 1 U	2 2 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1 1 U	1 2 U	1 1 U	1 3 UJ	1 1 U	1 1 U	1 2 U	1 2 U	1 1 U	1 1 U	5.7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 7 U	1 2 U	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1 1 U	1 2 U	1 1 U	1 3 UJ	1 1 U	1 1 U	1 2 U	1 2 U	1 1 U	1 1 U	5 7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1 1 U	1 2 U	1 1 U	1 3 UJ	1 1 U	1 1 U	1 2 U	1 2 U	1 1 U	1 1 U	5.7 U	1 2 U	1 2 U	1 2 U	1 1 U	1 1 U
METHOXYCHLOR	µg/kg	NE	11 U	12 U	11 U	13 UJ	11 U	11 U	2 J	12 U	11 U	11 U	57 U	12 U	12 UJ	12 U	11 U	11 U
TOXAPHENE	µg/kg	NE	110 UJ	120 UJ	110 UJ	130 UJ	110 U	110 U	120 U	120 U	110 U	110 U	570 U	120 U	120 U	120 U	110 U	110 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-2141	0002-2168	0002-2170	0002-2171
Sample Location			J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	M10 Floor	P8 NE Floor	Q8 S Sidewall	Q8 E Sidewall
Sample Date			8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001
Analyte	Units	Cleanup Goals																
Polychlorinated Biphenyls																		
AROCLOR 1016	µg/kg	NE	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	60 U	59 U	54 U	54 U
AROCLOR 1221	µg/kg	NE	110 U	120 U	110 U	130 U	110 U	560 U	120 U	120 U	110 U	110 U	110 U	120 U	120 U	120 U	110 U	110 U
AROCLOR 1232	µg/kg	NE	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	60 U	59 U	54 U	54 U
AROCLOR 1242	µg/kg	NE	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	60 U	59 U	54 U	54 U
AROCLOR 1248	µg/kg	NE	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	60 U	59 U	54 U	54 U
AROCLOR 1254	µg/kg	NE	27 U	30 U	28 U	32 U	28 U	140 U	29 U	30 U	27 U	28 U	28 U	29 U	30 U	29 U	27 U	27 U
AROCLOR 1260	µg/kg	NE	27 U	30 U	28 U	32 U	28 U	3440	29 U	30 U	100	28 U	28 U	29 U	30 U	29 U	3 J	63
Volatile Organic Compounds																		
1 1,1-TRICHLOROETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
1 1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
1 1 2-TRICHLOROETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
1,1-DICHLOROETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
1,1-DICHLOROETHENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
1,2-DICHLOROETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
1 2-DICHLOROPROPANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
2-BUTANONE	µg/kg	NE	110 U	140 U	130 U	120 U	120 U	100 U	110 U	100 U	140 U	110 U	89 U	110 U	580 J	120 U	110 U	93 U
2-HEXANONE	µg/kg	NE	53 U	71 U	63 U	62 U	60 U	52 U	55 U	50 U	71 U	53 U	44 U	56 U	6000 UJ	58 U	53 U	46 U
4-METHYL-2-PENTANONE	µg/kg	NE	53 U	71 U	63 U	62 U	60 U	52 U	55 U	50 U	71 U	53 U	44 U	56 U	6000 UJ	58 U	53 U	46 U
ACETONE	µg/kg	NE	110 U	140 U	130 U	120 U	120 U	100 U	110 U	100 U	140 U	110 U	22 J	110 U	12000 UJ	120 U	110 U	93 U
BENZENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	42 J	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
BROMODICHLOROMETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
BROMOFORM	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
BROMOMETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CARBON DISULFIDE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	0.7 J	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CARBON TETRACHLORIDE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CHLOROBENZENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	120 J	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CHLOROETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CHLOROFORM	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CHLOROMETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CIS-1 2-DICHLOROETHENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
ETHYLBENZENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	34 J	5.6 U	200 J	5.8 U	5.3 U	4.6 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	11 U	14 U	13 U	12 U	12 U	10 U	11 U	10 U	14 U	11 U	8.9 U	11 U	1200 UJ	12 U	11 U	9.3 U
METHYLENE CHLORIDE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
STYRENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
TETRACHLOROETHENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
TOLUENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
TRICHLOROETHENE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
VINYL ACETATE	µg/kg	NE	53 U	71 U	63 U	62 U	60 U	52 U	55 U	50 U	71 U	53 U	44 U	56 U	6000 UJ	58 U	53 U	46 U
VINYL CHLORIDE	µg/kg	NE	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	600 UJ	5.8 U	5.3 U	4.6 U
XYLENES (TOTAL)	µg/kg	NE	16 U	21 U	19 U	19 U	18 U	16 U	17 U	15 U	21 U	16 U	2 J	17 U	1800 UJ	17 U	16 U	14 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-2141	0002-2168	0002-2170	0002-2171
Sample Location			J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	M10 Floor	P8 NE Floor	Q8 S Sidewall	Q8 E Sidewall
Sample Date			8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001
Analyte	Units	Cleanup Goals																
Semivolatile Organic Compounds																		
1,2,4-TRICHLOROBENZENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
1 2-DICHLOROBENZENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
1 3-DICHLOROBENZENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
1 4-DICHLOROBENZENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	350 J	390 U	400 U	390 U	350 U	360 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U	1900 U	1700 U	1700 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2 4-DICHLOROPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2 4-DIMETHYLPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2,4-DINITROPHENOL	µg/kg	NE	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U	1900 U	1700 U	1700 U
2 4-DINITROTOLUENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2 6-DINITROTOLUENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2-CHLORONAPHTHALENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2-CHLOROPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2-METHYLPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
2-NITROANILINE	µg/kg	NE	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U	1900 U	1700 U	1700 U
2-NITROPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
3,3 -DICHLOROBENZIDINE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	540 U	390 U	350 U	360 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
3-NITROANILINE	µg/kg	NE	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U	1900 U	1700 U	1700 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U	1900 U	1700 U	1700 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
4-CHLOROANILINE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	540 U	390 U	350 U	360 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
4-NITROANILINE	µg/kg	NE	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U	1900 UJ	1700 UJ	1700 UJ
4-NITROPHENOL	µg/kg	NE	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U	1900 U	1700 U	1700 U
ACENAPHTHENE	µg/kg	NE	27 U	30 U	28 U	23 J	28 U	28 U	29 U	30 U	27 U	28 U	2100	29 U	30 U	29 U	27 U	27 U
ACENAPHTHYLENE	µg/kg	NE	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	1200	29 U	30 U	29 U	27 U	24 J
ANTHRACENE	µg/kg	6100	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	850	29 U	30 U	29 U	27 U	28
BENZ[A]ANTHRACENE	µg/kg	560	27 U	20 J	5 J	65 U	28 U	7 J	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	45
BENZO[A]PYRENE	µg/kg	56	27 U	12 J	28 U	16 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	48
BENZO[B]FLUORANTHENE	µg/kg	560	27 U	22 J	28 U	25 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	130
BENZO[G H I]PERYLENE	µg/kg	NE	27 U	6 J	28 U	10 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	61
BENZO[K]FLUORANTHENE	µg/kg	610	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	44
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
CHRYSENE	µg/kg	6100	27 U	25 J	28 U	77	28 U	28 U	29 U	30 U	27 U	28 U	800	29 U	30 U	29 U	27 U	83
DIBENZ[A,H]ANTHRACENE	µg/kg	56	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	27 U
DIBENZOFURAN	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
DIETHYL PHTHALATE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
DIMETHYL PHTHALATE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
FLUORANTHENE	µg/kg	NE	27 U	39	28 U	38 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	63
FLUORENE	µg/kg	NE	27 U	5 J	28 U	28 J	28 U	28 U	29 U	30 U	27 U	28 U	5900	29 U	25 J	29 U	27 U	27 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-2141	0002-2168	0002-2170	0002-2171
Sample Location			J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	M10 Floor	P8 NE Floor	Q8 S Sidewall	Q8 E Sidewall
Sample Date			8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001
Analyte	Units	Cleanup Goals																
HEXACHLOROBENZENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
HEXACHLOROBUTADIENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	680 U	390 U	350 U	360 U
HEXACHLOROETHANE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	30 U	29 U	27 U	52
NAPHTHALENE	µg/kg	NE	27 U	30 U	28 U	65 U	28 U	28 U	310	30 U	27 U	28 U	1300	29 U	10 J	29 U	27 U	27 U
NITROBENZENE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	470 U	390 U	350 U	360 U
PENTACHLOROPHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	410 U	380 U	380 U
PHENANTHRENE	µg/kg	NE	27 U	31	28 U	50 J	28 U	28 U	29 U	30 U	27 U	28 U	4800	29 U	34	29 U	27 U	22 J
PHENOL	µg/kg	NE	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	400 U	390 U	350 U	360 U
PYRENE	µg/kg	NE	27 U	43	28 U	76	28 U	28 U	29 U	30 U	27 U	28 U	920	29 U	30 U	29 U	27 U	74
Organotin																		
DIBUTYLTIN	µg/kg	NE	5 5 U	5 9 U	5 6 U	6 5 U	5 7 U	5 6 U	5 8 U	5 9 U	5 4 U	5 6 U	170 U	18 U	6 U	12 U	11 U	11 U
MONOBUTYLTIN	µg/kg	NE	5 5 U	5 9 U	5 6 U	6 5 U	5.7 U	5.6 U	5 8 U	5 9 U	5 4 U	5 6 U	170 U	18 U	6 U	12 U	11 U	11 U
TETRABUTYLTIN	µg/kg	NE	5 5 U	5 9 U	5 6 U	6 5 U	5.7 U	5 6 U	5 8 U	5 9 U	5 4 U	5.6 U	170 U	18 U	6 U	12 U	11 U	11 U
TRIBUTYLTIN	µg/kg	NE	5.5 U	5.9 U	5.6 U	6.5 U	5.7 U	5.6 U	5.8 U	5.9 U	5.4 U	5.6 U	170 U	18 U	6 U	12 U	11 U	11 U
Dioxins and Furans																		
1 2 3 4,6 7 8 9-OCDD	pg/g	NE	3 4 J	5 2 J	42 7	23 3 J	57.6 J	344 J	2 4 J	0 8 UJ	18 5 J	2 4 J	246 J	2 1 U	1 2 U	26 8 J	17 J	527
1 2 3,4,6 7 8 9-OCDF	pg/g	NE	0 9 U	0 3 U	1.8 J	5 4 J	1 UJ	29.1 J	0.7 UJ	9 9 J	1 2 J	0.6 UJ	81 6 UJ	1 5 U	0 9 U	3 4 U	0 98 J	24 3
1 2 3 4 6,7,8-HPCDD	pg/g	NE	0 8 U	1 1 J	4 J	3 6 J	5 1	40 9	0 5 U	0 4 U	2 1 J	0 52 J	64 UJ	1 4 U	0 7 U	4 3 J	2 4 J	57 7
1 2 3 4 6 7,8-HPCDF	pg/g	NE	0 5 U	0 92 J	2 J	0 37 J	0 4 U	11 9 J	0 3 U	1 5 J	0 64 J	0 2 U	32 U	1 2 J	0 5 U	4 8 J	0 94 J	34 5
1 2 3 4 7,8 9-HPCDF	pg/g	NE	0 7 U	0 2 U	0 2 U	0 3 U	0 6 U	4 7 J	0 4 U	0 3 U	0 2 U	0 3 U	46 1 U	1 U	0 6 U	1 3 U	0 2 U	1 1 J
1,2,3 4 7 8-HXCDD	pg/g	NE	0 5 U	0 2 U	0 33 J	0 2 U	0 4 U	0 4 U	0 3 U	0 2 U	0 2 U	0 2 U	27 2 UJ	0 8 U	0 4 U	0 9 U	0 2 U	0 88 J
1 2 3,4,7,8-HXCDF	pg/g	NE	0 4 U	0 41 J	0 76 J	1 8 J	0 3 U	8 2	0 2 U	0 1 U	0 33 J	0 1 U	16 U	0 71 J	0 3 U	2 2 J	0 22 J	11 7
1 2 3 6 7,8-HXCDD	pg/g	NE	0 5 U	0 2 U	0 2 U	0 2 U	0 4 U	0.99 J	0 3 U	0.2 U	0.2 U	0 2 U	25 9 UJ	0 8 U	0 4 U	0 9 U	0 2 U	2 2 J
1,2 3 6 7 8-HXCDF	pg/g	NE	0.3 U	0.1 U	0 37 J	0 53 J	0 3 U	1 3 J	0 2 U	0 1 U	0 09 U	0.1 U	15 3 U	0 5 U	0 3 U	0 6 U	0 1 U	3 9 J
1 2 3 7 8 9-HXCDD	pg/g	NE	0 5 U	0 2 U	0 2 U	0 2 U	0 4 U	1 5 J	0 3 U	0 2 U	0 2 U	0 12 J	26 4 UJ	0 8 U	0 4 U	0 9 U	0 2 U	2 5 J
1 2 3,7 8 9-HXCDF	pg/g	NE	0 4 U	0 1 U	0.1 U	0 2 U	0 3 U	0 3 U	0 2 U	0 2 U	0.1 U	0 2 U	21 2 U	0 7 U	0 3 U	0 7 U	0 1 U	0 37 J
1 2 3 7 8-PECDD	pg/g	NE	0 4 U	0 2 U	0 2 U	0 3 U	0 3 U	0 3 U	0 2 U	0 1 U	0 1 U	0 2 U	15 4 UJ	0 8 U	0 4 U	0 8 U	0 1 U	0.63 J
1 2,3 7 8-PECDF	pg/g	NE	0 3 U	0 1 U	0.1 U	0 2 U	0 2 U	0 2 U	0 2 U	0 1 U	0 1 U	0 1 U	12 1 U	0 5 U	0 2 U	0 5 U	0 1 U	1 5 J
2 3 4,6,7 8-HXCDF	pg/g	NE	0 4 U	0 1 U	0 48 J	1 5 J	0 3 U	1 3 J	0 2 U	0 1 U	0 1 U	0 1 U	17 1 U	0 6 U	0 3 U	0 6 U	0 23 J	6 3
2,3,4 7 8-PECDF	pg/g	NE	0 3 U	0 1 U	0 1 U	0 43 J	0 2 U	2 7 J	0 2 U	0 1 U	0.1 U	0 1 U	12 2 U	0 5 U	0.2 U	0 5 U	0 1 U	3 8 J
2 3 7 8-TCDD	pg/g	NE	0 4 U	0 2 U	0 1 U	0 2 U	0 3 U	0 3 U	0 2 U	0 1 U	0 1 U	0.2 U	8.8 UJ	0 6 U	0 3 U	0 5 U	0 1 U	0 1 U
2 3 7,8-TCDF	pg/g	NE	0 4 U	0 1 U	0 96 J	0 93 J	0 3 U	2.1	0 2 U	0 1 U	0.07 U	0 1 U	6 2 UJ	0 4 U	0 2 U	0 98 J	0 14 J	5 9
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	3.40E-09	6.64E-08	3.95E-07	7.59E-07	1.09E-07	3.84E-06	2.40E-09	2.49E-08	8.01E-08	1.96E-08	2.46E-07	8.30E-08	0.00E+00	4.36E-07	1.10E-07	7.15E-06
Radiochemistry																		
GROSS ALPHA	pCi/g	NE	2.2	9.6	11	10	6.7	5.3	-0 84	7.1	6 7	1 6	4.8 J	3 9 J	7 4 J	4 3 J	9 2 J	2 3 U
GROSS BETA	pCi/g	NE	11	11	13	23	15	17	8 2	9	18	7 8	17 J	12 J	13	15 2	12 9	13 8
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA	0.79	NA	0.56	0 27	0 28	0 42	0 34	0 24	0.8	NA	NA	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-2141	0002-2168	0002-2170	0002-2171
Sample Location			J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	M10 Floor	P8 NE Floor	Q8 S Sidewall	Q8 E Sidewall
Sample Date			8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001
Analyte	Units	Cleanup Goals																
BISMUTH-214	pCi/g	NE	0 2 U	0 4	0 41	0 3 U	0 59	0 53	0 41	0 47	0 37	0 3	0 72	0 37	NA	NA	NA	NA
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014 U	-0.017 U	-0 024 U	-0 02 U
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0 37	0.7	0 76	0 91	0 41	0 4	0 36	0 47	0 39	0 29	0 84	0.42	0 26	0.29	0 3	NA
LEAD-214	pCi/g	NE	0 2 U	0 41	0 49	0 3 U	0.53	0 45	0 58	0 51	0 34	0 33	0 8	0 44	NA	0.25	0 3	NA
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	11	11	11	15	8 1	7.7	10	11	9.5	9 8	17	14	9.3	10.8	12.5	9.1
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0.15	0 21	0 25	0 36	0 16	0.11	0.15	0 15	0.12	0 094	0 26	0 17	NA	NA	NA	NA
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 36
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number			0002-1405	0002-1549
Sample Location			D5 Floor	G6 Floor
Sample Date			6/6/2000	8/3/2000
Analyte	**Units**	**Cleanup Goals**		
Metals				
HEXAVALENT CHROMIUM	mg/kg	0.2	0.4	0.4
ANTIMONY	mg/kg	NE	6.3 U	6.3 U
ARSENIC	mg/kg	9.05	2	4.6
BARIUM	mg/kg	NE	17.2	111
BERYLLIUM	mg/kg	NE	0.25 U	0.25 U
CADMIUM	mg/kg	NE	0.25 U	0.14 J
CHROMIUM	mg/kg	NE	5.3	23.6
COBALT	mg/kg	NE	3.6	11.2
COPPER	mg/kg	NE	3.5	20.9
LEAD	mg/kg	130	1.5	7.4
MERCURY	mg/kg	NE	0.25 U	0.25 U
MOLYBDENUM	mg/kg	NE	0.25 U	0.35 J
NICKEL	mg/kg	NE	1.9	10.5
SELENIUM	mg/kg	NE	2.3	0.63 U
SILVER	mg/kg	NE	0.63 U	0.63 U
THALLIUM	mg/kg	NE	0.63 U	0.63 U
VANADIUM	mg/kg	NE	15	55.3
ZINC	mg/kg	NE	30.2	51.5
Total Petroleum Hydrocarbons				
DIESEL	mg/kg	NE	13 U	15 J
MOTOR OIL	mg/kg	NE	3 J	29 J
SPLP DIESEL	mg/L	NE	0.5 U	2.4 J
SPLP MOTOR OIL	mg/L	NE	0.06 J	1.1 J
Pesticides				
4,4'-DDD	µg/kg	NE	2.5 U	2.5 U
4,4'-DDE	µg/kg	NE	2.5 U	2.5 U
4,4'-DDT	µg/kg	NE	2.5 U	2.5 U
ALDRIN	µg/kg	NE	1.3 U	1.3 U
ALPHA-BHC	µg/kg	NE	1.3 U	1.3 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA
BETA-BHC	µg/kg	NE	1.3 U	1.3 U
CHLORDANE	µg/kg	NE	63 U	63 U
DELTA-BHC	µg/kg	NE	1.3 U	1.3 U
DIELDRIN	µg/kg	NE	2.5 U	2.5 U
ENDOSULFAN I	µg/kg	NE	1.3 U	1.3 U
ENDOSULFAN II	µg/kg	NE	2.5 U	2.5 U
ENDOSULFAN SULFATE	µg/kg	NE	6.3 U	6.3 U
ENDRIN	µg/kg	NE	2.5 U	2.5 U
ENDRIN ALDEHYDE	µg/kg	NE	2.5 U	2.5 U
ENDRIN KETONE	µg/kg	NE	2.5 U	2.5 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.3 U	1.3 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA
HEPTACHLOR	µg/kg	NE	1.3 U	1.3 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.3 U	1.3 U
METHOXYCHLOR	µg/kg	NE	13 U	3 J
TOXAPHENE	µg/kg	NE	130 U	130 UJ

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number			0002-1405	0002-1549
Sample Location			D5 Floor	G6 Floor
Sample Date			6/6/2000	8/3/2000
Analyte	**Units**	**Cleanup Goals**		
Polychlorinated Biphenyls				
AROCLOR 1016	µg/kg	NE	63 U	63 U
AROCLOR 1221	µg/kg	NE	130 U	130 U
AROCLOR 1232	µg/kg	NE	63 U	63 U
AROCLOR 1242	µg/kg	NE	63 U	63 U
AROCLOR 1248	µg/kg	NE	63 U	63 U
AROCLOR 1254	µg/kg	NE	32 U	32 U
AROCLOR 1260	µg/kg	NE	32 U	32 U
Volatile Organic Compounds				
1,1,1-TRICHLOROETHANE	µg/kg	NE	6 U	9.8 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	6 U	9.8 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	6 U	9.8 U
1,1-DICHLOROETHANE	µg/kg	NE	6 U	9.8 U
1,1-DICHLOROETHENE	µg/kg	NE	6 U	9.8 U
1,2-DICHLOROETHANE	µg/kg	NE	6 U	9.8 U
1,2-DICHLOROPROPANE	µg/kg	NE	6 U	9.8 U
2-BUTANONE	µg/kg	NE	120 U	200 U
2-HEXANONE	µg/kg	NE	60 U	98 U
4-METHYL-2-PENTANONE	µg/kg	NE	60 U	98 U
ACETONE	µg/kg	NE	120 U	200 U
BENZENE	µg/kg	NE	6 U	9.8 U
BROMODICHLOROMETHANE	µg/kg	NE	6 U	9.8 U
BROMOFORM	µg/kg	NE	6 U	9.8 U
BROMOMETHANE	µg/kg	NE	6 U	9.8 U
CARBON DISULFIDE	µg/kg	NE	6 U	9.8 U
CARBON TETRACHLORIDE	µg/kg	NE	6 U	9.8 U
CHLOROBENZENE	µg/kg	NE	6 U	9.8 U
CHLOROETHANE	µg/kg	NE	6 U	9.8 U
CHLOROFORM	µg/kg	NE	6 U	9.8 U
CHLOROMETHANE	µg/kg	NE	6 U	9.8 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	6 U	9.8 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	6 U	9.8 U
DIBROMOCHLOROMETHANE	µg/kg	NE	6 U	9.8 U
ETHYLBENZENE	µg/kg	NE	6 U	9.8 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	12 U	20 U
METHYLENE CHLORIDE	µg/kg	NE	1 J	9.8 U
STYRENE	µg/kg	NE	6 U	9.8 U
TETRACHLOROETHENE	µg/kg	NE	6 U	9.8 U
TOLUENE	µg/kg	NE	6 U	9.8 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	6 U	9.8 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	6 U	9.8 U
TRICHLOROETHENE	µg/kg	NE	6 U	9.8 U
VINYL ACETATE	µg/kg	NE	60 U	98 U
VINYL CHLORIDE	µg/kg	NE	6 U	9.8 U
XYLENES (TOTAL)	µg/kg	NE	18 U	30 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number			0002-1405	0002-1549
Sample Location			D5 Floor	G6 Floor
Sample Date			6/6/2000	8/3/2000
Analyte	Units	Cleanup Goals		
Semivolatile Organic Compounds				
1 2 4-TRICHLOROBENZENE	µg/kg	NE	420 U	420 U
1 2-DICHLOROBENZENE	µg/kg	NE	420 U	420 U
1 3-DICHLOROBENZENE	µg/kg	NE	420 U	420 U
1 4-DICHLOROBENZENE	µg/kg	NE	420 U	420 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	2000 U	2000 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	420 U	420 U
2 4-DICHLOROPHENOL	µg/kg	NE	420 U	420 U
2 4-DIMETHYLPHENOL	µg/kg	NE	420 U	420 U
2 4-DINITROPHENOL	µg/kg	NE	2000 UJ	2000 U
2 4-DINITROTOLUENE	µg/kg	NE	420 U	420 U
2 6-DINITROTOLUENE	µg/kg	NE	420 U	420 U
2-CHLORONAPHTHALENE	µg/kg	NE	420 U	420 U
2-CHLOROPHENOL	µg/kg	NE	420 U	420 U
2-METHYLPHENOL	µg/kg	NE	420 U	420 U
2-NITROANILINE	µg/kg	NE	2000 U	2000 U
2-NITROPHENOL	µg/kg	NE	420 U	420 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	420 UJ	420 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	420 U	420 U
3-NITROANILINE	µg/kg	NE	2000 U	2000 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	2000 U	2000 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	420 U	420 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	420 U	420 U
4-CHLOROANILINE	µg/kg	NE	420 U	420 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	420 U	420 U
4-NITROANILINE	µg/kg	NE	2000 UJ	2000 U
4-NITROPHENOL	µg/kg	NE	2000 U	2000 U
ACENAPHTHENE	µg/kg	NE	32 U	32 U
ACENAPHTHYLENE	µg/kg	NE	32 U	7 J
ANTHRACENE	µg/kg	6100	32 U	16 J
BENZ[A]ANTHRACENE	µg/kg	560	32 U	63
BENZO[A]PYRENE	µg/kg	56	32 U	79
BENZO[B]FLUORANTHENE	µg/kg	560	32 U	160
BENZO[G H I]PERYLENE	µg/kg	NE	32 U	84
BENZO[K]FLUORANTHENE	µg/kg	610	32 U	47
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	420 U	420 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	420 U	420 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	420 U	420 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	420 U	420 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	420 UJ	420 U
CHRYSENE	µg/kg	6100	32 U	91
DIBENZ[A,H]ANTHRACENE	µg/kg	56	32 U	21 J
DIBENZOFURAN	µg/kg	NE	420 U	420 U
DIETHYL PHTHALATE	µg/kg	NE	420 U	420 U
DIMETHYL PHTHALATE	µg/kg	NE	420 U	420 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	420 U	420 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	420 U	420 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number			0002-1405	0002-1549
Sample Location			D5 Floor	G6 Floor
Sample Date			6/6/2000	8/3/2000
Analyte	**Units**	**Cleanup Goals**		
FLUORANTHENE	µg/kg	NE	54	55
FLUORENE	µg/kg	NE	32 U	32 U
HEXACHLOROBENZENE	µg/kg	NE	420 U	420 U
HEXACHLOROBUTADIENE	µg/kg	NE	420 U	420 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	420 U	420 U
HEXACHLOROETHANE	µg/kg	NE	420 U	420 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	32 U	69
NAPHTHALENE	µg/kg	NE	32 U	5 J
NITROBENZENE	µg/kg	NE	420 U	420 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	420 U	420 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	420 U	420 U
PENTACHLOROPHENOL	µg/kg	NE	420 U	420 U
PHENANTHRENE	µg/kg	NE	34	18 J
PHENOL	µg/kg	NE	420 U	420 U
PYRENE	µg/kg	NE	37	70
Organotin				
DIBUTYLTIN	µg/kg	NE	6 3 U	6 3 U
MONOBUTYLTIN	µg/kg	NE	6 3 U	6 3 U
TETRABUTYLTIN	µg/kg	NE	6 3 U	6.3 U
TRIBUTYLTIN	µg/kg	NE	6.3 U	6.3 U
Dioxins and Furans				
1 2 3,4 6 7 8 9-OCDD	pg/g	NE	5 5 J	12.4
1 2 3 4 6 7 8 9-OCDF	pg/g	NE	1 6 U	0 9 U
1 2 3,4 6 7 8-HPCDD	pg/g	NE	1 2 U	1 6 J
1 2 3 4 6 7 8-HPCDF	pg/g	NE	1 3 J	0 5 U
1 2 3 4 7 8 9-HPCDF	pg/g	NE	1 3 U	0 7 U
1,2 3 4 7 8-HXCDD	pg/g	NE	0 9 U	0 6 U
1 2 3 4 7 8-HXCDF	pg/g	NE	0 9 U	0 4 U
1 2 3 6 7 8-HXCDD	pg/g	NE	1 UJ	0.6 U
1 2 3 6 7 8-HXCDF	pg/g	NE	0 8 UJ	0 4 U
1 2 3 7 8 9-HXCDD	pg/g	NE	0 9 UJ	0.6 U
1 2,3 7 8,9-HXCDF	pg/g	NE	1 U	0 5 U
1 2 3 7 8-PECDD	pg/g	NE	0 9 U	0 4 U
1 2 3 7 8-PECDF	pg/g	NE	0 5 U	0 3 U
2 3 4 6,7 8-HXCDF	pg/g	NE	1 5 J	0 4 U
2 3 4 7 8-PECDF	pg/g	NE	0 7 U	0 3 U
2 3 7 8-TCDD	pg/g	NE	0 6 UJ	0 4 U
2 3 7 8-TCDF	pg/g	NE	0 6 UJ	0 3 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	1.69E-07	2.84E-08
Radiochemistry				
GROSS ALPHA	pCi/g	NE	0 76	-0 55
GROSS BETA	pCi/g	NE	5 6	17
ACTINIUM-227	pCi/g	NE	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number			0002-1405	0002-1549
Sample Location			D5 Floor	G6 Floor
Sample Date			6/6/2000	8/3/2000
Analyte	Units	Cleanup Goals		
BARIUM-133	pCi/g	NE	NA	NA
BARIUM-140	pCi/g	NE	NA	NA
BERYLLIUM-7	pCi/g	NE	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA
BISMUTH-214	pCi/g	NE	NA	0 47
CERIUM-139	pCi/g	NE	NA	NA
CERIUM-141	pCi/g	NE	NA	NA
CERIUM-144	pCi/g	NE	NA	NA
CESIUM-134	pCi/g	NE	NA	NA
CESIUM-136	pCi/g	NE	NA	NA
CESIUM-137	pCi/g	NE	NA	NA
CHROMIUM-51	pCi/g	NE	NA	NA
COBALT-56	pCi/g	NE	NA	NA
COBALT-57	pCi/g	NE	NA	NA
COBALT-58	pCi/g	NE	NA	NA
COBALT-60	pCi/g	NE	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA
IODINE-131	pCi/g	NE	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA
IRON-59	pCi/g	NE	NA	NA
LEAD-210	pCi/g	NE	NA	NA
LEAD-212	pCi/g	NE	0 14	0.57
LEAD-214	pCi/g	NE	NA	0 47
MANGANESE-54	pCi/g	NE	NA	NA
MERCURY-203	pCi/g	NE	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA
POTASSIUM-40	pCi/g	NE	8	11
PROMETHIUM-144	pCi/g	NE	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA
RADIUM-228	pCi/g	NE	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA
SILVER-110M	pCi/g	NE	NA	NA
SODIUM-22	pCi/g	NE	NA	NA
THALLIUM-208	pCi/g	NE	0 067	0.15
THORIUM-230	pCi/g	NE	NA	NA
THORIUM-234	pCi/g	NE	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA
TIN-113	pCi/g	NE	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number			0002-1405	0002-1549
Sample Location			D5 Floor	G6 Floor
Sample Date			6/6/2000	8/3/2000
Analyte	Units	Cleanup Goals		
URANIUM-235	pCi/g	NE	NA	NA
URANIUM-238	pCi/g	NE	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA
ZINC-65	pCi/g	NE	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1892	0002-2139	0002-2140
Sample Location			J1 Floor	J4 Floor	J7 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001
Analyte	**Units**	**Cleanup Goals**			
Metals					
HEXAVALENT CHROMIUM	mg/kg	0.2	0.1 J	0.3	0.5
ANTIMONY	mg/kg	NE	5.9 U	6.1 U	6.1 U
ARSENIC	mg/kg	9.05	2.4	1.4	1.7
BARIUM	mg/kg	NE	116	35.3	36.8
BERYLLIUM	mg/kg	NE	0.23 U	0.24 U	0.24 U
CADMIUM	mg/kg	NE	0.23 U	0.24 U	0.24 U
CHROMIUM	mg/kg	NE	16.3	8.2	7
COBALT	mg/kg	NE	9.5	3.4	3.5
COPPER	mg/kg	NE	28.5	22.6	8.4
LEAD	mg/kg	130	10.9	7.6	2.8
MERCURY	mg/kg	NE	0.073 J	0.058 J	0.24 U
MOLYBDENUM	mg/kg	NE	0.23 U	0.24 U	0.24 U
NICKEL	mg/kg	NE	8.5	2.9	2.4
SELENIUM	mg/kg	NE	0.59 U	0.61 U	0.61 U
SILVER	mg/kg	NE	0.59 U	0.61 U	0.61 U
THALLIUM	mg/kg	NE	0.59 U	0.61 U	0.61 U
VANADIUM	mg/kg	NE	51.8	30.4	28.7
ZINC	mg/kg	NE	113	28.5	12.6
Total Petroleum Hydrocarbons					
DIESEL	mg/kg	NE	4300	11000	2600
MOTOR OIL	mg/kg	NE	730	3000	670
SPLP DIESEL	mg/L	NE	4.2	58 J	48 J
SPLP MOTOR OIL	mg/L	NE	1	10 J	6 J
Pesticides					
4,4'-DDD	µg/kg	NE	12 U	12 U	12 U
4,4'-DDE	µg/kg	NE	12 U	12 U	12 U
4,4'-DDT	µg/kg	NE	12 U	12 U	12 U
ALDRIN	µg/kg	NE	5.9 U	6.1 U	6.1 U
ALPHA-BHC	µg/kg	NE	5.9 U	6.1 U	6.1 U
ALPHA-CHLORDANE	µg/kg	NE	5.9 U	NA	NA
BETA-BHC	µg/kg	NE	5.9 U	6.1 U	6.1 U
CHLORDANE	µg/kg	NE	NA	300 U	310 U
DELTA-BHC	µg/kg	NE	5.9 UJ	6.1 U	6.1 U
DIELDRIN	µg/kg	NE	12 U	12 U	12 U
ENDOSULFAN I	µg/kg	NE	5.9 U	6.1 U	6.1 U
ENDOSULFAN II	µg/kg	NE	12 U	12 U	12 U
ENDOSULFAN SULFATE	µg/kg	NE	29 U	30 U	31 U
ENDRIN	µg/kg	NE	12 U	12 U	12 U
ENDRIN ALDEHYDE	µg/kg	NE	12 U	12 U	12 U
ENDRIN KETONE	µg/kg	NE	12 U	12 U	12 U
GAMMA-BHC (LINDANE)	µg/kg	NE	5.9 U	6.1 U	6.1 U
GAMMA-CHLORDANE	µg/kg	NE	5.9 U	NA	NA
HEPTACHLOR	µg/kg	NE	5.9 U	6.1 U	6.1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	5.9 U	6.1 U	6.1 U
METHOXYCHLOR	µg/kg	NE	59 U	61 UJ	61 UJ
TOXAPHENE	µg/kg	NE	590 U	610 U	610 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1892	0002-2139	0002-2140
Sample Location			J1 Floor	J4 Floor	J7 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001
Analyte	**Units**	**Cleanup Goals**			
Polychlorinated Biphenyls					
AROCLOR 1016	µg/kg	NE	59 U	61 U	61 U
AROCLOR 1221	µg/kg	NE	120 U	120 U	120 U
AROCLOR 1232	µg/kg	NE	59 U	61 U	61 U
AROCLOR 1242	µg/kg	NE	59 U	61 U	61 U
AROCLOR 1248	µg/kg	NE	59 U	61 U	61 U
AROCLOR 1254	µg/kg	NE	29 U	30 U	31 U
AROCLOR 1260	µg/kg	NE	29 U	30 U	31 U
Volatile Organic Compounds					
1 1,1-TRICHLOROETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
1 1 2 2-TETRACHLOROETHANE	µg/kg	NE	4 8 U	610 U	610 U
1,1 2-TRICHLOROETHANE	µg/kg	NE	4 8 U	610 U	610 U
1 1-DICHLOROETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
1 1-DICHLOROETHENE	µg/kg	NE	4 8 U	610 UJ	610 U
1 2-DICHLOROETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
1 2-DICHLOROPROPANE	µg/kg	NE	4 8 U	610 UJ	610 U
2-BUTANONE	µg/kg	NE	3 J	530 J	12000 U
2-HEXANONE	µg/kg	NE	48 U	6100 UJ	6100 U
4-METHYL-2-PENTANONE	µg/kg	NE	0 4 J	6100 UJ	6100 U
ACETONE	µg/kg	NE	96 U	12000 UJ	12000 U
BENZENE	µg/kg	NE	4 8 U	610 UJ	610 U
BROMODICHLOROMETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
BROMOFORM	µg/kg	NE	4 8 U	610 UJ	610 U
BROMOMETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
CARBON DISULFIDE	µg/kg	NE	0 9 J	610 UJ	610 U
CARBON TETRACHLORIDE	µg/kg	NE	4 8 U	610 UJ	610 U
CHLOROBENZENE	µg/kg	NE	4 8 U	610 UJ	610 U
CHLOROETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
CHLOROFORM	µg/kg	NE	4 8 U	610 UJ	610 U
CHLOROMETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
CIS-1 2-DICHLOROETHENE	µg/kg	NE	4 8 U	610 UJ	610 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	4 8 U	610 UJ	610 U
DIBROMOCHLOROMETHANE	µg/kg	NE	4 8 U	610 UJ	610 U
ETHYLBENZENE	µg/kg	NE	4 8 U	190 J	280 J
METHYL TERT-BUTYL ETHER	µg/kg	NE	9 6 U	1200 UJ	1200 U
METHYLENE CHLORIDE	µg/kg	NE	4 8 U	610 UJ	610 U
STYRENE	µg/kg	NE	4 8 U	610 UJ	610 U
TETRACHLOROETHENE	µg/kg	NE	4 8 U	610 UJ	610 U
TOLUENE	µg/kg	NE	4 8 U	610 UJ	50 J
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	4 8 U	610 UJ	610 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	4 8 U	610 UJ	610 U
TRICHLOROETHENE	µg/kg	NE	4 8 U	61 J	610 U
VINYL ACETATE	µg/kg	NE	48 U	6100 UJ	6100 U
VINYL CHLORIDE	µg/kg	NE	4 8 U	610 UJ	610 U
XYLENES (TOTAL)	µg/kg	NE	14 U	1800 UJ	160 J

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1892	0002-2139	0002-2140
Sample Location			J1 Floor	J4 Floor	J7 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001
Analyte	Units	Cleanup Goals			
Semivolatile Organic Compounds					
1 2 4-TRICHLOROBENZENE	µg/kg	NE	3900 U	1600 U	1600 U
1 2-DICHLOROBENZENE	µg/kg	NE	3900 U	1600 U	1600 U
1 3-DICHLOROBENZENE	µg/kg	NE	3900 U	1600 U	1600 U
1 4-DICHLOROBENZENE	µg/kg	NE	3900 U	1600 U	1600 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	19000 U	7800 U	7800 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
2 4-DICHLOROPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
2 4-DIMETHYLPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
2 4-DINITROPHENOL	µg/kg	NE	19000 U	7800 U	7800 U
2 4-DINITROTOLUENE	µg/kg	NE	3900 U	1600 U	1600 U
2 6-DINITROTOLUENE	µg/kg	NE	3900 U	1600 U	1600 U
2-CHLORONAPHTHALENE	µg/kg	NE	3900 U	1600 U	1600 U
2-CHLOROPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
2-METHYLPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
2-NITROANILINE	µg/kg	NE	19000 U	7800 U	7800 U
2-NITROPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
3 3 -DICHLOROBENZIDINE	µg/kg	NE	3900 U	2200 U	2200 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	3900 U	1600 U	1600 U
3-NITROANILINE	µg/kg	NE	19000 U	7800 U	7800 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	19000 U	7800 U	7800 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	3900 U	1600 U	1600 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
4-CHLOROANILINE	µg/kg	NE	3900 U	2200 U	2200 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	3900 U	1600 U	1600 U
4-NITROANILINE	µg/kg	NE	19000 U	7800 U	7800 U
4-NITROPHENOL	µg/kg	NE	19000 U	7800 U	7800 U
ACENAPHTHENE	µg/kg	NE	690	120 U	310 U
ACENAPHTHYLENE	µg/kg	NE	290 U	120 U	310 U
ANTHRACENE	µg/kg	6100	310	210	140 J
BENZ[A]ANTHRACENE	µg/kg	560	290 U	120 U	310 U
BENZO[A]PYRENE	µg/kg	56	290 U	120 U	310 U
BENZO[B]FLUORANTHENE	µg/kg	560	290 U	120 U	310 U
BENZO[G H I]PERYLENE	µg/kg	NE	290 U	120 U	310 U
BENZO[K]FLUORANTHENE	µg/kg	610	290 U	120 U	310 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	3900 U	1600 U	1600 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	3900 U	1600 U	1600 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	3900 U	1600 U	1600 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	3900 U	1600 U	1600 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	3900 U	1600 U	1600 U
CHRYSENE	µg/kg	6100	290 J	320	270 J
DIBENZ[A H]ANTHRACENE	µg/kg	56	290 U	120 U	310 U
DIBENZOFURAN	µg/kg	NE	3900 U	1600 U	1600 U
DIETHYL PHTHALATE	µg/kg	NE	3900 U	1600 U	1600 U
DIMETHYL PHTHALATE	µg/kg	NE	3900 U	1600 U	1600 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	3900 U	1600 U	1600 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	3900 U	1600 U	1600 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1892	0002-2139	0002-2140
Sample Location			J1 Floor	J4 Floor	J7 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001
Analyte	**Units**	**Cleanup Goals**			
FLUORANTHENE	µg/kg	NE	290 U	52 J	98 J
FLUORENE	µg/kg	NE	2100	1700	1100
HEXACHLOROBENZENE	µg/kg	NE	3900 U	1600 U	1600 U
HEXACHLOROBUTADIENE	µg/kg	NE	3900 U	1600 U	1600 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	3900 U	2700 U	2800 U
HEXACHLOROETHANE	µg/kg	NE	3900 U	1600 U	1600 U
INDENO[1 2,3-CD]PYRENE	µg/kg	560	290 U	120 U	310 U
NAPHTHALENE	µg/kg	NE	860	620	1800
NITROBENZENE	µg/kg	NE	3900 U	1600 U	1600 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	3900 U	1600 U	1600 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	3900 U	1900 U	1900 U
PENTACHLOROPHENOL	µg/kg	NE	3900 U	1600 U	1600 U
PHENANTHRENE	µg/kg	NE	1600	520	1200
PHENOL	µg/kg	NE	3900 U	1600 U	1600 U
PYRENE	µg/kg	NE	330	530	280 J
Organotin					
DIBUTYLTIN	µg/kg	NE	180 U	20	6.1 U
MONOBUTYLTIN	µg/kg	NE	180 U	6.1 U	6.1 U
TETRABUTYLTIN	µg/kg	NE	180 U	6	6.1 U
TRIBUTYLTIN	µg/kg	NE	180 U	6.1 U	6.1 U
Dioxins and Furans					
1 2 3 4 6 7 8 9-OCDD	pg/g	NE	1080	40.2 U	29.3 U
1 2 3 4 6 7 8 9-OCDF	pg/g	NE	1.3 J	31.4 U	21.9 U
1 2 3 4 6 7 8-HPCDD	pg/g	NE	784	16.6 U	15.4 U
1 2 3 4 6 7 8-HPCDF	pg/g	NE	7.1 J	9.7 U	9.9 U
1 2 3 4 7 8 9-HPCDF	pg/g	NE	0.67 J	12.1 U	12.3 U
1 2 3 4,7 8-HXCDD	pg/g	NE	59.1	6.7 U	8.5 U
1 2 3 4 7 8-HXCDF	pg/g	NE	8.2 J	4.1 U	5.9 U
1 2 3 6 7 8-HXCDD	pg/g	NE	116	6.8 U	8.5 U
1 2 3 6 7,8-HXCDF	pg/g	NE	3.1 J	3.9 U	5.6 U
1 2 3 7 8 9-HXCDD	pg/g	NE	106	6.1 U	8.3 U
1 2 3 7 8 9-HXCDF	pg/g	NE	0.2 U	4.7 U	7.3 U
1 2 3 7 8-PECDD	pg/g	NE	57.1	3.4 U	5.2 U
1 2 3 7 8-PECDF	pg/g	NE	6.2	2 U	3.4 U
2 3 4 6 7 8-HXCDF	pg/g	NE	4.4 J	4.2 U	6.2 U
2 3 4 7 8-PECDF	pg/g	NE	4.3 J	2 U	3.4 U
2 3 7 8-TCDD	pg/g	NE	14.7	1.6 U	3 U
2 3 7 8-TCDF	pg/g	NE	12.9	1.1 U	2.5 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	8.57E-05	0.00E+00	0.00E+00
Radiochemistry					
GROSS ALPHA	pCi/g	NE	2.5 J	5.7 J	5.1 J
GROSS BETA	pCi/g	NE	13 J	10.3	14.1
ACTINIUM-227	pCi/g	NE	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1892	0002-2139	0002-2140
Sample Location			J1 Floor	J4 Floor	J7 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001
Analyte	Units	Cleanup Goals			
BARIUM-133	pCi/g	NE	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA
BERYLLIUM-7	pCi/g	NE	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA
BISMUTH-214	pCi/g	NE	0 55	NA	NA
CERIUM-139	pCi/g	NE	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	0 021 U	-0 007 U
CHROMIUM-51	pCi/g	NE	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA
LEAD-212	pCi/g	NE	0 52	0 25	NA
LEAD-214	pCi/g	NE	0 46	NA	0 218
MANGANESE-54	pCi/g	NE	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA
POTASSIUM-40	pCi/g	NE	14	9 1	9 9
PROMETHIUM-144	pCi/g	NE	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA
THALLIUM-208	pCi/g	NE	0 24	NA	NA
THORIUM-230	pCi/g	NE	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1892	0002-2139	0002-2140
Sample Location			J1 Floor	J4 Floor	J7 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001
Analyte	**Units**	**Cleanup Goals**			
URANIUM-235	pCi/g	NE	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2144	0002-2146 (FD)	0002-2206	0002-2207 (FD)
Sample Location			J0 Sidewall	P5 Floor	P5 Floor	D0 Floor	D0 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001	3/12/2001	3/12/2001
Analyte	Units	Cleanup Goals					
Metals							
HEXAVALENT CHROMIUM	mg/kg	0.2	0.4	0.2	0.2 J	0.07 J	0.2 J
ANTIMONY	mg/kg	NE	5.8 U	5.8 U	5.9 U	6.4 U	5.9 U
ARSENIC	mg/kg	9.05	2.6	1.2	1.2	2.7	2.3
BARIUM	mg/kg	NE	16.7	40.9	36.1	19.1 J	14.8 J
BERYLLIUM	mg/kg	NE	0.23 U	0.23 U	0.24 U	0.26 U	0.24 U
CADMIUM	mg/kg	NE	0.23 U	0.23 U	0.24 U	0.26 U	0.24 U
CHROMIUM	mg/kg	NE	5.2	8.7	7.2	6.6	5.5
COBALT	mg/kg	NE	3.1	3.8	3.1	2.7	2.5
COPPER	mg/kg	NE	2.2	4.7	4.8	4.4	3.1
LEAD	mg/kg	130	0.86	1.2	1.2	12.5	4.1
MERCURY	mg/kg	NE	0.23 U	0.23 U	0.037 J	0.06 J	0.24 U
MOLYBDENUM	mg/kg	NE	0.23 U	0.23 U	0.24 U	0.26 U	0.24 U
NICKEL	mg/kg	NE	1.9	2.6	2.7	2.1	2
SELENIUM	mg/kg	NE	0.58 U	0.58 U	0.59 U	0.64 U	0.59 U
SILVER	mg/kg	NE	0.58 U	0.58 U	0.59 U	0.64 U	0.59 U
THALLIUM	mg/kg	NE	0.58 U	0.58 U	0.59 U	0.64 U	0.59 U
VANADIUM	mg/kg	NE	11.6	32.2	31.4	15.5	12
ZINC	mg/kg	NE	9.1	11.7	11.1	21.3 J	14.5 J
Total Petroleum Hydrocarbons							
DIESEL	mg/kg	NE	14000	8900	6900	12 J	2300
MOTOR OIL	mg/kg	NE	2200	1600	1200	7 J	690
SPLP DIESEL	mg/L	NE	150	240 J	19 J	0.4 J	0.6
SPLP MOTOR OIL	mg/L	NE	13 J	13 J	0.9 J	0.2 J	0.4 J
Pesticides							
4,4'-DDD	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
4,4'-DDE	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
4,4'-DDT	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
ALDRIN	µg/kg	NE	12 U	5.8 U	5.9 U	1.3 U	5.9 U
ALPHA-BHC	µg/kg	NE	12 U	5.8 U	5.9 U	1.3 U	5.9 U
ALPHA-CHLORDANE	µg/kg	NE	12 U	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	12 U	5.8 U	5.9 U	1.3 U	5.9 U
CHLORDANE	µg/kg	NE	NA	290 U	300 U	64 U	290 U
DELTA-BHC	µg/kg	NE	12 UJ	5.8 U	5.9 U	1.3 U	5.9 U
DIELDRIN	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
ENDOSULFAN I	µg/kg	NE	12 U	5.8 U	5.9 U	1.3 U	5.9 U
ENDOSULFAN II	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
ENDOSULFAN SULFATE	µg/kg	NE	58 U	29 U	30 U	6.4 U	29 U
ENDRIN	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
ENDRIN ALDEHYDE	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
ENDRIN KETONE	µg/kg	NE	23 U	12 U	12 U	2.6 U	12 U
GAMMA-BHC (LINDANE)	µg/kg	NE	12 U	5.8 U	5.9 U	1.3 U	5.9 U
GAMMA-CHLORDANE	µg/kg	NE	12 U	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	12 U	5.8 U	5.9 U	1.3 U	5.9 U
HEPTACHLOR EPOXIDE	µg/kg	NE	12 U	5.8 U	5.9 U	1.3 U	5.9 U
METHOXYCHLOR	µg/kg	NE	120 U	58 UJ	59 UJ	13 U	59 U
TOXAPHENE	µg/kg	NE	1200 U	580 U	590 U	130 U	590 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2144	0002-2146 (FD)	0002-2206	0002-2207 (FD)
Sample Location			J0 Sidewall	P5 Floor	P5 Floor	D0 Floor	D0 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001	3/12/2001	3/12/2001
Analyte	Units	Cleanup Goals					
Polychlorinated Biphenyls							
AROCLOR 1016	µg/kg	NE	58 U	58 U	59 U	64 U	59 U
AROCLOR 1221	µg/kg	NE	120 U	120 U	120 U	130 U	120 U
AROCLOR 1232	µg/kg	NE	58 U	58 U	59 U	64 U	59 U
AROCLOR 1242	µg/kg	NE	58 U	58 U	59 U	64 U	59 U
AROCLOR 1248	µg/kg	NE	58 U	58 U	59 U	64 U	59 U
AROCLOR 1254	µg/kg	NE	29 U	29 U	30 U	32 U	29 U
AROCLOR 1260	µg/kg	NE	29 U	29 U	30 U	32 U	7 J
Volatile Organic Compounds							
1,1,1-TRICHLOROETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
1,1-DICHLOROETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
1,1-DICHLOROETHENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
1,2-DICHLOROETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
1,2-DICHLOROPROPANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
2-BUTANONE	µg/kg	NE	150 U	980 J	690 J	210 U	660 U
2-HEXANONE	µg/kg	NE	76 U	12000 U	5900 U	100 U	330 U
4-METHYL-2-PENTANONE	µg/kg	NE	76 U	12000 U	5900 U	100 U	330 U
ACETONE	µg/kg	NE	33 J	23000 U	12000 U	210 U	660 U
BENZENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
BROMODICHLOROMETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
BROMOFORM	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
BROMOMETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CARBON DISULFIDE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CARBON TETRACHLORIDE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CHLOROBENZENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CHLOROETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CHLOROFORM	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CHLOROMETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
DIBROMOCHLOROMETHANE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
ETHYLBENZENE	µg/kg	NE	7.6 U	510 J	440 J	10 U	33 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	15 U	2300 U	1200 U	21 U	66 U
METHYLENE CHLORIDE	µg/kg	NE	7.6 U	1200 U	590 U	7 J	19 J
STYRENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
TETRACHLOROETHENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
TOLUENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
TRICHLOROETHENE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
VINYL ACETATE	µg/kg	NE	76 U	12000 U	5900 U	100 U	330 U
VINYL CHLORIDE	µg/kg	NE	7.6 U	1200 U	590 U	10 U	33 U
XYLENES (TOTAL)	µg/kg	NE	23 U	3500 U	1800 U	31 U	99 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2144	0002-2146 (FD)	0002-2206	0002-2207 (FD)
Sample Location			J0 Sidewall	P5 Floor	P5 Floor	D0 Floor	D0 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001	3/12/2001	3/12/2001
Analyte	Units	Cleanup Goals					
Semivolatile Organic Compounds							
1 2 4-TRICHLOROBENZENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
1.2-DICHLOROBENZENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
1.3-DICHLOROBENZENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
1.4-DICHLOROBENZENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	7400 U	7400 U	7600 U	8200 U	7500 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2 4-DICHLOROPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2 4-DIMETHYLPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2.4-DINITROPHENOL	µg/kg	NE	7400 U	7400 U	7600 U	8200 U	7500 U
2.4-DINITROTOLUENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2.6-DINITROTOLUENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2-CHLORONAPHTHALENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2-CHLOROPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2-METHYLPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
2-NITROANILINE	µg/kg	NE	7400 U	7400 U	7600 U	8200 U	7500 U
2-NITROPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	1500 U	2100 U	2100 U	2000 U	1800 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
3-NITROANILINE	µg/kg	NE	7400 U	7400 U	7600 U	8200 U	7500 U
4.6-DINITRO-2-METHYLPHENOL	µg/kg	NE	7400 U	7400 U	7600 U	8200 U	7500 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
4-CHLOROANILINE	µg/kg	NE	1500 U	2100 U	2100 U	3900 U	3600 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
4-NITROANILINE	µg/kg	NE	7400 U	7400 U	7600 U	8200 U	7500 U
4-NITROPHENOL	µg/kg	NE	7400 U	7400 U	7600 UJ	8200 U	7500 U
ACENAPHTHENE	µg/kg	NE	1800	580 U	590 U	15 J	480
ACENAPHTHYLENE	µg/kg	NE	290 U	580 U	590 U	13 J	420
ANTHRACENE	µg/kg	6100	560	290 J	360 J	13 J	200 J
BENZ[A]ANTHRACENE	µg/kg	560	290 U	580 U	590 U	120	140 J
BENZO[A]PYRENE	µg/kg	56	290 U	580 U	590 U	110	290 U
BENZO[B]FLUORANTHENE	µg/kg	560	290 U	580 U	590 U	190	290 U
BENZO[G,H.I]PERYLENE	µg/kg	NE	290 U	580 U	590 U	40	290 U
BENZO[K]FLUORANTHENE	µg/kg	610	290 U	580 U	590 U	20 J	290 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	1500 U	1500 U	1600 U	1700 UJ	840 J
CHRYSENE	µg/kg	6100	350	560 J	580 J	110	140 J
DIBENZ[A H]ANTHRACENE	µg/kg	56	290 U	580 U	590 U	37	290 U
DIBENZOFURAN	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
DIETHYL PHTHALATE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
DIMETHYL PHTHALATE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	1500 U	1500 U	1600 U	1700 UJ	1600 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2144	0002-2146 (FD)	0002-2206	0002-2207 (FD)
Sample Location			J0 Sidewall	P5 Floor	P5 Floor	D0 Floor	D0 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001	3/12/2001	3/12/2001
Analyte	Units	Cleanup Goals					
FLUORANTHENE	µg/kg	NE	290 U	580 U	590 U	98	140 J
FLUORENE	µg/kg	NE	5400	3000	3200	30 J	950
HEXACHLOROBENZENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
HEXACHLOROBUTADIENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	1500 U	2600 U	2700 U	2000 U	1800 U
HEXACHLOROETHANE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	290 U	580 U	590 U	39	290 U
NAPHTHALENE	µg/kg	NE	12700	10000	9800	32 U	260 J
NITROBENZENE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	1500 U	1800 U	1900 U	3100 U	2900 U
PENTACHLOROPHENOL	µg/kg	NE	1500 U	1500 U	1600 U	2300 UJ	2100 UJ
PHENANTHRENE	µg/kg	NE	5400	3300	3400	45	1200
PHENOL	µg/kg	NE	1500 U	1500 U	1600 U	1700 U	1600 U
PYRENE	µg/kg	NE	490	480 J	440 J	110	250 J
Organotin							
DIBUTYLTIN	µg/kg	NE	170 U	20 J	5.9 U	13 U	12 R
MONOBUTYLTIN	µg/kg	NE	170 U	5 8 U	5 9 U	13 U	12 R
TETRABUTYLTIN	µg/kg	NE	170 U	5 8 U	21	13 U	12 R
TRIBUTYLTIN	µg/kg	NE	170 U	5.8 U	5.9 U	13 U	12 R
Dioxins and Furans							
1 2 3 4 6 7 8 9-OCDD	pg/g	NE	2 9 U	4 7 U	8 8 J	184	613
1 2 3 4 6 7,8 9-OCDF	pg/g	NE	2.1 U	3 5 U	3 8 U	29 6 U	22 3
1,2,3,4 6 7 8-HPCDD	pg/g	NE	1 8 U	2 2 U	2 2 U	20 7 U	122
1 2 3 4 6 7 8-HPCDF	pg/g	NE	1 2 J	1 3 U	1 4 U	11 5 U	3 1 J
1 2 3 4 7 8 9-HPCDF	pg/g	NE	1 4 U	1 6 U	1 7 U	14 4 U	0 4 U
1 2 3 4 7 8-HXCDD	pg/g	NE	1 2 U	1.1 U	1 2 U	10 4 U	0 3 U
1 2 3 4 7 8-HXCDF	pg/g	NE	0 99 J	0 7 U	0 8 U	7 1 U	0.2 U
1 2 3 6 7 8-HXCDD	pg/g	NE	1 1 U	1 1 U	1 2 U	10 5 U	2 4 J
1 2 3 6 7 8-HXCDF	pg/g	NE	0.74 J	0 6 U	0 8 U	6 8 U	0 2 U
1 2 3 7 8 9-HXCDD	pg/g	NE	1 2 U	1 1 U	1.2 U	9.5 U	0 3 U
1 2 3 7 8 9-HXCDF	pg/g	NE	1 UJ	0 8 U	1 U	8 2 U	0 2 U
1 2 3 7 8-PECDD	pg/g	NE	1 UJ	0 7 U	0 7 U	5 9 U	0 2 U
1 2 3 7 8-PECDF	pg/g	NE	0 8 UJ	0 4 U	0 4 U	4 3 U	0 1 U
2 3 4 6 7 8-HXCDF	pg/g	NE	0 8 UJ	0 7 U	0 9 U	7 4 U	0 2 U
2 3 4 7 8-PECDF	pg/g	NE	0 8 UJ	0 4 U	0 4 U	4 2 U	0 1 U
2 3 7 8-TCDD	pg/g	NE	1 UJ	0 5 U	0 5 U	3 7 U	0 2 U
2 3 7 8-TCDF	pg/g	NE	0.6 UJ	0 3 U	0 3 U	2 5 U	0 1 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	1.85E-07	0.00E+00	8.80E-09	1.84E-07	2.13E-06
Radiochemistry							
GROSS ALPHA	pCi/g	NE	3 4 J	8 8 J	4 J	5 3 J	3.1 U
GROSS BETA	pCi/g	NE	10 J	12 4	13 6	12 4	13.5
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2144	0002-2146 (FD)	0002-2206	0002-2207 (FD)
Sample Location			J0 Sidewall	P5 Floor	P5 Floor	D0 Floor	D0 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001	3/12/2001	3/12/2001
Analyte	Units	Cleanup Goals					
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	NE	0 47	NA	NA	NA	NA
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	0 012 U	-0 003 U	-0 013 U	0 005 U
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0 52	0.277	0 28	NA	NA
LEAD-214	pCi/g	NE	0.41	0 28	NA	NA	NA
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	13	12.1	12 1	10.5	9 6
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0 2	NA	NA	NA	NA
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2144	0002-2146 (FD)	0002-2206	0002-2207 (FD)
Sample Location			J0 Sidewall	P5 Floor	P5 Floor	D0 Floor	D0 Floor
Sample Date			12/7/2000	2/22/2001	2/22/2001	3/12/2001	3/12/2001
Analyte	Units	Cleanup Goals					
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number			0002-2145
Sample Location			P5 Sidewall
Sample Date			2/22/2001
Analyte	**Units**	**Cleanup Goals**	
Metals			
HEXAVALENT CHROMIUM	mg/kg	0 2	0 2 J
ANTIMONY	mg/kg	NE	5 8 U
ARSENIC	mg/kg	9 05	1 7
BARIUM	mg/kg	NE	34 4
BERYLLIUM	mg/kg	NE	0 23 U
CADMIUM	mg/kg	NE	0 23 U
CHROMIUM	mg/kg	NE	9 4
COBALT	mg/kg	NE	3 8
COPPER	mg/kg	NE	32 1
LEAD	mg/kg	130	6 1
MERCURY	mg/kg	NE	0.046 J
MOLYBDENUM	mg/kg	NE	0.23 U
NICKEL	mg/kg	NE	3 4
SELENIUM	mg/kg	NE	0 58 U
SILVER	mg/kg	NE	0 58 U
THALLIUM	mg/kg	NE	0.58 U
VANADIUM	mg/kg	NE	34 7
ZINC	mg/kg	NE	25.4
Total Petroleum Hydrocarbons			
DIESEL	mg/kg	NE	370
MOTOR OIL	mg/kg	NE	88
SPLP DIESEL	mg/L	NE	90 J
SPLP MOTOR OIL	mg/L	NE	3 J
Pesticides			
4,4'-DDD	µg/kg	NE	12 U
4.4'-DDE	µg/kg	NE	12 U
4.4'-DDT	µg/kg	NE	12 U
ALDRIN	µg/kg	NE	5 8 U
ALPHA-BHC	µg/kg	NE	5 8 U
ALPHA-CHLORDANE	µg/kg	NE	NA
BETA-BHC	µg/kg	NE	5 8 U
CHLORDANE	µg/kg	NE	290 U
DELTA-BHC	µg/kg	NE	5 8 U
DIELDRIN	µg/kg	NE	12 U
ENDOSULFAN I	µg/kg	NE	5 8 U
ENDOSULFAN II	µg/kg	NE	12 U
ENDOSULFAN SULFATE	µg/kg	NE	29 U
ENDRIN	µg/kg	NE	12 U
ENDRIN ALDEHYDE	µg/kg	NE	12 U
ENDRIN KETONE	µg/kg	NE	12 U
GAMMA-BHC (LINDANE)	µg/kg	NE	5 8 U
GAMMA-CHLORDANE	µg/kg	NE	NA
HEPTACHLOR	µg/kg	NE	5 8 U
HEPTACHLOR EPOXIDE	µg/kg	NE	5 8 U
METHOXYCHLOR	µg/kg	NE	58 UJ
TOXAPHENE	µg/kg	NE	580 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number			0002-2145
Sample Location			P5 Sidewall
Sample Date			2/22/2001
Analyte	**Units**	**Cleanup Goals**	
Polychlorinated Biphenyls			
AROCLOR 1016	µg/kg	NE	58 U
AROCLOR 1221	µg/kg	NE	120 U
AROCLOR 1232	µg/kg	NE	58 U
AROCLOR 1242	µg/kg	NE	58 U
AROCLOR 1248	µg/kg	NE	58 U
AROCLOR 1254	µg/kg	NE	29 U
AROCLOR 1260	µg/kg	NE	29 U
Volatile Organic Compounds			
1 1 1-TRICHLOROETHANE	µg/kg	NE	580 U
1 1,2,2-TETRACHLOROETHANE	µg/kg	NE	580 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	580 U
1 1-DICHLOROETHANE	µg/kg	NE	580 U
1,1-DICHLOROETHENE	µg/kg	NE	580 U
1,2-DICHLOROETHANE	µg/kg	NE	580 U
1,2-DICHLOROPROPANE	µg/kg	NE	580 U
2-BUTANONE	µg/kg	NE	640 J
2-HEXANONE	µg/kg	NE	5800 U
4-METHYL-2-PENTANONE	µg/kg	NE	5800 U
ACETONE	µg/kg	NE	12000 U
BENZENE	µg/kg	NE	580 U
BROMODICHLOROMETHANE	µg/kg	NE	580 U
BROMOFORM	µg/kg	NE	580 U
BROMOMETHANE	µg/kg	NE	580 U
CARBON DISULFIDE	µg/kg	NE	580 U
CARBON TETRACHLORIDE	µg/kg	NE	580 U
CHLOROBENZENE	µg/kg	NE	580 U
CHLOROETHANE	µg/kg	NE	580 U
CHLOROFORM	µg/kg	NE	580 U
CHLOROMETHANE	µg/kg	NE	580 U
CIS-1 2-DICHLOROETHENE	µg/kg	NE	580 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	580 U
DIBROMOCHLOROMETHANE	µg/kg	NE	580 U
ETHYLBENZENE	µg/kg	NE	580 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	1200 U
METHYLENE CHLORIDE	µg/kg	NE	580 U
STYRENE	µg/kg	NE	580 U
TETRACHLOROETHENE	µg/kg	NE	580 U
TOLUENE	µg/kg	NE	580 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	580 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	580 U
TRICHLOROETHENE	µg/kg	NE	580 U
VINYL ACETATE	µg/kg	NE	5800 U
VINYL CHLORIDE	µg/kg	NE	580 U
XYLENES (TOTAL)	µg/kg	NE	1700 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number			0002-2145
Sample Location			P5 Sidewall
Sample Date			2/22/2001
Analyte	**Units**	**Cleanup Goals**	
Semivolatile Organic Compounds			
1 2,4-TRICHLOROBENZENE	µg/kg	NE	380 U
1 2-DICHLOROBENZENE	µg/kg	NE	380 U
1 3-DICHLOROBENZENE	µg/kg	NE	380 U
1.4-DICHLOROBENZENE	µg/kg	NE	380 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	1800 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	380 U
2.4-DICHLOROPHENOL	µg/kg	NE	380 U
2,4-DIMETHYLPHENOL	µg/kg	NE	380 U
2.4-DINITROPHENOL	µg/kg	NE	1800 U
2.4-DINITROTOLUENE	µg/kg	NE	380 U
2.6-DINITROTOLUENE	µg/kg	NE	380 U
2-CHLORONAPHTHALENE	µg/kg	NE	380 U
2-CHLOROPHENOL	µg/kg	NE	380 U
2-METHYLPHENOL	µg/kg	NE	380 U
2-NITROANILINE	µg/kg	NE	1800 U
2-NITROPHENOL	µg/kg	NE	380 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	510 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	380 U
3-NITROANILINE	µg/kg	NE	1800 U
4.6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1800 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	380 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	380 U
4-CHLOROANILINE	µg/kg	NE	510 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	380 U
4-NITROANILINE	µg/kg	NE	1800 U
4-NITROPHENOL	µg/kg	NE	1800 U
ACENAPHTHENE	µg/kg	NE	120 U
ACENAPHTHYLENE	µg/kg	NE	120 U
ANTHRACENE	µg/kg	6100	110 J
BENZ[A]ANTHRACENE	µg/kg	560	120 U
BENZO[A]PYRENE	µg/kg	56	120 U
BENZO[B]FLUORANTHENE	µg/kg	560	120 U
BENZO[G H I]PERYLENE	µg/kg	NE	120 U
BENZO[K]FLUORANTHENE	µg/kg	610	120 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	380 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	380 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	380 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	380 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	380 U
CHRYSENE	µg/kg	6100	200
DIBENZ[A H]ANTHRACENE	µg/kg	56	120 U
DIBENZOFURAN	µg/kg	NE	380 U
DIETHYL PHTHALATE	µg/kg	NE	380 U
DIMETHYL PHTHALATE	µg/kg	NE	380 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	380 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	380 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number			0002-2145
Sample Location			P5 Sidewall
Sample Date			2/22/2001
Analyte	**Units**	**Cleanup Goals**	
FLUORANTHENE	µg/kg	NE	32 J
FLUORENE	µg/kg	NE	950
HEXACHLOROBENZENE	µg/kg	NE	380 U
HEXACHLOROBUTADIENE	µg/kg	NE	380 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	650 U
HEXACHLOROETHANE	µg/kg	NE	380 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	120 U
NAPHTHALENE	µg/kg	NE	120 U
NITROBENZENE	µg/kg	NE	380 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	380 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	450 U
PENTACHLOROPHENOL	µg/kg	NE	380 U
PHENANTHRENE	µg/kg	NE	460
PHENOL	µg/kg	NE	380 U
PYRENE	µg/kg	NE	350
Organotin			
DIBUTYLTIN	µg/kg	NE	13
MONOBUTYLTIN	µg/kg	NE	5.8 U
TETRABUTYLTIN	µg/kg	NE	5.8 U
TRIBUTYLTIN	µg/kg	NE	5.8 U
Dioxins and Furans			
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	208
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	15.1 J
1,2,3,4,6,7,8-HPCDD	pg/g	NE	28.4
1,2,3,4,6,7,8-HPCDF	pg/g	NE	6.1
1,2,3,4,7,8,9-HPCDF	pg/g	NE	0.8 U
1,2,3,4,7,8-HXCDD	pg/g	NE	0.5 U
1,2,3,4,7,8-HXCDF	pg/g	NE	0.3 U
1,2,3,6,7,8-HXCDD	pg/g	NE	0.5 U
1,2,3,6,7,8-HXCDF	pg/g	NE	0.3 U
1,2,3,7,8,9-HXCDD	pg/g	NE	0.5 U
1,2,3,7,8,9-HXCDF	pg/g	NE	0.4 U
1,2,3,7,8-PECDD	pg/g	NE	0.4 U
1,2,3,7,8-PECDF	pg/g	NE	0.2 U
2,3,4,6,7,8-HXCDF	pg/g	NE	0.3 U
2,3,4,7,8-PECDF	pg/g	NE	0.2 U
2,3,7,8-TCDD	pg/g	NE	0.3 U
2,3,7,8-TCDF	pg/g	NE	0.2 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	5.68E-07
Radiochemistry			
GROSS ALPHA	pCi/g	NE	14.2
GROSS BETA	pCi/g	NE	31.1
ACTINIUM-227	pCi/g	NE	NA
ACTINIUM-228	pCi/g	NE	NA
AMERICIUM-241	pCi/g	NE	NA
ANTIMONY-124	pCi/g	NE	NA
ANTIMONY-125	pCi/g	NE	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number			0002-2145
Sample Location			P5 Sidewall
Sample Date			2/22/2001
Analyte	**Units**	**Cleanup Goals**	
BARIUM-133	pCi/g	NE	NA
BARIUM-140	pCi/g	NE	NA
BERYLLIUM-7	pCi/g	NE	NA
BISMUTH-212	pCi/g	NE	NA
BISMUTH-214	pCi/g	NE	NA
CERIUM-139	pCi/g	NE	NA
CERIUM-141	pCi/g	NE	NA
CERIUM-144	pCi/g	NE	NA
CESIUM-134	pCi/g	NE	NA
CESIUM-136	pCi/g	NE	NA
CESIUM-137	pCi/g	NE	0 024 U
CHROMIUM-51	pCi/g	NE	NA
COBALT-56	pCi/g	NE	NA
COBALT-57	pCi/g	NE	NA
COBALT-58	pCi/g	NE	NA
COBALT-60	pCi/g	NE	NA
EUROPIUM-152	pCi/g	NE	NA
EUROPIUM-154	pCi/g	NE	NA
EUROPIUM-155	pCi/g	NE	NA
IODINE-131	pCi/g	NE	NA
IRIDIUM-192	pCi/g	NE	NA
IRON-59	pCi/g	NE	NA
LEAD-210	pCi/g	NE	NA
LEAD-212	pCi/g	NE	NA
LEAD-214	pCi/g	NE	NA
MANGANESE-54	pCi/g	NE	NA
MERCURY-203	pCi/g	NE	NA
NEODYMIUM-147	pCi/g	NE	NA
NEPTUNIUM-239	pCi/g	NE	NA
NIOBIUM-94	pCi/g	NE	NA
NIOBIUM-95	pCi/g	NE	NA
POTASSIUM-40	pCi/g	NE	13 2
PROMETHIUM-144	pCi/g	NE	NA
PROMETHIUM-146	pCi/g	NE	NA
RADIUM-226DA	pCi/g	NE	NA
RADIUM-228	pCi/g	NE	NA
RUTHENIUM-106	pCi/g	NE	NA
SILVER-110M	pCi/g	NE	NA
SODIUM-22	pCi/g	NE	NA
THALLIUM-208	pCi/g	NE	NA
THORIUM-230	pCi/g	NE	NA
THORIUM-234	pCi/g	NE	NA
THORIUM-232DA	pCi/g	NE	0.48
TIN-113	pCi/g	NE	NA

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number			0002-2145
Sample Location			P5 Sidewall
Sample Date			2/22/2001
Analyte	**Units**	**Cleanup Goals**	
URANIUM-235	pCi/g	NE	NA
URANIUM-238	pCi/g	NE	NA
YTTRIUM-88	pCi/g	NE	NA
ZINC-65	pCi/g	NE	NA
ZIRCONIUM-95	pCi/g	NE	0.48

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-102	0039-103	0039-110	0039-112	0039-113	0039-114
Sample Location			C5 North Sidewall-4	C5 West Sidewall-4	C5N South Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	**Units**	**Cleanup Goals**						
Metals								
HEXAVALENT CHROMIUM	mg/kg	0.2	0.6	0.9 J	0.4	0.3	0.4	0.3
ANTIMONY	mg/kg	NE	0.86 J	0.96 J	5.4 U	5.8 U	5.9 U	5.5 U
ARSENIC	mg/kg	9.05	4	5.3	1.6	0.85	0.68	2.2
BARIUM	mg/kg	NE	153	109	88.4 J	31.1 J	31.3 J	77.9 J
BERYLLIUM	mg/kg	NE	0.24 U	0.22 U	0.22 U	0.23 U	0.24 U	0.22 U
CADMIUM	mg/kg	NE	0.28	0.047 J	0.086 J	0.062 J	0.078 J	0.12 J
CHROMIUM	mg/kg	NE	35.4	31.5	12.2	11.5	7	12.4
COBALT	mg/kg	NE	11.9	12.4	7.5	3.2	3.1	7.4
COPPER	mg/kg	NE	133	22.6	8.2	3.5	4	8.9
LEAD	mg/kg	130	544	8.9	1.7	1.2	1.1	2.2
MERCURY	mg/kg	NE	0.55	0.11 J	0.021 J	0.014 J	0.013 J	0.029 J
MOLYBDENUM	mg/kg	NE	0.12 J	0.22 U	0.22 U	0.23 U	0.24 U	0.22 U
NICKEL	mg/kg	NE	12.1	12.3	4.5	1.9	1.9	4.9
SELENIUM	mg/kg	NE	0.42 J	0.17 J	0.54 U	0.58 U	0.59 U	0.55 U
SILVER	mg/kg	NE	0.071 J	0.56 U	0.54 U	0.58 U	0.59 U	0.55 U
THALLIUM	mg/kg	NE	0.6 U	0.56 U	0.54 U	0.58 U	0.59 U	0.55 U
VANADIUM	mg/kg	NE	64.4	81.1	40.1	45.7	25.7	36.4
ZINC	mg/kg	NE	206	60.4	22.7	8.6	8.4	24.2
Total Petroleum Hydrocarbons								
DIESEL	mg/kg	NE	48	11 U	11 U	12 U	12 U	11 U
MOTOR OIL	mg/kg	NE	210	24	11 U	12 U	12 U	11 U
SPLP DIESEL	mg/L	NE	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U
SPLP MOTOR OIL	mg/L	NE	0.6	1	0.5 U	0.5 U	0.5 U	0.5 U
Pesticides								
4,4'-DDD	µg/kg	NE	4	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
4,4'-DDE	µg/kg	NE	3	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
4,4'-DDT	µg/kg	NE	8	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
ALDRIN	µg/kg	NE	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
ALPHA-BHC	µg/kg	NE	1.2 UJ	1.1 UJ	1.1 U	1.2 U	1.2 U	1.1 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
CHLORDANE	µg/kg	NE	60 U	56 U	54 U	58 U	59 U	55 U
DELTA-BHC	µg/kg	NE	1.2 UJ	1.1 UJ	1.1 U	1.2 U	1.2 U	1.1 U
DIELDRIN	µg/kg	NE	2.4 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
ENDOSULFAN I	µg/kg	NE	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
ENDOSULFAN II	µg/kg	NE	2.4 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
ENDOSULFAN SULFATE	µg/kg	NE	6 U	5.6 U	5.4 U	5.8 U	5.9 U	5.5 U
ENDRIN	µg/kg	NE	2.4 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
ENDRIN ALDEHYDE	µg/kg	NE	3	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
ENDRIN KETONE	µg/kg	NE	2.4 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
METHOXYCHLOR	µg/kg	NE	12 UJ	11 UJ	11 U	12 U	12 U	11 U
TOXAPHENE	µg/kg	NE	120 U	110 U	110 U	120 U	120 U	110 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-102	0039-103	0039-110	0039-112	0039-113	0039-114
Sample Location			C5 North Sidewall-4	C5 West Sidewall-4	C5N South Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	Units	Cleanup Goals						
Polychlorinated Biphenyls								
AROCLOR 1016	µg/kg	NE	60 U	56 U	54 U	58 U	59 U	55 U
AROCLOR 1221	µg/kg	NE	120 U	110 U	110 U	120 U	120 U	110 U
AROCLOR 1232	µg/kg	NE	60 U	56 U	54 U	58 U	59 U	55 U
AROCLOR 1242	µg/kg	NE	60 U	56 U	54 U	58 U	59 U	55 U
AROCLOR 1248	µg/kg	NE	60 U	56 U	54 U	58 U	59 U	55 U
AROCLOR 1254	µg/kg	NE	30 U	28 U	27 U	29 U	30 U	28 U
AROCLOR 1260	µg/kg	NE	42	28 U	27 U	29 U	30 U	28 U
Volatile Organic Compounds								
1,1 1-TRICHLOROETHANE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6 1 U	6 1 U	5 4 U
1 1 2 2-TETRACHLOROETHANE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6.1 U	6 1 U	5 4 U
1 1 2-TRICHLOROETHANE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6.1 U	6.1 U	5 4 U
1 1-DICHLOROETHANE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6 1 U	6 1 U	5.4 U
1.1-DICHLOROETHENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6 1 U	6 1 U	5 4 U
1.2-DICHLOROETHANE	µg/kg	NE	6 1 U	5.9 U	6 8 U	6 1 U	6 1 U	5 4 U
1,2-DICHLOROPROPANE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6.1 U	6.1 U	5.4 U
2-BUTANONE	µg/kg	NE	120 UJ	120 UJ	140 U	120 U	120 U	110 U
2-HEXANONE	µg/kg	NE	61 U	59 U	68 U	61 U	61 U	54 U
4-METHYL-2-PENTANONE	µg/kg	NE	61 U	59 U	68 U	61 U	61 U	54 U
ACETONE	µg/kg	NE	120 U	120 U	140 UJ	120 UJ	120 UJ	14 J
BENZENE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6 1 U	6 1 U	5 4 U
BROMODICHLOROMETHANE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6.1 U	6 1 U	5 4 U
BROMOFORM	µg/kg	NE	6.1 U	5.9 U	6 8 U	6.1 U	6.1 U	5.4 U
BROMOMETHANE	µg/kg	NE	6 1 U	5 9 U	6.8 UJ	6.1 UJ	6 1 UJ	5 4 UJ
CARBON DISULFIDE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6 1 U	6 1 U	5 J
CARBON TETRACHLORIDE	µg/kg	NE	6.1 U	5.9 U	6 8 U	6.1 U	6.1 U	5 4 U
CHLOROBENZENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6.1 U	6 1 U	5 4 U
CHLOROETHANE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6.1 U	6 1 U	5.4 U
CHLOROFORM	µg/kg	NE	6.1 U	5 9 U	6 8 U	6 1 U	6 1 U	5 4 U
CHLOROMETHANE	µg/kg	NE	6.1 U	5.9 U	6 8 U	6 1 U	6.1 U	5.4 U
CIS-1 2-DICHLOROETHENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6.1 U	6 1 U	5.4 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6.1 U	6 1 U	5 4 U
DIBROMOCHLOROMETHANE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6 1 U	6 1 U	5 4 U
ETHYLBENZENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6 1 U	6.1 U	5 4 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	12 U	12 U	14 U	12 U	12 U	11 U
METHYLENE CHLORIDE	µg/kg	NE	5 U	5 9 U	6 8 U	6.1 U	6 1 U	5 4 U
STYRENE	µg/kg	NE	6 1 U	5.9 U	6 8 U	6.1 U	6 1 U	5.4 U
TETRACHLOROETHENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6 1 U	6 1 U	5 4 U
TOLUENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6.1 U	6 1 U	5 4 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	6 1 U	5 9 U	6 8 U	6.1 U	6 1 U	5.4 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	6.1 U	5 9 U	6 8 U	6.1 U	6.1 U	5.4 U
TRICHLOROETHENE	µg/kg	NE	6.1 U	5 9 U	6.8 U	6.1 U	6 1 U	5 4 U
VINYL ACETATE	µg/kg	NE	61 U	59 U	68 U	61 U	61 U	54 U
VINYL CHLORIDE	µg/kg	NE	6 1 U	5 9 U	6.8 U	6.1 U	6.1 U	5.4 U
XYLENES (TOTAL)	µg/kg	NE	18 U	18 U	21 U	18 U	18 U	16 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-102	0039-103	0039-110	0039-112	0039-113	0039-114
Sample Location			C5 North Sidewall-4	C5 West Sidewall-4	C5N South Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	Units	Cleanup Goals						
Semivolatile Organic Compounds								
1 2,4-TRICHLOROBENZENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
1 2-DICHLOROBENZENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
1 3-DICHLOROBENZENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
1 4-DICHLOROBENZENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
2,4 6-TRICHLOROPHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2,4-DICHLOROPHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2 4-DIMETHYLPHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2,4-DINITROPHENOL	µg/kg	NE	3000 U	2800 U	2700 U	2900 U	3000 U	2800 U
2,4-DINITROTOLUENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2 6-DINITROTOLUENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2-CHLORONAPHTHALENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2-CHLOROPHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2-METHYLPHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
2-NITROANILINE	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
2-NITROPHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
3 3 -DICHLOROBENZIDINE	µg/kg	NE	800 U	740 U	710 U	770 U	780 U	730 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
3-NITROANILINE	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
4-CHLOROANILINE	µg/kg	NE	920 U	850 U	820 U	890 U	900 U	840 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
4-NITROANILINE	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
4-NITROPHENOL	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
ACENAPHTHENE	µg/kg	NE	60 U	28 U	27 U	29 U	30 U	28 U
ACENAPHTHYLENE	µg/kg	NE	20 J	28 U	27 U	29 U	30 U	28 U
ANTHRACENE	µg/kg	6100	85	28 U	27 U	29 U	30 U	28 U
BENZ[A]ANTHRACENE	µg/kg	560	410	8 J	27 U	29 U	30 U	28 U
BENZO[A]PYRENE	µg/kg	56	410	28 U	27 U	29 U	30 U	28 U
BENZO[B]FLUORANTHENE	µg/kg	560	690	28 U	27 U	29 U	30 U	28 U
BENZO[G H I]PERYLENE	µg/kg	NE	330	28 U	27 U	29 U	30 U	28 U
BENZO[K]FLUORANTHENE	µg/kg	610	210	28 U	27 U	29 U	30 U	28 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	420	370 U	360 U	390 U	390 U	370 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
CHRYSENE	µg/kg	6100	600	28 U	27 U	29 U	30 U	28 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	91	28 U	27 U	29 U	30 U	28 U
DIBENZOFURAN	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
DIETHYL PHTHALATE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
DIMETHYL PHTHALATE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
FLUORANTHENE	µg/kg	NE	800	28 U	27 U	29 U	30 U	28 U
FLUORENE	µg/kg	NE	60 U	28 U	27 U	29 U	30 U	28 U
HEXACHLOROBENZENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
HEXACHLOROBUTADIENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-102	0039-103	0039-110	0039-112	0039-113	0039-114
Sample Location			C5 North Sidewall-4	C5 West Sidewall-4	C5N South Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	Units	Cleanup Goals						
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
HEXACHLOROETHANE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
INDENO[1 2.3-CD]PYRENE	µg/kg	560	250	28 U	27 U	29 U	30 U	28 U
NAPHTHALENE	µg/kg	NE	60 U	28 U	27 U	29 U	30 U	28 U
NITROBENZENE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	800 U	740 U	710 U	770 U	780 U	730 U
PENTACHLOROPHENOL	µg/kg	NE	1900 U	1800 U	1700 U	1900 U	1900 U	1800 U
PHENANTHRENE	µg/kg	NE	210	28 U	27 U	29 U	30 U	28 U
PHENOL	µg/kg	NE	400 U	370 U	360 U	390 U	390 U	370 U
PYRENE	µg/kg	NE	600	28 U	27 U	29 U	30 U	28 U
Organotin								
DIBUTYLTIN	µg/kg	NE	12 U	11 U	11 U	12 U	12 U	11 U
MONOBUTYLTIN	µg/kg	NE	12 U	11 U	11 U	12 U	12 U	11 U
TETRABUTYLTIN	µg/kg	NE	12 U	11 U	11 U	12 U	12 U	11 U
TRIBUTYLTIN	µg/kg	NE	12 U	11 U	11 U	12 U	12 U	11 U
Dioxins and Furans								
1.2.3 4.6.7 8 9-OCDD	pg/g	NE	5940 J	21 3	2 3 J	0 8 U	0 6 U	0 9 U
1.2 3 4.6.7 8.9-OCDF	pg/g	NE	231	1 8 J	0 4 U	0 6 U	0 4 U	0 6 U
1.2 3 4.6.7.8-HPCDD	pg/g	NE	929	3 6 J	0.4 U	0.5 U	0 4 U	0 5 U
1 2,3,4,6.7.8-HPCDF	pg/g	NE	305	1 J	0.51 J	0 3 U	0 2 U	0.3 U
1 2 3.4 7 8 9-HPCDF	pg/g	NE	11 1	0.4 U	0 3 U	0 4 U	0 2 U	0 3 U
1,2,3.4 7 8-HXCDD	pg/g	NE	22	0 3 U	0 2 U	0 3 U	0 2 U	0 2 U
1 2 3.4 7 8-HXCDF	pg/g	NE	134	0 2 U	0 2 U	0.2 U	0 1 U	0 2 U
1,2 3,6.7.8-HXCDD	pg/g	NE	30	0 3 U	0 2 U	0.3 U	0 2 U	0 2 U
1.2 3 6.7.8-HXCDF	pg/g	NE	44 1	0 2 U	0 2 U	0 2 U	0.1 U	0 2 U
1.2 3 7.8.9-HXCDD	pg/g	NE	67.1	0 3 U	0 2 U	0 3 U	0 2 U	0 2 U
1.2.3 7.8.9-HXCDF	pg/g	NE	2 4 J	0 2 U	0.45 J	0.2 U	0 2 U	0 2 U
1.2 3 7 8-PECDD	pg/g	NE	12.6	0 3 U	0 2 U	0 3 U	0 2 U	0 2 U
1,2,3,7 8-PECDF	pg/g	NE	21 2	0 2 U	0 2 U	0 2 U	0 1 U	0 1 U
2 3.4.6 7 8-HXCDF	pg/g	NE	75 1	0 2 U	0 49 J	0 2 U	0 2 U	0 2 U
2 3.4.7,8-PECDF	pg/g	NE	48 9	0 2 U	0 2 U	0 2 U	0 1 U	0 1 U
2,3,7.8-TCDD	pg/g	NE	2 2	0 3 U	0 2 U	0 3 U	0 2 U	0 2 U
2.3 7 8-TCDF	pg/g	NE	62.7	0 2 U	0 2 U	0 2 U	0 2 U	0.2 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	9.64E-05	6.91E-08	1.01E-07	0.00E+00	0.00E+00	0.00E+00
Radiochemistry								
GROSS ALPHA	pCi/g	NE	9 58	5 65	10 9	6 52	8 05	6 04
GROSS BETA	pCi/g	NE	17.3 U	11.1 U	19 U	24 7 U	18 3 U	19 2 U
ACTINIUM-227	pCi/g	NE	0.00626 U	0 00142 U	-0 0398 U	-0 00203 U	-0 172 U	0 0995 U
ACTINIUM-228	pCi/g	NE	0.701	0 944	0 36	0.795	0 552	0 716
AMERICIUM-241	pCi/g	NE	-0 0439 U	0 0184 U	-0 0118 U	0 000671 U	-0 00698 U	0 0306 U
ANTIMONY-124	pCi/g	NE	-0 0111 U	0.00772 U	-0 0065 U	0 0067 U	0 0222 U	-0 00064 U
ANTIMONY-125	pCi/g	NE	0 0192 U	-0 0393 U	-0 0229 U	0 0184 U	0 00408 U	-2.36E-05 U
BARIUM-133	pCi/g	NE	0 000274 U	-0 0242 U	-0 00855 U	-0 00831 U	-0 00737 U	-0 0073 U
BARIUM-140	pCi/g	NE	0.303 U	0 0253 U	-0 0206 U	0 0467 U	0 0604 U	-0 129 U
BERYLLIUM-7	pCi/g	NE	-0 0736 U	-0 11 U	0 126 U	-0 0223 U	0 0104 U	0 16 U
BISMUTH-212	pCi/g	NE	0.583	0 501	0 568	0 502	0 388	0 724
BISMUTH-214	pCi/g	NE	0 669	0 525	0 36	0 511	0 339	0 408
CERIUM-139	pCi/g	NE	0 0127 U	0 0112 U	0 0057 U	0 0197 U	0 0101 U	-0 00588 U
CERIUM-141	pCi/g	NE	0 0656 U	0 023 U	0 0164 U	0 0482 U	0 0213 U	0 00977 U
CERIUM-144	pCi/g	NE	-0.0279 U	-0.0359 U	-0.0219 U	-0.0223 U	-0.00696 U	-0.0219 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-102	0039-103	0039-110	0039-112	0039-113	0039-114
Sample Location			C5 North Sidewall-4	C5 West Sidewall-4	C5N South Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	Units	Cleanup Goals						
CESIUM-134	pCi/g	NE	0.00351 U	-0.00199 U	0.0157 U	-0.0124 U	-0.0763 U	0.0195 U
CESIUM-136	pCi/g	NE	-0.0443 U	0.00754 U	-0.0169 U	-0.0241 U	0.0197 U	-0.0217 U
CESIUM-137	pCi/g	NE	-0.015 U	-0.00364 U	-0.00749 U	-0.0137 U	0.00229 U	-0.00972 U
CHROMIUM-51	pCi/g	NE	0.163 U	0.0521 U	-0.0274 U	-0.0726 U	0.147 U	-0.0266 U
COBALT-56	pCi/g	NE	0.0264 U	0.00569 U	-0.0172 U	0.0406 U	-0.0119 U	0.00882 U
COBALT-57	pCi/g	NE	0.00521 U	0.00391 U	0.00131 U	0.000224 U	0.00262 U	0.003 U
COBALT-58	pCi/g	NE	0.00563 U	0.0236 U	0.00991 U	-0.00938 U	-0.00858 U	-0.00839 U
COBALT-60	pCi/g	NE	-0.00857 U	-0.0114 U	-0.00674 U	0.00288 U	-0.00558 U	0.0115 U
EUROPIUM-152	pCi/g	NE	0.00623 U	-0.029 U	0.00904 U	-0.00771 U	-0.0104 U	0.0129 U
EUROPIUM-154	pCi/g	NE	0.0302 U	0.018 U	-0.0315 U	-0.0894 U	-0.0355 U	-0.0231 U
EUROPIUM-155	pCi/g	NE	0.0621 U	0.0475 U	0.0447 U	0 U	0.0273 U	0.00546 U
IODINE-131	pCi/g	NE	-0.0579 U	0.00208 U	0.00816 U	-0.0339 U	0.00188 U	0.0165 U
IRIDIUM-192	pCi/g	NE	-0.0154 U	-0.00906 U	-0.00527 U	0.0146 U	-0.00219 U	0.00672 U
IRON-59	pCi/g	NE	-0.0518 U	-0.0435 U	0.016 U	-0.0382 U	-0.00925 U	0.0182 U
LEAD-210	pCi/g	NE	1.58 U	0.541 U	1.51 U	0.982	0.849 U	1.42 U
LEAD-212	pCi/g	NE	1.16	0.938	0.563	0.758	0.602	0.7
LEAD-214	pCi/g	NE	0.755	0.648	0.434	0.545	0.488	0.548
MANGANESE-54	pCi/g	NE	0.0172 U	0.0211 U	0.0131 U	0.0145 U	-0.00449 U	0.0116 U
MERCURY-203	pCi/g	NE	0 U	-0.00799 U	0.0223 U	0 U	0 U	-0.0105 U
NEODYMIUM-147	pCi/g	NE	-0.427 U	0.0218 U	0.0432 U	-0.186 U	0.259 U	0.165 U
NEPTUNIUM-239	pCi/g	NE	-0.0487 U	-0.0228 U	0.038 U	0.0481 U	-0.0347 U	0.0456 U
NIOBIUM-94	pCi/g	NE	0.0108 U	-0.00242 U	0.00988 U	0.0025 U	0.00161 U	0.00698 U
NIOBIUM-95	pCi/g	NE	-0.0375 U	0.0156 U	0.0194 U	0.0357 U	0.00641 U	0.0117 U
POTASSIUM-40	pCi/g	NE	16	16.6	11.6	9.62	12.2	12.1
PROMETHIUM-144	pCi/g	NE	-0.0164 U	0.00693 U	0.000638 U	0.0089 U	-0.00017 U	0.0219 U
PROMETHIUM-146	pCi/g	NE	0.00534 U	-0.00115 U	-0.0172 U	0.00423 U	0.00375 U	-0.000863 U
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	0.701	0.944	0.36	0.795	0.552	0.716
RUTHENIUM-106	pCi/g	NE	0.0265 U	0.0954 U	-0.134 U	0.132 U	0.0177 U	-0.0512 U
SILVER-110M	pCi/g	NE	0.0027 U	-0.00165 U	0.000466 U	0.00417 U	-0.00991 U	-0.00823 U
SODIUM-22	pCi/g	NE	0.0043 U	0.00739 U	-0.0113 U	-0.032 U	-0.0127 U	-0.00698 U
THALLIUM-208	pCi/g	NE	0.285	0.259	0.171	0.242	0.156	0.222
THORIUM-230	pCi/g	NE	0.669	0.525	0.36	0.511	0.339	0.408
THORIUM-234	pCi/g	NE	1.29 U	0.84 U	0.449 U	1.46	0.44 U	1.65
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	-0.0129 U	-0.0113 U	0.00309 U	-0.0113 U	-0.00805 U	-0.013 U
URANIUM-235	pCi/g	NE	-0.00546 U	0.132 U	0.0847 U	0.186 U	0.0764 U	0.0332 U
URANIUM-238	pCi/g	NE	1.29 U	0.84 U	0.449 U	1.46	0.44 U	1.65
YTTRIUM-88	pCi/g	NE	0.000749 U	-0.00301 U	0.00277 U	-0.00496 U	-0.00068 U	0.013 U
ZINC-65	pCi/g	NE	-0.0534 U	-0.0034 U	0.0197 U	0.038 U	0.031 U	-0.0162 U
ZIRCONIUM-95	pCi/g	NE	-0.00348 U	0.0211 U	-0.0199 U	-0.0273 U	0.00996 U	-0.00618 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'
Analyte	**Units**	**Cleanup Goals**					
Metals							
HEXAVALENT CHROMIUM	mg/kg	0.2	0.7	0.4	0.5	0.4	0.5
ANTIMONY	mg/kg	NE	5.4 U	5.5 U	6 U	5.5 U	6.4 U
ARSENIC	mg/kg	9.05	3.4	1.4	3	1	4.2
BARIUM	mg/kg	NE	33.1	27.2	176	40.2	166
BERYLLIUM	mg/kg	NE	0.22 U	0.22 U	0.24 U	0.22 U	0.26 U
CADMIUM	mg/kg	NE	0.11 U	0.036 U	0.12 U	0.025 U	0.22 U
CHROMIUM	mg/kg	NE	13.3	7.3	26.5	7	30.3
COBALT	mg/kg	NE	6 J	3.1 J	13 J	2.9 J	13.7 J
COPPER	mg/kg	NE	17.8	3.1 UJ	25.2	4	23.6
LEAD	mg/kg	130	6.6	1.2 UJ	8.2	1.6	7.8
MERCURY	mg/kg	NE	0.12 J	0.04 J	0.082 J	0.031 J	0.16 J
MOLYBDENUM	mg/kg	NE	0.22 U	0.093 U	0.051 U	0.045 U	2
NICKEL	mg/kg	NE	4.6 J	2.3 U	10.9 J	2.1 U	11.4 J
SELENIUM	mg/kg	NE	0.41 J	0.29 J	0.6 UJ	0.38 J	0.36 J
SILVER	mg/kg	NE	0.54 U	0.55 U	1.7	0.55 U	0.64 U
THALLIUM	mg/kg	NE	0.54 U	0.55 U	0.6 U	0.55 U	0.64 U
VANADIUM	mg/kg	NE	27.1	15.6	66.2	22.2	69.3
ZINC	mg/kg	NE	33.2	12.8 UJ	65.1	13 UJ	60.6
Total Petroleum Hydrocarbons							
DIESEL	mg/kg	NE	11 U	11 U	12 U	11 U	14
MOTOR OIL	mg/kg	NE	37	11 U	71	15	33
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.5 U	0.6	0.5 U	0.5
Pesticides							
4,4'-DDD	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U
4,4'-DDE	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U
4,4'-DDT	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U
ALDRIN	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U
ALPHA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 UJ	1.1 UJ	1.3 UJ
BETA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U
CHLORDANE	µg/kg	NE	54 U	55 U	60 U	55 U	64 U
DELTA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U
DIELDRIN	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U
ENDOSULFAN I	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U
ENDOSULFAN II	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U
ENDOSULFAN SULFATE	µg/kg	NE	5.4 U	5.5 U	6 U	5.5 U	6.4 U
ENDRIN	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U
ENDRIN ALDEHYDE	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U
ENDRIN KETONE	µg/kg	NE	2.2 UJ	2.2 UJ	2.4 UJ	2.2 UJ	2.6 UJ
GAMMA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U
HEPTACHLOR	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U
METHOXYCHLOR	µg/kg	NE	11 UJ	11 UJ	12 UJ	11 UJ	13 UJ
TOXAPHENE	µg/kg	NE	110 U	110 U	120 U	110 U	130 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'
Analyte	**Units**	**Cleanup Goals**					
Polychlorinated Biphenyls							
AROCLOR-1016	µg/kg	NE	54 U	55 U	60 U	55 U	64 U
AROCLOR 1016	µg/kg	NE	110 U	110 U	120 U	110 U	130 U
AROCLOR 1221	µg/kg	NE	54 U	55 U	60 U	55 U	64 U
AROCLOR 1232	µg/kg	NE	54 U	55 U	60 U	55 U	64 U
AROCLOR 1242	µg/kg	NE	54 U	55 U	60 U	55 U	64 U
AROCLOR 1248	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
AROCLOR 1254	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
AROCLOR 1260							
Volatile Organic Compounds							
1 1,1-TRICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
1 1,2 2-TETRACHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
1,1 2-TRICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
1 1-DICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
1 1-DICHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
1 2-DICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
1 2-DICHLOROPROPANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
2-BUTANONE	µg/kg	NE	100 U	140 U	78 J	150 U	130 U
2-HEXANONE	µg/kg	NE	51 U	69 U	53 U	77 U	66 U
4-METHYL-2-PENTANONE	µg/kg	NE	51 U	69 U	53 U	77 U	66 U
ACETONE	µg/kg	NE	100 UJ	140 UJ	12 J	150 UJ	130 UJ
BENZENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
BROMODICHLOROMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
BROMOFORM	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
BROMOMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
CARBON DISULFIDE	µg/kg	NE	5.1 U	6.9 U	14	7.7 U	25
CARBON TETRACHLORIDE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
CHLOROBENZENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
CHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
CHLOROFORM	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
CHLOROMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
CIS-1 2-DICHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
ETHYLBENZENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	10 U	14 U	11 U	15 U	13 U
METHYLENE CHLORIDE	µg/kg	NE	5 U	5 U	5 UJ	5 UJ	5 UJ
STYRENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
TETRACHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
TOLUENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
TRICHLOROETHENE	µg/kg	NE	5.1 UJ	6.9 U	5.3 U	7.7 U	6.6 U
VINYL ACETATE	µg/kg	NE	51 U	69 U	53 U	77 U	66 U
VINYL CHLORIDE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U
XYLENES (TOTAL)	µg/kg	NE	0.8 J	21 U	0.6 J	23 U	20 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'
Analyte	Units	Cleanup Goals					
Semivolatile Organic Compounds							
1 2,4-TRICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
1 2-DICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
1 3-DICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
1 4-DICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
2 4,6-TRICHLOROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2 4-DICHLOROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2,4-DIMETHYLPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2 4-DINITROPHENOL	µg/kg	NE	2700 UJ	2700 UJ	3000 UJ	2800 UJ	3200 UJ
2,4-DINITROTOLUENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2,6-DINITROTOLUENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2-CHLORONAPHTHALENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2-CHLOROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2-METHYLPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
2-NITROANILINE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
2-NITROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
3 3 -DICHLOROBENZIDINE	µg/kg	NE	720 U	720 U	790 U	730 U	850 U
3-NITROANILINE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
4-BROMOPHENYL-PHENYL ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
4-CHLOROANILINE	µg/kg	NE	830 U	830 U	920 U	840 U	980 U
4-CHLOROPHENYL-PHENYL ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
4-METHYLPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
4-NITROANILINE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
4-NITROPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
ACENAPHTHENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
ACENAPHTHYLENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
ANTHRACENE	µg/kg	6100	27 U	27 U	30 U	28 U	32 U
BENZ[A]ANTHRACENE	µg/kg	560	27 U	27 U	30 U	28 U	32 U
BENZO[A]PYRENE	µg/kg	56	27 U	27 U	30 U	28 U	32 U
BENZO[B]FLUORANTHENE	µg/kg	560	27 U	27 U	30 U	28 U	32 U
BENZO[G H I]PERYLENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
BENZO[K]FLUORANTHENE	µg/kg	610	27 U	27 U	30 U	28 U	32 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
BIS(2-ETHYL HEXYL) PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
CHRYSENE	µg/kg	6100	27 U	27 U	30 U	28 U	32 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	27 U	27 U	30 U	28 U	32 U
DIBENZOFURAN	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
DIETHYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
DIMETHYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	360 U	360 U	96 J	360 U	350 J
DI-N-OCTYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
FLUORANTHENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
FLUORENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
HEXACHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'
Analyte	Units	Cleanup Goals					
HEXACHLOROBUTADIENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
HEXACHLOROETHANE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	27 U	27 U	30 U	28 U	32 U
NAPHTHALENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
NITROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	720 U	720 U	790 U	730 U	850 U
PENTACHLOROPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U
PHENANTHRENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
PHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U
PYRENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U
Organotin							
DIBUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U
MONOBUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U
TETRABUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U
TRIBUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U
Dioxins and Furans							
1 2 3 4 6 7 8 9-OCDD	pg/g	NE	12 5	1 2 U	12 2	1 3 U	12 4
1 2 3 4 6 7 8 9-OCDF	pg/g	NE	1 1 J	0 38 J	0 9 J	0.42 J	1 1 J
1 2 3 4 6 7 8-HPCDD	pg/g	NE	2 3 J	0 19 J	2 2 J	0 3 J	2 3 J
1 2 3 4 6 7 8-HPCDF	pg/g	NE	1 2 U	0 14 U	1 2 U	0 28 U	1 U
1 2 3 4 7 8 9-HPCDF	pg/g	NE	0.32 U	0 1 U	0 09 U	0 2 U	0 08 U
1 2 3 4 7 8-HXCDD	pg/g	NE	0 28 J	0 1 U	0 08 U	0 27 J	0 07 U
1 2 3 4 7 8-HXCDF	pg/g	NE	0 4 J	0 15 J	0 23 J	0 28 J	0 2 J
1 2 3 6 7 8-HXCDD	pg/g	NE	0 37 J	0 1 U	0 21 J	0 31 J	0 16 J
1 2 3 6 7 8-HXCDF	pg/g	NE	0 31 J	0 12 J	0 13 J	0 25 J	0 15 J
1 2 3 7 8 9-HXCDD	pg/g	NE	0 42 J	0 29 J	0 31 J	0 35 J	0 25 J
1 2 3 7 8 9-HXCDF	pg/g	NE	0 36 J	0 12 J	0 18 J	0 36 J	0 12 J
1 2 3 7 8-PECDD	pg/g	NE	0 29 J	0 08 J	0 06 U	0 25 J	0 06 U
1 2 3 7 8-PECDF	pg/g	NE	0 34 J	0 11 J	0 05 U	0 28 J	0 05 U
2 3 4 6 7 8-HXCDF	pg/g	NE	0 27 J	0 09 J	0 18 J	0 24 J	0 11 J
2 3 4 7 8-PECDF	pg/g	NE	0 22 J	0 08 J	0 06 J	0 23 J	0 05 U
2 3 7 8-TCDD	pg/g	NE	0 09 U	0 08 U	0 06 U	0 1 U	0 12 J
2 3,7,8-TCDF	pg/g	NE	0 07 UJ	0 07 U	0 1 J	0 18 J	0 05 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	5.50E-07	1.65E-07	1.99E-07	4.81E-07	2.56E-07
Radiochemistry							
GROSS ALPHA	pCi/g	NE	5 26	6 11	11 U	1 78 U	13 3 U
GROSS BETA	pCi/g	NE	17 U	15 6 U	22 9 U	11 4 U	25 9 U
ACTINIUM-227	pCi/g	NE	0 135 U	0 0561 U	-0 154 U	0 0381 U	-0 0783 U
ACTINIUM-228	pCi/g	NE	0 997	0 466	0 896	0 325	0 996
AMERICIUM-241	pCi/g	NE	0 U	-0 0258 U	-0 0063 U	0 00583 U	0 0204 U
ANTIMONY-124	pCi/g	NE	0 000691 U	0 00692 U	0 00349 U	0 000223 U	-0 00473 U
ANTIMONY-125	pCi/g	NE	0 0194 U	0 0043 U	-0 0107 U	-0 00984 U	0 0096 U
BARIUM-133	pCi/g	NE	0 00781 U	-0 00395 U	0 00152 U	-0 00516 U	-0 00742 U
BARIUM-140	pCi/g	NE	-0 00221 U	0 0656 U	0 017 U	-0 0286 U	-0 0487 U
BERYLLIUM-7	pCi/g	NE	0 00495 U	-0 0759 U	-0 0149 U	-0 0193 U	-0 0295 U
BISMUTH-212	pCi/g	NE	0 787	0 527	0 597	0 U	0 553
BISMUTH-214	pCi/g	NE	0 659	0 449	0 613	0 287	0 626
CERIUM-139	pCi/g	NE	-0.00403 U	-0.00813 U	0.0012 U	0.00114 U	0.0115 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'
Analyte	Units	Cleanup Goals					
CERIUM-141	pCi/g	NE	0.0199 U	0.00793 U	0.0114 U	0.0113 U	0.0225 U
CERIUM-144	pCi/g	NE	-0.141 U	-0.0131 U	-0.0187 U	-0.0434 U	0.0196 U
CESIUM-134	pCi/g	NE	0.0143 U	0.00116 U	0.00705 U	-0.0159 U	0.0021 U
CESIUM-136	pCi/g	NE	-0.00169 U	-0.00986 U	-0.0102 U	0.00855 U	-0.00882 U
CESIUM-137	pCi/g	NE	-0.000454 U	0.0134 U	-0.00621 U	-0.00444 U	0.000477 U
CHROMIUM-51	pCi/g	NE	-0.0412 U	-0.0277 U	-0.0384 U	0.0246 U	-0.00953 U
COBALT-56	pCi/g	NE	0.00456 U	-0.00326 U	0.00321 U	0.00148 U	0.00383 U
COBALT-57	pCi/g	NE	-0.00854 U	0.000506 U	-0.00143 U	0.00683 U	-0.00151 U
COBALT-58	pCi/g	NE	-0.00718 U	0.0103 U	-0.00278 U	-0.000977 U	-0.00321 U
COBALT-60	pCi/g	NE	-0.00446 U	0.0133 U	6.35E-05 U	0.00198 U	0.0101 U
EUROPIUM-152	pCi/g	NE	0.0086 U	-0.0127 U	-0.0198 U	-0.00557 U	-0.0241 U
EUROPIUM-154	pCi/g	NE	0.0842 U	-0.0169 U	0.0224 U	0.0187 U	-0.0263 U
EUROPIUM-155	pCi/g	NE	0.0326 U	0.0458 U	0 U	0.0123 U	0 U
IODINE-131	pCi/g	NE	0.0228 U	-0.00934 U	-0.00891 U	0.0143 U	-0.0109 U
IRIDIUM-192	pCi/g	NE	-0.00986 U	0.00535 U	-0.00765 U	-0.00106 U	-0.0021 U
IRON-59	pCi/g	NE	-0.00771 U	-0.00441 U	-0.0133 U	-0.00784 U	-0.00179 U
LEAD-210	pCi/g	NE	0.883	1.49 U	3.09 U	1.96 UI	-0.252 U
LEAD-212	pCi/g	NE	1.01	0.55	1.02	0.437	1.02
LEAD-214	pCi/g	NE	0.66	0.496	0.783	0.338	0.71
MANGANESE-54	pCi/g	NE	0.00472 U	0.00706 U	0.00865 U	0 U	0.00473 U
MERCURY-203	pCi/g	NE	0.0139 U	0.0077 U	0.00139 U	0.00911 U	0 U
NEODYMIUM-147	pCi/g	NE	0.061 U	0.016 U	-0.0581 U	0.0109 U	-0.129 U
NEPTUNIUM-239	pCi/g	NE	-0.00688 U	0.0137 U	0.0267 U	0.0107 U	-0.0424 U
NIOBIUM-94	pCi/g	NE	0.0172 U	0.0045 U	-0.00479 U	0.0017 U	-0.0069 U
NIOBIUM-95	pCi/g	NE	0.0135 U	0.00119 U	0.00432 U	0.00764 U	0.0182 U
POTASSIUM-40	pCi/g	NE	16.1	12.1	18.3	11.3	18.1
PROMETHIUM-144	pCi/g	NE	0.000551 U	0.011 U	0.00201 U	0.00679 U	0.0018 U
PROMETHIUM-146	pCi/g	NE	-0.0109 U	0.00631 U	0.0124 U	-0.00329 U	-0.00985 U
RADIUM-228	pCi/g	NE	0.997	0.466	0.896	0.325	0.996
RUTHENIUM-106	pCi/g	NE	0.00327 U	-0.0103 U	0.0446 U	0.0261 U	0.0227 U
SILVER-110M	pCi/g	NE	-0.00668 U	-0.0166 U	0.0101 U	-0.00302 U	-0.00639 U
SODIUM-22	pCi/g	NE	0.03 U	-0.00612 U	0.00817 U	0.00675 U	-0.00937 U
THALLIUM-208	pCi/g	NE	0.309	0.189	0.305	0.136	0.329
THORIUM-230	pCi/g	NE	0.659	0.449	0.613	0.287	0.626
THORIUM-234	pCi/g	NE	1.04	0 U	0.694 U	0.624 U	1.35
TIN-113	pCi/g	NE	-0.0148 U	0.00929 U	-0.0123 U	-0.0082 U	0.00986 U
URANIUM-235	pCi/g	NE	0.129 U	0.0358 U	0.0546 U	0.05 U	0.092 U
URANIUM-238	pCi/g	NE	1.04	0 U	0.694 U	0.624 U	1.35
YTTRIUM-88	pCi/g	NE	-0.00923 U	-0.00865 U	0 U	-6.18E-05 U	-0.00623 U
ZINC-65	pCi/g	NE	0.0133 U	-0.00108 U	-0.0208 U	-0.0299 U	-0.0224 U
ZIRCONIUM-95	pCi/g	NE	-0.00835 U	-0.00236 U	0.0311 U	0.022 U	0.0227 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	**Units**	**Cleanup Goals**												
Metals														
HEXAVALENT CHROMIUM	mg/kg	0.2	1	0.24 U	0.21	1	1	1	0.5	0.7	0.5	0.3	0.3	0.6
ANTIMONY	mg/kg	NE	6.2 U	5.9 U	0.39 J	5.5 U	6.3 U	0.52 J	6.4 U	5.4 U	5.9 U	6.1 U	5.4 U	5.2 U
ARSENIC	mg/kg	9.05	0.66	0.71	2.2	1.5	1.4	1.6	1.8	0.84	2	0.8	2.2	1.5
BARIUM	mg/kg	NE	38.7	37.1	8.9	50.3	21.5	121	58	50	73.3	47.1	25.9	39.4
BERYLLIUM	mg/kg	NE	0.25 U	0.24 U	0.21 U	0.22 U	0.25 U	0.26 U	0.26 U	0.22 U	0.24 U	0.24 U	0.22 U	0.21 U
CADMIUM	mg/kg	NE	0.25 U	0.24 U	0.21 U	0.019 J	0.25 U	0.26 U	0.026 J	0.27	0.088 J	0.24 U	0.025 J	0.21 U
CHROMIUM	mg/kg	NE	9.6	9	3.4	7.7	7.5	15.2	10.9	7.3	10.8	10	7.1	7.3
COBALT	mg/kg	NE	3.8	3.5	2.4	3.7	3	7.8	6.5	4.4	5.7	5.5	3.9	3.5
COPPER	mg/kg	NE	4.4	4.2	1.6	4.8	3	11.5	7	5	7.6	6	2.9	4.4
LEAD	mg/kg	130	1.6	1.5	1.1	1.7	0.89	2	2	3.4	3	1.3	1.4	2.7
MERCURY	mg/kg	NE	0.026 J	0.031 J	0.023 J	0.06 J	0.04 J	0.031 J	0.022 J	0.006 J	0.052 J	0.018 J	0.021 J	0.033 J
MOLYBDENUM	mg/kg	NE	0.25 U	0.24 U	0.076 J	0.22 U	0.25 U	0.26 U	0.26 U	0.22 U	0.24 U	0.24 U	0.019 J	0.21 U
NICKEL	mg/kg	NE	2.8	2.6	1.3	2.8	2	6.2	4	3.1	4	3.5	2.2	2.3
SELENIUM	mg/kg	NE	0.62 U	0.59 U	0.24 J	0.55 U	0.63 U	0.65 U	0.64 U	0.54 U	0.43 J	0.61 U	0.54 U	0.52 U
SILVER	mg/kg	NE	0.62 U	0.59 U	0.16 J	0.55 U	0.63 U	0.65 U	0.64 U	0.54 U	0.59 U	0.61 U	0.54 U	0.52 U
THALLIUM	mg/kg	NE	0.62 U	0.59 U	0.52 U	0.55 U	0.63 U	0.65 U	0.64 U	0.54 U	0.59 U	0.61 U	0.54 U	0.52 U
VANADIUM	mg/kg	NE	34.7	33.1	9.6	23.8	24.5	47.5	35.8	25.1	24.7	34.7	16.1	29
ZINC	mg/kg	NE	11.5 J	10.9 J	6.3 J	16	9.9	29.1	19.4	13.9	22	15.5	14	11.7
Total Petroleum Hydrocarbons														
DIESEL	mg/kg	NE	12 UJ	1 J	9 J	11 U	13 U	13 U	2 J	11 J	12 U	12 U	11 U	10 U
MOTOR OIL	mg/kg	NE	12 UJ	12 U	27	11 U	13 U	13 U	13 U	120	12 U	12 U	11 U	10 U
SPLP DIESEL	mg/L	NE	0.03 J	0.03 J	0.02 J	0.5 U	0.5 U	0.5 U	0.03 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	4	0.5 U	0.5 U	0.5 U	0.5 U
Pesticides														
4,4'-DDD	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
4,4'-DDE	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
4,4'-DDT	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ALDRIN	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
ALPHA-BHC	µg/kg	NE	1.2 UJ	1.2 UJ	1 UJ	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
CHLORDANE	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	54 U	59 U	61 U	54 U	52 U
DELTA-BHC	µg/kg	NE	1.2 UJ	1.2 UJ	1 UJ	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
DIELDRIN	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDOSULFAN I	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
ENDOSULFAN II	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDOSULFAN SULFATE	µg/kg	NE	6.2 U	5.9 U	5.2 U	5.5 U	6.3 U	6.5 U	6.4 U	5.4 U	5.9 U	6.1 U	5.4 U	5.2 U
ENDRIN	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDRIN ALDEHYDE	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDRIN KETONE	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.2 U	1.2 U	1 UJ	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
METHOXYCHLOR	µg/kg	NE	12 UJ	12 UJ	10 UJ	11 U	13 U	13 U	13 U	11 U	12 U	12 U	11 U	10 U
TOXAPHENE	µg/kg	NE	120 U	120 U	100 U	110 U	130 U	130 U	130 U	110 U	120 U	120 U	110 U	100 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	**Units**	**Cleanup Goals**												
Polychlorinated Biphenyls														
AROCLOR 1016	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1221	µg/kg	NE	120 U	120 U	100 U	110 U	130 U	130 U	130 U	110 U	120 U	120 U	110 U	100 U
AROCLOR 1232	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1242	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1248	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1254	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
AROCLOR 1260	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
Volatile Organic Compounds														
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1-DICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1-DICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,2-DICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
2-BUTANONE	µg/kg	NE	110 U	110 U	90 U	110 U	130 U	110 U	120 U	120 U	120 U	110 U	130 U	100 U
2-HEXANONE	µg/kg	NE	56 U	55 U	45 U	53 U	65 U	56 U	59 U	61 U	59 U	54 U	67 U	52 U
4-METHYL-2-PENTANONE	µg/kg	NE	56 U	55 U	45 U	53 U	65 U	56 U	59 U	61 U	59 U	54 U	67 U	52 U
ACETONE	µg/kg	NE	33 U	32 U	25 U	110 U	130 U	110 U	120 U	120 U	120 U	110 U	130 U	100 U
BENZENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
BROMODICHLOROMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
BROMOFORM	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
BROMOMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CARBON DISULFIDE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CARBON TETRACHLORIDE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROBENZENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROFORM	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
ETHYLBENZENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	11 U	11 U	9 U	11 U	13 U	11 U	12 U	12 U	12 U	11 U	13 U	10 U
METHYLENE CHLORIDE	µg/kg	NE	3 U	6 U	2 U	0.6 J	0.8 J	0.8 J	5.9 U	5 J	5 J	1 J	6.7 U	5.2 U
STYRENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TETRACHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TOLUENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TRICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
VINYL ACETATE	µg/kg	NE	56 U	55 U	45 U	53 U	65 U	56 U	59 U	61 U	59 U	54 U	67 U	52 U
VINYL CHLORIDE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
XYLENES (TOTAL)	µg/kg	NE	17 U	17 U	14 U	16 U	20 U	17 U	18 U	18 U	18 U	16 U	20 U	16 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CS I SE Floor	CS I SE Floor	CS I E1 Sidewall	CS I N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	Units	Cleanup Goals												
Semivolatile Organic Compounds														
1 2,4-TRICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
1 2-DICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
1.3-DICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
1.4-DICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2.4 5-TRICHLOROPHENOL	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
2.4 6-TRICHLOROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2.4-DICHLOROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2.4-DIMETHYLPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2.4-DINITROPHENOL	µg/kg	NE	3100 UJ	2900 UJ	2600 UJ	2700 U	3100 U	3300 U	2000 U	1700 U	1900 U	3000 U	2700 U	2600 U
2.4-DINITROTOLUENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2.6-DINITROTOLUENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2-CHLORONAPHTHALENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2-CHLOROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2-METHYLPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
2-NITROANILINE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
2-NITROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
3,3 -DICHLOROBENZIDINE	µg/kg	NE	820 U	780 U	680 U	720 U	830 U	860 U	840 U	710 U	780 U	800 U	710 U	680 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
3-NITROANILINE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	2000 UJ	1900 UJ	1700 UJ	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
4-CHLOROANILINE	µg/kg	NE	940 U	900 U	790 U	830 U	950 U	990 U	970 U	820 U	900 U	920 U	820 U	790 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
4-NITROANILINE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
4-NITROPHENOL	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
ACENAPHTHENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
ACENAPHTHYLENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
ANTHRACENE	µg/kg	6100	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
BENZ[A]ANTHRACENE	µg/kg	560	31 U	29 U	17 J	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
BENZO[A]PYRENE	µg/kg	56	31 U	29 U	8 J	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
BENZO[B]FLUORANTHENE	µg/kg	560	31 U	29 U	14 J	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
BENZO[G H,I]PERYLENE	µg/kg	NE	31 U	29 U	8 J	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
BENZO[K]FLUORANTHENE	µg/kg	610	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	100 J	360 U	390 U	400 U	360 U	340 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
CHRYSENE	µg/kg	6100	31 U	29 U	9 J	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
DIBENZOFURAN	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
DIETHYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
DIMETHYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	190 J
DI-N-OCTYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
FLUORANTHENE	µg/kg	NE	31 U	29 U	11 J	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
FLUORENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
HEXACHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	Units	Cleanup Goals												
HEXACHLOROBUTADIENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
HEXACHLOROETHANE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
NAPHTHALENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
NITROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	820 U	780 U	680 U	720 U	830 U	860 U	840 U	710 U	780 U	800 U	710 U	680 U
PENTACHLOROPHENOL	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1900 U	1900 U	1700 U	1700 U
PHENANTHRENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
PHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	390 U	400 U	360 U	340 U
PYRENE	µg/kg	NE	31 U	29 U	13 J	27 U	31 U	33 U	32 U	27 U	29 U	30 U	27 U	26 U
Organotin														
DIBUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	12 U	12 U	11 U	10 U
MONOBUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	12 U	12 U	11 U	10 U
TETRABUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	12 U	12 U	11 U	10 U
TRIBUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	12 U	12 U	11 U	10 U
Dioxins and Furans														
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	19.8 U	7.6 U	23.9	1.5 U	1.7 U	1 U	0.91 J	1.5 J	8.6 J	6.2 J	1.4 U	0.97 J
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	14.4 U	1.3 U	1.5 U	1.1 U	1.3 U	0.7 U	0.93 J	0.27 J	0.63 J	0.9 U	1 U	0.9 U
1,2,3,4,6,7,8-HPCDD	pg/g	NE	9.2 U	1.6 J	4.7 J	0.9 U	0.9 U	0.6 U	0.25 J	0.3 J	2 J	0.81 J	0.5 U	0.7 U
1,2,3,4,6,7,8-HPCDF	pg/g	NE	4.2 U	0.4 U	1 J	0.6 U	0.6 U	0.4 U	0.18 J	0.29 J	0.95 J	0.2 U	0.3 U	0.4 U
1,2,3,4,7,8,9-HPCDF	pg/g	NE	5.1 U	0.4 U	0.4 U	0.7 U	0.7 U	0.4 U	0.26 J	0.07 U	0.08 U	0.3 U	0.3 U	0.5 U
1,2,3,4,7,8-HXCDD	pg/g	NE	4.1 U	0.4 U	0.4 U	0.6 U	0.6 U	0.4 U	0.17 J	0.08 U	0.12 J	0.2 U	0.2 U	0.4 U
1,2,3,4,7,8-HXCDF	pg/g	NE	2.4 U	0.38 J	1 J	0.5 U	0.5 U	0.3 U	0.2 J	0.2 J	0.28 J	0.1 U	0.15 J	0.2 U
1,2,3,6,7,8-HXCDD	pg/g	NE	4.1 U	0.4 U	0.4 U	0.6 U	0.5 U	0.4 U	0.19 J	0.07 U	0.25 J	0.2 U	0.2 U	0.5 U
1,2,3,6,7,8-HXCDF	pg/g	NE	2.9 J	0.3 U	0.52 J	0.5 U	0.4 U	0.3 U	0.18 J	0.09 J	0.12 J	0.1 U	0.1 U	0.2 U
1,2,3,7,8,9-HXCDD	pg/g	NE	4 U	0.4 U	0.4 U	0.6 U	0.5 U	0.4 U	0.26 J	0.07 U	0.46 J	0.2 U	0.2 U	0.4 U
1,2,3,7,8,9-HXCDF	pg/g	NE	2.9 U	0.3 U	0.3 U	0.6 U	0.6 U	0.4 U	0.28 J	0.06 U	0.07 U	0.1 U	0.1 U	0.3 U
1,2,3,7,8-PECDD	pg/g	NE	3.9 J	0.3 U	0.2 U	1 U	0.8 U	0.6 U	0.23 J	0.09 U	0.1 U	0.2 U	0.2 U	0.5 U
1,2,3,7,8-PECDF	pg/g	NE	6.1	0.3 U	0.2 U	0.6 U	0.5 U	0.4 U	0.33 J	0.05 U	0.06 U	0.1 U	0.1 U	0.3 U
2,3,4,6,7,8-HXCDF	pg/g	NE	2.7 U	0.3 U	0.42 J	0.5 U	0.5 U	0.3 U	0.18 J	0.11 J	0.21 J	0.1 U	0.1 U	0.3 U
2,3,4,7,8-PECDF	pg/g	NE	4.6 J	0.3 U	0.37 J	0.6 U	0.5 U	0.4 U	0.25 J	0.1 J	0.08 J	0.1 U	0.1 U	0.3 U
2,3,7,8-TCDD	pg/g	NE	3.8 U	0.3 U	0.2 U	0.9 U	0.6 U	0.5 U	0.1 U	0.07 U	0.09 U	0.1 U	0.1 U	0.4 U
2,3,7,8-TCDF	pg/g	NE	3.1 U	0.3 U	0.2 U	0.7 U	0.5 U	0.4 U	0.09 U	0.06 U	0.12 J	0.07 U	0.09 U	0.3 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	4.85E-06	5.40E-08	4.60E-07	0.00E+00	0.00E+00	0.00E+00	4.11E-07	9.77E-08	2.35E-07	1.43E-08	1.50E-08	9.70E-10
Radiochemistry														
GROSS ALPHA	pCi/g	NE	7.1 J	8.39	4.19	4.63	0.833 U	4.08	1.55	5.15	8.76	2.64	3.02	NA
GROSS BETA	pCi/g	NE	15.5 UJ	18.1 U	17.2 U	19.5 U	12.9 U	14.4 U	2.84	9.06	14.4	11.5	15.7 U	NA
ACTINIUM-227	pCi/g	NE	0.0971 U	0.0792 U	-0.0246 U	-0.00211 U	0.00565 U	-0.00879 U	0.119 U	0.0186 U	-0.0342 U	0 U	0.0143 U	-0.0686 U
ACTINIUM-228	pCi/g	NE	0.548	0.462	0.436	0.249	0.372	0.351	0.435	0.392	0.581	0.55	0.237	0.386
AMERICIUM-241	pCi/g	NE	-0.0189 U	-0.0385 U	0.00767 U	0.00966 U	-0.0284 U	0.0222 U	-0.0162 U	-0.00102 U	0.00843 U	-0.0218 U	-0.0525 U	0.00613 U
ANTIMONY-124	pCi/g	NE	-0.0044 U	-0.00937 U	-0.00802 U	-0.00369 U	0.000527 U	-0.00169 U	-0.00377 U	0.00497 U	0.00495 U	-0.0146 U	-0.00836 U	-0.0108 U
ANTIMONY-125	pCi/g	NE	-0.00207 U	-0.015 U	0.00458 U	0.031 U	-0.00443 U	-0.015 U	0.00198 U	0.00479 U	-0.0199 U	-0.00518 U	-0.00172 U	-0.00636 U
BARIUM-133	pCi/g	NE	0.00592 U	0.0122 U	-0.00762 U	-0.000462 U	0.00128 U	0.00138 U	-0.000675 U	0.0132 U	-0.00576 U	-0.00718 U	0.0172 U	0.000416 U
BARIUM-140	pCi/g	NE	-0.0269 U	0.052 U	-0.0538 U	0.0536 U	-0.0256 U	0.0214 U	0.0414 U	-0.0201 U	-0.0649 U	0 U	-0.00984 U	-0.0151 U
BERYLLIUM-7	pCi/g	NE	0.0625 U	0.0797 U	0.0364 U	-0.00179 U	-0.0284 U	0.0252 U	-0.00415 U	-0.00867 U	-0.0867 U	0.0567 U	0.0521 U	-0.0389 U
BISMUTH-212	pCi/g	NE	0.312	0.43	0.389	0.241	0.284	0.26	0.533	0.252	0.456	0.286	0.127 U	0.318
BISMUTH-214	pCi/g	NE	0.407	0.434	0.223	0.28	0.208	0.221	0.332	0 U	0.399	0.331	0.209	0.305
CERIUM-139	pCi/g	NE	0.00727 U	-0.0212 U	-0.00315 U	-0.00625 U	0.0024 U	0.00979 U	0.000663 U	0.000354 U	0.00682 U	-0.00652 U	-0.000169 U	0.00109 U

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	Units	Cleanup Goals												
CERIUM-141	pCi/g	NE	0.0137 U	0.0501 U	-0.0131 U	0.0182 U	0.00785 U	0.00855 U	0.00494 U	0 U	0.0241 U	0.0171 U	-0.00275 U	-0.000904 U
CERIUM-144	pCi/g	NE	0.0073 U	-0.0694 U	0.0948 U	-0.0221 U	-0.0248 U	0.00733 U	-0.00954 U	-0.000572 U	-0.0533 U	-0.0175 U	0.0119 U	-0.0243 U
CESIUM-134	pCi/g	NE	-0.00203 U	-0.0775 U	0.00974 U	-0.00646 U	-0.00787 U	-0.00687 U	0.00316 U	-0.00868 U	-0.0114 U	-0.00111 U	-0.00731 U	-0.00822 U
CESIUM-136	pCi/g	NE	-0.0774 U	-0.0421 U	-0.0385 U	-0.00365 U	-0.0145 U	-0.0106 U	-0.0107 U	-0.0218 U	-0.0226 U	0.011 U	0.0108 U	-0.00468 U
CESIUM-137	pCi/g	NE	-0.00996 U	-0.0126 U	-0.0137 U	0.00628 U	-0.00383 U	0.000979 U	-0.0109 U	-0.0141 U	0.00087 U	0.000248 U	-0.00529 U	-0.000283 U
CHROMIUM-51	pCi/g	NE	0.114 U	-0.0031 U	0.0716 U	-0.00112 U	-0.0139 U	-0.000307 U	-0.123 U	0.0562 U	0.0959 U	-0.0657 U	-0.0755 U	-0.0267 U
COBALT-56	pCi/g	NE	-0.00487 U	0.0132 U	-0.00274 U	-0.00193 U	0.00949 U	-0.0058 U	0.007 U	-0.00937 U	-0.0102 U	0.00518 U	0.00733 U	0.00376 U
COBALT-57	pCi/g	NE	0.00881 U	0.0146 U	-0.000444 U	-0.00319 U	0.000591 U	-0.000916 U	0.00158 U	0.00304 U	-0.00115 U	-0.00591 U	-0.00716 U	-0.000377 U
COBALT-58	pCi/g	NE	0.00335 U	0.00078 U	-0.000331 U	-0.0176 U	0.0126 U	-0.00771 U	-0.00884 U	-0.00167 U	0.0101 U	-0.00746 U	-0.0105 U	-0.00623 U
COBALT-60	pCi/g	NE	0.00361 U	0.00565 U	-0.00572 U	-0.00209 U	-0.00689 U	0.00101 U	-0.015 U	-0.00868 U	-0.00189 U	0.00689 U	-0.00566 U	0.00156 U
EUROPIUM-152	pCi/g	NE	-0.00738 U	0.0697 U	0.0451 U	-0.0114 U	-0.000192 U	-0.0014 U	0.0125 U	0.00515 U	0.0431 U	-0.0317 U	0.00473 U	-0.00316 U
EUROPIUM-154	pCi/g	NE	0.0488 U	0.072 U	-0.0299 U	0.0127 U	0.0148 U	-0.0156 U	-0.0274 U	-0.0208 U	-0.0376 U	0.0135 U	0.0174 U	-0.00821 U
EUROPIUM-155	pCi/g	NE	0.0354 U	0.000137 U	0 U	0.0117 U	0.0157 U	0.0293 U	0.00484 U	0.0275 U	0 U	0.0429 U	0.0436 U	0.0322 U
IODINE-131	pCi/g	NE	-0.101 U	-0.0163 U	0.00157 U	0.0146 U	0.00553 U	-0.00442 U	0.0667 U	0.0116 U	-0.00252 U	-0.0159 U	0.0568 U	0.0158 U
IRIDIUM-192	pCi/g	NE	-0.00284 U	-0.00666 U	-0.00145 U	0.00563 U	0.000235 U	0.000683 U	-0.000397 U	-0.00306 U	0.00115 U	0.00633 U	-0.00212 U	-0.00111 U
IRON-59	pCi/g	NE	0.00619 U	-0.0429 U	-0.015 U	-0.0151 U	0.0066 U	0.00497 U	-0.0361 U	-0.00499 U	-0.0101 U	-0.017 U	0.0315 U	0.00176 U
LEAD-210	pCi/g	NE	0.658 U	-1.18 U	0.0451 U	1.03	1.51 U	0.531 U	-3.56 U	0.73	0.634	0.497 U	2.68 U	-0.747 U
LEAD-212	pCi/g	NE	0.581	0.777	0.517	0.324	0.432	0.387	0.511	0.459	0.716	0.632	0.328	0.422
LEAD-214	pCi/g	NE	0.42	0.539	0.332	0.28	0.281	0.27	0.408	0.354	0.5	0.421	0.281	0.414
MANGANESE-54	pCi/g	NE	0.00492 U	0.0166 U	-0.000322 U	0.00776 U	0.00451 U	-0.0059 U	-0.00115 U	0.00833 U	0.0101 U	-0.000485 U	0.0075 U	0.0166 U
MERCURY-203	pCi/g	NE	0.0242 U	0.041 U	0.000973 U	0.00296 U	0.00713 U	0 U	-0.0193 U	0 U	0 U	0 U	-0.000149 U	0.0121 U
NEODYMIUM-147	pCi/g	NE	0.155 U	0.301 U	0.2 U	-0.0694 U	-0.0942 U	0.0351 U	0.0087 U	0.0573 U	-0.117 U	-0.248 U	-0.0368 U	-0.0111 U
NEPTUNIUM-239	pCi/g	NE	-0.00349 U	-0.0382 U	-0.0358 U	-0.00779 U	0.0563 U	0.0189 U	0.0923 U	0.0202 U	-0.0435 U	0.00513 U	-0.0223 U	0.0371 U
NIOBIUM-94	pCi/g	NE	0.0135 U	0.00379 U	0.00193 U	-0.00579 U	0.0113 U	-0.00186 U	0.00656 U	-0.00266 U	0.00104 U	-0.00023 U	0.00539 U	0.00496 U
NIOBIUM-95	pCi/g	NE	0.0012 U	0.00544 U	0.00871 U	0.0144 U	-0.00132 U	0 U	-0.0203 U	0.0026 U	0.0238 U	0 U	0.00966 U	0 U
POTASSIUM-40	pCi/g	NE	9.99	13.1	10.3	10.8	10.4	11.8	12.1	11.1	13.5	10.1	11.8	11.2
PROMETHIUM-144	pCi/g	NE	0.0154 U	0.00852 U	-0.00954 U	-0.00726 U	-0.00177 U	0.00619 U	0.000934 U	-0.00499 U	-0.00842 U	0.00549 U	0.003 U	-0.00415 U
PROMETHIUM-146	pCi/g	NE	-0.00394 U	-0.00532 U	-0.0087 U	0.00461 U	-0.00671 U	0.00313 U	-0.00596 U	0.0109 U	-0.00546 U	0.00362 U	-0.00222 U	0.0128 U
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	0.548	0.462	0.436	0.249	0.372	0.351	0.435	0.392	0.581	0.55	0.237	0.386
RUTHENIUM-106	pCi/g	NE	-0.0621 U	0.0783 U	0.0632 U	0.0202 U	-0.0424 U	0.00291 U	-0.00627 U	0.00547 U	0 U	0.0782 U	0.018 U	-0.0765 U
SILVER-110M	pCi/g	NE	0.00797 U	0.0166 U	0.02 U	-0.00724 U	-0.00205 U	0.00368 U	0.000362 U	0.00244 U	0.0067 U	-0.00159 U	0.00974 U	0.00426 U
SODIUM-22	pCi/g	NE	0.0175 U	0.026 U	-0.0109 U	0.00465 U	0.0053 U	-0.00554 U	-0.00981 U	-0.00763 U	-0.0135 U	0.00478 U	0.00636 U	-0.00275 U
THALLIUM-208	pCi/g	NE	0.173	0.252	0.137	0.113	0.112	0.0994	0.168	0.145	0.193	0.182	0.0814	0.141
THORIUM-230	pCi/g	NE	0.407	0.434	0.223	0.28	0.208	0.221	0.332	0.331	0.399	0.331	0.209	0.305
THORIUM-234	pCi/g	NE	0.98	0.651 U	0.455 U	1.26	0.404 U	0.793	0.849 U	1.17	1.32	1.26	0.784 U	0.395 U
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	-0.00489 U	0.0229 U	-0.00555 U	0.00641 U	0.00746 U	2.44E-05 U	-0.00578 U	-0.00485 U	-0.008 U	-0.00863 U	0.00146 U	-0.0136 U
URANIUM-235	pCi/g	NE	0.0413 U	0.184 U	0.05 U	0.0705 U	0.0488 U	0.0367 U	0.0441 U	0.139	0.0827 U	0.0583 U	-0.024 U	-0.00955 U
URANIUM-238	pCi/g	NE	0.98	0.651 U	0.455 U	1.26	0.404 U	0.793	0.849 U	1.17	1.32	1.26	0.784 U	0.395 U
YTTRIUM-88	pCi/g	NE	0.0133 U	-0.00206 U	0.00164 U	-0.00394 U	0.00238 U	-0.00275 U	0.00686 U	-0.00156 U	0.00817 U	0.00196 U	0.00529 U	0.00266 U
ZINC-65	pCi/g	NE	-0.0428 U	0.00938 U	0.0286 U	0.0283 U	-0.00386 U	-0.000397 U	-0.00395 U	-0.00983 U	0.0113 U	0.0329 U	-0.00303 U	0.00516 U
ZIRCONIUM-95	pCi/g	NE	0.0232 U	-0.00215 U	0.00262 U	0.00624 U	0.00901 U	0.00878 U	0.000387 U	-0.00269 U	0.00355 U	0 U	0.000508 U	0.00881

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION SEVENTH STREET

Sample Number			0002-1391	0002-1392	0002-1393	0002-1394	0002-1396	0002-1398	0002-1433	0002-1435	0002-1436 (FD)	0002-1437	0002-1440
Sample Location			SB-A3	SB-A3	SB-A3	SB-A5	SB-A5	SB-A9	SB-A12	SB-A15	SB-A15	SB-A15	SB-A18
Sample Date			5/30/2000	5/30/2000	5/30/2000	5/30/2000	5/30/2000	5/30/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000
Sample Depth (feet)			4-4.5'	6-6.5'	8.5-9'	4-4.5'	8.5-9'	6-6.5'	6-6.5'	3-3.5'	3-3.5'	6-6.5'	6-6.5'
Analyte	Units	Cleanup Goals											
CHROMIUM	mg/kg	NE	8.4	4.3	18.2	6.9	13.8	4.3	5.2	6.6	5.9	5	8.1
LEAD	mg/kg	130	1.7	1.1 J	1.3	1.5	0.84 J	0.89 J	1.3	0.97	1.2	1.3	1.6
HEXAVALENT CHROMIUM	mg/kg	0.2	0.2	0.3	0.42	0.2	0.2	0.3	0.2	0.22 U	0.3	0.3	0.77

TABLE 12-3

ANALYTICAL SUMMARY OF CHEMICALS OF CONCERN REMAINING ON SITE AFTER REMOVAL ACTION ALL PHASES

Notes:

Shading indicates result above cleanup goal

* - data validation is pending
µg/kg - micrograms per kilogram
CST - consolidation storage, and transfer facility
DDD - dichlorodiphenyldichloroethane
DDE - dichlorodiphenyldichloroethene
DDT - dichlorodiphenyltrichloroethane
FD - field duplicate
J - estimated value
mg/kg - milligrams per kilogram
mg/L - milligrams per liter
NA - not analyzed
NE - not established
pCi/g - picocuries per gram
pg/g - picograms per gram
SPLP - Synthetic Precipitation Leaching Procedure
U - not detected

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1382	0002-1383	0002-1384	0002-1385	0002-1406	0002-1410	0002-1411	0002-1414	0002-1415	0002-1416 (FD)	0002-1453	0002-1454 (FD)	0002-1455	0002-1456	0002-1491	0002-1663	0002-2295
Sample Location			G12 Floor	F15 Floor	F17 Floor	F18 Sidewall	D7 Floor	B7 Sidewall	D16 Floor	B5 Sidewall	D16 Sidewall	D16 Sidewall	C13 Floor	C13 Floor	B11 Sidewall	B13 Sidewall	C11 Floor	J10 Floor	A2 Floor
Sample Date			5/22/2000	5/22/2000	5/22/2000	5/22/2000	6/6/2000	6/12/2000	6/12/2000	6/13/2000	6/13/2000	6/13/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000	3/27/2001
Analyte	Units	Cleanup Goals																	
Metals																			
HEXAVALENT CHROMIUM	mg/kg	0.2	0.23 U	0.25 U	0.22 U	0.21 U	0.25 U	0.4	0.3	0.2 J	0.21 U	0.21 U	0.24 U	0.2 J	0.22 U	0.21 U	0.81	0.4	0.24 U
ANTIMONY	mg/kg	NE	5.9 U	6.2 U	5.6 U	0.89 J	6.2 U	5.3 U	5.9 U	5.2 U	5.2 U	5.3 U	5.9 U	5.8 U	5.4 U	5.3 U	5.8 U	5.7 U	5.9 U
ARSENIC	mg/kg	9.05	1.6	1.7	1.6	1.7	2.4	2.3	0.86	1.8	0.49	0.88	0.98	1.9	0.85	0.78	1.5	1.7	3.4
BARIUM	mg/kg	NE	128	168	46.1	50	21.4	12.3	60.9	13.1	16.5	31.2	22.4	106	31.3	16.1	74.9	60.5	13.8
BERYLLIUM	mg/kg	NE	0.23 U	0.25 U	0.22 U	0.21 U	0.25 U	0.21 U	0.23 U	0.21 U	0.21 U	0.21 U	0.24 U	0.23 U	0.22 U	0.21 U	0.23 U	0.23 U	0.24 U
CADMIUM	mg/kg	NE	0.23 U	0.25 U	0.22 U	0.069 J	0.25 U	0.21 U	0.23 U	0.21 U	0.21 U	0.21 U	0.24 U	0.23 U	0.22 U	0.21 U	0.23 U	0.23 U	0.24 U
CHROMIUM	mg/kg	NE	18	21.9	6.3	8	5.3	4.9	10.4	6.1	3.5	7.7	6	22.6	6.4	6	11	12.4	3.3
COBALT	mg/kg	NE	11.4	14.2	11	4.1	4.4	3	4.3	2.1	1.8	3.5	2.5	16.5	3	2.2	7	5.5	2.4
COPPER	mg/kg	NE	15.1	15.9	4.4	58.6	2.2	2.2	5.7	1.3	2.4	4.4	4.1	24.1	3.2	2.4	8.7	11.4 J	2.1 J
LEAD	mg/kg	130	6.3	4	2	23	0.92	0.65	1.3	0.69	0.65	1.3	13.2	5.8	1.1	0.9	1.6	5	2.8
MERCURY	mg/kg	NE	0.23 U	0.25 U	0.22 U	0.11 J	0.25 U	0.21 U	0.23 U	0.21 U	0.21 U	0.21 U	0.24 U	0.038 J	0.22 U	0.21 U	0.23 U	0.23 U	0.24 U
MOLYBDENUM	mg/kg	NE	0.23 U	0.25 U	0.3	0.21 U	0.25 U	0.21 U	0.23 U	0.21 U	0.21 U	0.21 U	0.24 U	0.23 U	0.22 U	0.21 U	0.23 U	0.23 U	0.24 U
NICKEL	mg/kg	NE	7.2	8.8	2.6	5.7	2.2	1.9	3.6	1.3	1.2	2.5	1.6	11.5	1.8	1.3	4.9	17.3	1.4
SELENIUM	mg/kg	NE	0.59 U	0.62 U	0.56 U	0.53 U	1.5	0.53 U	0.59 U	0.52 U	0.52 U	0.53 U	0.59 U	0.58 U	0.54 U	0.53 U	0.58 U	0.57 U	0.59 U
SILVER	mg/kg	NE	0.59 U	0.62 U	0.56 U	0.53 U	0.62 U	0.53 U	0.59 U	0.52 U	0.52 U	0.53 U	0.59 U	0.58 U	0.54 U	0.53 U	0.58 U	0.23 J	0.59 U
THALLIUM	mg/kg	NE	0.59 U	0.62 U	0.56 U	0.53 U	0.62 U	0.53 U	0.59 U	0.52 U	0.52 U	0.53 U	0.59 U	0.58 U	0.54 U	0.53 U	0.58 U	0.57 U	0.59 U
VANADIUM	mg/kg	NE	57.4	67.9	21	109	13.3	10.2	33.5	7.6	14.6	27.4	21.7	63.3	24.3	22.7	39.4	54.5	10
ZINC	mg/kg	NE	48.3	49.2	10.8	53.2	13.2	7.8	13.8	8.4	6.7	13	18.6	55.9	9	6.4	24.5	21.4 J	4.7 J
Total Petroleum Hydrocarbons																			
DIESEL	mg/kg	NE	12 U	12 U	5 J	5 J	12 U	11 U	12 U	10 U	10 U	11 U	12 U	12 U	11 U	11 U	12 U	12000	2600
MOTOR OIL	mg/kg	NE	12 U	12 U	11 U	15	12 U	11 U	12 U	10 U	10 U	11 U	12 U	2 J	11 U	11 U	12 U	2100	170
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.5 U	0.05 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.02 J	0.5 U	0.5 U	0.5 U	0.5 U	240	4
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	46 J	0.5 U
Pesticides																			
4,4-DDD	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
4,4-DDE	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
4,4-DDT	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
ALDRIN	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
ALPHA-BHC	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
CHLORDANE	µg/kg	NE	59 U	62 U	56 U	53 U	62 U	53 U	59 U	52 U	52 U	53 U	59 U	58 U	54 U	53 U	58 U	290 U	59 U
DELTA-BHC	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
DIELDRIN	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
ENDOSULFAN I	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
ENDOSULFAN II	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
ENDOSULFAN SULFATE	µg/kg	NE	5.9 U	6.2 U	5.6 U	5.3 U	6.2 U	5.3 U	5.9 U	5.2 U	5.2 U	5.3 U	5.9 U	5.8 U	5.4 U	5.3 U	5.8 U	29 U	5.9 U
ENDRIN	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
ENDRIN ALDEHYDE	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
ENDRIN KETONE	µg/kg	NE	2.3 U	2.5 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.3 U	11 U	2.4 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	5.7 U	1.2 U
METHOXYCHLOR	µg/kg	NE	12 U	12 U	11 U	11 U	12 U	11 U	12 U	10 U	10 U	11 U	12 U	12 U	11 U	11 U	12 UJ	57 U	12 U
TOXAPHENE	µg/kg	NE	120 U	120 U	110 U	110 U	120 U	110 U	120 U	100 U	100 U	110 U	120 U	120 U	110 U	110 U	120 U	570 U	120 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1382	0002-1383	0002-1384	0002-1385	0002-1406	0002-1410	0002-1411	0002-1414	0002-1415	0002-1416 (FD)	0002-1453	0002-1454 (FD)	0002-1455	0002-1456	0002-1491	0002-1663	0002-2295
Sample Location			G12 Floor	F15 Floor	F17 Floor	F18 Sidewall	D7 Floor	B7 Sidewall	D16 Floor	B5 Sidewall	D16 Sidewall	D16 Sidewall	C13 Floor	C13 Floor	B11 Sidewall	B13 Sidewall	C11 Floor	J10 Floor	A2 Floor
Sample Date			5/22/2000	5/22/2000	5/22/2000	5/22/2000	6/6/2000	6/12/2000	6/12/2000	6/13/2000	6/13/2000	6/13/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000	3/27/2001
Analyte	Units	Cleanup Goals																	
Polychlorinated Biphenyls																			
AROCLOR 1016	µg/kg	NE	180 U	190 U	170 U	160 U	62 U	53 U	59 U	52 U	52 U	53 U	59 U	58 U	54 U	53 U	58 U	57 U	59 U
AROCLOR 1221	µg/kg	NE	350 U	370 U	340 U	320 U	120 U	110 U	120 U	100 U	100 U	110 U	120 U	120 U	110 U	110 U	120 U	110 U	120 U
AROCLOR 1232	µg/kg	NE	180 U	190 U	170 U	160 U	62 U	53 U	59 U	52 U	52 U	53 U	59 U	58 U	54 U	53 U	58 U	57 U	59 U
AROCLOR 1242	µg/kg	NE	180 U	190 U	170 U	160 U	62 U	53 U	59 U	52 U	52 U	53 U	59 U	58 U	54 U	53 U	58 U	57 U	59 U
AROCLOR 1248	µg/kg	NE	180 U	190 U	170 U	160 U	62 U	53 U	59 U	52 U	52 U	53 U	59 U	58 U	54 U	53 U	58 U	57 U	59 U
AROCLOR 1254	µg/kg	NE	88 U	93 U	84 U	79 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	29 U	29 U
AROCLOR 1260	µg/kg	NE	88 U	93 U	84 U	79 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	29 U	29 U
Volatile Organic Compounds																			
1,1,1-TRICHLOROETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
1,1-DICHLOROETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
1,1-DICHLOROETHENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
1,2-DICHLOROETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
1,2-DICHLOROPROPANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
2-BUTANONE	µg/kg	NE	21 J	18 J	25 J	17 J	130 U	150 U	130 U	160 U	97 U	120 U	100 U	120 U	350 U	100 U	NA	120 U	120 U
2-HEXANONE	µg/kg	NE	3 J	3 J	4 J	3 J	63 U	4 J	3 J	80 U	49 U	58 U	52 U	58 U	170 U	52 U	NA	61 U	59 U
4-METHYL-2-PENTANONE	µg/kg	NE	61 U	54 U	64 U	53 U	63 U	1 J	65 U	80 U	49 U	58 U	52 U	58 U	170 U	52 U	NA	61 U	59 U
ACETONE	µg/kg	NE	22 J	17 J	25 J	15 J	130 U	28 J	130 U	160 U	97 U	120 U	23 J	25 J	69 J	24 J	NA	120 U	120 U
BENZENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	1 J	0.5 J
BROMODICHLOROMETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
BROMOFORM	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
BROMOMETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
CARBON DISULFIDE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
CARBON TETRACHLORIDE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6 J	2 J
CHLOROBENZENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
CHLOROETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
CHLOROFORM	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
CHLOROMETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
DIBROMOCHLOROMETHANE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
ETHYLBENZENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	37 J	14 J
METHYL TERT-BUTYL ETHER	µg/kg	NE	12 U	11 U	13 U	11 U	13 U	15 U	13 U	16 U	9.7 U	12 U	10 U	12 U	35 U	10 U	NA	12 U	12 U
METHYLENE CHLORIDE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	1 J	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	3 J
STYRENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
TETRACHLOROETHENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
TOLUENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	2 J	1 J	1 J	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	7 J
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
TRICHLOROETHENE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
VINYL ACETATE	µg/kg	NE	61 U	54 U	64 U	53 U	63 U	76 U	65 U	80 U	49 U	58 U	52 U	58 U	170 U	52 U	NA	61 U	59 U
VINYL CHLORIDE	µg/kg	NE	6.1 U	5.4 U	6.4 U	5.3 U	6.3 U	7.6 U	6.5 U	8 U	4.9 U	5.8 U	5.2 U	5.8 U	17 U	5.2 U	NA	6.1 U	5.9 U
XYLENES (TOTAL)	µg/kg	NE	18 U	16 U	19 U	16 U	19 U	23 U	19 U	0.8 J	15 U	0.6 J	16 U	17 U	52 U	16 U	NA	5 J	18 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1382	0002-1383	0002-1384	0002-1385	0002-1406	0002-1410	0002-1411	0002-1414	0002-1415	0002-1416 (FD)	0002-1453	0002-1454 (FD)	0002-1455	0002-1456	0002-1491	0002-1663	0002-2295
Sample Location			G12 Floor	F15 Floor	F17 Floor	F18 Sidewall	D7 Floor	B7 Sidewall	D16 Floor	B5 Sidewall	D16 Sidewall	D16 Sidewall	C13 Floor	C13 Floor	B11 Sidewall	B13 Sidewall	C11 Floor	J10 Floor	A2 Floor
Sample Date			5/22/2000	5/22/2000	5/22/2000	5/22/2000	6/6/2000	6/12/2000	6/12/2000	6/13/2000	6/13/2000	6/13/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000	3/27/2001
Analyte	Units	Cleanup Goals																	
Semivolatile Organic Compounds																			
1,2,4-TRICHLOROBENZENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
1,2-DICHLOROBENZENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
1,3-DICHLOROBENZENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
1,4-DICHLOROBENZENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	1900 U	2000 U	1800 U	3400 U	2000 U	1700 U	1900 U	1700 U	1700 U	1700 U	1900 U	1800 U	1700 U	1700 U	1800 U	37000 U	19000 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2,4-DICHLOROPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2,4-DIMETHYLPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2,4-DINITROPHENOL	µg/kg	NE	1900 U	2000 UJ	1800 UJ	3400 UJ	2000 UJ	1700 UJ	1900 U	1700 U	1700 U	1700 U	1900 U	1800 U	1700 U	1700 U	1800 U	37000 U	19000 U
2,4-DINITROTOLUENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2,6-DINITROTOLUENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2-CHLORONAPHTHALENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2-CHLOROPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2-METHYLPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
2-NITROANILINE	µg/kg	NE	1900 U	2000 U	1800 U	3400 U	2000 U	1700 U	1900 U	1700 U	1700 U	1700 U	1900 U	1800 U	1700 U	1700 U	1800 U	37000 U	19000 U
2-NITROPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	390 U	410 U	370 U	690 U	410 UJ	350 UJ	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	4600 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
3-NITROANILINE	µg/kg	NE	1900 U	2000 U	1800 U	3400 U	2000 U	1700 U	1900 U	1700 U	1700 U	1700 U	1900 U	1800 U	1700 U	1700 U	1800 U	37000 U	19000 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1900 U	2000 U	1800 U	3400 U	2000 U	1700 U	1900 U	1700 U	1700 U	1700 U	1900 U	1800 U	1700 U	1700 U	1800 U	37000 U	19000 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
4-CHLOROANILINE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	8900 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
4-NITROANILINE	µg/kg	NE	1900 U	2000 U	1800 U	3400 U	2000 UJ	1700 UJ	1900 U	1700 U	1700 U	1700 U	1900 U	1800 U	1700 U	1700 U	1800 U	37000 U	19000 U
4-NITROPHENOL	µg/kg	NE	1900 U	2000 U	1800 U	3400 U	2000 U	1700 U	1900 U	1700 U	1700 U	1700 U	1900 U	1800 U	1700 U	1700 U	1800 U	37000 U	19000 U
ACENAPHTHENE	µg/kg	NE	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
ACENAPHTHYLENE	µg/kg	NE	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
ANTHRACENE	µg/kg	6100	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 J
BENZ[A]ANTHRACENE	µg/kg	560	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
BENZO[A]PYRENE	µg/kg	56	29 U	31 U	28 U	4 J	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
BENZO[B]FLUORANTHENE	µg/kg	560	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	29 U	31 U	28 U	4 J	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
BENZO[K]FLUORANTHENE	µg/kg	610	4 J	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	51 J	380 U	360 U	350 U	380 U	7600 U	3900 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	390 U	410 U	370 U	690 U	410 UJ	350 UJ	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
CHRYSENE	µg/kg	6100	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	32
DIBENZ[A,H]ANTHRACENE	µg/kg	56	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
DIBENZOFURAN	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
DIETHYL PHTHALATE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
DIMETHYL PHTHALATE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
FLUORANTHENE	µg/kg	NE	4 J	31 U	28 U	5 J	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	14 J

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1382	0002-1383	0002-1384	0002-1385	0002-1406	0002-1410	0002-1411	0002-1414	0002-1415	0002-1416 (FD)	0002-1453	0002-1454 (FD)	0002-1455	0002-1456	0002-1491	0002-1663	0002-2295
Sample Location			G12 Floor	F15 Floor	F17 Floor	F18 Sidewall	D7 Floor	B7 Sidewall	D16 Floor	B5 Sidewall	D16 Sidewall	D16 Sidewall	C13 Floor	C13 Floor	B11 Sidewall	B13 Sidewall	C11 Floor	J10 Floor	A2 Floor
Sample Date			5/22/2000	5/22/2000	5/22/2000	5/22/2000	6/6/2000	6/12/2000	6/12/2000	6/13/2000	6/13/2000	6/13/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000	3/27/2001
Analyte	**Units**	**Cleanup Goals**																	
FLUORENE	µg/kg	NE	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	8400 J	280 J
HEXACHLOROBENZENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
HEXACHLOROBUTADIENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	4500 U
HEXACHLOROETHANE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	570 U	29 U
NAPHTHALENE	µg/kg	NE	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	3800	29 U
NITROBENZENE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	7200 U
PENTACHLOROPHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	5200 U
PHENANTHRENE	µg/kg	NE	29 U	31 U	28 U	26 U	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	9600 J	210 J
PHENOL	µg/kg	NE	390 U	410 U	370 U	690 U	410 U	350 U	390 U	340 U	340 U	350 U	390 U	380 U	360 U	350 U	380 U	7600 U	3900 U
PYRENE	µg/kg	NE	4 J	31 U	28 U	6 J	31 U	27 U	29 U	26 U	26 U	26 U	29 U	29 U	27 U	27 U	29 U	320 J	25 J
Organotin																			
DIBUTYLTIN	µg/kg	NE	5 9 U	6 2 U	5 6 U	5 3 U	6 2 U	5 3 U	5 9 U	5 2 U	5 2 U	5 3 U	5 9 U	5 8 U	5 4 U	5 3 U	5 8 U	5 7 R	12 U
MONOBUTYLTIN	µg/kg	NE	5.9 U	6.2 U	5.6 U	5 3 U	6 2 U	5 3 U	5 9 U	5.2 U	5 2 U	5 3 U	5 9 U	5 8 U	5 4 U	5 3 U	5 8 U	5 7 R	12 U
TETRABUTYLTIN	µg/kg	NE	5 9 U	6 2 U	5 6 U	5 3 U	6 2 U	5 3 U	5 9 U	5 2 U	5 2 U	5 3 U	5 9 U	5.8 U	5 4 U	5 3 U	5 8 U	5.7 R	12 U
TRIBUTYLTIN	µg/kg	NE	5.9 U	6.2 U	5.6 U	5.3 U	6.2 U	5.3 U	5.9 U	5.2 U	5.2 U	5.3 U	5.9 U	5.8 U	5.4 U	5.3 U	5.8 U	5.7 R	12 U
Dioxins and Furans																			
1 2 3 4 6 7 8 9-OCDD	pg/g	NE	3 3 J	13.7 J	23 3 J	3.2 J	8 6 J	2 4 UJ	3 UJ	20 8 J	0 75 J	2 4 J	58 9 J	59 3 J	18.6 J	1 9 J	410	155 J	8 6 J
1 2 3 4 6,7 8 9-OCDF	pg/g	NE	0 6 UJ	1 1 J	1 6 J	0 3 UJ	0 6 U	0 5 UJ	0 6 UJ	1 2 J	0 6 UJ	0 4 UJ	2 3 J	2 6 J	1 J	0 7 UJ	7 1 J	60 6 UJ	0 44 J
1,2,3 4 6 7 8-HPCDD	pg/g	NE	0 5 UJ	2 3 J	2 3 J	0 67 J	0 75 J	0 4 UJ	0 4 UJ	2 J	0 4 UJ	0 3 UJ	7 1 J	8 6 J	1 7 J	0 5 UJ	67.4	69 3	1 1 J
1 2 3 4 6 7 8-HPCDF	pg/g	NE	0 3 UJ	2 6 J	1 5 J	0 72 J	0 4 U	0 3 U	0 3 U	0 75 J	0 3 U	0 2 U	2 3 J	1 3 J	0.46 J	0.4 U	9 3	18 6 U	0 44 J
1,2 3,4 7 8 9-HPCDF	pg/g	NE	0 4 UJ	0 5 UJ	0 4 UJ	0 2 UJ	0 4 U	0 4 UJ	0 3 UJ	0 3 UJ	0 3 UJ	0 2 UJ	0 3 UJ	0.3 UJ	0 3 UJ	0 5 UJ	0 6 U	22 9 U	0 3 U
1 2 3 4 7 8-HXCDD	pg/g	NE	0 4 UJ	0 4 UJ	0 3 UJ	0 2 UJ	0 4 U	0 3 U	0 3 U	0 3 U	0 3 U	0 2 U	0.3 U	0 3 U	0 3 U	0 4 U	0 64 J	15.1 U	0 2 U
1 2 3 4 7,8-HXCDF	pg/g	NE	0.32 J	1.4 J	0.67 J	0 24 J	0 3 U	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	1 2 J	0 2 U	0 2 U	0 3 U	3 7 J	9 3 U	0.36 J
1,2,3,6 7 8-HXCDD	pg/g	NE	0 4 UJ	0 4 UJ	0 3 UJ	0.2 UJ	0 4 U	0 3 U	0 3 U	0 3 U	0 3 U	0 2 U	0 3 U	0 3 U	0 3 U	0 4 U	2 1 J	15 1 U	0 2 U
1 2 3 6 7 8-HXCDF	pg/g	NE	0 2 UJ	0.46 J	0 2 UJ	0.1 UJ	0 3 U	0 2 U	0 2 U	0 2 U	0 2 U	0 1 U	0 42 J	0 2 U	0 2 U	0 3 U	1 3 J	8.9 U	0 1 U
1 2 3 7 8 9-HXCDD	pg/g	NE	0.4 UJ	0.4 UJ	0 3 UJ	0 2 UJ	0.3 U	0 3 UJ	0 3 UJ	0 3 UJ	0 3 UJ	0 2 UJ	0 3 UJ	0 2 UJ	0 3 UJ	0.4 UJ	2 2 J	14 6 U	0 2 U
1,2,3,7,8,9-HXCDF	pg/g	NE	0 3 UJ	0 4 UJ	0 2 UJ	0 2 UJ	0 3 U	0 3 UJ	0 3 UJ	0 2 UJ	0 2 UJ	0 2 UJ	0 3 UJ	0 2 UJ	0.2 UJ	0 4 UJ	0.5 U	11 4 U	0 2 U
1,2,3 7,8-PECDD	pg/g	NE	0 4 UJ	0 4 UJ	0 3 UJ	0.2 UJ	0 3 U	0.4 UJ	0 4 UJ	0 4 UJ	0 4 UJ	0 3 UJ	0 4 UJ	0 3 UJ	0 3 UJ	0.6 UJ	0 46 J	8 3 U	0 1 U
1 2,3,7,8-PECDF	pg/g	NE	0 2 UJ	0 2 UJ	0.1 UJ	0 1 UJ	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 1 U	0 2 U	0 1 U	0 2 U	0 3 U	1 4 J	5 5 U	0 1 J
2 3 4 6 7,8-HXCDF	pg/g	NE	0 3 UJ	0 77 J	0 4 J	0 2 UJ	0 3 U	0 2 UJ	0 2 UJ	0 2 UJ	0 2 UJ	0 2 UJ	0.65 J	0 2 UJ	0 2 UJ	0 3 UJ	2 1 J	9 6 U	0 1 U
2 3 4 7 8-PECDF	pg/g	NE	0 2 UJ	0 3 UJ	0 2 UJ	0 1 UJ	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 3 U	1 8 J	5 4 U	0 13 J
2 3 7,8-TCDD	pg/g	NE	0 3 UJ	0 3 UJ	0 2 UJ	0 1 UJ	0 2 U	0 2 U	0 2 U	0 2 U	0 3 U	0 2 U	0 2 U	0 2 U	0 2 U	0 3 U	0.5 U	3 9 U	0 1 U
2 3 7,8-TCDF	pg/g	NE	0 64 J	0 92 J	0.43 J	0 1 UJ	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 1 U	1 1	0 2 U	0 2 U	0 3 U	0 84 J	3 4 U	0 4 J
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	9.93E-08	4.19E-07	2.13E-07	4.11E-08	1.61E-08	0.00E+00	0.00E+00	4.95E-08	7.50E-10	2.40E-09	4.92E-07	1.61E-07	4.12E-08	1.90E-09	3.67E-06	8.48E-07	1.70E-07
Radiochemistry																			
GROSS ALPHA	pCi/g	NE	2 5	6 1	5 8	4	1 7	7 2	3 6	4	2 4	6 4	-0 065	2 3	-0 49	10	1 7	5 9	9 7
GROSS BETA	pCi/g	NE	11	13	14	13	13	11	8 6	7 2	9 9	11	9 8	23	14	9 7	2 3	6 4	11 8
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	0 65	0 72	NA	NA	NA	NA	0 37	NA	NA	NA	NA	NA	NA	NA	NA	0 47	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1A

Sample Number			0002-1382	0002-1383	0002-1384	0002-1385	0002-1406	0002-1410	0002-1411	0002-1414	0002-1415	0002-1416 (FD)	0002-1453	0002-1454 (FD)	0002-1455	0002-1456	0002-1491	0002-1663	0002-2295
Sample Location			G12 Floor	F15 Floor	F17 Floor	F18 Sidewall	D7 Floor	B7 Sidewall	D16 Floor	B5 Sidewall	D16 Sidewall	D16 Sidewall	C13 Floor	C13 Floor	B11 Sidewall	B13 Sidewall	C11 Floor	J10 Floor	A2 Floor
Sample Date			5/22/2000	5/22/2000	5/22/2000	5/22/2000	6/6/2000	6/12/2000	6/12/2000	6/13/2000	6/13/2000	6/13/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	7/11/2000	9/14/2000	3/27/2001
Analyte	Units	Cleanup Goals																	
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	NE	0.51	0.2 U	0.2 U	0.43	NA	0.2 U	0.29	0.31	0.36	0.2 U	0.2 U	0.1 U	NA	0.2 U	NA	0.36	NA
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.033
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0.68	0.65	0.36	0.8	0.2	0.21	0.52	0.25	0.33	0.36	0.34	0.34	0.26	0.39	0.34	0.58	NA
LEAD-214	pCi/g	NE	0.52	0.2 U	0.2 U	0.4	NA	0.2 U	0.28	0.32	0.36	0.2 U	0.2 U	0.2 U	NA	0.3 U	NA	0.46	NA
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	12	12	10	15	7.9	8.3	11	12	3.3	13	9.8	9.2	8.5	7	8.1	9.9	9.4
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0.19	0.24	0.13	0.22	NA	0.07	0.19	0.091	0.13	0.11	0.1	0.1	0.088	0.12	NA	0.14	NA
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1552	0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-1884
Sample Location			J16 Floor	J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	P11 Floor
Sample Date			8/3/2000	8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	12/6/2000
Analyte	Units	Cleanup Goals														
Metals																
HEXAVALENT CHROMIUM	mg/kg	0.2	0.23 U	0.3	0.3	0.4	0.4	1.4	0.2	0.4	0.4	0.3	0.3	0.2 J	2.7	0.23 U
ANTIMONY	mg/kg	NE	5.7 U	5.5 U	5.9 U	5.6 U	6.5 U	5.7 U	5.6 U	5.8 U	5.9 U	5.4 U	5.6 U	0.33 J	5.8 U	5.8 U
ARSENIC	mg/kg	9.05	1.7	0.81	1.8	1.3	3.3	2.2	1.3	1.5	1.5	2.1	1.3	0.94	1.8	0.35 U
BARIUM	mg/kg	NE	130	56.2	67.9	101	83.7	128	57.2	60.9	62.6	23.1	10.8	78.8	19.1	49.5
BERYLLIUM	mg/kg	NE	0.23 U	0.22 U	0.24 U	0.22 U	0.26 U	0.23 U	0.22 U	0.23 U	0.24 U	0.22 U	0.22 U	0.23 U	0.23 U	0.23 U
CADMIUM	mg/kg	NE	0.23 U	0.22 U	0.12 J	0.22 U	0.093 J	0.23 U	0.22 U	0.23 U	0.24 U	0.22 U	0.22 U	0.23 U	0.23 U	0.23 U
CHROMIUM	mg/kg	NE	19.3	6.9	11.8	12	21.1	13.6	8.3	10	10	4.6	5.2	14.2	5.3	8.2
COBALT	mg/kg	NE	11.6	4.5	6.1	8.3	9.4	12.3	4.7	5.1	6.1	2.1	2.2	6	2.4	3.3
COPPER	mg/kg	NE	15.7	5.8	27	12.1	22.7	13.3 J	11 J	7.1 J	7.1 J	1.4 J	2.7 J	85.2	2.4	3.6
LEAD	mg/kg	130	9	1.3	52.4	2.2	12.4	3.5	3.7	1.5 J	1.6	0.65 J	0.81 J	15.4	1	1.3
MERCURY	mg/kg	NE	0.23 U	0.22 U	0.15 J	0.058 J	0.094 J	0.23 U	0.22 U	0.23 U	0.24 U	0.22 U	0.22 U	0.12 J	0.23 U	0.23 U
MOLYBDENUM	mg/kg	NE	0.23 U	0.22 U	0.24 U	0.22 U	0.26 U	0.23 U	0.22 U	0.23 U	0.24 U	0.41	0.22 U	0.23 U	0.23 U	0.23 U
NICKEL	mg/kg	NE	8.5	2.7	6.1	5.5	8.9	6.8	3.1	4	4	1.4	2.1	7.6	1.8	2.5
SELENIUM	mg/kg	NE	0.57 U	0.55 U	0.59 U	0.56 U	0.65 U	0.57 U	0.56 U	0.25 J	0.24 J	0.54 U	0.56 U	0.57 U	0.58 U	0.58 U
SILVER	mg/kg	NE	0.57 U	0.55 U	0.59 U	0.56 U	0.65 U	0.14 J	0.11 J	0.099 J	0.099 J	0.13 J	0.56 U	0.57 U	0.58 U	0.58 U
THALLIUM	mg/kg	NE	0.57 U	0.55 U	0.59 U	0.56 U	0.65 U	0.57 U	0.56 U	0.58 U	0.59 U	0.54 U	0.56 U	0.57 U	0.58 U	0.58 U
VANADIUM	mg/kg	NE	58.6	26.7	39.9	49.2	56.5	51.6	26.2	33.6	35.8	8.9	17.9	44.4	14.2	26.1
ZINC	mg/kg	NE	40.7	11.5	49.5	24	50.2	25.6 J	16.2 J	13.6 J	15.3 J	6 J	5.4 J	58.7	7.5	10.2
Total Petroleum Hydrocarbons																
DIESEL	mg/kg	NE	14 J	11 UJ	49 J	11 U	170 J	11 U	16	12 U	12 U	2 J	11 U	7700	3 J	12 U
MOTOR OIL	mg/kg	NE	59 J	11 UJ	53 J	11 U	340 J	2 J	30	12 U	12 U	8 J	11 U	2000	12 U	4 J
SPLP DIESEL	mg/L	NE	0.4 J	1 J	0.5 U	0.5 U	3.1 J	0.1 J	0.5 U	0.2 J	0.5 U	0.5 U	1.2	63	0.5 U	0.04 J
SPLP MOTOR OIL	mg/L	NE	0.4 J	0.5 UJ	0.5 U	0.5 U	2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	17 J	0.06 J	0.03 J
Pesticides																
4,4'-DDD	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	2.6 UJ	2.3 U	2.2 U	2.3 U	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
4,4'-DDE	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	2.6 UJ	2.3 U	2.2 U	2.3 U	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
4,4'-DDT	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	2.6 UJ	2.3 U	2.2 U	3	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
ALDRIN	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
ALPHA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.7 U	1.2 U	1.2 U
BETA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
CHLORDANE	µg/kg	NE	57 U	55 U	59 UJ	56 UJ	65 UJ	57 U	56 U	58 U	59 U	54 U	56 U	NA	NA	NA
DELTA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
DIELDRIN	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	2.6 UJ	2.3 U	2.2 U	2.3 U	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
ENDOSULFAN I	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
ENDOSULFAN II	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	0.6 J	2.3 U	2.2 U	2.3 U	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
ENDOSULFAN SULFATE	µg/kg	NE	5.7 U	5.5 U	5.9 U	5.6 U	6.5 UJ	5.7 U	5.6 U	5.8 U	5.9 U	5.4 U	5.6 U	28 U	5.8 U	5.8 U
ENDRIN	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	2.6 UJ	0.8 J	2.2 U	3	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
ENDRIN ALDEHYDE	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	6.1 J	2.3 U	2.2 U	2.3 U	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
ENDRIN KETONE	µg/kg	NE	2.3 U	2.2 U	2.4 U	2.2 U	7.6 J	2.3 U	2.2 U	2.3 U	2.4 U	2.2 U	2.2 U	11 U	2.3 U	2.3 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.7 U	1.2 U	1.2 U
HEPTACHLOR	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 UJ	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	5.7 U	1.2 U	1.2 U
METHOXYCHLOR	µg/kg	NE	11 U	11 U	12 U	11 U	13 UJ	11 U	11 U	2 J	12 U	11 U	11 U	57 U	12 U	12 U
TOXAPHENE	µg/kg	NE	110 UJ	110 UJ	120 UJ	110 UJ	130 UJ	110 U	110 U	120 U	120 U	110 U	110 U	570 U	120 U	120 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1552	0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-1884
Sample Location			J16 Floor	J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	P11 Floor
Sample Date			8/3/2000	8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	12/6/2000
Analyte	Units	Cleanup Goals														
Polychlorinated Biphenyls																
AROCLOR 1016	µg/kg	NE	57 U	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	58 U
AROCLOR 1221	µg/kg	NE	110 U	110 U	120 U	110 U	130 U	110 U	560 U	120 U	120 U	110 U	110 U	110 U	120 U	120 U
AROCLOR 1232	µg/kg	NE	57 U	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	58 U
AROCLOR 1242	µg/kg	NE	57 U	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	58 U
AROCLOR 1248	µg/kg	NE	57 U	55 U	59 U	56 U	65 U	57 U	280 U	58 U	59 U	54 U	56 U	57 U	58 U	58 U
AROCLOR 1254	µg/kg	NE	28 U	27 U	30 U	28 U	32 U	28 U	140 U	29 U	30 U	27 U	28 U	28 U	29 U	29 U
AROCLOR 1260	µg/kg	NE	28 U	27 U	30 U	28 U	32 U	28 U	3440	29 U	30 U	100	28 U	28 U	29 U	29 U
Volatile Organic Compounds																
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
1,1-DICHLOROETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
1,1-DICHLOROETHENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
1,2-DICHLOROETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
2-BUTANONE	µg/kg	NE	110 U	110 U	140 U	130 U	120 U	120 U	100 U	110 U	100 U	140 U	110 U	89 U	110 U	110 U
2-HEXANONE	µg/kg	NE	56 U	53 U	71 U	63 U	62 U	60 U	52 U	55 U	50 U	71 U	53 U	44 U	56 U	53 U
4-METHYL-2-PENTANONE	µg/kg	NE	56 U	53 U	71 U	63 U	62 U	60 U	52 U	55 U	50 U	71 U	53 U	44 U	56 U	53 U
ACETONE	µg/kg	NE	110 U	110 U	140 U	130 U	120 U	120 U	100 U	110 U	100 U	140 U	110 U	22 J	110 U	110 U
BENZENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	42 J	5.6 U	5.3 U
BROMODICHLOROMETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
BROMOFORM	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
BROMOMETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
CARBON DISULFIDE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	0.7 J	5.6 U	5.3 U
CARBON TETRACHLORIDE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
CHLOROBENZENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	120 J	5.6 U	5.3 U
CHLOROETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
CHLOROFORM	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
CHLOROMETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
ETHYLBENZENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	34 J	5.6 U	5.3 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	11 U	11 U	14 U	13 U	12 U	12 U	10 U	11 U	10 U	14 U	11 U	8.9 U	11 U	11 U
METHYLENE CHLORIDE	µg/kg	NE	0.6 J	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
STYRENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
TETRACHLOROETHENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
TOLUENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
TRICHLOROETHENE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
VINYL ACETATE	µg/kg	NE	56 U	53 U	71 U	63 U	62 U	60 U	52 U	55 U	50 U	71 U	53 U	44 U	56 U	53 U
VINYL CHLORIDE	µg/kg	NE	5.6 U	5.3 U	7.1 U	6.3 U	6.2 U	6 U	5.2 U	5.5 U	5 U	7.1 U	5.3 U	4.4 U	5.6 U	5.3 U
XYLENES (TOTAL)	µg/kg	NE	17 U	16 U	21 U	19 U	19 U	18 U	16 U	17 U	15 U	21 U	16 U	2 J	17 U	16 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1552	0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-1884
Sample Location			J16 Floor	J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	P11 Floor
Sample Date			8/3/2000	8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	12/6/2000
Analyte	Units	Cleanup Goals														
Semivolatile Organic Compounds																
1,2,4-TRICHLOROBENZENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
1,2-DICHLOROBENZENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
1,3-DICHLOROBENZENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
1,4-DICHLOROBENZENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	350 J	390 U	380 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	1800 U	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2,4-DICHLOROPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2,4-DIMETHYLPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2,4-DINITROPHENOL	µg/kg	NE	1800 U	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U
2,4-DINITROTOLUENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2,6-DINITROTOLUENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2-CHLORONAPHTHALENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2-CHLOROPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2-METHYLPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
2-NITROANILINE	µg/kg	NE	1800 U	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U
2-NITROPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
3-NITROANILINE	µg/kg	NE	1800 U	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1800 U	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
4-CHLOROANILINE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
4-NITROANILINE	µg/kg	NE	1800 U	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U
4-NITROPHENOL	µg/kg	NE	1800 U	1800 U	1900 U	1800 U	8300 U	1800 U	1800 U	1800 U	1900 U	1700 U	1800 U	7300 U	1900 U	1900 U
ACENAPHTHENE	µg/kg	NE	28 U	27 U	30 U	28 U	23 J	28 U	28 U	29 U	30 U	27 U	28 U	2100	29 U	29 U
ACENAPHTHYLENE	µg/kg	NE	28 U	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	1200	29 U	29 U
ANTHRACENE	µg/kg	6100	28 U	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	850	29 U	29 U
BENZ[A]ANTHRACENE	µg/kg	560	28 U	27 U	20 J	5 J	65 U	28 U	7 J	29 U	30 U	27 U	28 U	570 U	29 U	29 U
BENZO[A]PYRENE	µg/kg	56	7 J	27 U	12 J	28 U	16 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	29 U
BENZO[B]FLUORANTHENE	µg/kg	560	11 J	27 U	22 J	28 U	25 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	29 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	6 J	27 U	6 J	28 U	10 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	29 U
BENZO[K]FLUORANTHENE	µg/kg	610	28 U	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	29 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
CHRYSENE	µg/kg	6100	29	27 U	25 J	28 U	77	28 U	28 U	29 U	30 U	27 U	28 U	800	29 U	29 U
DIBENZ[A,H]ANTHRACENE	µg/kg	56	28 U	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	29 U
DIBENZOFURAN	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
DIETHYL PHTHALATE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
DIMETHYL PHTHALATE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
FLUORANTHENE	µg/kg	NE	15 J	27 U	39	28 U	38 J	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	29 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1552	0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-1884
Sample Location			J16 Floor	J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	P11 Floor
Sample Date			8/3/2000	8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	12/6/2000
Analyte	Units	Cleanup Goals														
FLUORENE	µg/kg	NE	28 U	27 U	5 J	28 U	28 J	28 U	28 U	29 U	30 U	27 U	28 U	5900	29 U	29 U
HEXACHLOROBENZENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
HEXACHLOROBUTADIENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
HEXACHLOROETHANE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
INDENO[1 2,3-CD]PYRENE	µg/kg	560	6 J	27 U	30 U	28 U	65 U	28 U	28 U	29 U	30 U	27 U	28 U	570 U	29 U	29 U
NAPHTHALENE	µg/kg	NE	28 U	27 U	30 U	28 U	65 U	28 U	28 U	310	30 U	27 U	28 U	1300	29 U	29 U
NITROBENZENE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
PENTACHLOROPHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
PHENANTHRENE	µg/kg	NE	9 J	27 U	31	28 U	50 J	28 U	28 U	29 U	30 U	27 U	28 U	4800	29 U	29 U
PHENOL	µg/kg	NE	370 U	360 U	390 U	370 U	1700 U	370 U	370 U	380 U	390 U	360 U	370 U	1500 U	390 U	380 U
PYRENE	µg/kg	NE	17 J	27 U	43	28 U	76	28 U	28 U	29 U	30 U	27 U	28 U	920	29 U	29 U
Organotin																
DIBUTYLTIN	µg/kg	NE	5.7 U	5.5 U	5.9 U	5.6 U	6.5 U	5.7 U	5.6 U	5.8 U	5.9 U	5.4 U	5.6 U	170 U	18 U	17 U
MONOBUTYLTIN	µg/kg	NE	5.7 U	5.5 U	5.9 U	5.6 U	6.5 U	5.7 U	5.6 U	5.8 U	5.9 U	5.4 U	5.6 U	170 U	18 U	17 U
TETRABUTYLTIN	µg/kg	NE	5.7 U	5.5 U	5.9 U	5.6 U	6.5 U	5.7 U	5.6 U	5.8 U	5.9 U	5.4 U	5.6 U	170 U	18 U	17 U
TRIBUTYLTIN	µg/kg	NE	5.7 U	5.5 U	5.9 U	5.6 U	6.5 U	5.7 U	5.6 U	5.8 U	5.9 U	5.4 U	5.6 U	170 U	18 U	17 U
Dioxins and Furans																
1 2 3,4 6 7 8,9-OCDD	pg/g	NE	122	3 4 J	5 2 J	42 7	23 3 J	57 6 J	344 J	2 4 J	0 8 UJ	18 5 J	2 4 J	246 J	2 1 U	0 9 J
1 2 3,4,6 7 8,9-OCDF	pg/g	NE	3 1 J	0 9 U	0 3 U	1 8 J	5 4 J	1 UJ	29 1 J	0 7 UJ	9 9 J	1 2 J	0 6 UJ	81 6 UJ	1 5 U	1 1 U
1 2 3 4 6 7 8-HPCDD	pg/g	NE	9 7	0 8 U	1 1 J	4 J	3 6 J	5 1	40 9	0 5 U	0 4 U	2 1 J	0 52 J	64 UJ	1 4 U	1 U
1 2 3 4,6 7,8-HPCDF	pg/g	NE	3 3 J	0 5 U	0 92 J	2 J	0 37 J	0 4 U	11 9 J	0 3 U	1 5 J	0 64 J	0 2 U	32 U	1 2 J	0 84 J
1 2 3 4,7 8 9-HPCDF	pg/g	NE	0 8 U	0 7 U	0 2 U	0 2 U	0 3 U	0 6 U	4 7 J	0 4 U	0 3 U	0 2 U	0 3 U	46.1 U	1 U	0.7 U
1 2 3 4 7 8-HXCDD	pg/g	NE	0 6 U	0 5 U	0 2 U	0.33 J	0 2 U	0 4 U	0.4 U	0 3 U	0 2 U	0 2 U	0 2 U	27.2 UJ	0 8 U	0.6 U
1 2,3,4,7,8-HXCDF	pg/g	NE	1 7 J	0 4 U	0 41 J	0.76 J	1 8 J	0 3 U	8 2	0 2 U	0 1 U	0 33 J	0 1 U	16 U	0.71 J	0 65 J
1 2 3 6 7 8-HXCDD	pg/g	NE	0 6 U	0 5 U	0 2 U	0 2 U	0.2 U	0 4 U	0 99 J	0 3 U	0 2 U	0 2 U	0 2 U	25 9 UJ	0 8 U	0 6 U
1 2 3 6 7 8-HXCDF	pg/g	NE	0 4 U	0 3 U	0 1 U	0 37 J	0 53 J	0 3 U	1 3 J	0 2 U	0 1 U	0 09 U	0 1 U	15 3 U	0 5 U	0.34 J
1 2,3,7,8,9-HXCDD	pg/g	NE	0 6 U	0 5 U	0 2 U	0 2 U	0 2 U	0 4 U	1 5 J	0 3 U	0 2 U	0 2 U	0.12 J	26 4 UJ	0 8 U	0 6 U
1 2 3,7 8 9-HXCDF	pg/g	NE	0 6 U	0 4 U	0 1 U	0.1 U	0 2 U	0 3 U	0 3 U	0 2 U	0 2 U	0 1 U	0 2 U	21 2 U	0.7 U	0 5 U
1 2 3 7 8-PECDD	pg/g	NE	0 5 U	0 4 U	0 2 U	0 2 U	0 3 U	0 3 U	0 3 U	0 2 U	0 1 U	0 1 U	0 2 U	15 4 UJ	0 8 U	0 6 U
1 2 3 7 8-PECDF	pg/g	NE	0 4 U	0 3 U	0 1 U	0 1 U	0.2 U	0 2 U	0 2 U	0 2 U	0 1 U	0 1 U	0 1 U	12 1 U	0 5 U	0 4 U
2 3 4,6 7 8-HXCDF	pg/g	NE	1 3 J	0 4 U	0 1 U	0 48 J	1 5 J	0 3 U	1 3 J	0 2 U	0 1 U	0 1 U	0 1 U	17.1 U	0 6 U	0 4 U
2 3 4 7 8-PECDF	pg/g	NE	0 82 J	0 3 U	0 1 U	0 1 U	0 43 J	0 2 U	2 7 J	0 2 U	0 1 U	0 1 U	0 1 U	12.2 U	0 5 U	0.4 U
2 3 7 8-TCDD	pg/g	NE	0 4 U	0 4 U	0 2 U	0 1 U	0 2 U	0 3 U	0 3 U	0 2 U	0 1 U	0 1 U	0 2 U	8 8 UJ	0 6 U	0 4 U
2 3 7 8-TCDF	pg/g	NE	0 4 U	0.4 U	0 1 U	0.96 J	0 93 J	0 3 U	2.1	0 2 U	0 1 U	0 07 U	0.1 U	6 2 UJ	0 4 U	0 3 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	9.65E-07	3.40E-09	6.64E-08	3.95E-07	7.59E-07	1.09E-07	3.84E-06	2.40E-09	2.49E-08	8.01E-08	1.96E-08	2.46E-07	8.30E-08	1.08E-07
Radiochemistry																
GROSS ALPHA	pCi/g	NE	8	2 2	9 6	11	10	6 7	5 3	-0.84	7.1	6 7	1 6	4 8 J	3 9 J	2 2 J
GROSS BETA	pCi/g	NE	14	11	11	13	23	15	17	8 2	9	18	7 8	17 J	12 J	8 J
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	0 94	NA	NA	0 79	NA	0 56	0 27	0 28	0 42	0 34	0.24	0 8	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1552	0002-1553	0002-1567	0002-1568	0002-1569	0002-1664	0002-1665	0002-1666	0002-1667 (FD)	0002-1669	0002-1670	0002-1882	0002-1883	0002-1884
Sample Location			J16 Floor	J19 Floor	PWC Sidewall 1	PWC Sidewall 2	PWC Sidewall 3	M19 Floor	M16 Floor	P17 Floor	P17 Floor	M19 Sidewall	J19 Sidewall	J13 Floor	M13 Floor	P11 Floor
Sample Date			8/3/2000	8/3/2000	8/8/2000	8/8/2000	8/8/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	9/14/2000	12/6/2000	12/6/2000	12/6/2000
Analyte	Units	Cleanup Goals														
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	NE	0.76	0.2 U	0.4	0.41	0.3 U	0.59	0.53	0.41	0.47	0.37	0.3	0.72	0.37	0.32
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0.91	0.37	0.7	0.76	0.91	0.41	0.4	0.36	0.47	0.39	0.29	0.84	0.42	0.46
LEAD-214	pCi/g	NE	0.79	0.2 U	0.41	0.49	0.3 U	0.53	0.45	0.58	0.51	0.34	0.33	0.8	0.44	0.39
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	15	11	11	11	15	8.1	7.7	10	11	9.5	9.8	17	14	11
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0.25	0.15	0.21	0.25	0.36	0.16	0.11	0.15	0.15	0.12	0.094	0.26	0.17	0.15
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1885 (FD)	0002-1886	0002-2141	0002-2168	0002-2171	0002-2174	0002-2292
Sample Location			P11 Floor	P14 Floor	M10 Floor	P8 NE Floor	Q8 E Sidewall	P8 Floor	Q10 Sidewall
Sample Date			12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001	3/27/2001
Analyte	Units	Cleanup Goals							
Metals									
HEXAVALENT CHROMIUM	mg/kg	0.2	0.23 U	0.25 U	0.3	0.5	5	0.25 U	0.22 U
ANTIMONY	mg/kg	NE	5.8 U	0.31 J	6 U	5.9 U	5.4 U	6.2 U	5.4 U
ARSENIC	mg/kg	9.05	0.46 J	1.5	2	1.4	2.6	0.74	0.98
BARIUM	mg/kg	NE	38.2	112 J	34.9	19.2	87.6	24.4	26.1
BERYLLIUM	mg/kg	NE	0.23 U	0.25 U	0.24 U	0.24 U	0.22 U	0.25 U	0.22 U
CADMIUM	mg/kg	NE	0.23 U	0.094 J	0.24 U	0.24 U	0.52	0.25 U	0.22 U
CHROMIUM	mg/kg	NE	6	13.5	15.3	4.5	34.9	4.4	6.1
COBALT	mg/kg	NE	2.4	9.1 J	3.7	2	6.7	2	3
COPPER	mg/kg	NE	2.7	12.5	3.6	7.5 J	596 J	4.4 J	3.4 J
LEAD	mg/kg	130	1	3.3	1.2	2	114	1.2	1.2
MERCURY	mg/kg	NE	0.23 U	0.25 U	0.24 U	0.084 J	1.6	0.094 J	0.22 U
MOLYBDENUM	mg/kg	NE	0.23 U	0.25 U	0.24 U	0.24 U	0.22 U	0.25 U	0.22 U
NICKEL	mg/kg	NE	1.8	6.4 J	3.1	1.3 J	7 J	1.3 J	2.2
SELENIUM	mg/kg	NE	0.58 U	0.62 U	0.6 U	0.59 U	0.54 U	0.62 U	0.54 U
SILVER	mg/kg	NE	0.58 U	0.62 U	0.6 U	0.59 U	0.54 U	0.62 U	0.54 U
THALLIUM	mg/kg	NE	0.58 U	0.62 U	0.6 U	0.59 U	0.54 U	0.62 U	0.54 U
VANADIUM	mg/kg	NE	21.9	52.8	48.1	15.4	36.4	14.4	22.9
ZINC	mg/kg	NE	7.5	25.4 J	9.5	9.4 J	438 J	7.5 J	8.8 J
Total Petroleum Hydrocarbons									
DIESEL	mg/kg	NE	2 J	12 U	18	9 J	18	6 J	11 U
MOTOR OIL	mg/kg	NE	27	19	3 J	3 J	74	8 J	11 U
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	12 J	0.5 U	0.4 J	0.5 U	0.5 UJ
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.5 U	5 U	0.5 U	2	0.5 U	0.5 UJ
Pesticides									
4,4'-DDD	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	2 J	2.5 U	2.2 U
4,4'-DDE	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	3	2.5 U	2.2 U
4,4'-DDT	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	11	2.5 U	2.2 U
ALDRIN	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
ALPHA-BHC	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
ALPHA-CHLORDANE	µg/kg	NE	1.2 U	1.2 U	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
CHLORDANE	µg/kg	NE	NA	NA	60 U	59 U	54 U	62 U	54 U
DELTA-BHC	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
DIELDRIN	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	2.2 U	2.5 U	2.2 U
ENDOSULFAN I	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
ENDOSULFAN II	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	2.2 U	2.5 U	2.2 U
ENDOSULFAN SULFATE	µg/kg	NE	5.8 U	6.2 U	6 U	5.9 U	5.4 U	6.2 U	5.4 U
ENDRIN	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	2.2 U	2.5 U	2.2 U
ENDRIN ALDEHYDE	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	2.2 U	2.5 U	2.2 U
ENDRIN KETONE	µg/kg	NE	2.3 U	2.5 U	2.4 U	2.4 U	2.2 U	2.5 U	2.2 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
GAMMA-CHLORDANE	µg/kg	NE	1.2 U	1.2 U	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U
METHOXYCHLOR	µg/kg	NE	12 U	12 U	12 UJ	12 U	11 U	12 U	11 U
TOXAPHENE	µg/kg	NE	120 U	120 U	120 U	120 U	110 U	120 U	110 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1885 (FD)	0002-1886	0002-2141	0002-2168	0002-2171	0002-2174	0002-2292
Sample Location			P11 Floor	P14 Floor	M10 Floor	P8 NE Floor	Q8 E Sidewall	P8 Floor	Q10 Sidewall
Sample Date			12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001	3/27/2001
Analyte	Units	Cleanup Goals							
Polychlorinated Biphenyls									
AROCLOR 1016	µg/kg	NE	58 U	62 U	60 U	59 U	54 U	62 U	54 U
AROCLOR 1221	µg/kg	NE	120 U	120 U	120 U	120 U	110 U	120 U	110 U
AROCLOR 1232	µg/kg	NE	58 U	62 U	60 U	59 U	54 U	62 U	54 U
AROCLOR 1242	µg/kg	NE	58 U	62 U	60 U	59 U	54 U	62 U	54 U
AROCLOR 1248	µg/kg	NE	58 U	62 U	60 U	59 U	54 U	62 U	54 U
AROCLOR 1254	µg/kg	NE	29 U	31 U	30 U	29 U	27 U	31 U	27 U
AROCLOR 1260	µg/kg	NE	29 U	31 U	30 U	29 U	63	31 U	27 U
Volatile Organic Compounds									
1 1 1-TRICHLOROETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
1 1,2 2-TETRACHLOROETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
1.1 2-TRICHLOROETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
1.1-DICHLOROETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
1.1-DICHLOROETHENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
1,2-DICHLOROETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
1 2-DICHLOROPROPANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
2-BUTANONE	µg/kg	NE	110 U	110 U	580 J	120 U	93 U	120 U	120 U
2-HEXANONE	µg/kg	NE	53 U	53 U	6000 UJ	58 U	46 U	62 U	60 U
4-METHYL-2-PENTANONE	µg/kg	NE	53 U	53 U	6000 UJ	58 U	46 U	62 U	60 U
ACETONE	µg/kg	NE	110 U	110 U	12000 UJ	120 U	93 U	120 U	120 U
BENZENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
BROMODICHLOROMETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
BROMOFORM	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
BROMOMETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CARBON DISULFIDE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CARBON TETRACHLORIDE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CHLOROBENZENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CHLOROETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CHLOROFORM	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CHLOROMETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CIS-1.2-DICHLOROETHENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
ETHYLBENZENE	µg/kg	NE	5.3 U	5.3 U	200 J	5.8 U	4.6 U	6.2 U	6 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	11 U	11 U	1200 UJ	12 U	9.3 U	12 U	12 U
METHYLENE CHLORIDE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
STYRENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
TETRACHLOROETHENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
TOLUENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
TRANS-1.3-DICHLOROPROPENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
TRICHLOROETHENE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
VINYL ACETATE	µg/kg	NE	53 U	53 U	6000 UJ	58 U	46 U	62 U	60 U
VINYL CHLORIDE	µg/kg	NE	5.3 U	5.3 U	600 UJ	5.8 U	4.6 U	6.2 U	6 U
XYLENES (TOTAL)	µg/kg	NE	16 U	16 U	1800 UJ	17 U	14 U	19 U	18 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1885 (FD)	0002-1886	0002-2141	0002-2168	0002-2171	0002-2174	0002-2292
Sample Location			P11 Floor	P14 Floor	M10 Floor	P8 NE Floor	Q8 E Sidewall	P8 Floor	Q10 Sidewall
Sample Date			12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001	3/27/2001
Analyte	Units	Cleanup Goals							
Semivolatile Organic Compounds									
1 2 4-TRICHLOROBENZENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
1 2-DICHLOROBENZENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
1 3-DICHLOROBENZENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
1 4-DICHLOROBENZENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	1900 U	2000 U	1900 U	1900 U	1700 U	2000 U	1700 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2,4-DICHLOROPHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2 4-DIMETHYL PHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2 4-DINITROPHENOL	µg/kg	NE	1900 U	2000 U	1900 U	1900 U	1700 U	2000 U	1700 U
2,4-DINITROTOLUENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2,6-DINITROTOLUENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2-CHLORONAPHTHALENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2-CHLOROPHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2-METHYL PHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
2-NITROANILINE	µg/kg	NE	1900 U	2000 U	1900 U	1900 U	1700 U	2000 U	1700 U
2-NITROPHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	390 U	410 U	540 U	390 U	360 U	410 U	420 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
3-NITROANILINE	µg/kg	NE	1900 U	2000 U	1900 U	1900 U	1700 U	2000 U	1700 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1900 U	2000 U	1900 U	1900 U	1700 U	2000 U	1700 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
4-CHLOROANILINE	µg/kg	NE	390 U	410 U	540 U	390 U	360 U	410 U	810 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
4-NITROANILINE	µg/kg	NE	1900 U	2000 U	1900 U	1900 UJ	1700 UJ	2000 UJ	1700 U
4-NITROPHENOL	µg/kg	NE	1900 U	2000 U	1900 U	1900 U	1700 U	2000 U	1700 U
ACENAPHTHENE	µg/kg	NE	29 U	31 U	30 U	29 U	27 U	31 U	27 U
ACENAPHTHYLENE	µg/kg	NE	29 U	31 U	30 U	29 U	24 J	31 U	27 U
ANTHRACENE	µg/kg	6100	29 U	31 U	30 U	29 U	28	31 U	27 U
BENZ[A]ANTHRACENE	µg/kg	560	29 U	31 U	30 U	29 U	45	31 U	27 U
BENZO[A]PYRENE	µg/kg	56	29 U	31 U	30 U	29 U	48	31 U	27 U
BENZO[B]FLUORANTHENE	µg/kg	560	29 U	31 U	30 U	29 U	130	31 U	27 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	29 U	31 U	30 U	29 U	61	31 U	27 U
BENZO[K]FLUORANTHENE	µg/kg	610	29 U	31 U	30 U	29 U	44	31 U	27 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
CHRYSENE	µg/kg	6100	29 U	31 U	30 U	29 U	83	31 U	27 U
DIBENZ[A,H]ANTHRACENE	µg/kg	56	29 U	31 U	30 U	29 U	27 U	31 U	27 U
DIBENZOFURAN	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
DIETHYL PHTHALATE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
DIMETHYL PHTHALATE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
FLUORANTHENE	µg/kg	NE	29 U	31 U	30 U	29 U	63	31 U	27 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number			0002-1885 (FD)	0002-1886	0002-2141	0002-2168	0002-2171	0002-2174	0002-2292
Sample Location			P11 Floor	P14 Floor	M10 Floor	P8 NE Floor	Q8 E Sidewall	P8 Floor	Q10 Sidewall
Sample Date			12/6/2000	12/6/2000	2/22/2001	3/8/2001	3/8/2001	3/8/2001	3/27/2001
Analyte	Units	Cleanup Goals							
FLUORENE	µg/kg	NE	29 U	31 U	25 J	29 U	27 U	31 U	27 U
HEXACHLOROBENZENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
HEXACHLOROBUTADIENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	390 U	410 U	680 U	390 U	360 U	410 U	420 U
HEXACHLOROETHANE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	29 U	31 U	30 U	29 U	52	31 U	27 U
NAPHTHALENE	µg/kg	NE	29 U	31 U	10 J	29 U	27 U	31 U	27 U
NITROBENZENE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	390 U	410 U	470 U	390 U	360 U	410 U	660 U
PENTACHLOROPHENOL	µg/kg	NE	390 U	410 U	400 U	410 U	380 U	440 U	480 U
PHENANTHRENE	µg/kg	NE	29 U	31 U	34	29 U	22 J	31 U	27 U
PHENOL	µg/kg	NE	390 U	410 U	400 U	390 U	360 U	410 U	360 U
PYRENE	µg/kg	NE	29 U	31 U	30 U	29 U	74	31 U	27 U
Organotin									
DIBUTYLTIN	µg/kg	NE	18 U	19 UJ	6 U	12 U	11 U	12 U	11 U
MONOBUTYLTIN	µg/kg	NE	18 U	19 UJ	6 U	12 U	11 U	12 U	11 U
TETRABUTYLTIN	µg/kg	NE	18 U	19 UJ	6 U	12 U	11 U	12 U	11 U
TRIBUTYLTIN	µg/kg	NE	18 U	19 UJ	6 U	12 U	11 U	12 U	11 U
Dioxins and Furans									
1 2 3 4 6 7 8,9-OCDD	pg/g	NE	1.4 J	10 5 J	1 2 U	26 8 J	527	4 4 J	2 4 J
1 2 3 4,6,7,8 9-OCDF	pg/g	NE	1 6 U	0 7 U	0 9 U	3 4 U	24 3	0 4 U	0 35 J
1 2 3 4 6 7 8-HPCDD	pg/g	NE	1.4 U	0 57 J	0.7 U	4 3 J	57 7	0 53 J	0.53 J
1 2 3 4 6 7,8-HPCDF	pg/g	NE	0 84 J	0 3 U	0 5 U	4 8 J	34 5	0 44 J	0 37 J
1 2 3 4 7 8 9-HPCDF	pg/g	NE	1 U	0 4 U	0 6 U	1 3 U	1 1 J	0 2 U	0 2 U
1 2 3 4 7 8-HXCDD	pg/g	NE	0 8 U	0 3 U	0 4 U	0 9 U	0 88 J	0 2 U	0 1 U
1 2 3 4 7,8-HXCDF	pg/g	NE	0.65 J	0 2 U	0 3 U	2 2 J	11 7	0 25 J	0 22 J
1 2 3,6,7 8-HXCDD	pg/g	NE	0 8 U	0 3 U	0 4 U	0 9 U	2 2 J	0 2 U	0 1 U
1 2 3 6 7 8-HXCDF	pg/g	NE	0 5 U	0.2 U	0 3 U	0 6 U	3 9 J	0 1 U	0 23 J
1 2 3 7 8,9-HXCDD	pg/g	NE	0 8 U	0 3 U	0 4 U	0 9 U	2 5 J	0 2 U	0.16 J
1 2 3,7,8 9-HXCDF	pg/g	NE	0 7 U	0 3 U	0 3 U	0 7 U	0 37 J	0 1 U	0 1 U
1,2 3 7 8-PECDD	pg/g	NE	0 7 U	0 3 U	0 4 U	0 8 U	0 63 J	0 1 U	0 1 U
1 2 3 7 8-PECDF	pg/g	NE	0 5 U	0 2 U	0 2 U	0 5 U	1 5 J	0.09 U	0 1 U
2 3,4,6,7,8-HXCDF	pg/g	NE	0.6 U	0 2 U	0 3 U	0 6 U	6 3	0 1 U	0 2 J
2,3,4,7,8-PECDF	pg/g	NE	0 5 U	0 2 U	0 2 U	0 5 U	3 8 J	0 09 U	0 14 J
2 3 7 8-TCDD	pg/g	NE	0 5 U	0 33 J	0 3 U	0 5 U	0 1 U	0 1 U	0 1 U
2 3 7 8-TCDF	pg/g	NE	0 4 U	0 92 J	0 2 U	0 98 J	5.9	0 08 U	0 09 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	7.48E-08	4.38E-07	0.00E+00	4.36E-07	7.15E-06	3.91E-08	1.63E-07
Radiochemistry									
GROSS ALPHA	pCi/g	NE	4 7 J	-3 7 J	7 4 J	4 3 J	2 3 U	3 8 U	4 U
GROSS BETA	pCi/g	NE	5 6 J	12 J	13	15 2	13 8	16 6	12 2
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 1B

Sample Number Sample Location Sample Date			0002-1885 (FD) P11 Floor 12/6/2000	0002-1886 P14 Floor 12/6/2000	0002-2141 M10 Floor 2/22/2001	0002-2168 P8 NE Floor 3/8/2001	0002-2171 Q8 E Sidewall 3/8/2001	0002-2174 P8 Floor 3/8/2001	0002-2292 Q10 Sidewall 3/27/2001
Analyte	Units	Cleanup Goals							
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	NE	0.38	0.43	NA	NA	NA	NA	NA
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	0.014 U	-0.017 U	-0.02 U	-0.041 U	-0.02 U
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0.5	0.52	0.26	0.29	NA	NA	0.244
LEAD-214	pCi/g	NE	0.4	0.46	NA	0.25	NA	NA	0.24
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	13	12	9.3	10.8	9.1	10.9	8.3
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0.17	0.2	NA	NA	NA	NA	NA
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	0.36	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	0.36	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number Sample Location Sample Date			0002-1405 D5 Floor 6/6/2000	0002-1549 G6 Floor 8/3/2000	0002-1550 G3 Floor 8/3/2000
Analyte	**Units**	**Cleanup Goals**			
Metals					
HEXAVALENT CHROMIUM	mg/kg	0.2	0.4	0.4	0.27 U
ANTIMONY	mg/kg	NE	6.3 U	6.3 U	6.7 U
AROCLOR 1016	mg/kg	9.05	2	4.6	1.6
AROCLOR 1221	mg/kg	NE	17.2	111	182
AROCLOR 1232	mg/kg	NE	0.25 U	0.25 U	0.27 U
AROCLOR 1242	mg/kg	NE	0.25 U	0.14 J	0.27 U
AROCLOR 1248	mg/kg	NE	5.3	23.6	23.5
AROCLOR 1254	mg/kg	NE	3.6	11.2	14
AROCLOR 1260	mg/kg	NE	3.5	20.9	16.4
LEAD	mg/kg	130	1.5	7.4	2.8
MERCURY	mg/kg	NE	0.25 U	0.25 U	0.27 U
MOLYBDENUM	mg/kg	NE	0.25 U	0.35 J	0.27 U
NICKEL	mg/kg	NE	1.9	10.5	9.8
SELENIUM	mg/kg	NE	2.3	0.63 U	0.67 U
SILVER	mg/kg	NE	0.63 U	0.63 U	0.67 U
THALLIUM	mg/kg	NE	0.63 U	0.63 U	0.67 U
VANADIUM	mg/kg	NE	15	55.3	76.8
ZINC	mg/kg	NE	30.2	51.5	49.7
Total Petroleum Hydrocarbons					
DIESEL	mg/kg	NE	13 U	15 J	7 J
MOTOR OIL	mg/kg	NE	3 J	29 J	3 J
SPLP DIESEL	mg/L	NE	0.5 U	2.4 J	13 J
SPLP MOTOR OIL	mg/L	NE	0.06 J	1.1 J	1 J
Pesticides					
4,4'-DDD	µg/kg	NE	2.5 U	2.5 U	2.7 U
4,4'-DDE	µg/kg	NE	2.5 U	2.5 U	2.7 U
4,4'-DDT	µg/kg	NE	2.5 U	2.5 U	2.7 U
ALDRIN	µg/kg	NE	1.3 U	1.3 U	1.3 U
ALPHA-BHC	µg/kg	NE	1.3 U	1.3 U	1.3 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA
BETA-BHC	µg/kg	NE	1.3 U	1.3 U	1.3 U
CHLORDANE	µg/kg	NE	63 U	63 U	67 U
DELTA-BHC	µg/kg	NE	1.3 U	1.3 U	1.3 U
DIELDRIN	µg/kg	NE	2.5 U	2.5 U	2.7 U
ENDOSULFAN I	µg/kg	NE	1.3 U	1.3 U	1.3 U
ENDOSULFAN II	µg/kg	NE	2.5 U	2.5 U	2.7 U
ENDOSULFAN SULFATE	µg/kg	NE	6.3 U	6.3 U	6.7 U
ENDRIN	µg/kg	NE	2.5 U	2.5 U	2.7 U
ENDRIN ALDEHYDE	µg/kg	NE	2.5 U	2.5 U	2.7 U
ENDRIN KETONE	µg/kg	NE	2.5 U	2.5 U	2.7 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.3 U	1.3 U	1.3 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.3 U	1.3 U	1.3 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.3 U	1.3 U	1.3 U
METHOXYCHLOR	µg/kg	NE	13 U	3 J	13 U
TOXAPHENE	µg/kg	NE	130 U	130 UJ	130 UJ

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number Sample Location Sample Date			0002-1405 D5 Floor 6/6/2000	0002-1549 G6 Floor 8/3/2000	0002-1550 G3 Floor 8/3/2000
Analyte	**Units**	**Cleanup Goals**			
Polychlorinated Biphenyls					
AROCLOR 1016	µg/kg	NE	63 U	63 U	67 U
AROCLOR 1221	µg/kg	NE	130 U	130 U	130 U
AROCLOR 1232	µg/kg	NE	63 U	63 U	67 U
AROCLOR 1242	µg/kg	NE	63 U	63 U	67 U
AROCLOR 1248	µg/kg	NE	63 U	63 U	67 U
AROCLOR 1254	µg/kg	NE	32 U	32 U	34 U
AROCLOR 1260	µg/kg	NE	32 U	32 U	34 U
Volatile Organic Compounds					
1 1,1-TRICHLOROETHANE	µg/kg	NE	6 U	9 8 U	6.1 U
1 1 2 2-TETRACHLOROETHANE	µg/kg	NE	6 U	9.8 U	6.1 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	6 U	9.8 U	6.1 U
1 1-DICHLOROETHANE	µg/kg	NE	6 U	9 8 U	6.1 U
1 1-DICHLOROETHENE	µg/kg	NE	6 U	9.8 U	6.1 U
1,2-DICHLOROETHANE	µg/kg	NE	6 U	9 8 U	6.1 U
1 2-DICHLOROPROPANE	µg/kg	NE	6 U	9 8 U	6.1 U
2-BUTANONE	µg/kg	NE	120 U	200 U	120 U
2-HEXANONE	µg/kg	NE	60 U	98 U	61 U
4-METHYL-2-PENTANONE	µg/kg	NE	60 U	98 U	61 U
ACETONE	µg/kg	NE	120 U	200 U	120 U
BENZENE	µg/kg	NE	6 U	9 8 U	6 1 U
BROMODICHLOROMETHANE	µg/kg	NE	6 U	9.8 U	6 1 U
BROMOFORM	µg/kg	NE	6 U	9.8 U	6.1 U
BROMOMETHANE	µg/kg	NE	6 U	9 8 U	6 1 U
CARBON DISULFIDE	µg/kg	NE	6 U	9 8 U	6 1 U
CARBON TETRACHLORIDE	µg/kg	NE	6 U	9 8 U	6 1 U
CHLOROBENZENE	µg/kg	NE	6 U	9.8 U	6 1 U
CHLOROETHANE	µg/kg	NE	6 U	9 8 U	6 1 U
CHLOROFORM	µg/kg	NE	6 U	9 8 U	6 1 U
CHLOROMETHANE	µg/kg	NE	6 U	9 8 U	6 1 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	6 U	9 8 U	6 1 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	6 U	9.8 U	6 1 U
DIBROMOCHLOROMETHANE	µg/kg	NE	6 U	9 8 U	6.1 U
ETHYLBENZENE	µg/kg	NE	6 U	9 8 U	6.1 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	12 U	20 U	12 U
METHYLENE CHLORIDE	µg/kg	NE	1 J	9 8 U	0 8 J
STYRENE	µg/kg	NE	6 U	9.8 U	6 1 U
TETRACHLOROETHENE	µg/kg	NE	6 U	9.8 U	6 1 U
TOLUENE	µg/kg	NE	6 U	9 8 U	6.1 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	6 U	9 8 U	6 1 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	6 U	9 8 U	6 1 U
TRICHLOROETHENE	µg/kg	NE	6 U	9 8 U	6 1 U
VINYL ACETATE	µg/kg	NE	60 U	98 U	61 U
VINYL CHLORIDE	µg/kg	NE	6 U	9 8 U	6 1 U
XYLENES (TOTAL)	µg/kg	NE	18 U	30 U	18 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number Sample Location Sample Date			0002-1405 D5 Floor 6/6/2000	0002-1549 G6 Floor 8/3/2000	0002-1550 G3 Floor 8/3/2000
Analyte	**Units**	**Cleanup Goals**			
Semivolatile Organic Compounds					
1,2,4-TRICHLOROBENZENE	µg/kg	NE	420 U	420 U	440 U
1,2-DICHLOROBENZENE	µg/kg	NE	420 U	420 U	440 U
1,3-DICHLOROBENZENE	µg/kg	NE	420 U	420 U	440 U
1,4-DICHLOROBENZENE	µg/kg	NE	420 U	420 U	440 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	2000 U	2000 U	2200 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	420 U	420 U	440 U
2,4-DICHLOROPHENOL	µg/kg	NE	420 U	420 U	440 U
2,4-DIMETHYLPHENOL	µg/kg	NE	420 U	420 U	440 U
2,4-DINITROPHENOL	µg/kg	NE	2000 UJ	2000 U	2200 U
2,4-DINITROTOLUENE	µg/kg	NE	420 U	420 U	440 U
2,6-DINITROTOLUENE	µg/kg	NE	420 U	420 U	440 U
2-CHLORONAPHTHALENE	µg/kg	NE	420 U	420 U	440 U
2-CHLOROPHENOL	µg/kg	NE	420 U	420 U	440 U
2-METHYLPHENOL	µg/kg	NE	420 U	420 U	440 U
2-NITROANILINE	µg/kg	NE	2000 U	2000 U	2200 U
2-NITROPHENOL	µg/kg	NE	420 U	420 U	440 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	420 UJ	420 U	440 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	420 U	420 U	440 U
3-NITROANILINE	µg/kg	NE	2000 U	2000 U	2200 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	2000 U	2000 U	2200 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	420 U	420 U	440 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	420 U	420 U	440 U
4-CHLOROANILINE	µg/kg	NE	420 U	420 U	440 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	420 U	420 U	440 U
4-NITROANILINE	µg/kg	NE	2000 UJ	2000 U	2200 U
4-NITROPHENOL	µg/kg	NE	2000 U	2000 U	2200 U
ACENAPHTHENE	µg/kg	NE	32 U	32 U	34 U
ACENAPHTHYLENE	µg/kg	NE	32 U	7 J	34 U
ANTHRACENE	µg/kg	6100	32 U	16 J	34 U
BENZ[A]ANTHRACENE	µg/kg	560	32 U	63	9 J
BENZO[A]PYRENE	µg/kg	56	32 U	79	34 U
BENZO[B]FLUORANTHENE	µg/kg	560	32 U	160	34 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	32 U	84	34 U
BENZO[K]FLUORANTHENE	µg/kg	610	32 U	47	34 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	420 U	420 U	440 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	420 U	420 U	440 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	420 U	420 U	440 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	420 U	420 U	440 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	420 UJ	420 U	440 U
CHRYSENE	µg/kg	6100	32 U	91	34 U
DIBENZ[A,H]ANTHRACENE	µg/kg	56	32 U	21 J	34 U
DIBENZOFURAN	µg/kg	NE	420 U	420 U	440 U
DIETHYL PHTHALATE	µg/kg	NE	420 U	420 U	440 U
DIMETHYL PHTHALATE	µg/kg	NE	420 U	420 U	440 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	420 U	420 U	440 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	420 U	420 U	440 U
FLUORANTHENE	µg/kg	NE	54	55	34 U
FLUORENE	µg/kg	NE	32 U	32 U	34 U
HEXACHLOROBENZENE	µg/kg	NE	420 U	420 U	440 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number Sample Location Sample Date			0002-1405 D5 Floor 6/6/2000	0002-1549 G6 Floor 8/3/2000	0002-1550 G3 Floor 8/3/2000
Analyte	**Units**	**Cleanup Goals**			
HEXACHLOROBUTADIENE	µg/kg	NE	420 U	420 U	440 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	420 U	420 U	440 U
HEXACHLOROETHANE	µg/kg	NE	420 U	420 U	440 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	32 U	69	34 U
NAPHTHALENE	µg/kg	NE	32 U	5 J	23 J
NITROBENZENE	µg/kg	NE	420 U	420 U	440 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	420 U	420 U	440 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	420 U	420 U	440 U
PENTACHLOROPHENOL	µg/kg	NE	420 U	420 U	440 U
PHENANTHRENE	µg/kg	NE	34	18 J	9 J
PHENOL	µg/kg	NE	420 U	420 U	440 U
PYRENE	µg/kg	NE	37	70	34 U
Organotin					
DIBUTYLTIN	µg/kg	NE	6 3 U	6 3 U	6 7 U
MONOBUTYLTIN	µg/kg	NE	6 3 U	6 3 U	6 7 U
TETRABUTYLTIN	µg/kg	NE	6 3 U	6 3 U	6 7 U
TRIBUTYLTIN	µg/kg	NE	6.3 U	6.3 U	6.7 U
Dioxins and Furans					
1 2,3 4 6,7,8,9-OCDD	pg/g	NE	5 5 J	12 4	1 6 J
1 2 3 4 6 7 8 9-OCDF	pg/g	NE	1 6 U	0 9 U	0 8 U
1 2 3 4 6 7 8-HPCDD	pg/g	NE	1 2 U	1 6 J	0 7 U
1,2,3,4 6 7 8-HPCDF	pg/g	NE	1 3 J	0 5 U	0 9 UJ
1 2 3 4 7 8 9-HPCDF	pg/g	NE	1 3 U	0 7 U	1 3 U
1 2 3,4 7,8-HXCDD	pg/g	NE	0 9 U	0 6 U	0 4 U
1 2 3 4 7 8-HXCDF	pg/g	NE	0 9 U	0 4 U	0 5 U
1 2 3 6 7,8-HXCDD	pg/g	NE	1 UJ	0 6 U	0 4 U
1,2,3,6,7 8-HXCDF	pg/g	NE	0 8 UJ	0.4 U	0 5 UJ
1 2 3 7 8 9-HXCDD	pg/g	NE	0 9 UJ	0 6 U	0 4 U
1 2 3 7 8,9-HXCDF	pg/g	NE	1 U	0 5 U	0 7 U
1,2,3,7 8-PECDD	pg/g	NE	0.9 U	0.4 U	0 3 U
1 2 3 7 8-PECDF	pg/g	NE	0.5 U	0 3 U	0 2 U
2 3,4,6,7,8-HXCDF	pg/g	NE	1 5 J	0 4 U	0 6 U
2,3,4,7,8-PECDF	pg/g	NE	0 7 U	0.3 U	0 2 U
2 3 7 8-TCDD	pg/g	NE	0 6 UJ	0 4 U	0 3 U
2 3 7 8-TCDF	pg/g	NE	0 6 UJ	0 3 U	0 2 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	1.69E-07	2.84E-08	1.60E-09
Radiochemistry					
GROSS ALPHA	pCi/g	NE	0 76	-0 55	7 5
GROSS BETA	pCi/g	NE	5 6	17	20
ACTINIUM-227	pCi/g	NE	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA
BERYLLIUM-7	pCi/g	NE	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA
BISMUTH-214	pCi/g	NE	NA	0 47	0 68
CERIUM-139	pCi/g	NE	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2A

Sample Number Sample Location Sample Date			0002-1405 D5 Floor 6/6/2000	0002-1549 G6 Floor 8/3/2000	0002-1550 G3 Floor 8/3/2000
Analyte	Units	Cleanup Goals			
CERIUM-141	pCi/g	NE	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	NA
CHROMIUM-51	pCi/g	NE	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA
LEAD-212	pCi/g	NE	0 14	0 57	0.9
LEAD-214	pCi/g	NE	NA	0 47	0.7
MANGANESE-54	pCi/g	NE	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA
POTASSIUM-40	pCi/g	NE	8	11	13
PROMETHIUM-144	pCi/g	NE	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA
THALLIUM-208	pCi/g	NE	0 067	0 15	0.24
THORIUM-230	pCi/g	NE	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA
URANIUM-235	pCi/g	NE	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number Sample Location Sample Date			0002-1891 J0 Floor 12/7/2000	0002-1892 J1 Floor 12/7/2000	0002-1893 M1 Floor 12/7/2000	0002-2139 J4 Floor 2/22/2001	0002-2140 J7 Floor 2/22/2001	0002-2165 M4 Floor 3/1/2001	0002-2166 M7 Floor 3/1/2001
Analyte	**Units**	**Cleanup Goals**							
Metals									
HEXAVALENT CHROMIUM	mg/kg	0.2	0.24 U	0.1 J	0.1 J	0.3	0.5	0.25 U	0.24 U
ANTIMONY	mg/kg	NE	6 U	5.9 U	5.5 U	6.1 U	6.1 U	6.3 U	6.1 U
ARSENIC	mg/kg	9.05	7.9	2.4	0.89	1.4	1.7	0.99	2.1
BARIUM	mg/kg	NE	93.6	116	36.9	35.3	36.8	53.9	56
BERYLLIUM	mg/kg	NE	0.24 U	0.23 U	0.22 U	0.24 U	0.24 U	0.25 U	0.24 U
CADMIUM	mg/kg	NE	0.24 U	0.23 U	0.22 U	0.24 U	0.24 U	0.25 U	0.24 U
CHROMIUM	mg/kg	NE	7.7	16.3	8.7	8.2	7	10.4	7.1
COBALT	mg/kg	NE	3.6	9.5	4.3	3.4	3.5	5.1	5.4
COPPER	mg/kg	NE	3.5	28.5	3.7	22.6	8.4	5.8	5.7
LEAD	mg/kg	130	3.4	10.9	0.82	7.6	2.8	1.7	1.3
MERCURY	mg/kg	NE	0.073 J	0.073 J	0.22 U	0.058 J	0.24 U	0.25 U	0.041 J
MOLYBDENUM	mg/kg	NE	0.24 U	0.23 U	0.22 U	0.24 U	0.24 U	0.25 U	0.24 U
NICKEL	mg/kg	NE	3.3	8.5	2.8	2.9	2.4	3.4	3.3
SELENIUM	mg/kg	NE	0.6 U	0.59 U	0.55 U	0.61 U	0.61 U	0.63 U	0.61 U
SILVER	mg/kg	NE	0.6 U	0.59 U	0.55 U	0.61 U	0.61 U	0.63 U	0.61 U
THALLIUM	mg/kg	NE	0.6 U	0.59 U	0.55 U	0.61 U	0.61 U	0.63 U	0.61 U
VANADIUM	mg/kg	NE	17.5	51.8	32.2	30.4	28.7	39.3	28
ZINC	mg/kg	NE	17	113	11.1	28.5	12.6	16.9	16.4
Total Petroleum Hydrocarbons									
DIESEL	mg/kg	NE	1500	4300	11 U	11000	2600	13 U	38
MOTOR OIL	mg/kg	NE	510	730	11 U	3000	670	13 U	12 U
SPLP DIESEL	mg/L	NE	2	4.2	0.2 J	58 J	48 J	0.5 U	0.05 J
SPLP MOTOR OIL	mg/L	NE	0.5	1	0.06 J	10 J	6 J	0.5 U	0.05 J
Pesticides									
4,4'-DDD	µg/kg	NE	2 J	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
4,4'-DDE	µg/kg	NE	2.4 U	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
4,4'-DDT	µg/kg	NE	2.4 U	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
ALDRIN	µg/kg	NE	1.2 U	5.9 U	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
ALPHA-BHC	µg/kg	NE	1.2 U	5.9 U	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
ALPHA-CHLORDANE	µg/kg	NE	1.2 U	5.9 U	1.1 U	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.2 U	5.9 U	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
CHLORDANE	µg/kg	NE	NA	NA	NA	300 U	310 U	63 U	61 U
DELTA-BHC	µg/kg	NE	1.2 UJ	5.9 UJ	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
DIELDRIN	µg/kg	NE	2.4 U	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
ENDOSULFAN I	µg/kg	NE	1.2 U	5.9 U	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
ENDOSULFAN II	µg/kg	NE	2.4 U	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
ENDOSULFAN SULFATE	µg/kg	NE	6 U	29 U	5.5 U	30 U	31 U	6.3 U	6.1 U
ENDRIN	µg/kg	NE	2.4 U	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
ENDRIN ALDEHYDE	µg/kg	NE	2.4 U	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
ENDRIN KETONE	µg/kg	NE	2.4 U	12 U	2.2 U	12 U	12 U	2.5 U	2.4 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.2 U	5.9 U	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
GAMMA-CHLORDANE	µg/kg	NE	1.2 U	5.9 U	1.1 U	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.2 U	5.9 U	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.2 U	5.9 U	1.1 U	6.1 U	6.1 U	1.3 U	1.2 U
METHOXYCHLOR	µg/kg	NE	12 U	59 U	11 UJ	61 UJ	61 UJ	13 U	12 U
TOXAPHENE	µg/kg	NE	120 U	590 U	110 U	610 U	610 U	130 U	120 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1891	0002-1892	0002-1893	0002-2139	0002-2140	0002-2165	0002-2166
Sample Location			J0 Floor	J1 Floor	M1 Floor	J4 Floor	J7 Floor	M4 Floor	M7 Floor
Sample Date			12/7/2000	12/7/2000	12/7/2000	2/22/2001	2/22/2001	3/1/2001	3/1/2001
Analyte	Units	Cleanup Goals							
Polychlorinated Biphenyls									
AROCLOR 1016	µg/kg	NE	60 U	59 U	55 U	61 U	61 U	63 U	61 U
AROCLOR 1221	µg/kg	NE	120 U	120 U	110 U	120 U	120 U	130 U	120 U
AROCLOR 1232	µg/kg	NE	60 U	59 U	55 U	61 U	61 U	63 U	61 U
AROCLOR 1242	µg/kg	NE	60 U	59 U	55 U	61 U	61 U	63 U	61 U
AROCLOR 1248	µg/kg	NE	60 U	59 U	55 U	61 U	61 U	63 U	61 U
AROCLOR 1254	µg/kg	NE	30 U	29 U	28 U	30 U	31 U	31 U	30 U
AROCLOR 1260	µg/kg	NE	30 U	29 U	28 U	30 U	31 U	31 U	30 U
Volatile Organic Compounds									
1,1,1-TRICHLOROETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 U	610 U	6.3 U	6.1 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 U	610 U	6.3 U	6.1 U
1,1-DICHLOROETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
1,1-DICHLOROETHENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
1,2-DICHLOROETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
1,2-DICHLOROPROPANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
2-BUTANONE	µg/kg	NE	140 U	3 J	55000 U	530 J	12000 U	130 U	120 U
2-HEXANONE	µg/kg	NE	70 U	48 U	28000 U	6100 UJ	6100 U	63 U	61 U
4-METHYL-2-PENTANONE	µg/kg	NE	70 U	0.4 J	28000 U	6100 UJ	6100 U	63 U	61 U
ACETONE	µg/kg	NE	140 U	96 U	3700 J	12000 UJ	12000 U	130 U	120 U
BENZENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
BROMODICHLOROMETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
BROMOFORM	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
BROMOMETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
CARBON DISULFIDE	µg/kg	NE	7 U	0.9 J	2800 U	610 UJ	610 U	6.3 U	6.1 U
CARBON TETRACHLORIDE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
CHLOROBENZENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
CHLOROETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
CHLOROFORM	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
CHLOROMETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
DIBROMOCHLOROMETHANE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
ETHYLBENZENE	µg/kg	NE	7 U	4.8 U	2800 U	190 J	280 J	6.3 U	6.1 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	14 U	9.6 U	5500 U	1200 UJ	1200 U	13 U	12 U
METHYLENE CHLORIDE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
STYRENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
TETRACHLOROETHENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
TOLUENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	50 J	6.3 U	6.1 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
TRICHLOROETHENE	µg/kg	NE	7 U	4.8 U	2800 U	61 J	610 U	6.3 U	6.1 U
VINYL ACETATE	µg/kg	NE	70 U	48 U	28000 U	6100 UJ	6100 U	63 U	61 U
VINYL CHLORIDE	µg/kg	NE	7 U	4.8 U	2800 U	610 UJ	610 U	6.3 U	6.1 U
XYLENES (TOTAL)	µg/kg	NE	21 U	14 U	8300 U	1800 UJ	160 J	19 U	18 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1891	0002-1892	0002-1893	0002-2139	0002-2140	0002-2165	0002-2166
Sample Location			J0 Floor	J1 Floor	M1 Floor	J4 Floor	J7 Floor	M4 Floor	M7 Floor
Sample Date			12/7/2000	12/7/2000	12/7/2000	2/22/2001	2/22/2001	3/1/2001	3/1/2001
Analyte	Units	Cleanup Goals							
Semivolatile Organic Compounds									
1 2 4-TRICHLOROBENZENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
1 2-DICHLOROBENZENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
1 3-DICHLOROBENZENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
1 4-DICHLOROBENZENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	1900 U	19000 U	1800 U	7800 U	7800 U	2000 U	1900 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2 4-DICHLOROPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2 4-DIMETHYLPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2 4-DINITROPHENOL	µg/kg	NE	1900 U	19000 U	1800 U	7800 U	7800 U	2000 UJ	1900 UJ
2 4-DINITROTOLUENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2 6-DINITROTOLUENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	660	400 U
2-CHLORONAPHTHALENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2-CHLOROPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2-METHYLPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
2-NITROANILINE	µg/kg	NE	1900 U	19000 U	1800 U	7800 U	7800 U	2000 U	1900 U
2-NITROPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	400 U	3900 U	360 U	2200 U	2200 U	490 U	470 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
3-NITROANILINE	µg/kg	NE	1900 U	19000 U	1800 U	7800 U	7800 U	2000 U	1900 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1900 U	19000 U	1800 U	7800 U	7800 U	2000 U	1900 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
4-CHLOROANILINE	µg/kg	NE	400 U	3900 U	360 U	2200 U	2200 U	950 U	920 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
4-NITROANILINE	µg/kg	NE	1900 U	19000 U	1800 U	7800 U	7800 U	2000 U	1900 U
4-NITROPHENOL	µg/kg	NE	1900 U	19000 U	1800 U	7800 U	7800 U	2000 U	1900 U
ACENAPHTHENE	µg/kg	NE	30 U	690	28 U	120 U	310 U	31 U	30 U
ACENAPHTHYLENE	µg/kg	NE	30 U	290 U	28 U	120 U	310 U	31 U	30 U
ANTHRACENE	µg/kg	6100	30 U	310	28 U	210	140 J	31 U	30 U
BENZ[A]ANTHRACENE	µg/kg	560	30 U	290 U	28 U	120 U	310 U	31 U	30 U
BENZO[A]PYRENE	µg/kg	56	30 U	290 U	28 U	120 U	310 U	31 U	30 U
BENZO[B]FLUORANTHENE	µg/kg	560	30 U	290 U	28 U	120 U	310 U	31 U	30 U
BENZO[G H I]PERYLENE	µg/kg	NE	30 U	290 U	28 U	120 U	310 U	31 U	30 U
BENZO[K]FLUORANTHENE	µg/kg	610	30 U	290 U	28 U	120 U	310 U	31 U	30 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
CHRYSENE	µg/kg	6100	70	290 J	28 U	320	270 J	31 U	30 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	30 U	290 U	28 U	120 U	310 U	31 U	30 U
DIBENZOFURAN	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
DIETHYL PHTHALATE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
DIMETHYL PHTHALATE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
FLUORANTHENE	µg/kg	NE	30 U	290 U	28 U	52 J	98 J	31 U	30 U
FLUORENE	µg/kg	NE	30 U	2100	28 U	1700	1100	31 U	30 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number			0002-1891	0002-1892	0002-1893	0002-2139	0002-2140	0002-2165	0002-2166
Sample Location			J0 Floor	J1 Floor	M1 Floor	J4 Floor	J7 Floor	M4 Floor	M7 Floor
Sample Date			12/7/2000	12/7/2000	12/7/2000	2/22/2001	2/22/2001	3/1/2001	3/1/2001
Analyte	Units	Cleanup Goals							
HEXACHLOROBENZENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
HEXACHLOROBUTADIENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	400 U	3900 U	360 U	2700 U	2800 U	490 U	470 U
HEXACHLOROETHANE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	30 U	290 U	28 U	120 U	310 U	31 U	30 U
NAPHTHALENE	µg/kg	NE	30 U	860	28 U	620	1800	31 U	30 U
NITROBENZENE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	400 U	3900 U	360 U	1900 U	1900 U	770 U	740 U
PENTACHLOROPHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	560 U	540 U
PHENANTHRENE	µg/kg	NE	30 U	1600	28 U	520	1200	31 U	30 U
PHENOL	µg/kg	NE	400 U	3900 U	360 U	1600 U	1600 U	420 U	400 U
PYRENE	µg/kg	NE	120	330	28 U	530	280 J	31 U	30 U
Organotin									
DIBUTYLTIN	µg/kg	NE	18 U	180 U	17 U	20	6 1 U	6 3 U	6 1 U
MONOBUTYLTIN	µg/kg	NE	18 U	180 U	17 U	6 1 U	6 1 U	6.3 U	6 1 U
TETRABUTYLTIN	µg/kg	NE	18 U	180 U	17 U	6	6 1 U	6 3 U	6 1 U
TRIBUTYLTIN	µg/kg	NE	18 U	180 U	17 U	6.1 U	6.1 U	6.3 U	6.1 U
Dioxins and Furans									
1 2 3 4 6,7 8 9-OCDD	pg/g	NE	2 J	1080	80.8 J	40.2 U	29 3 U	5 1 U	2 4 U
1,2 3 4 6 7 8 9-OCDF	pg/g	NE	1 U	1 3 J	20 9 UJ	31 4 U	21 9 U	3 8 U	1 8 U
1 2 3 4 6 7 8-HPCDD	pg/g	NE	0 44 J	784	11 3 UJ	16 6 U	15.4 U	2 5 U	1 1 U
1 2 3 4 6 7 8-HPCDF	pg/g	NE	1 2 J	7 1 J	5 3 U	9 7 U	9 9 U	1.7 U	0 6 U
1 2 3 4 7 8 9-HPCDF	pg/g	NE	0 6 U	0 67 J	7 4 U	12 1 U	12 3 U	2 1 U	0 8 U
1 2 3 4 7 8-HXCDD	pg/g	NE	0 5 U	59 1	4 6 UJ	6 7 U	8 5 U	1 3 U	0 5 U
1,2 3 4 7 8-HXCDF	pg/g	NE	0 95 J	8 2 J	2 7 U	4 1 U	5 9 U	0.8 U	0 3 U
1 2 3 6 7 8-HXCDD	pg/g	NE	0 5 U	116	4 8 UJ	6.8 U	8 5 U	1 3 U	0 5 U
1 2 3 6,7,8-HXCDF	pg/g	NE	0 36 J	3 1 J	2 7 U	3.9 U	5 6 U	0.8 U	0 3 U
1,2,3,7 8 9-HXCDD	pg/g	NE	0 5 U	106	4 4 UJ	6 1 U	8 3 U	1.3 U	0.5 U
1 2 3 7 8 9-HXCDF	pg/g	NE	0 4 U	0 2 U	3 5 U	4 7 U	7 3 U	1 U	0 4 U
1 2 3 7,8-PECDD	pg/g	NE	0 5 U	57 1	2 3 UJ	3 4 U	5 2 U	1 1 U	0 5 U
1,2,3 7,8-PECDF	pg/g	NE	0 3 U	6 2	1 8 U	2 U	3 4 U	0 7 U	0 3 U
2 3 4 6 7 8-HXCDF	pg/g	NE	0 31 J	4 4 J	3 U	4 2 U	6 2 U	0 8 U	0 3 U
2 3 4 7 8-PECDF	pg/g	NE	0 37 J	4 3 J	1 8 U	2 U	3 4 U	0 7 U	0 3 U
2 3,7,8-TCDD	pg/g	NE	0 4 U	14 7	1 4 UJ	1 6 U	3 U	0.7 U	0 3 U
2 3 7 8-TCDF	pg/g	NE	0 65 J	12.9	1 1 UJ	1 1 U	2 5 U	0 4 U	0.2 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	4.30E-07	8.57E-05	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Radiochemistry									
GROSS ALPHA	pCi/g	NE	3 1 J	2 5 J	-2 4 J	5 7 J	5 1 J	6 2 J	5 J
GROSS BETA	pCi/g	NE	12 J	13 J	12 J	10 3	14 1	13 2	16 3
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 2B

Sample Number Sample Location Sample Date			0002-1891 J0 Floor 12/7/2000	0002-1892 J1 Floor 12/7/2000	0002-1893 M1 Floor 12/7/2000	0002-2139 J4 Floor 2/22/2001	0002-2140 J7 Floor 2/22/2001	0002-2165 M4 Floor 3/1/2001	0002-2166 M7 Floor 3/1/2001
Analyte	Units	Cleanup Goals							
BISMUTH-214	pCi/g	NE	0.81	0.55	0.3	NA	NA	NA	NA
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	NA	0.021 U	-0.007 U	0.006 U	-0.013 U
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0.52	0.52	0.28	0.25	NA	0.32	0.41
LEAD-214	pCi/g	NE	0.88	0.46	0.34	NA	0.218	0.34	0.4
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	15	14	13	9.1	9.9	11.3	11.2
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0.19	0.24	0.12	NA	NA	NA	NA
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2076	0002-2077	0002-2144	0002-2146 (FD)	0002-2169	0002-2170	0002-2206	0002-2207 (FD)	0002-2294
Sample Location			J0 Sidewall	G0 Sidewall	G0 Floor	P5 Floor	P5 Floor	Q8 Floor	Q8 S Sidewall	D0 Floor	D0 Floor	A1 Floor
Sample Date			12/7/2000	1/31/2001	1/31/2001	2/22/2001	2/22/2001	3/8/2001	3/8/2001	3/12/2001	3/12/2001	3/27/2001
Analyte	Units	Cleanup Goals										
Metals												
HEXAVALENT CHROMIUM	mg/kg	0.2	0.4	0.21 U	0.27 U	0.2	0.2 J	0.07 J	2	0.07 J	0.2 J	0.23 U
ANTIMONY	mg/kg	NE	5.8 U	5.3 U	6.7 U	5.8 U	5.9 U	5.8 U	5.4 U	6.4 U	5.9 U	5.7 U
ARSENIC	mg/kg	9.05	2.6	1.5	2.7	1.2	1.2	1.2	1.7	2.7	2.3	2.2
BARIUM	mg/kg	NE	16.7	53.8	115	40.9	36.1	33.5	27.8	19.1 J	14.8 J	25.5
BERYLLIUM	mg/kg	NE	0.23 U	0.21 U	0.27 U	0.23 U	0.24 U	0.23 U	0.21 U	0.26 U	0.24 U	0.23 U
CADMIUM	mg/kg	NE	0.23 U	0.21 U	0.27 U	0.23 U	0.24 U	0.23 U	0.21 U	0.26 U	0.24 U	0.23 U
CHROMIUM	mg/kg	NE	5.2	8.5	17.2	8.7	7.2	6.3	7.6	6.6	5.5	4.8
COBALT	mg/kg	NE	3.1	5.7	10.1	3.8	3.1	3.2	2.9	2.7	2.5	4
COPPER	mg/kg	NE	2.2	5.2	9.4	4.7	4.8	5.5 J	23.4 J	4.4	3.1	2.7 J
LEAD	mg/kg	130	0.86	0.83	1.6	1.2	1.2	1.6	5.6	12.5	4.1	0.98
MERCURY	mg/kg	NE	0.23 U	0.21 U	0.27 U	0.23 U	0.037 J	0.26	0.64	0.06 J	0.24 U	0.23 U
MOLYBDENUM	mg/kg	NE	0.23 U	0.21 U	0.27 U	0.23 U	0.24 U	0.23 U	0.21 U	0.26 U	0.24 U	0.23 U
NICKEL	mg/kg	NE	1.9	3.8	6.2	2.6	2.7	2.2 J	2.8 J	2.1	2	2.1
SELENIUM	mg/kg	NE	0.58 U	0.53 U	0.67 U	0.58 U	0.59 U	0.58 U	0.54 U	0.64 U	0.59 U	0.57 U
SILVER	mg/kg	NE	0.58 U	0.53 U	0.67 U	0.58 U	0.59 U	0.58 U	0.54 U	0.64 U	0.59 U	0.57 U
THALLIUM	mg/kg	NE	0.58 U	0.53 U	0.67 U	0.58 U	0.59 U	0.58 U	0.54 U	0.64 U	0.59 U	0.57 U
VANADIUM	mg/kg	NE	11.6	26.7	57.6	32.2	31.4	25.3	20.4	15.5	12	15.8
ZINC	mg/kg	NE	9.1	14.7	30.5	11.7	11.1	10.2 J	25.6 J	21.3 J	14.5 J	10.5 J
Total Petroleum Hydrocarbons												
DIESEL	mg/kg	NE	14000	11 U	4500	8900	6900	12 U	6 J	12 J	2300	22
MOTOR OIL	mg/kg	NE	2200	11 U	540	1600	1200	12 U	35	7 J	690	11 U
SPLP DIESEL	mg/L	NE	150	0.5 U	2	240 J	19 J	0.5 U	0.5 U	0.4 J	0.6	0.5 U
SPLP MOTOR OIL	mg/L	NE	13 J	0.5 U	0.3 J	13 J	0.9 J	0.5 U	0.5 U	0.2 J	0.4 J	0.5 U
Pesticides												
4,4'-DDD	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
4,4'-DDE	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
4,4'-DDT	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
ALDRIN	µg/kg	NE	12 U	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
ALPHA-BHC	µg/kg	NE	12 U	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
ALPHA-CHLORDANE	µg/kg	NE	12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	12 U	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
CHLORDANE	µg/kg	NE	NA	53 U	67 U	290 U	300 U	58 U	54 U	64 U	290 U	57 U
DELTA-BHC	µg/kg	NE	12 UJ	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
DIELDRIN	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
ENDOSULFAN I	µg/kg	NE	12 U	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
ENDOSULFAN II	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
ENDOSULFAN SULFATE	µg/kg	NE	58 U	5.3 U	6.7 U	29 U	30 U	5.8 U	5.4 U	6.4 U	29 U	5.7 U
ENDRIN	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
ENDRIN ALDEHYDE	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
ENDRIN KETONE	µg/kg	NE	23 U	2.1 U	2.7 U	12 U	12 U	2.3 U	2.1 U	2.6 U	12 U	2.3 U
GAMMA-BHC (LINDANE)	µg/kg	NE	12 U	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
GAMMA-CHLORDANE	µg/kg	NE	12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	12 U	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	12 U	1.1 U	1.3 U	5.8 U	5.9 U	1.2 U	1.1 U	1.3 U	5.9 U	1.1 U
METHOXYCHLOR	µg/kg	NE	120 U	11 U	13 U	58 UJ	59 UJ	12 U	11 U	13 U	59 U	11 U
TOXAPHENE	µg/kg	NE	1200 U	110 U	130 U	580 U	590 U	120 U	110 U	130 U	590 U	110 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number Sample Location Sample Date			0002-1894 J0 Sidewall 12/7/2000	0002-2076 G0 Sidewall 1/31/2001	0002-2077 G0 Floor 1/31/2001	0002-2144 P5 Floor 2/22/2001	0002-2146 (FD) P5 Floor 2/22/2001	0002-2169 Q8 Floor 3/8/2001	0002-2170 Q8 S Sidewall 3/8/2001	0002-2206 D0 Floor 3/12/2001	0002-2207 (FD) D0 Floor 3/12/2001	0002-2294 A1 Floor 3/27/2001
Analyte	**Units**	**Cleanup Goals**										
Polychlorinated Biphenyls												
AROCLOR 1016	µg/kg	NE	58 U	53 U	67 U	58 U	59 U	58 U	54 U	64 U	59 U	57 U
AROCLOR 1221	µg/kg	NE	120 U	110 U	130 U	120 U	120 U	120 U	110 U	130 U	120 U	110 U
AROCLOR 1232	µg/kg	NE	58 U	53 U	67 U	58 U	59 U	58 U	54 U	64 U	59 U	57 U
AROCLOR 1242	µg/kg	NE	58 U	53 U	67 U	58 U	59 U	58 U	54 U	64 U	59 U	57 U
AROCLOR 1248	µg/kg	NE	58 U	53 U	67 U	58 U	59 U	58 U	54 U	64 U	59 U	57 U
AROCLOR 1254	µg/kg	NE	29 U	27 U	33 U	29 U	30 U	29 U	27 U	32 U	29 U	29 U
AROCLOR 1260	µg/kg	NE	29 U	27 U	33 U	29 U	30 U	29 U	3 J	32 U	7 J	29 U
Volatile Organic Compounds												
1 1,1-TRICHLOROETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
1 1 2,2-TETRACHLOROETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
1,1 2-TRICHLOROETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
1 1-DICHLOROETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
1 1-DICHLOROETHENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
1 2-DICHLOROETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
1,2-DICHLOROPROPANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
2-BUTANONE	µg/kg	NE	150 U	7 J	12 J	980 J	690 J	140 U	110 U	210 U	660 U	7 J
2-HEXANONE	µg/kg	NE	76 U	56 U	85 U	12000 U	5900 U	70 U	53 U	100 U	330 U	57 U
4-METHYL-2-PENTANONE	µg/kg	NE	76 U	56 U	85 U	12000 U	5900 U	70 U	53 U	100 U	330 U	57 U
ACETONE	µg/kg	NE	33 J	16 J	40 J	23000 U	12000 U	140 U	110 U	210 U	660 U	35 J
BENZENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
BROMODICHLOROMETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
BROMOFORM	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
BROMOMETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
CARBON DISULFIDE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	1 J
CARBON TETRACHLORIDE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
CHLOROBENZENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
CHLOROETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
CHLOROFORM	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
CHLOROMETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
DIBROMOCHLOROMETHANE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
ETHYLBENZENE	µg/kg	NE	7.6 U	5.6 U	2 J	510 J	440 J	7 U	5.3 U	10 U	33 U	5.7 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	15 U	11 U	17 U	2300 U	1200 U	14 U	11 U	21 U	66 U	0.9 J
METHYLENE CHLORIDE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	7 J	19 J	3 J
STYRENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
TETRACHLOROETHENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
TOLUENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	2 J
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
TRICHLOROETHENE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
VINYL ACETATE	µg/kg	NE	76 U	56 U	85 U	12000 U	5900 U	70 U	53 U	100 U	330 U	57 U
VINYL CHLORIDE	µg/kg	NE	7.6 U	5.6 U	8.5 U	1200 U	590 U	7 U	5.3 U	10 U	33 U	5.7 U
XYLENES (TOTAL)	µg/kg	NE	23 U	17 U	25 U	3500 U	1800 U	21 U	16 U	31 U	99 U	2 J

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number			0002-1894	0002-2076	0002-2077	0002-2144	0002-2146 (FD)	0002-2169	0002-2170	0002-2206	0002-2207 (FD)	0002-2294
Sample Location			J0 Sidewall	G0 Sidewall	G0 Floor	P5 Floor	P5 Floor	Q8 Floor	Q8 S Sidewall	D0 Floor	D0 Floor	A1 Floor
Sample Date			12/7/2000	1/31/2001	1/31/2001	2/22/2001	2/22/2001	3/8/2001	3/8/2001	3/12/2001	3/12/2001	3/27/2001
Analyte	Units	Cleanup Goals										
Semivolatile Organic Compounds												
1 2 4-TRICHLOROBENZENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
1 2-DICHLOROBENZENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
1 3-DICHLOROBENZENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
1 4-DICHLOROBENZENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2 4,5-TRICHLOROPHENOL	µg/kg	NE	7400 U	1700 U	2100 U	7400 U	7600 U	1900 U	1700 U	8200 U	7500 U	1800 U
2 4,6-TRICHLOROPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2 4-DICHLOROPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2 4-DIMETHYLPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2 4-DINITROPHENOL	µg/kg	NE	7400 U	1700 U	2100 U	7400 U	7600 U	1900 U	1700 U	8200 U	7500 U	1800 U
2 4-DINITROTOLUENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2 6-DINITROTOLUENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2-CHLORONAPHTHALENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2-CHLOROPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2-METHYLPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
2-NITROANILINE	µg/kg	NE	7400 U	1700 U	2100 U	7400 U	7600 U	1900 U	1700 U	8200 U	7500 U	1800 U
2-NITROPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
3 3 -DICHLOROBENZIDINE	µg/kg	NE	1500 U	350 U	440 U	2100 U	2100 U	380 U	350 U	2000 U	1800 U	450 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
3-NITROANILINE	µg/kg	NE	7400 U	1700 U	2100 U	7400 U	7600 U	1900 U	1700 U	8200 U	7500 U	1800 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	7400 U	1700 U	2100 U	7400 U	7600 U	1900 U	1700 U	8200 U	7500 U	1800 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
4-CHLOROANILINE	µg/kg	NE	1500 U	720 U	900 U	2100 U	2100 U	380 U	350 U	3900 U	3600 U	860 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
4-NITROANILINE	µg/kg	NE	7400 U	1700 U	2100 U	7400 U	7600 U	1900 UJ	1700 UJ	8200 U	7500 U	1800 U
4-NITROPHENOL	µg/kg	NE	7400 U	1700 U	2100 U	7400 U	7600 UJ	1900 U	1700 U	8200 U	7500 U	1800 U
ACENAPHTHENE	µg/kg	NE	1800	27 U	33 U	580 U	590 U	29 U	27 U	15 J	480	29 U
ACENAPHTHYLENE	µg/kg	NE	290 U	27 U	33 U	580 U	590 U	29 U	27 U	13 J	420	29 U
ANTHRACENE	µg/kg	6100	560	27 U	33 U	290 J	360 J	29 U	27 U	13 J	200 J	29 U
BENZ[A]ANTHRACENE	µg/kg	560	290 U	27 U	33 U	580 U	590 U	29 U	27 U	120	140 J	29 U
BENZO[A]PYRENE	µg/kg	56	290 U	27 U	33 U	580 U	590 U	29 U	27 U	110	290 U	29 U
BENZO[B]FLUORANTHENE	µg/kg	560	290 U	27 U	33 U	580 U	590 U	29 U	27 U	190	290 U	29 U
BENZO[G H,I]PERYLENE	µg/kg	NE	290 U	27 U	33 U	580 U	590 U	29 U	27 U	40	290 U	29 U
BENZO[K]FLUORANTHENE	µg/kg	610	290 U	27 U	33 U	580 U	590 U	29 U	27 U	20 J	290 U	29 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 UJ	840 J	380 U
CHRYSENE	µg/kg	6100	350	27 U	21 J	560 J	580 J	29 U	27 U	110	140 J	29 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	290 U	27 U	33 U	580 U	590 U	29 U	27 U	37	290 U	29 U
DIBENZOFURAN	µg/kg	NE	1500 U	NA	NA	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
DIETHYL PHTHALATE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
DIMETHYL PHTHALATE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 UJ	1600 U	380 U
FLUORANTHENE	µg/kg	NE	290 U	27 U	33 U	580 U	590 U	29 U	27 U	98	140 J	29 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number Sample Location Sample Date			0002-1894 J0 Sidewall 12/7/2000	0002-2076 G0 Sidewall 1/31/2001	0002-2077 G0 Floor 1/31/2001	0002-2144 P5 Floor 2/22/2001	0002-2146 (FD) P5 Floor 2/22/2001	0002-2169 Q8 Floor 3/8/2001	0002-2170 Q8 S Sidewall 3/8/2001	0002-2206 D0 Floor 3/12/2001	0002-2207 (FD) D0 Floor 3/12/2001	0002-2294 A1 Floor 3/27/2001
Analyte	**Units**	**Cleanup Goals**										
FLUORENE	µg/kg	NE	5400	27 U	88	3000	3200	29 U	27 U	30 J	950	29 U
HEXACHLOROBENZENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
HEXACHLOROBUTADIENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	1500 U	480 U	610 U	2600 U	2700 U	380 U	350 U	2000 U	1800 U	440 U
HEXACHLOROETHANE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	290 U	27 U	33 U	580 U	590 U	29 U	27 U	39	290 U	29 U
NAPHTHALENE	µg/kg	NE	12700	27 U	190	10000	9800	29 U	27 U	32 U	260 J	29 U
NITROBENZENE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	1500 U	450 U	570 U	1800 U	1900 U	380 U	350 U	3100 U	2900 U	700 U
PENTACHLOROPHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	410 U	380 U	2300 UJ	2100 UJ	510 U
PHENANTHRENE	µg/kg	NE	5400	27 U	170	3300	3400	29 U	27 U	45	1200	29 U
PHENOL	µg/kg	NE	1500 U	350 U	440 U	1500 U	1600 U	380 U	350 U	1700 U	1600 U	380 U
PYRENE	µg/kg	NE	490	27 U	16 J	480 J	440 J	29 U	27 U	110	250 J	29 U
Organotin												
DIBUTYLTIN	µg/kg	NE	170 U	16 U	20 U	20 J	5 9 U	12 U	11 U	13 U	12 R	11 U
MONOBUTYLTIN	µg/kg	NE	170 U	16 U	20 U	5 8 U	5.9 U	12 U	11 U	13 U	12 R	11 U
TETRABUTYLTIN	µg/kg	NE	170 U	16 U	20 U	5 8 U	21	12 U	11 U	13 U	12 R	11 U
TRIBUTYLTIN	µg/kg	NE	170 U	16 U	20 U	5.8 U	5.9 U	12 U	11 U	13 U	12 R	11 U
Dioxins and Furans												
1 2 3 4 6 7 8 9-OCDD	pg/g	NE	2 9 U	2 4 J	2 8 J	4 7 U	8 8 J	15 6 J	17 J	184	613	1 6 J
1 2,3,4 6 7 8 9-OCDF	pg/g	NE	2 1 U	0 7 UJ	0 4 UJ	3 5 U	3 8 U	0 5 U	0 98 J	29 6 U	22 3	0 9 J
1 2 3 4 6 7,8-HPCDD	pg/g	NE	1 8 U	0 4 U	0 32 J	2 2 U	2 2 U	2 J	2 4 J	20 7 U	122	0 35 J
1 2 3 4,6 7 8-HPCDF	pg/g	NE	1 2 J	0 3 U	0 2 U	1 3 U	1 4 U	0.74 J	0 94 J	11 5 U	3 1 J	0 48 J
1,2,3 4 7 8 9-HPCDF	pg/g	NE	1 4 U	0 3 UJ	0 2 UJ	1 6 U	1 7 U	0 3 U	0 2 U	14 4 U	0 4 U	0 2 U
1 2 3 4 7,8-HXCDD	pg/g	NE	1 2 U	0 2 U	0 1 U	1 1 U	1 2 U	0 2 U	0 2 U	10 4 U	0 3 U	0 1 U
1 2,3,4,7,8-HXCDF	pg/g	NE	0.99 J	0 2 U	0 14 J	0 7 U	0 8 U	0 23 J	0 22 J	7 1 U	0 2 U	0 16 J
1,2,3 6 7 8-HXCDD	pg/g	NE	1 1 U	0 2 U	0.1 U	1 1 U	1 2 U	0 2 U	0 2 U	10 5 U	2 4 J	0 18 J
1 2 3 6 7,8-HXCDF	pg/g	NE	0.74 J	0 2 U	0 1 U	0.6 U	0 8 U	0 1 U	0 1 U	6 8 U	0 2 U	0 16 J
1 2 3 7,8,9-HXCDD	pg/g	NE	1 2 U	0 2 U	0.1 U	1 1 U	1 2 U	0 2 U	0 2 U	9 5 U	0 3 U	0 1 U
1 2,3,7 8 9-HXCDF	pg/g	NE	1 UJ	0 2 U	0 1 U	0 8 U	1 U	0 2 U	0 1 U	8 2 U	0 2 U	0 1 U
1 2,3 7 8-PECDD	pg/g	NE	1 UJ	0 2 U	0 1 U	0 7 U	0 7 U	0 2 U	0 1 U	5 9 U	0 2 U	0 1 U
1 2 3 7 8-PECDF	pg/g	NE	0 8 UJ	0 2 U	0 18 J	0 4 U	0 4 U	0 1 U	0 1 U	4 3 U	0 1 U	0 16 J
2 3 4,6,7 8-HXCDF	pg/g	NE	0 8 UJ	0 2 U	0 1 U	0 7 U	0 9 U	0 1 U	0 23 J	7 4 U	0 2 U	0 1 U
2 3 4,7 8-PECDF	pg/g	NE	0 8 UJ	0 2 UJ	0 09 U	0 4 U	0 4 U	0 1 U	0 1 U	4 2 U	0 1 U	0 1 U
2 3 7 8-TCDD	pg/g	NE	1 UJ	0 2 U	0 1 U	0 5 U	0 5 U	0 2 U	0 1 U	3 7 U	0 2 U	0 09 U
2 3 7 8-TCDF	pg/g	NE	0 6 UJ	0 2 U	0 1 U	0 3 U	0 3 U	0 1 U	0 14 J	2 5 U	0 1 U	0 25 J
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	1.85E-07	2.40E-09	2.90E-08	0.00E+00	8.80E-09	6.60E-08	1.10E-07	1.84E-07	2.13E-06	9.38E-08
Radiochemistry												
GROSS ALPHA	pCi/g	NE	3 4 J	7 J	8 4 J	8 8 J	4 J	5.8 J	9.2 J	5 3 J	3 1 U	5 8
GROSS BETA	pCi/g	NE	10 J	16	21	12 4	13 6	14 5	12 9	12 4	13 5	14 2
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	0 3 J	0.65 J	NA	NA	NA	NA	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 3

Sample Number Sample Location Sample Date			0002-1894 J0 Sidewall 12/7/2000	0002-2076 G0 Sidewall 1/31/2001	0002-2077 G0 Floor 1/31/2001	0002-2144 P5 Floor 2/22/2001	0002-2146 (FD) P5 Floor 2/22/2001	0002-2169 Q8 Floor 3/8/2001	0002-2170 Q8 S Sidewall 3/8/2001	0002-2206 D0 Floor 3/12/2001	0002-2207 (FD) D0 Floor 3/12/2001	0002-2294 A1 Floor 3/27/2001
Analyte	Units	Cleanup Goals										
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	NE	0 47	0 31 J	0.67 J	NA	NA	NA	NA	NA	NA	NA
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	NA	NA	NA	0 012 U	-0 003 U	-0 009 U	-0 024 U	-0 013 U	0 005 U	-0 052 U
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0 52	0.28 J	0 7 J	0.277	0.28	0 3	0 3	NA	NA	NA
LEAD-214	pCi/g	NE	0 41	0.35 J	0.64 J	0 28	NA	0 3	0 3	NA	NA	NA
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	13	9.7 J	11 J	12 1	12.1	11.2	12.5	10.5	9.6	12.2
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	0.2	0.093 J	0.22 J	NA	NA	NA	NA	NA	NA	NA
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number Sample Location Sample Date			0002-1995 M0 Floor 1/9/2001	0002-1996 M0 Sidewall 1/9/2001	0002-1997 O1 Sidewall 1/9/2001	0002-1998 O1 Floor 1/9/2001	0002-2145 P5 Sidewall 2/22/2001
Analyte	**Units**	**Cleanup Goals**					
Metals							
HEXAVALENT CHROMIUM	mg/kg	0.2	0.65 U	0.95 U	0.55 U	0.64 U	0.2 J
ANTIMONY	mg/kg	NE	6.5 U	9.5 U	5.5 U	6.4 U	5.8 U
ARSENIC	mg/kg	9.05	2.7	6	2.1	3.6	1.7
BARIUM	mg/kg	NE	164	131	51.9	158	34.4
BERYLLIUM	mg/kg	NE	0.26 U	0.38 U	0.22 U	0.25 U	0.23 U
CADMIUM	mg/kg	NE	0.26 U	0.38 U	0.22 U	0.25 U	0.23 U
CHROMIUM	mg/kg	NE	21.5	25	9	24.5	9.4
COBALT	mg/kg	NE	13.8	9.7	5.2	18.4	3.8
COPPER	mg/kg	NE	17	15.9	7.5	27.1	32.1
LEAD	mg/kg	130	3.7	4	16.8	6.8	6.1
MERCURY	mg/kg	NE	0.26 U	0.38 U	0.038 J	0.064 J	0.046 J
MOLYBDENUM	mg/kg	NE	0.26 U	0.38 U	0.22 U	0.25 U	0.23 U
NICKEL	mg/kg	NE	9.1	10.5	3.7	13	3.4
SELENIUM	mg/kg	NE	0.65 U	0.95 U	0.55 U	0.64 U	0.58 U
SILVER	mg/kg	NE	0.65 U	0.95 U	0.55 U	0.64 U	0.58 U
THALLIUM	mg/kg	NE	0.65 U	0.95 U	0.55 U	0.64 U	0.58 U
VANADIUM	mg/kg	NE	69.9	101	28.7	74.1	34.7
ZINC	mg/kg	NE	46	30	18.5	55.7	25.4
Total Petroleum Hydrocarbons							
DIESEL	mg/kg	NE	4 J	19 U	20	9000	370
MOTOR OIL	mg/kg	NE	13 U	19 U	57	1200	88
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	0.05 J	12	90 J
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.5 U	0.02 J	2 J	3 J
Pesticides							
4,4'-DDD	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
4,4'-DDE	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
4,4'-DDT	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
ALDRIN	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
ALPHA-BHC	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
CHLORDANE	µg/kg	NE	65 U	95 U	55 U	64 U	290 U
DELTA-BHC	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
DIELDRIN	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
ENDOSULFAN I	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
ENDOSULFAN II	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
ENDOSULFAN SULFATE	µg/kg	NE	6.5 U	9.5 U	5.5 U	6.4 U	29 U
ENDRIN	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
ENDRIN ALDEHYDE	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
ENDRIN KETONE	µg/kg	NE	2.6 U	3.8 U	2.2 U	2.5 U	12 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.3 U	1.9 U	1.1 U	1.3 U	5.8 U
METHOXYCHLOR	µg/kg	NE	13 U	19 U	11 U	13 U	58 UJ
TOXAPHENE	µg/kg	NE	130 U	190 U	110 U	130 U	580 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number Sample Location Sample Date			0002-1995 M0 Floor 1/9/2001	0002-1996 M0 Sidewall 1/9/2001	0002-1997 O1 Sidewall 1/9/2001	0002-1998 O1 Floor 1/9/2001	0002-2145 P5 Sidewall 2/22/2001
Analyte	**Units**	**Cleanup Goals**					
Polychlorinated Biphenyls							
AROCLOR 1016	µg/kg	NE	65 U	95 U	55 U	64 U	58 U
AROCLOR 1221	µg/kg	NE	130 U	190 U	110 U	130 U	120 U
AROCLOR 1232	µg/kg	NE	65 U	95 U	55 U	64 U	58 U
AROCLOR 1242	µg/kg	NE	65 U	95 U	55 U	64 U	58 U
AROCLOR 1248	µg/kg	NE	65 U	95 U	55 U	64 U	58 U
AROCLOR 1254	µg/kg	NE	32 U	48 U	27 U	32 U	29 U
AROCLOR 1260	µg/kg	NE	32 U	48 U	27 U	32 U	29 U
Volatile Organic Compounds							
1,1,1-TRICHLOROETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
1,1-DICHLOROETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
1,1-DICHLOROETHENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
1,2-DICHLOROETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
1,2-DICHLOROPROPANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
2-BUTANONE	µg/kg	NE	170 U	170 U	110 U	64000 U	640 J
2-HEXANONE	µg/kg	NE	83 U	83 U	56 U	32000 U	5800 U
4-METHYL-2-PENTANONE	µg/kg	NE	83 U	83 U	56 U	32000 U	5800 U
ACETONE	µg/kg	NE	170 U	170 U	110 U	64000 U	12000 U
BENZENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
BROMODICHLOROMETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
BROMOFORM	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
BROMOMETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
CARBON DISULFIDE	µg/kg	NE	2 J	8.3 U	5.6 U	3200 U	580 U
CARBON TETRACHLORIDE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
CHLOROBENZENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
CHLOROETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
CHLOROFORM	µg/kg	NE	10 J	9 J	5.6 U	3200 U	580 U
CHLOROMETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
DIBROMOCHLOROMETHANE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
ETHYLBENZENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	17 U	17 U	1 J	6400 U	1200 U
METHYLENE CHLORIDE	µg/kg	NE	8.3 U	8.3 U	6 J	3200 U	580 U
STYRENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
TETRACHLOROETHENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
TOLUENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
TRICHLOROETHENE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
VINYL ACETATE	µg/kg	NE	83 U	83 U	56 U	32000 U	5800 U
VINYL CHLORIDE	µg/kg	NE	8.3 U	8.3 U	5.6 U	3200 U	580 U
XYLENES (TOTAL)	µg/kg	NE	25 U	25 U	17 U	9600 U	1700 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number			0002-1995	0002-1996	0002-1997	0002-1998	0002-2145
Sample Location			M0 Floor	M0 Sidewall	O1 Sidewall	O1 Floor	P5 Sidewall
Sample Date			1/9/2001	1/9/2001	1/9/2001	1/9/2001	2/22/2001
Analyte	Units	Cleanup Goals					
Semivolatile Organic Compounds							
1,2,4-TRICHLOROBENZENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
1,2-DICHLOROBENZENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
1,3-DICHLOROBENZENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
1,4-DICHLOROBENZENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	2100 U	3000 U	14000 U	8200 U	1800 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2,4-DICHLOROPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2,4-DIMETHYLPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2,4-DINITROPHENOL	µg/kg	NE	2100 U	3000 U	14000 U	8200 U	1800 U
2,4-DINITROTOLUENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2,6-DINITROTOLUENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2-CHLORONAPHTHALENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2-CHLOROPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2-METHYLPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
2-NITROANILINE	µg/kg	NE	2100 U	3000 U	14000 U	8200 U	1800 U
2-NITROPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	430 U	630 U	2900 U	1700 U	510 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
3-NITROANILINE	µg/kg	NE	2100 U	3000 U	14000 U	8200 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	2100 U	3000 U	14000 U	8200 U	1800 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
4-CHLOROANILINE	µg/kg	NE	430 U	630 U	2900 U	1700 U	510 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
4-NITROANILINE	µg/kg	NE	2100 U	3000 U	14000 U	8200 U	1800 U
4-NITROPHENOL	µg/kg	NE	2100 U	3000 U	14000 U	8200 U	1800 U
ACENAPHTHENE	µg/kg	NE	32 U	48 U	140 U	64 U	120 U
ACENAPHTHYLENE	µg/kg	NE	32 U	48 U	140 U	64 U	120 U
ANTHRACENE	µg/kg	6100	32 U	48 U	140 U	64 U	110 J
BENZ[A]ANTHRACENE	µg/kg	560	32 U	48 U	140 U	64 U	120 U
BENZO[A]PYRENE	µg/kg	56	32 U	48 U	140 U	64 U	120 U
BENZO[B]FLUORANTHENE	µg/kg	560	32 U	48 U	140 U	64 U	120 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	32 U	48 U	140 U	64 U	120 U
BENZO[K]FLUORANTHENE	µg/kg	610	32 U	48 U	140 U	64 U	120 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
CHRYSENE	µg/kg	6100	32 U	48 U	140 U	64 U	200
DIBENZ[A,H]ANTHRACENE	µg/kg	56	32 U	48 U	140 U	64 U	120 U
DIBENZOFURAN	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
DIETHYL PHTHALATE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
DIMETHYL PHTHALATE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
FLUORANTHENE	µg/kg	NE	32 U	48 U	140 U	19 J	32 J

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number Sample Location Sample Date			0002-1995 M0 Floor 1/9/2001	0002-1996 M0 Sidewall 1/9/2001	0002-1997 O1 Sidewall 1/9/2001	0002-1998 O1 Floor 1/9/2001	0002-2145 P5 Sidewall 2/22/2001
Analyte	**Units**	**Cleanup Goals**					
FLUORENE	µg/kg	NE	32 U	48 U	140 U	170	950
HEXACHLOROBENZENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
HEXACHLOROBUTADIENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	650 U
HEXACHLOROETHANE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	32 U	48 U	140 U	64 U	120 U
NAPHTHALENE	µg/kg	NE	32 U	48 U	140 U	60 J	120 U
NITROBENZENE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	430 U	630 U	2900 U	1700 U	450 U
PENTACHLOROPHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
PHENANTHRENE	µg/kg	NE	32 U	48 U	140 U	270	460
PHENOL	µg/kg	NE	430 U	630 U	2900 U	1700 U	380 U
PYRENE	µg/kg	NE	32 U	48 U	140 U	38 J	350
Organotin							
DIBUTYLTIN	µg/kg	NE	19 U	29 U	16 U	19 U	13
MONOBUTYLTIN	µg/kg	NE	19 U	29 U	16 U	19 U	5 8 U
TETRABUTYLTIN	µg/kg	NE	19 U	29 U	16 U	19 U	5 8 U
TRIBUTYLTIN	µg/kg	NE	19 U	29 U	16 U	19 U	5.8 U
Dioxins and Furans							
1 2,3,4 6,7 8 9-OCDD	pg/g	NE	1.2 J	1 1 J	2 7 J	16.2 U	208
1.2 3.4.6,7,8 9-OCDF	pg/g	NE	0 6 U	0 4 U	0 4 U	12 5 U	15 1 J
1,2.3.4 6.7.8-HPCDD	pg/g	NE	0 4 U	0 3 U	0 5 J	8 8 U	28 4
1 2,3.4 6,7,8-HPCDF	pg/g	NE	0 2 U	0.2 U	0 2 U	5.3 U	6.1
1,2 3 4.7 8 9-HPCDF	pg/g	NE	0 3 U	0 2 U	0 3 U	7 3 U	0 8 U
1 2 3.4.7 8-HXCDD	pg/g	NE	0 2 U	0 2 U	0 3 U	4 5 U	0 5 U
1.2.3,4 7.8-HXCDF	pg/g	NE	0.1 U	0.1 U	0.2 U	4 2 U	0 3 U
1.2.3 6 7.8-HXCDD	pg/g	NE	0 2 U	0 2 U	0 3 U	4 4 U	0 5 U
1 2,3 6,7 8-HXCDF	pg/g	NE	0 1 U	0 1 U	0 2 U	4 U	0.3 U
1.2 3.7 8 9-HXCDD	pg/g	NE	0 2 U	0 2 U	0 3 U	4 4 U	0 5 U
1.2 3.7 8 9-HXCDF	pg/g	NE	0 2 U	0 2 U	0.2 U	5 4 U	0 4 U
1.2,3,7 8-PECDD	pg/g	NE	0 2 U	0 3 U	0 3 U	2 3 U	0 4 U
1,2 3 7.8-PECDF	pg/g	NE	0 2 U	0 2 U	0 2 U	1.7 U	0 2 U
2 3.4 6.7 8-HXCDF	pg/g	NE	0 1 U	0 2 U	0 2 U	4 5 U	0 3 U
2.3.4,7 8-PECDF	pg/g	NE	0.2 U	0 2 U	0.2 U	1 7 U	0.2 U
2.3.7 8-TCDD	pg/g	NE	0 2 U	0 2 U	0 2 U	1 2 U	0 3 U
2 3.7,8-TCDF	pg/g	NE	0.1 U	0 2 U	0 2 U	1.1 U	0 2 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	1.20E-09	1.10E-09	7.70E-09	0.00E+00	5.68E-07
Radiochemistry							
GROSS ALPHA	pCi/g	NE	5.1 J	9 2 J	2 U	4 3 U	14 2
GROSS BETA	pCi/g	NE	10 6	9 7 J	12 4	13	31 1
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	NA	NA	NA	NA	NA
AMERICIUM-241	pCi/g	NE	NA	NA	NA	NA	NA
ANTIMONY-124	pCi/g	NE	NA	NA	NA	NA	NA
ANTIMONY-125	pCi/g	NE	NA	NA	NA	NA	NA
BARIUM-133	pCi/g	NE	NA	NA	NA	NA	NA
BARIUM-140	pCi/g	NE	NA	NA	NA	NA	NA

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 4

Sample Number Sample Location Sample Date			0002-1995 M0 Floor 1/9/2001	0002-1996 M0 Sidewall 1/9/2001	0002-1997 O1 Sidewall 1/9/2001	0002-1998 O1 Floor 1/9/2001	0002-2145 P5 Sidewall 2/22/2001
Analyte	Units	Cleanup Goals					
BERYLLIUM-7	pCi/g	NE	NA	NA	NA	NA	NA
BISMUTH-212	pCi/g	NE	NA	NA	NA	NA	NA
BISMUTH-214	pCi/g	NE	NA	NA	NA	NA	NA
CERIUM-139	pCi/g	NE	NA	NA	NA	NA	NA
CERIUM-141	pCi/g	NE	NA	NA	NA	NA	NA
CERIUM-144	pCi/g	NE	NA	NA	NA	NA	NA
CESIUM-134	pCi/g	NE	NA	NA	NA	NA	NA
CESIUM-136	pCi/g	NE	NA	NA	NA	NA	NA
CESIUM-137	pCi/g	NE	-0 044 U	0 019 U	-0 011 U	-0 028 U	0 024 U
CHROMIUM-51	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-56	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-57	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-58	pCi/g	NE	NA	NA	NA	NA	NA
COBALT-60	pCi/g	NE	NA	NA	NA	NA	NA
EUROPIUM-152	pCi/g	NE	NA	NA	NA	NA	NA
EUROPIUM-154	pCi/g	NE	NA	NA	NA	NA	NA
EUROPIUM-155	pCi/g	NE	NA	NA	NA	NA	NA
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	NA	NA	NA	NA	NA
IRON-59	pCi/g	NE	NA	NA	NA	NA	NA
LEAD-210	pCi/g	NE	NA	NA	NA	NA	NA
LEAD-212	pCi/g	NE	0 51	0 46	NA	NA	NA
LEAD-214	pCi/g	NE	0 32	0 38	NA	NA	NA
MANGANESE-54	pCi/g	NE	NA	NA	NA	NA	NA
MERCURY-203	pCi/g	NE	NA	NA	NA	NA	NA
NEODYMIUM-147	pCi/g	NE	NA	NA	NA	NA	NA
NEPTUNIUM-239	pCi/g	NE	NA	NA	NA	NA	NA
NIOBIUM-94	pCi/g	NE	NA	NA	NA	NA	NA
NIOBIUM-95	pCi/g	NE	NA	NA	NA	NA	NA
POTASSIUM-40	pCi/g	NE	10.1	12	9 8	9 4	13 2
PROMETHIUM-144	pCi/g	NE	NA	NA	NA	NA	NA
PROMETHIUM-146	pCi/g	NE	NA	NA	NA	NA	NA
RADIUM-226DA	pCi/g	NE	NA	NA	NA	0 36	NA
RADIUM-228	pCi/g	NE	NA	NA	NA	NA	NA
RUTHENIUM-106	pCi/g	NE	NA	NA	NA	NA	NA
SILVER-110M	pCi/g	NE	NA	NA	NA	NA	NA
SODIUM-22	pCi/g	NE	NA	NA	NA	NA	NA
THALLIUM-208	pCi/g	NE	NA	NA	NA	NA	NA
THORIUM-230	pCi/g	NE	NA	NA	NA	NA	NA
THORIUM-234	pCi/g	NE	NA	NA	NA	NA	NA
THORIUM-232DA	pCi/g	NE	NA	NA	0 37	NA	0 48
TIN-113	pCi/g	NE	NA	NA	NA	NA	NA
URANIUM-235	pCi/g	NE	NA	NA	NA	NA	NA
URANIUM-238	pCi/g	NE	NA	NA	NA	NA	NA
YTTRIUM-88	pCi/g	NE	NA	NA	NA	NA	NA
ZINC-65	pCi/g	NE	NA	NA	NA	NA	NA
ZIRCONIUM-95	pCi/g	NE	NA	NA	0.37	NA	0.48

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-002	0039-003	0039-004	0039-005	0039-006	0039-007	0039-008 (FD)	0039-009	0039-010	0039-011	0039-012	0039-014	0039-015	0039-061	0039-062
Sample Location			E1 West Sidewall	E1 South Sidewall	E1 North Sidewall	E1 East Sidewall	E1 Floor	D4 Floor	D4 Floor	D4 East Sidewall	D4 South Sidewall	D4 North Sidewall	B2 Floor	B2 South Sidewall	B2 North Sidewall	B4 East Sidewall	B4 North Sidewall
Sample Date			7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/23/2001	7/23/2001
Analyte	**Units**	**Cleanup Goals**															
Metals																	
HEXAVALENT CHROMIUM	mg/kg	0 2	0 24 U	0 24 U	0.24 U	0.23 U	0 3 U	0.27 U	0 24 U	0 24 U	0 24 U	0.28 U	0 26 U	0 23 U	0 23 U	0.25 U	0.26 U
ANTIMONY	mg/kg	NE	6 U	5 9 U	5.9 U	5 8 U	7 4 U	0 29 J	6 1 U	6 U	5.9 U	7 U	6 4 U	5 8 U	5 8 U	6.2 U	6 6 U
ARSENIC	mg/kg	9 05	1 1	1.2	1 4	1	1.1	1 7	0 67	1 7	2 3	2 3	1.1	1.4	1.3	2	3 1
BARIUM	mg/kg	NE	29 2	64.2	43 2	49	73 5	78 6	38.5	104	159	35.4	55.7	10.9	5 1	159	203
BERYLLIUM	mg/kg	NE	0 24 U	0 24 U	0 24 U	0.23 U	0 3 U	0 27 U	0 24 U	0 24 U	0 24 U	0 28 U	0 26 U	0 23 U	0 23 U	0.25 U	0.26 U
CADMIUM	mg/kg	NE	0 24 U	0 053 J	0 24 U	0 23 U	0 3 U	0.035 J	0 24 U	0.029 J	0 24 U	0 28 U	0.02 J	0 23 U	0 23 U	0 25 U	0 26 U
CHROMIUM	mg/kg	NE	7 4	7.3	6 5	8 7	9 9	7.1	6 8	14	32.7	8 3	4.5	3 6	2 4	18 8	28 8
COBALT	mg/kg	NE	3 4	4 3	3 6	4	5 6	4 6	2 6	7.6	15	3 7	2 7	1.9	1 5 J	11.9	16.2
COPPER	mg/kg	NE	4 5	4 2	4 9	5.9	7.5	7.5	3 9	26.8	30 6	8 2	3 5	2.2	1 5	16 5	25
LEAD	mg/kg	130	1 3	1 5	1.9	2 5	1 7 J	3 4	0.93 J	13 7	6.1	3 9	0.93 J	0 56 J	0 34 J	3 2	5 7
MERCURY	mg/kg	NE	0 24 U	0 24 U	0 24 U	0.23 U	0.3 U	0.033 J	0 24 U	0 064 J	0 24 U	0 034 J	0.26 U	0 23 U	0 23 U	0.062 J	0 11 J
MOLYBDENUM	mg/kg	NE	0.24 U	0.71	0.24 U	0 23 U	0.3 U	0 27 U	0.24 U	0 24 U	0 24 U	0 15 J	0.26 U	0 23 U	0.23 U	0 25 U	0.26 U
NICKEL	mg/kg	NE	2 2	2 3	2 3	2 8	3 6	2 6	1 9	5.6	13.7	3	1 4	0.88	0.66	8.8	13 1
SELENIUM	mg/kg	NE	0 6 UJ	0 36 J	0 59 UJ	0 58 UJ	0.74 UJ	0 68 UJ	0 61 UJ	0 6 UJ	0 59 UJ	0 7 UJ	0.64 UJ	0 58 UJ	0 58 UJ	0 62 U	0 66 U
SILVER	mg/kg	NE	0 6 U	0.052 J	0 59 U	0 58 U	0 74 U	0 68 U	0 61 U	0 6 U	0 59 U	0.7 U	0 64 U	0 58 U	0 58 U	0 62 U	0 66 U
THALLIUM	mg/kg	NE	0 6 U	0 59 U	0 59 U	0 58 U	0 74 U	0 68 U	0 61 U	0 6 U	0 59 U	0.7 U	0 64 U	0 58 U	0 58 U	0 62 U	0 66 U
VANADIUM	mg/kg	NE	27 9	23.2	24 9	33 2	37.1	25 4	21 6	42.1	85 7	18.7	18.5	12 4	9 9	52 3	78 3
ZINC	mg/kg	NE	11.4 J	10.8 J	12.9 J	14.6 J	17.2 J	17.6 J	8.3 J	65.7 J	70.4 J	24.1 J	8.2 J	6.3 J	4.2 J	38.3	60.9
Total Petroleum Hydrocarbons																	
DIESEL	mg/kg	NE	12 U	12 U	58 J	3 J	15 U	14 U	12 U	12 U	12 U	14 U	13 U	12 U	12 U	12 U	5 J
MOTOR OIL	mg/kg	NE	12 U	12 U	690	120	8 J	14 U	12 U	12 U	12 U	14 U	13 U	12 U	12 U	12 U	8 J
SPLP DIESEL	mg/L	NE	0 5 U	0 5 U	0.04 J	0 2 J	0 04 J	0 5 U	0 5 U	0 5 U	0 5 U	0 5 U	0 5 U	0 5 U	0 5 U	0 06 J	0 2 J
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.09 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.4 J
Pesticides																	
4 4 -DDD	µg/kg	NE	2 4 UJ	2.4 UJ	2 4 UJ	2.3 UJ	3 UJ	2 7 UJ	2 4 UJ	2 4 UJ	2.4 UJ	2 8 UJ	2 6 UJ	2 3 UJ	2 3 UJ	2 5 UJ	2 6 UJ
4,4'-DDE	µg/kg	NE	2.4 U	2 4 U	2 4 U	2 3 U	3 U	2 7 U	2 4 U	2.4 U	2 4 U	2 8 U	2 6 U	2 3 U	2 3 U	2 5 U	2 6 U
4,4'-DDT	µg/kg	NE	2 4 UJ	10 J	0 9 J	2 3 UJ	3 UJ	2 7 UJ	2 4 UJ	2 4 UJ	2 4 UJ	2 8 UJ	2 6 UJ	2 3 UJ	2 3 UJ	2.5 UJ	2 6 UJ
ALDRIN	µg/kg	NE	1 2 U	1.2 U	1 2 U	1 2 U	1.5 U	1 4 U	1.2 U	1 2 U	1 2 U	1 4 U	1 3 U	1.2 U	1.2 U	1 2 U	1 3 U
ALPHA-BHC	µg/kg	NE	1 2 UJ	1.2 UJ	1.2 UJ	1 2 UJ	1 5 UJ	1 4 UJ	1 2 UJ	1 2 UJ	1 2 UJ	1 4 UJ	1 3 UJ	1.2 UJ	1 2 UJ	1 2 UJ	1 3 UJ
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1 2 U	1.2 U	1 2 U	1 2 U	1 5 U	1 4 U	1 2 U	1 2 U	1 2 U	1 4 U	1 3 U	1 2 U	1 2 U	1 2 U	1 3 U
CHLORDANE	µg/kg	NE	60 U	59 U	59 U	58 U	74 U	68 U	61 U	60 U	59 U	70 U	64 U	58 UJ	58 U	62 U	66 U
DELTA-BHC	µg/kg	NE	1.2 UJ	1.2 UJ	1 2 UJ	1.2 UJ	1.5 UJ	1 4 UJ	1 2 UJ	1.2 UJ	1.2 UJ	1 4 UJ	1 3 UJ	1 2 U	1 2 UJ	1.2 UJ	1 3 UJ
DIELDRIN	µg/kg	NE	2 4 U	2.4 U	2 4 U	2 3 U	3 U	2 7 U	2 4 U	2.4 U	2 4 U	2.8 U	2 6 U	2 3 U	2 3 U	2 5 U	2 6 U
ENDOSULFAN I	µg/kg	NE	1 2 U	1 2 U	1 2 U	1 2 U	1 5 U	1 4 U	1 2 U	1 2 U	1 2 U	1 4 U	1 3 U	1 2 U	1 2 U	1 2 U	1 3 U
ENDOSULFAN II	µg/kg	NE	2 4 U	2 4 U	2 4 U	2 3 U	3 U	2 7 U	2.4 U	2 4 U	2 4 U	2 8 U	2 6 U	2.3 U	2 3 U	2 5 U	2 6 U
ENDOSULFAN SULFATE	µg/kg	NE	6 U	5.9 U	5.9 U	5 8 U	7 4 U	6 8 U	6 1 U	6 U	5 9 U	7 U	6.4 U	5 8 U	5.8 U	6.2 UJ	6 6 UJ
ENDRIN	µg/kg	NE	2 4 U	2 4 U	2 4 U	2 3 U	3 U	2 7 U	2 4 U	2.4 U	2 4 U	2 8 U	2 6 U	2 3 U	2.3 U	2 5 U	2.6 U
ENDRIN ALDEHYDE	µg/kg	NE	2 4 UJ	2 4 UJ	2 4 UJ	2 3 UJ	3 UJ	2 7 UJ	2 4 UJ	2 4 UJ	2 4 U	2 8 U	2 6 U	2 3 U	2 3 U	2 5 U	2 6 U
ENDRIN KETONE	µg/kg	NE	2.4 UJ	2.4 UJ	2.4 UJ	2 3 UJ	3 UJ	2 7 UJ	2 4 UJ	2 4 UJ	2 4 UJ	2 8 UJ	2 6 UJ	2.3 UJ	2 3 UJ	2.5 UJ	2.6 UJ
GAMMA-BHC (LINDANE)	µg/kg	NE	1 2 UJ	1 2 UJ	1 2 UJ	1 2 UJ	1 5 UJ	1 4 UJ	1 2 UJ	1 2 UJ	1 2 UJ	1 4 UJ	1 3 UJ	1 2 UJ	1 2 UJ	1 2 UJ	1 3 UJ
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1 2 U	1 2 U	1 2 U	1 2 U	1 5 U	1 4 U	1 2 U	1 2 U	1 2 U	1 4 U	1 3 U	1 2 U	1 2 U	1 2 U	1 3 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1 2 U	1.2 U	1 2 U	1 2 U	1 5 U	1 4 U	1 2 U	1 2 U	1 2 U	1 4 U	1.3 U	1 2 U	1 2 U	1 2 U	1 3 U
METHOXYCHLOR	µg/kg	NE	12 U	12 U	12 U	12 U	15 U	14 U	12 U	12 U	12 U	14 U	13 U	12 U	12 U	12 UJ	13 UJ
TOXAPHENE	µg/kg	NE	120 U	120 U	120 U	120 U	150 U	140 U	120 U	120 U	120 U	140 U	130 U	120 U	120 U	120 U	130 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-002	0039-003	0039-004	0039-005	0039-006	0039-007	0039-008 (FD)	0039-009	0039-010	0039-011	0039-012	0039-014	0039-015	0039-061	0039-062
Sample Location			E1 West Sidewall	E1 South Sidewall	E1 North Sidewall	E1 East Sidewall	E1 Floor	D4 Floor	D4 Floor	D4 East Sidewall	D4 South Sidewall	D4 North Sidewall	B2 Floor	B2 South Sidewall	B2 North Sidewall	B4 East Sidewall	B4 North Sidewall
Sample Date			7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/23/2001	7/23/2001
Analyte	Units	Cleanup Goals															
Polychlorinated Biphenyls																	
AROCLOR 1016	µg/kg	NE	60 U	59 U	59 U	58 U	74 U	68 U	61 U	60 U	59 U	70 U	64 U	58 U	58 U	62 U	66 U
AROCLOR 1221	µg/kg	NE	120 U	120 U	120 U	120 U	150 U	140 U	120 U	120 U	120 U	140 U	130 U	120 U	120 U	120 U	130 U
AROCLOR 1232	µg/kg	NE	60 U	59 U	59 U	58 U	74 U	68 U	61 U	60 U	59 U	70 U	64 U	58 U	58 U	62 U	66 U
AROCLOR 1242	µg/kg	NE	60 U	59 U	59 U	58 U	74 U	68 U	61 U	60 U	59 U	70 U	64 U	58 U	58 U	62 U	66 U
AROCLOR 1248	µg/kg	NE	60 U	59 U	59 U	58 U	74 U	68 U	61 U	60 U	59 U	70 U	64 U	58 U	58 U	62 U	66 U
AROCLOR 1254	µg/kg	NE	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
AROCLOR 1260	µg/kg	NE	30 U	48	4 J	3 J	37 U	34 U	4 J	30 U	29 U	35 U	32 U	3 J	29 U	31 U	33 U
Volatile Organic Compounds																	
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
1,1-DICHLOROETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
1,1-DICHLOROETHENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
1,2-DICHLOROETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
2-BUTANONE	µg/kg	NE	120 U	120 U	120 U	120 U	150 U	150 U	130 U	140 U	100 U	120 U	130 U	120 U	130 U	110 U	130 U
2-HEXANONE	µg/kg	NE	59 U	62 U	59 U	59 U	74 U	73 U	65 U	70 U	50 U	58 U	67 U	59 U	66 U	55 U	63 U
4-METHYL-2-PENTANONE	µg/kg	NE	59 U	62 U	59 U	59 U	74 U	73 U	65 U	70 U	50 U	58 U	67 U	59 U	66 U	55 U	63 U
ACETONE	µg/kg	NE	120 U	120 U	120 U	120 U	150 U	150 U	130 U	140 U	100 U	120 U	130 U	120 U	130 U	110 U	130 U
BENZENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
BROMODICHLOROMETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
BROMOFORM	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
BROMOMETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CARBON DISULFIDE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CARBON TETRACHLORIDE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CHLOROBENZENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CHLOROETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CHLOROFORM	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CHLOROMETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
ETHYLBENZENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	12 U	12 U	12 U	12 U	15 U	15 U	13 U	14 U	10 U	12 U	13 U	12 U	13 U	11 U	13 U
METHYLENE CHLORIDE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
STYRENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
TETRACHLOROETHENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
TOLUENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
TRICHLOROETHENE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
VINYL ACETATE	µg/kg	NE	59 U	62 U	59 U	59 U	74 U	73 U	65 U	70 U	50 U	58 U	67 U	59 U	66 U	55 U	63 U
VINYL CHLORIDE	µg/kg	NE	5.9 U	6.2 U	5.9 U	5.9 U	7.4 U	7.3 U	6.5 U	7 U	5 U	5.8 U	6.7 U	5.9 U	6.6 U	5.5 U	6.3 U
XYLENES (TOTAL)	µg/kg	NE	18 U	19 U	18 U	18 U	22 U	22 U	20 U	21 U	15 U	17 U	20 U	18 U	20 U	16 U	19 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-002	0039-003	0039-004	0039-005	0039-006	0039-007	0039-008 (FD)	0039-009	0039-010	0039-011	0039-012	0039-014	0039-015	0039-061	0039-062
Sample Location			E1 West Sidewall	E1 South Sidewall	E1 North Sidewall	E1 East Sidewall	E1 Floor	D4 Floor	D4 Floor	D4 East Sidewall	D4 South Sidewall	D4 North Sidewall	B2 Floor	B2 South Sidewall	B2 North Sidewall	B4 East Sidewall	B4 North Sidewall
Sample Date			7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/23/2001	7/23/2001
Analyte	Units	Cleanup Goals															
Semivolatile Organic Compounds																	
1 2 4-TRICHLOROBENZENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
1 2-DICHLOROBENZENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
1 3-DICHLOROBENZENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
1 4-DICHLOROBENZENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2,4-DICHLOROPHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2 4-DIMETHYLPHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2 4-DINITROPHENOL	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
2 4-DINITROTOLUENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2 6-DINITROTOLUENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2-CHLORONAPHTHALENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2-CHLOROPHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2-METHYLPHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
2-NITROANILINE	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
2-NITROPHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	790 U	780 U	780 U	770 U	980 U	900 U	800 U	790 U	780 U	930 U	840 U	760 U	770 U	810 U	870 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
3-NITROANILINE	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
4-CHLOROANILINE	µg/kg	NE	900 U	900 U	890 U	880 U	1100 U	1000 U	920 U	900 U	890 U	1100 U	970 U	870 U	880 U	940 U	1000 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
4-NITROANILINE	µg/kg	NE	1900 UJ	1900 UJ	1900 UJ	1900 UJ	2400 UJ	2200 UJ	1900 UJ	1900 UJ	1900 UJ	2200 UJ	2000 UJ	1800 UJ	1900 UJ	2000 U	2100 U
4-NITROPHENOL	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
ACENAPHTHENE	µg/kg	NE	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
ACENAPHTHYLENE	µg/kg	NE	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
ANTHRACENE	µg/kg	6100	13 J	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
BENZ[A]ANTHRACENE	µg/kg	560	24 J	30 U	13 J	8 J	37 U	34 U	30 U	12 J	29 U	35 U	32 U	29 U	29 U	31 U	33 U
BENZO[A]PYRENE	µg/kg	56	13 J	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
BENZO[B]FLUORANTHENE	µg/kg	560	13 J	30 U	10 J	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
BENZO[G H I]PERYLENE	µg/kg	NE	30 U	30 U	29 U	8 J	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
BENZO[K]FLUORANTHENE	µg/kg	610	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
CHRYSENE	µg/kg	6100	17 J	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
DIBENZOFURAN	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
DIETHYL PHTHALATE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
DIMETHYL PHTHALATE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	390 U	390 U	390 U	380 UJ	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
FLUORANTHENE	µg/kg	NE	35	30 U	29 U	29 U	37 U	34 U	30 U	62	29 U	35 U	32 U	29 U	29 U	31 U	33 U
FLUORENE	µg/kg	NE	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-002	0039-003	0039-004	0039-005	0039-006	0039-007	0039-008 (FD)	0039-009	0039-010	0039-011	0039-012	0039-014	0039-015	0039-061	0039-062
Sample Location			E1 West Sidewall	E1 South Sidewall	E1 North Sidewall	E1 East Sidewall	E1 Floor	D4 Floor	D4 Floor	D4 East Sidewall	D4 South Sidewall	D4 North Sidewall	B2 Floor	B2 South Sidewall	B2 North Sidewall	B4 East Sidewall	B4 North Sidewall
Sample Date			7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/23/2001	7/23/2001
Analyte	Units	Cleanup Goals															
HEXACHLOROBENZENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
HEXACHLOROBUTADIENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
HEXACHLOROETHANE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
NAPHTHALENE	µg/kg	NE	30 U	30 U	29 U	29 U	37 U	34 U	30 U	30 U	29 U	35 U	32 U	29 U	29 U	31 U	33 U
NITROBENZENE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	790 U	780 U	780 U	770 U	980 U	900 U	800 U	790 U	780 U	930 U	840 U	760 U	770 U	810 U	870 U
PENTACHLOROPHENOL	µg/kg	NE	1900 U	1900 U	1900 U	1900 U	2400 U	2200 U	1900 U	1900 U	1900 U	2200 U	2000 U	1800 U	1900 U	2000 U	2100 U
PHENANTHRENE	µg/kg	NE	32	30 U	29 U	29 U	37 U	34 U	30 U	29 J	29 U	35 U	32 U	29 U	29 U	31 U	33 U
PHENOL	µg/kg	NE	390 U	390 U	390 U	380 U	490 U	450 U	400 U	390 U	390 U	460 U	420 U	380 U	380 U	410 U	440 U
PYRENE	µg/kg	NE	36	30 U	29 U	29 U	37 U	34 U	30 U	30 J	29 U	35 U	32 U	29 U	29 U	31 U	33 U
Organotin																	
DIBUTYLTIN	µg/kg	NE	12 U	12 U	12 U	12 U	15 U	14 U	12 U	12 U	12 U	14 U	13 U	12 U	12 U	12 U	13 U
MONOBUTYLTIN	µg/kg	NE	12 U	12 U	12 U	12 U	15 U	14 U	12 U	12 U	12 U	14 U	13 U	12 U	12 U	12 U	13 U
TETRABUTYLTIN	µg/kg	NE	12 UJ	12 U	12 U	12 U	15 U	14 U	12 U	12 U	12 U	14 U	13 U	12 U	12 U	12 U	13 U
TRIBUTYLTIN	µg/kg	NE	12 U	12 U	12 U	12 U	15 U	14 U	12 U	12 U	12 U	14 U	13 U	12 U	12 U	12 U	13 U
Dioxins and Furans																	
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	1 U	1.5 U	10 U	50.9	1.1 U	1.8 U	2.9 U	22.4 J	1.6 U	17.8 J	1.3 U	1.1 U	1.6 U	6.6 U	4.5 U
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	0.63 U	62.7	7.4 U	13.3 U	0.59 U	1.4 U	2.3 U	4.5 U	21.6 J	3.7 U	1.7 U	1.1 U	0.88 U	3.8 U	3.6 U
1,2,3,4,6,7,8-HPCDD	pg/g	NE	0.2 U	0.27 J	1.9 U	5.3	0.6 U	0.58 J	0.81 J	5.6	0.53 J	3.9	0.2 U	0.2 U	0.3 J	0.71 J	1 J
1,2,3,4,6,7,8-HPCDF	pg/g	NE	0.1 U	1.2 U	0.93 U	2.3 U	0.3 U	0.85 U	2 U	12.4 J	1.7 U	9.4 J	0.45 U	0.24 U	0.15 U	0.54 U	0.67 U
1,2,3,4,7,8,9-HPCDF	pg/g	NE	0.2 U	1.1 J	0.51 U	0.46 J	0.5 U	0.3 U	0.2 U	0.61 J	1 J	0.46 J	0.2 U	0.1 U	0.09 U	0.4 U	0.3 U
1,2,3,4,7,8-HXCDD	pg/g	NE	0.1 U	0.11 J	0.2 U	0.1 U	0.4 U	0.2 U	0.2 U	0.43 J	0.2 U	0.34 J	0.1 U	0.1 U	0.08 U	0.4 U	0.3 U
1,2,3,4,7,8-HXCDF	pg/g	NE	0.15 U	0.57 U	0.46 U	0.69 U	0.3 U	0.61 U	0.84 U	5.7 J	0.94 U	4.6 J	0.23 U	0.22 U	0.15 U	0.3 U	0.33 U
1,2,3,6,7,8-HXCDD	pg/g	NE	0.1 U	0.13 J	0.2 U	0.25 J	0.4 U	0.3 U	0.31 J	0.7 J	0.2 U	0.36 J	0.2 U	0.1 U	0.09 U	0.5 U	0.3 U
1,2,3,6,7,8-HXCDF	pg/g	NE	0.09 U	0.34 J	0.28 U	0.32 J	0.3 U	0.24 J	0.32 J	2 J	0.68 J	1.6 J	0.13 J	0.18 J	0.06 U	0.3 U	0.24 J
1,2,3,7,8,9-HXCDD	pg/g	NE	0.1 U	0.12 J	0.2 U	0.1 U	0.4 U	0.2 U	0.35 J	1.1 J	0.2 U	0.81 J	0.1 U	0.23 J	0.08 U	0.4 U	0.3 U
1,2,3,7,8,9-HXCDF	pg/g	NE	0.1 U	0.28 J	0.2 U	0.09 U	0.3 U	0.2 U	0.35 J	0.26 J	0.1 U	0.2 U	0.1 U	0.1 U	0.07 U	0.4 U	0.2 U
1,2,3,7,8-PECDD	pg/g	NE	0.1 U	0.08 J	0.2 U	0.1 U	0.3 U	0.2 U	0.2 U	0.28 J	0.2 U	0.37 J	0.1 U	0.1 U	0.08 U	0.4 U	0.2 U
1,2,3,7,8-PECDF	pg/g	NE	0.1 U	0.31 J	0.37 U	0.1 U	0.3 U	0.2 U	0.23 J	1 J	0.38 J	0.86 J	0.1 U	0.1 U	0.08 U	0.2 U	0.23 J
2,3,4,6,7,8-HXCDF	pg/g	NE	0.09 U	0.19 J	0.1 U	0.3 J	0.3 U	0.23 J	0.35 J	3.4 J	0.31 J	2.2 J	0.1 U	0.18 J	0.06 U	0.3 U	0.2 U
2,3,4,7,8-PECDF	pg/g	NE	0.1 U	0.05 U	0.1 U	0.27 U	0.3 U	0.2 U	0.34 U	2.5 U	0.35 U	2.2 U	0.1 U	0.1 U	0.07 U	0.2 U	0.2 U
2,3,7,8-TCDD	pg/g	NE	0.2 U	0.06 U	0.2 U	0.1 U	0.4 U	0.2 U	0.2 U	0.1 U	0.2 U	0.3 UJ	0.2 U	0.1 U	0.1 U	0.3 U	0.2 U
2,3,7,8-TCDF	pg/g	NE	0.09 U	0.11 J	0.1 U	0.09 U	0.3 U	0.38 J	0.6 J	3	0.31 J	2.7 J	0.1 U	0.09 U	0.06 U	0.2 U	0.24 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	0.00E+00	2.60E-07	0.00E+00	1.96E-07	0.00E+00	9.08E-08	2.48E-07	2.06E-06	1.86E-07	1.64E-06	1.30E-08	5.90E-08	3.00E-09	7.10E-09	4.55E-08
Radiochemistry																	
GROSS ALPHA	pCi/g	NE	3.49	4.02	1.55 U	4.12	1.8 U	1.18 U	0.203 U	3.31	4.93	4.24 U	2.09 U	1.57 U	2.88	5.17	4.53
GROSS BETA	pCi/g	NE	14.4 U	11.6 U	14.7 U	11.2 U	17.3 U	16.6 U	11.6 U	15.2 U	14.7 U	15.4 U	19.1 U	14.8 U	12.2 U	17.1 U	8.89
ACTINIUM-227	pCi/g	NE	-0.0104 U	0.0853 U	-0.212 U	0.0687 U	-0.0244 U	-0.0236 U	0.0366 U	0.187 U	-0.048 U	-0.0355 U	-0.0323 U	-0.123 U	-0.174 U	-0.11 U	0.0509 U
ACTINIUM-228	pCi/g	NE	0.452	0.465	0 U	0.481	0.457	0.746	0.412	0.79	0.758	0.731	0.592	0.268	0 U	0.691	0.971
AMERICIUM-241	pCi/g	NE	0.0275 U	0.0158 U	0.0483 U	0.0051 U	-0.0398 U	-0.027 U	-0.00183 U	0.00508 U	0.0234 U	0.0236 U	-0.0104 U	0.0053 U	0.0306 U	0.0521 U	0.0208 U
ANTIMONY-124	pCi/g	NE	-0.00623 U	-0.00168 U	-0.0137 U	0.00138 U	0.00256 U	-0.00264 U	0.0102 U	-0.00934 U	0.0194 U	-0.0155 U	0.0193 U	0.00877 U	-0.00031 U	-0.00601 U	-0.00179 U
ANTIMONY-125	pCi/g	NE	-0.00152 U	0.0291 U	0.0201 U	0.00455 U	-0.0136 U	0.0161 U	-0.0105 U	-0.00566 U	0.0171 U	0.0167 U	0.0226 U	0.0176 U	0.00731 U	0.0169 U	-0.00873 U
BARIUM-133	pCi/g	NE	-0.0024 U	0.0108 U	0.0337 U	0.0112 U	-0.00218 U	-0.00303 U	0.00259 U	-0.00974 U	0.012 U	-0.184 U	-0.0545 U	0.00143 U	0.0173 U	-0.00275 U	-0.00849 U
BARIUM-140	pCi/g	NE	0.0543 U	0.00813 U	0.0245 U	-0.0393 U	-0.0955 U	0.0295 U	-0.0193 U	-0.061 U	0.0322 U	0.0625 U	-0.0311 U	0.0654 U	0.0805 U	-0.0942 U	0.0587 U
BERYLLIUM-7	pCi/g	NE	-0.0669 U	0.0729 U	0.00373 U	-0.00909 U	-0.0908 U	0.0502 U	0.068 U	0.0907 U	-0.254 U	0.0835 U	0.00306 U	0.00717 U	-0.0362 U	0.00727 U	0.0137 U
BISMUTH-212	pCi/g	NE	0.378	0 U	0 U	0 U	0.422	0.695	0.114 U	0.348 U	0.243 U	0.462	0.557	0.131 U	0.228 U	0.594	0.293

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-002	0039-003	0039-004	0039-005	0039-006	0039-007	0039-008 (FD)	0039-009	0039-010	0039-011	0039-012	0039-014	0039-015	0039-061	0039-062
Sample Location			E1 West Sidewall	E1 South Sidewall	E1 North Sidewall	E1 East Sidewall	E1 Floor	D4 Floor	D4 Floor	D4 East Sidewall	D4 South Sidewall	D4 North Sidewall	B2 Floor	B2 South Sidewall	B2 North Sidewall	B4 East Sidewall	B4 North Sidewall
Sample Date			7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/19/2001	7/23/2001	7/23/2001
Analyte	Units	Cleanup Goals															
BISMUTH-214	pCi/g	NE	0.278	0 U	0.313	0.297	0.352	0.546	0.359	0.478	0.756	0.426	0.482	0.252	0.276	0 U	0.685
CERIUM-139	pCi/g	NE	0.00425 U	-6.96E-06 U	-0.0194 U	-0.00365 U	-0.00142 U	-0.0107 U	-0.00892 U	-0.00491 U	-0.0159 U	-0.00323 U	-0.00303 U	-0.00357 U	0.00603 U	-0.00265 U	-0.00567 U
CERIUM-141	pCi/g	NE	-0.00466 U	-0.0106 U	0.0373 U	0.00877 U	0 U	0.0175 U	0.0232 U	0.0111 U	0.0455 U	0.0153 U	0.00387 U	-0.00406 U	0.0216 U	0.0165 U	-0.00631 U
CERIUM-144	pCi/g	NE	-0.0489 U	-0.0732 U	-0.143 U	-0.00421 U	0.0316 U	-0.0133 U	0.00945 U	-0.0575 U	0.0202 U	-0.0368 U	0.015 U	-0.00653 U	-0.0208 U	-0.0922 U	0.0428 U
CESIUM-134	pCi/g	NE	-0.00748 U	-0.0141 U	0.00476 U	0.00321 U	-0.0162 U	9.13E-05 U	-0.00341 U	-0.00363 U	-0.0267 U	-0.00368 U	-0.00714 U	-0.00722 U	0.00408 U	-0.00705 U	-0.0028 U
CESIUM-136	pCi/g	NE	-0.0356 U	0.0519 U	0.0203 U	0.00398 U	-0.0421 U	-0.0347 U	0.0204 U	-0.0203 U	0.0455 U	0.0239 U	-0.0782 U	0.00266 U	-0.0219 U	-0.0151 U	-0.00585 U
CESIUM-137	pCi/g	NE	0.0164 U	-0.00508 U	0 U	-0.0109 U	0.0264 U	-0.00359 U	-0.0055 U	0.000675 U	0.0118 U	0.00803 U	0.015 U	-0.00675 U	-0.00589 U	0.00593 U	0.00167 U
CHROMIUM-51	pCi/g	NE	-0.0125 U	-0.0452 U	-0.253 U	0.0242 U	-0.0441 U	0.0794 U	0.000523 U	0.173 U	-0.0209 U	0.0373 U	-0.0242 U	-0.0927 U	-0.0148 U	-0.0856 U	0.000937 U
COBALT-56	pCi/g	NE	0.00191 U	0.0148 U	-0.00932 U	0.0219 U	0.000829 U	-0.0139 U	-0.00794 U	-0.0114 U	-0.00234 U	0.0271 U	0.001 U	-0.0186 U	0.0033 U	-0.00779 U	-0.0123 U
COBALT-57	pCi/g	NE	-0.00219 U	0.00486 U	0.00162 U	-0.00259 U	-0.00407 U	-0.000418 U	-0.00237 U	-0.00107 U	0.00839 U	-0.00095 U	0.0066 U	-0.00446 U	-0.00222 U	-0.00414 U	0.00164 U
COBALT-58	pCi/g	NE	0.00465 U	-0.00806 U	-0.00212 U	-0.00659 U	0.0148 U	0.0157 U	0.00212 U	-0.0248 U	0.0281 U	0.00313 U	-0.00855 U	0.0015 U	-0.013 U	-0.013 U	0.00128 U
COBALT-60	pCi/g	NE	-0.0166 U	0.014 U	-0.00124 U	-0.00289 U	0.00399 U	0.0208 U	0.00532 U	0.00912 U	-0.00899 U	0.00673 U	-0.00628 U	0.00296 U	0.0251 U	-0.00321 U	-0.00318 U
EUROPIUM-152	pCi/g	NE	-0.012 U	0.0221 U	-0.0465 U	-0.0206 U	-0.00338 U	-0.0195 U	-0.00613 U	-0.016 U	0.0293 U	0.00346 U	0.0112 U	-0.0114 U	0.00487 U	-0.0124 U	0.0303 U
EUROPIUM-154	pCi/g	NE	-0.0153 U	0.0173 U	0.00546 U	0.0506 U	0.071 U	-0.0392 U	-0.0451 U	0.0417 U	0.0111 U	-0.0241 U	0.0559 U	0.0345 U	-0.0694 U	-0.0557 U	0.0132 U
EUROPIUM-155	pCi/g	NE	0.0296 U	0.0388 U	0.00671 U	-0.00337 U	0.0385 U	0.00522 U	-0.0059 U	0.0375 U	0.0327 U	0.0625 U	0.0289 U	-0.00988 U	0.000245 U	0.0128 U	0.0882 U
IODINE-131	pCi/g	NE	-0.00253 U	0.00678 U	-0.0412 U	-0.0317 U	0.0342 U	0.0349 U	-0.0256 U	-0.0188 U	-0.0463 U	0.0542 U	0.0054 U	-0.0335 U	-0.0142 U	-0.0249 U	-0.00943 U
IRIDIUM-192	pCi/g	NE	0.000227 U	-0.00406 U	-0.00305 U	0.00434 U	0.00367 U	0.00907 U	-0.000472 U	0.000368 U	-0.0127 U	-0.00196 U	-0.00255 U	0.00749 U	0.00332 U	0.014 U	-0.000439 U
IRON-59	pCi/g	NE	0.00835 U	-0.0361 U	0.0921 U	0.0285 U	-0.0287 U	0.0129 U	-0.0295 U	0.039 U	-0.0281 U	-0.0104 U	-0.039 U	-0.00388 U	-0.0117 U	0.0112 U	-0.031 U
LEAD-210	pCi/g	NE	0.926 U	0.394 U	0.271 U	0.483	1.84 U	2.32 U	0 U	0 U	0.217 U	1.19 U	0.451	0.543	0.34 U	3.64 U	1.5 U
LEAD-212	pCi/g	NE	0.467	0.442	0.539	0.538	0.435	0.806	0.4	0.761	0.425	0.721	0.631	0.275	0.389	0.784	0.883
LEAD-214	pCi/g	NE	0.391	0.346	0.388	0.382	0.379	0.621	0.439	0.6	0.604	0.546	0.538	0.199	0.272	0.605	0.734
MANGANESE-54	pCi/g	NE	0.0138 U	-0.00385 U	0.0173 U	0.0129 U	0.00515 U	0.00797 U	0.00825 U	0.00131 U	0.00491 U	0.00584 U	0.00486 U	-0.00574 U	0.00775 U	0.00755 U	0.00575 U
MERCURY-203	pCi/g	NE	0.00105 U	0.0165 U	0.000287 U	0.00746 U	-0.00611 U	0 U	0.011 U	0.0145 U	0.0101 U	0.0237 U	0.0314 U	0.00518 U	0.0259 U	0.016 U	0 U
NEODYMIUM-147	pCi/g	NE	0.0279 U	0.128 U	0.059 U	0.112 U	-0.115 U	0.119 U	-0.165 U	-0.104 U	0.0665 U	0.188 U	-0.133 U	0.0327 U	0.0227 U	-0.0916 U	-0.0623 U
NEPTUNIUM-239	pCi/g	NE	0 U	-0.0503 U	-0.171 U	0.0124 U	-0.0168 U	0.000631 U	0 U	-0.0213 U	-0.069 U	0.00105 U	0.0519 U	-0.0498 U	-0.00319 U	0.0585 U	0.0266 U
NIOBIUM-94	pCi/g	NE	0.00742 U	0.00149 U	0.0158 U	0.0149 U	-0.00475 U	-0.00253 U	0.00525 U	0.0223 U	0.0225 U	-0.00808 U	0.00244 U	0.00526 U	0.00466 U	0.027 U	-0.00545 U
NIOBIUM-95	pCi/g	NE	0.0029 U	0.00847 U	0.0348 U	-0.00289 U	0.0206 U	0.0294 U	0.0149 U	-0.00572 U	0.00795 U	0 U	0.00324 U	0.00394 U	0.0263 U	0.0251 U	0.0233 U
POTASSIUM-40	pCi/g	NE	11.8	11.9	11.7	12.9	11.8	12.7	11.3	12.3	11.1	14.6	11.9	13.3	11.5	16	17.8
PROMETHIUM-144	pCi/g	NE	0.00513 U	0.0278 U	0.00501 U	0.0077 U	-0.00447 U	-0.00508 U	6.5E-06 U	0.0074 U	-0.00518 U	0.017 U	0.00569 U	0.0149 U	-0.0105 U	-0.00652 U	-0.0136 U
PROMETHIUM-146	pCi/g	NE	-0.0103 U	0.00113 U	-0.00707 U	0.00615 U	-0.011 U	0.0118 U	-0.00639 U	0.0213 U	0.0186 U	0.00458 U	0.00271 U	0.00827 U	-0.007 U	-0.00799 U	-0.0003 U
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	0.452	0.465	0 U	0.481	0.457	0.746	0.412	0.79	0.758	0.731	0.592	0.268	0 U	0.691	0.971
RUTHENIUM-106	pCi/g	NE	-0.0166 U	-0.0335 U	-0.0659 U	0.00884 U	0.0328 U	-0.0337 U	0.0551 U	0.0607 U	-0.19 U	-0.0487 U	-0.131 U	-0.0104 U	0.135 U	0.039 U	0.0477 U
SILVER-110M	pCi/g	NE	0.00357 U	-0.00957 U	-0.117 U	0.00569 U	-0.00374 U	0.000253 U	0.00141 U	0.00394 U	0.00847 U	-0.0124 U	-0.00444 U	-0.00267 U	0.00121 U	-0.0115 U	0.0125 U
SODIUM-22	pCi/g	NE	-0.00531 U	0.00594 U	0.00204 U	0.0181 U	0.0258 U	-0.0141 U	-0.0147 U	0.0149 U	0.00382 U	-0.00626 U	0.0201 U	0.0125 U	-0.0249 U	-0.0201 U	0.00464 U
THALLIUM-208	pCi/g	NE	0.175	0.125	0.165	0.175	0.128	0.246	0.11	0.213	0.222	0.237	0.172	0.0926	0.117	0.26	0.273
THORIUM-230	pCi/g	NE	0.278	0.379	0.313	0.297	0.352	0.546	0.359	0.478	0.756	0.426	0.482	0.252	0.276	0.46	0.685
THORIUM-234	pCi/g	NE	0.783 U	1.3	0.15 U	0.539	0.544 U	1.22	0.429 U	0.83	0 U	0.219 U	0.685	0.54	0.562	1.74 J	2.81
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	-0.0201 U	0.00135 U	0.00175 U	0.00613 U	-0.00241 U	-0.0111 U	-0.00529 U	0.00449 U	0.0126 U	-0.00409 U	-0.011 U	0.000673 U	-0.0152 U	-0.0131 U	-0.0133 U
URANIUM-235	pCi/g	NE	0.0653 U	0.0109 U	-0.0777 U	0.0362 U	0 U	0.0688 U	0.0849 U	0.143 U	0.033 U	0.054 U	0.0598 U	0.0383 U	0.0706 U	0.0618 U	0.0696 U
URANIUM-238	pCi/g	NE	0.783 U	1.3	0.15 U	0.539	0.544 U	1.22	0.429 U	0.83	0 U	0.219 U	0.685	0.54	0.562	1.74 J	2.81
YTTRIUM-88	pCi/g	NE	-0.00947 U	0.0119 U	-0.00138 U	0.0109 U	0.00159 U	-0.0123 U	0.00424 U	0.0134 U	0.00768 U	0.00827 U	-0.00764 U	0.00591 U	-0.00146 U	0.00423 U	-0.00332 U
ZINC-65	pCi/g	NE	-0.0134 U	0.0185 U	-0.00242 U	0.0168 U	0.019 U	-0.0269 U	-0.00486 U	0.00837 U	0.0264 U	0.0141 U	0.0374 U	-0.0337 U	0.0165 U	0.0349 U	0.0182 U
ZIRCONIUM-95	pCi/g	NE	0.0237 U	0.0197 U	0.0883 U	0.0203 U	-0.00879 U	0.00297 U	0.00425 U	-0.00873 U	-0.0472 U	0.000238 U	-0.00277 U	0.00666 U	-0.00708 U	0.000329 U	0.0154 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-063	0039-064	0039-065	0039-066 (FD)	0039-067	0039-068 (FD)	0039-069	0039-072	0039-075	0039-076	0039-077	0039-078	0039-079	0039-080	0039-081 (FD)
Sample Location			B4 West Sidewall	B4 Floor	B4 South Sidewall	B4 South Sidewall	C5 Floor	C5 Floor	C5 East Sidewall	C5 South Sidewall-1	C1 Floor	C1 East Sidewall	C1 South Sidewall	C1 West Sidewall	C1 North Sidewall	B1 Floor	B1 Floor
Sample Date			7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001
Analyte	**Units**	**Cleanup Goals**															
Metals																	
HEXAVALENT CHROMIUM	mg/kg	0.2	0.25 U	0.23 U	0.26 U	0.25 U	0.23 U	0.22 U	0.25 U	0.24 U	0.21 U	0.23 U	0.21 U	0.21 U	0.24 U	0.23 U	0.24 U
ANTIMONY	mg/kg	NE	6.4 U	5.6 U	6.4 U	6.2 U	0.77 J	5.4 U	6.4 U	5.9 U	5.2 U	5.7 U	5.2 U	5.3 U	5.9 U	5.8 U	6 U
ARSENIC	mg/kg	9.05	2.1	1.9	2.7	2.1	3.2	1.9	3.1	2.9	2.1	2.2	1.9	2.1	2.3	1.4	1.7
BARIUM	mg/kg	NE	185	98.4	193	196	79.3	53.1	175	157	28	27.7	17.2	20.6	87.8	30.7	25.2
BERYLLIUM	mg/kg	NE	0.25 U	0.23 U	0.26 U	0.25 U	0.23 U	0.22 U	0.25 U	0.24 U	0.21 U	0.23 U	0.21 U	0.21 U	0.24 U	0.23 U	0.24 U
CADMIUM	mg/kg	NE	0.25 U	0.23 U	0.029 J	0.042 J	0.043 J	0.22 U	0.15 J	0.041 J	0.19 J	0.021 J	0.21 U	0.21 U	0.24 U	0.23 U	0.24 U
CHROMIUM	mg/kg	NE	20.8	18	21	20.6	13.7	10.2	28.4	27.1	7.3	8.5	5.7	6.1	7.9	6.5	6.6
COBALT	mg/kg	NE	13.2	11.8	13.5	13	6.4	5.1	13.7	12.8	2.6	3.1	2.3	2.4	2.9	4.5	3.3
COPPER	mg/kg	NE	18.6	17.8	20.4	18.1	22.8	11.6	49.6	21.6	19.2	4.2	2.9	3.1	7.7	5.9	4
LEAD	mg/kg	130	4.4	3.3	4.8	3.8	11.9	5.2	14.4	6.1	8.4	2.1	1.3	1.4	1.7	1.4	1.2
MERCURY	mg/kg	NE	0.091 J	0.081 J	0.084 J	0.077 J	0.11 J	0.053 J	0.25 J	0.084 J	0.082 J	0.026 J	0.027 J	0.026 J	0.036 J	0.023 J	0.24 U
MOLYBDENUM	mg/kg	NE	0.25 U	0.23 U	0.26 U	0.25 U	0.23 U	0.22 U	0.25 U	0.24 U	0.86	0.19 J	0.17 J	0.041 J	0.26	0.23 U	0.24 U
NICKEL	mg/kg	NE	9.7	8.5	9.2	9.5	5.9	3.9	12	10.8	2.6	3.1	1.9	2.1	2.4	2.6	2.4
SELENIUM	mg/kg	NE	0.64 U	0.56 U	0.53 J	0.65	0.24 J	0.54 U	0.28 J	0.59 U	0.52 U	0.57 U	0.52 U	0.53 U	0.59 U	0.58 U	0.6 U
SILVER	mg/kg	NE	0.64 U	0.56 U	0.64 U	0.62 U	0.57 U	0.54 U	0.64 U	0.59 U	0.52 U	0.57 U	0.52 U	0.53 U	0.59 U	0.58 U	0.6 U
THALLIUM	mg/kg	NE	0.64 U	0.56 U	0.64 U	0.62 U	0.57 U	0.54 U	0.64 U	0.59 U	0.52 U	0.57 U	0.52 U	0.53 U	0.59 U	0.58 U	0.6 U
VANADIUM	mg/kg	NE	59.2	61.6	62.5	58.3	34.4	31	67.8	68.8	13.7	16.6	10.8	12.2	22.3	19.5	18.7
ZINC	mg/kg	NE	42.2	33.6	45.6	44.5	49.8	25.8	89.3	53.6	63.9 J	15 J	9.7 J	10.7 J	14 J	13.3 J	11.5 J
Total Petroleum Hydrocarbons																	
DIESEL	mg/kg	NE	13 U	11 U	13 U	12 U	11 U	21	3 J	12 J	10 U	11 U	10 U	11 U	12 U	12 U	12 U
MOTOR OIL	mg/kg	NE	13 U	11 U	13 U	12 U	7 J	160	6 J	21	14	11 U	10 U	11 U	30	12 U	5 J
SPLP DIESEL	mg/L	NE	0.08 J	0.08 J	0.1 J	0.05 J	0.05 J	0.07 J	0.2 J	0.3 J	0.1 J	0.1 J	0.2 J	0.05 J	0.1 J	0.04 J	0.1 J
SPLP MOTOR OIL	mg/L	NE	0.1 J	0.2 J	0.2 J	0.1 J	0.1 J	0.2 J	0.4 J	0.5	0.2 J	0.1 J	0.2 J	0.2 J	0.1 J	0.2 J	0.2 J
Pesticides																	
4,4'-DDD	µg/kg	NE	2.5 UJ	2.3 UJ	2.6 UJ	2.5 UJ	2.3 UJ	2.2 UJ	2.5 UJ	2.4 UJ	2.1 UJ	2.3 UJ	2.1 UJ	2.1 UJ	2.4 UJ	2.3 UJ	2.4 UJ
4,4'-DDE	µg/kg	NE	2.5 U	2.3 U	2.6 U	2.5 U	2.3 U	2.2 U	2.5 U	2.4 U	2.1 UJ	2.3 U	2.1 U	2.1 U	2.4 U	2.3 U	2.4 U
4,4'-DDT	µg/kg	NE	2.5 UJ	2.3 UJ	2.6 UJ	2.5 UJ	2.3 UJ	4 J	5 J	2.4 UJ	2.1 UJ	2.3 UJ	2.1 UJ	2.1 UJ	2.4 UJ	2.3 UJ	2.4 UJ
ALDRIN	µg/kg	NE	1.3 U	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U	1.3 U	1.2 U	1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.2 U
ALPHA-BHC	µg/kg	NE	1.3 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1 UJ	1.1 UJ	1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.3 U	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U	1.3 U	1.2 U	1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.2 U
CHLORDANE	µg/kg	NE	64 U	56 U	64 U	62 U	57 U	54 U	64 U	59 U	52 U	57 U	52 U	53 U	59 U	58 U	60 U
DELTA-BHC	µg/kg	NE	1.3 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1 UJ	1.1 UJ	1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ
DIELDRIN	µg/kg	NE	2.5 U	2.3 U	2.6 U	2.5 U	2.3 U	2.2 U	2.5 U	2.4 U	2.1 U	2.3 U	2.1 U	2.1 U	2.4 U	2.3 U	2.4 U
ENDOSULFAN I	µg/kg	NE	1.3 U	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U	1.3 U	1.2 U	1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.2 U
ENDOSULFAN II	µg/kg	NE	2.5 U	2.3 U	2.6 U	2.5 U	2.3 U	2.2 U	2.5 U	2.4 U	2.1 U	2.3 U	2.1 U	2.1 U	2.4 U	2.3 U	2.4 U
ENDOSULFAN SULFATE	µg/kg	NE	6.4 UJ	5.6 UJ	6.4 UJ	6.2 UJ	5.7 UJ	5.4 UJ	6.4 U	5.9 U	5.2 U	5.7 U	5.2 U	5.3 U	5.9 U	5.8 U	6 U
ENDRIN	µg/kg	NE	2.5 U	2.3 U	2.6 U	2.5 U	2.3 U	2.2 U	2.5 U	2.4 U	2.1 U	2.3 U	2.1 U	2.1 U	2.4 U	2.3 U	2.4 U
ENDRIN ALDEHYDE	µg/kg	NE	2.5 U	2.3 U	2.6 U	2.5 U	2.3 U	2.2 U	2.5 UJ	2.4 UJ	2.1 U	2.3 U	2.1 U	2.1 U	2.4 U	2.3 U	2.4 U
ENDRIN KETONE	µg/kg	NE	2.5 UJ	2.3 UJ	2.6 UJ	2.5 UJ	2.3 UJ	2.2 UJ	2.5 U	2.4 U	2.1 UJ	2.3 U	2.1 U	2.1 U	2.4 U	2.3 U	2.4 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.3 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1 UJ	1.1 UJ	1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.3 U	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U	1.3 U	1.2 U	1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.2 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.3 U	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U	1.3 U	1.2 U	1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.2 U
METHOXYCHLOR	µg/kg	NE	13 UJ	11 UJ	13 UJ	12 UJ	11 UJ	11 UJ	13 UJ	12 UJ	10 U	11 U	10 U	11 U	12 U	12 U	12 U
TOXAPHENE	µg/kg	NE	130 U	110 U	130 U	120 U	110 U	110 U	130 U	120 U	100 U	110 U	100 U	110 U	120 U	120 U	120 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-063	0039-064	0039-065	0039-066 (FD)	0039-067	0039-068 (FD)	0039-069	0039-072	0039-075	0039-076	0039-077	0039-078	0039-079	0039-080	0039-081 (FD)
Sample Location			B4 West Sidewall	B4 Floor	B4 South Sidewall	B4 South Sidewall	C5 Floor	C5 Floor	C5 East Sidewall	C5 South Sidewall-1	C1 Floor	C1 East Sidewall	C1 South Sidewall	C1 West Sidewall	C1 North Sidewall	B1 Floor	B1 Floor
Sample Date			7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001
Analyte	**Units**	**Cleanup Goals**															
Polychlorinated Biphenyls																	
AROCLOR 1016	µg/kg	NE	64 U	56 U	64 U	62 U	57 U	54 U	64 U	59 U	52 U	57 U	52 U	53 U	59 U	58 U	60 U
AROCLOR 1221	µg/kg	NE	130 U	110 U	130 U	120 U	110 U	110 U	130 U	120 U	100 U	110 U	100 U	110 U	120 U	120 U	120 U
AROCLOR 1232	µg/kg	NE	64 U	56 U	64 U	62 U	57 U	54 U	64 U	59 U	52 U	57 U	52 U	53 U	59 U	58 U	60 U
AROCLOR 1242	µg/kg	NE	64 U	56 U	64 U	62 U	57 U	54 U	64 U	59 U	52 U	57 U	52 U	53 U	59 U	58 U	60 U
AROCLOR 1248	µg/kg	NE	64 U	56 U	64 U	62 U	57 U	54 U	64 U	59 U	52 U	57 U	52 U	53 U	59 U	58 U	60 U
AROCLOR 1254	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
AROCLOR 1260	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	3 J	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
Volatile Organic Compounds																	
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
1,1-DICHLOROETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
1,1-DICHLOROETHENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
1,2-DICHLOROETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
2-BUTANONE	µg/kg	NE	110 U	95 U	110 U	150 U	120 U	100 U	120 U	96 U	120 U	120 U	100 U	110 U	120 U	120 U	120 U
2-HEXANONE	µg/kg	NE	53 U	47 U	54 U	73 U	60 U	51 U	60 U	48 U	59 U	60 U	52 U	56 U	59 U	59 U	58 U
4-METHYL-2-PENTANONE	µg/kg	NE	53 U	47 U	54 U	73 U	60 U	51 U	60 U	48 U	59 U	60 U	52 U	56 U	59 U	59 U	58 U
ACETONE	µg/kg	NE	110 U	95 U	110 U	150 U	120 U	100 U	120 U	96 U	120 UJ	120 UJ	100 UJ	110 UJ	120 UJ	120 UJ	120 UJ
BENZENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
BROMODICHLOROMETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
BROMOFORM	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
BROMOMETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CARBON DISULFIDE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	7	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CARBON TETRACHLORIDE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CHLOROBENZENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CHLOROETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CHLOROFORM	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CHLOROMETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
ETHYLBENZENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	11 U	9.5 U	11 U	15 U	12 U	10 U	12 U	9.6 U	12 U	12 U	10 U	11 U	12 U	12 U	12 U
METHYLENE CHLORIDE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 UJ	6 UJ	5.2 UJ	5.6 UJ	5.9 UJ	5.9 UJ	5.8 UJ
STYRENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
TETRACHLOROETHENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
TOLUENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
TRICHLOROETHENE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
VINYL ACETATE	µg/kg	NE	53 U	47 U	54 U	73 U	60 U	51 U	60 U	48 U	59 U	60 U	52 U	56 U	59 U	59 U	58 U
VINYL CHLORIDE	µg/kg	NE	5.3 U	4.7 U	5.4 U	7.3 U	6 U	5.1 U	6 U	4.8 U	5.9 U	6 U	5.2 U	5.6 U	5.9 U	5.9 U	5.8 U
XYLENES (TOTAL)	µg/kg	NE	16 U	14 U	16 U	22 U	18 U	15 U	18 U	14 U	18 U	18 U	16 U	17 U	18 U	18 U	17 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-063	0039-064	0039-065	0039-066 (FD)	0039-067	0039-068 (FD)	0039-069	0039-072	0039-075	0039-076	0039-077	0039-078	0039-079	0039-080	0039-081 (FD)
Sample Location			B4 West Sidewall	B4 Floor	B4 South Sidewall	B4 South Sidewall	C5 Floor	C5 Floor	C5 East Sidewall	C5 South Sidewall-1	C1 Floor	C1 East Sidewall	C1 South Sidewall	C1 West Sidewall	C1 North Sidewall	B1 Floor	B1 Floor
Sample Date			7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001
Analyte	Units	Cleanup Goals															
Semivolatile Organic Compounds																	
1 2,4-TRICHLOROBENZENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
1 2-DICHLOROBENZENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
1 3-DICHLOROBENZENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
1 4-DICHLOROBENZENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2 4 5-TRICHLOROPHENOL	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
2 4 6-TRICHLOROPHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2 4-DICHLOROPHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2 4-DIMETHYLPHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2 4-DINITROPHENOL	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
2 4-DINITROTOLUENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2 6-DINITROTOLUENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2-CHLORONAPHTHALENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2-CHLOROPHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2-METHYLPHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
2-NITROANILINE	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
2-NITROPHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	840 U	740 U	840 U	810 U	750 U	710 U	840 U	780 U	680 U	760 U	680 U	710 U	780 U	770 U	790 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
3-NITROANILINE	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
4 6-DINITRO-2-METHYLPHENOL	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
4-CHLOROANILINE	µg/kg	NE	970 U	860 U	970 U	940 U	860 U	820 U	970 U	900 U	780 U	870 U	790 U	810 U	900 U	890 U	910 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
4-NITROANILINE	µg/kg	NE	2000 U	1800 U	2000 U	2000 UJ	1800 UJ	1700 UJ	2000 UJ	1900 UJ	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
4-NITROPHENOL	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
ACENAPHTHENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
ACENAPHTHYLENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
ANTHRACENE	µg/kg	6100	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
BENZ[A]ANTHRACENE	µg/kg	560	32 U	28 U	32 U	31 U	28 U	10 J	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
BENZO[A]PYRENE	µg/kg	56	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
BENZO[B]FLUORANTHENE	µg/kg	560	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
BENZO[G H,I]PERYLENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
BENZO[K]FLUORANTHENE	µg/kg	610	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
CHRYSENE	µg/kg	6100	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	8 J	29 U	30 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
DIBENZOFURAN	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
DIETHYL PHTHALATE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
DIMETHYL PHTHALATE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 UJ	420 U	390 UJ	340 U	380 U	340 U	350 U	390 U	380 U	400 U
FLUORANTHENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	15 J	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
FLUORENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-063	0039-064	0039-065	0039-066 (FD)	0039-067	0039-068 (FD)	0039-069	0039-072	0039-075	0039-076	0039-077	0039-078	0039-079	0039-080	0039-081 (FD)
Sample Location			B4 West Sidewall	B4 Floor	B4 South Sidewall	B4 South Sidewall	C5 Floor	C5 Floor	C5 East Sidewall	C5 South Sidewall-1	C1 Floor	C1 East Sidewall	C1 South Sidewall	C1 West Sidewall	C1 North Sidewall	B1 Floor	B1 Floor
Sample Date			7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001
Analyte	Units	Cleanup Goals															
HEXACHLOROBENZENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
HEXACHLOROBUTADIENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
HEXACHLOROETHANE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
NAPHTHALENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	27 U	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
NITROBENZENE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	840 U	740 U	840 U	810 U	750 U	710 U	840 U	780 U	680 U	760 U	680 U	710 U	780 U	770 U	790 U
PENTACHLOROPHENOL	µg/kg	NE	2000 U	1800 U	2000 U	2000 U	1800 U	1700 U	2000 U	1900 U	1700 U	1800 U	1700 U	1700 U	1900 U	1900 U	1900 U
PHENANTHRENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	8 J	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
PHENOL	µg/kg	NE	420 U	370 U	420 U	410 U	370 U	360 U	420 U	390 U	340 U	380 U	340 U	350 U	390 U	380 U	400 U
PYRENE	µg/kg	NE	32 U	28 U	32 U	31 U	28 U	11 J	32 U	30 U	26 U	29 U	26 U	27 U	29 U	29 U	30 U
Organotin																	
DIBUTYLTIN	µg/kg	NE	13 U	11 U	13 U	12 U	11 U	11 U	13 U	12 U	10 U	11 U	10 U	11 U	12 U	12 U	12 U
MONOBUTYLTIN	µg/kg	NE	13 U	11 U	13 U	12 U	11 U	11 U	13 U	12 U	10 UJ	11 UJ	10 UJ	11 UJ	12 UJ	12 UJ	12 UJ
TETRABUTYLTIN	µg/kg	NE	13 U	11 U	13 U	12 U	11 U	11 U	13 U	12 U	10 U	11 U	10 U	11 U	12 U	12 U	12 U
TRIBUTYLTIN	µg/kg	NE	13 U	11 U	13 U	12 U	11 U	11 U	9 J	12 U	10 U	11 U	10 U	2 J	12 U	12 U	6 J
Dioxins and Furans																	
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	2.5 U	14.9 J	17.8 J	6.8 U	68.7	218	18 J	184 J	363 J	2.3 U	3.5 U	3.3 U	18.4 J	5.4 U	28.7 J
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	3.1 U	2.8 U	4.7 U	1.4 U	16.3 J	13 J	5 U	72.3	13.7 J	0.7 U	0.98 U	0.5 U	1.4 U	0.92 U	1.8 U
1,2,3,4,6,7,8-HPCDD	pg/g	NE	0.7 U	2.5 J	3.1 J	0.54 J	10.8	34	3.2 J	29.2 J	70 J	0.4 U	0.35 J	0.49 J	2.5 J	0.97 J	4.7 J
1,2,3,4,6,7,8-HPCDF	pg/g	NE	0.57 U	1.1 U	1 U	0.44 U	6.1 J	11.1	2.1 U	12	12.6	0.3 U	0.38 U	0.2 U	1.3 U	0.41 U	1 U
1,2,3,4,7,8,9-HPCDF	pg/g	NE	0.4 U	0.5 U	0.7 U	0.4 U	0.93 J	0.4 U	0.5 U	5.1	0.4 U	0.2 U	0.3 U	0.2 U	0.2 U	0.1 U	0.21 J
1,2,3,4,7,8-HXCDD	pg/g	NE	0.4 U	0.4 U	0.7 U	0.4 U	0.7 U	1.2 J	0.5 U	0.7 J	0.84 J	0.2 U	0.3 U	0.2 U	0.2 U	0.1 U	0.31 J
1,2,3,4,7,8-HXCDF	pg/g	NE	0.32 U	0.3 U	0.4 U	0.3 U	2.8 U	4.7 U	0.46 U	5	1.3 U	0.1 U	0.08 U	0.1 U	0.1 U	0.18 U	0.36 U
1,2,3,6,7,8-HXCDD	pg/g	NE	0.5 U	0.4 U	0.7 U	0.4 U	0.59 J	1.5 J	0.5 U	1.1 J	3.5 J	0.2 U	0.3 U	0.2 U	0.2 U	0.1 U	0.32 J
1,2,3,6,7,8-HXCDF	pg/g	NE	0.3 U	0.3 U	0.5 U	0.3 U	1.1 J	1.7 J	0.37 J	2.6 J	1.1 J	0.1 U	0.2 U	0.1 U	0.1 U	0.07 U	0.19 J
1,2,3,7,8,9-HXCDD	pg/g	NE	0.4 U	0.4 U	0.7 U	0.4 U	1.1 J	3.4 J	0.51 J	2.3 J	1.6 J	0.2 U	0.3 U	0.2 U	0.28 J	0.12 J	0.57 J
1,2,3,7,8,9-HXCDF	pg/g	NE	0.4 U	0.4 U	0.6 U	0.3 U	0.5 U	0.3 U	0.4 U	1.5 J	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.08 U	0.19 J
1,2,3,7,8-PECDD	pg/g	NE	0.4 U	0.4 U	0.6 U	0.4 U	0.5 U	0.81 J	0.3 U	0.24 J	0.2 U	0.09 U	0.2 U	0.1 U	0.1 U	0.09 U	0.1 U
1,2,3,7,8-PECDF	pg/g	NE	0.3 U	0.3 U	0.4 U	0.2 U	1.3 J	0.81 J	0.2 U	2.5 J	0.17 J	0.08 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U
2,3,4,6,7,8-HXCDF	pg/g	NE	0.3 U	0.3 U	0.4 U	0.3 U	1.3 J	2.5 J	0.3 U	1.5 J	1.4 J	0.1 U	0.2 U	0.1 U	0.12 J	0.07 U	0.21 J
2,3,4,7,8-PECDF	pg/g	NE	0.3 U	0.3 U	0.4 U	0.2 U	0.8 J	1.6 J	0.2 U	0.73 J	0.36 J	0.08 U	0.1 U	0.1 U	0.1 U	0.07 U	0.22 J
2,3,7,8-TCDD	pg/g	NE	0.3 U	0.3 U	0.6 U	0.3 U	0.4 U	0.3 U	0.2 U	0.34 J	0.1 U	0.08 U	0.1 U	0.1 U	0.2 U	0.09 U	0.09 U
2,3,7,8-TCDF	pg/g	NE	0.2 U	0.3 U	0.4 U	0.2 U	1.3 J	2.7 J	0.31 U	1.6 J	0.52 U	0.14 U	0.22 U	0.08 U	0.1 U	0.07 U	0.27 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	0.00E+00	3.99E-08	4.88E-08	5.40E-09	1.27E-06	3.23E-06	1.38E-07	3.30E-06	2.24E-06	0.00E+00	3.50E-09	4.90E-09	8.38E-08	2.17E-08	3.67E-07
Radiochemistry																	
GROSS ALPHA	pCi/g	NE	6.43	2.8 U	2.57	6.72	1.98	3.48	-0.133 U	7.54	3.01	1.77 U	2.16	3.78	4.9	1.83	1.7 U
GROSS BETA	pCi/g	NE	11.9	14.5 U	7.29	17.9	11.2	12	6	21.5	16	7.46	7.35	10.4 U	13.5 U	11.6	12.6 U
ACTINIUM-227	pCi/g	NE	-0.164 U	-0.151 U	0.14 U	-0.272 U	-0.123 U	0.0592 U	0.106 U	-0.09 U	-0.0351 U	0.01 U	-0.356 U	-0.15 U	0.145 U	0.0681 U	-0.0307 U
ACTINIUM-228	pCi/g	NE	0.709	0.531	0.947	0.633	0.507	0.676	0.598	0.884	0.274	0.548	0.547	0.587	0.638	0 U	0.422
AMERICIUM-241	pCi/g	NE	0.00811 U	-0.0245 U	0.039 U	0.0811 U	0.00469 U	0.0373 U	0.000481 U	0.0757 U	0.00555 U	0.00392 U	-0.0949 U	0.0247 U	0.0787 U	0.034 U	-0.0102 U
ANTIMONY-124	pCi/g	NE	0.00207 U	-0.0107 U	0.00138 U	-0.044 U	-0.0061 U	-0.006 U	-0.0134 U	-0.00653 U	0.00592 U	0.00601 U	-0.00425 U	0.000348 U	-0.0522 U	-0.012 U	0.0103 U
ANTIMONY-125	pCi/g	NE	0.0139 U	-0.0111 U	0.00709 U	-0.00746 U	0.0195 U	0.00342 U	0.0183 U	-0.000524 U	0.00904 U	0.0152 U	0.00804 U	0.00912 U	0.0123 U	-0.00657 U	-0.0219 U
BARIUM-133	pCi/g	NE	-0.015 U	-0.00408 U	0.0231 U	0.0022 U	-0.187 U	-0.000149 U	0.00763 U	-0.00348 U	-0.0418 U	-0.0118 U	0.00194 U	-0.00352 U	0.0124 U	0.0104 U	0.00942 U
BARIUM-140	pCi/g	NE	-0.0655 U	-0.0841 U	-0.055 U	0.0206 U	-0.0848 U	0.021 U	0.111 U	0.00249 U	-0.0326 U	0.0616 U	0.225 U	0.0197 U	0.0889 U	0.0694 U	0.0117 U
BERYLLIUM-7	pCi/g	NE	-0.242 U	-0.0684 U	0.0499 U	0.116 U	0.0156 U	0.0188 U	0.0397 U	-0.0204 U	-0.0841 U	-0.0285 U	-0.0737 U	0.000985 U	-0.0187 U	0.0674 U	0.0548 U
BISMUTH-212	pCi/g	NE	0.769	0.329	0.547	0.196 U	0.149 U	0.409	0.421	0.688	0.265	0.393	0.38 U	0.288 U	0.428 U	0.0949 U	0.403

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-063	0039-064	0039-065	0039-066 (FD)	0039-067	0039-068 (FD)	0039-069	0039-072	0039-075	0039-076	0039-077	0039-078	0039-079	0039-080	0039-081 (FD)
Sample Location			B4 West Sidewall	B4 Floor	B4 South Sidewall	B4 South Sidewall	C5 Floor	C5 Floor	C5 East Sidewall	C5 South Sidewall-1	C1 Floor	C1 East Sidewall	C1 South Sidewall	C1 West Sidewall	C1 North Sidewall	B1 Floor	B1 Floor
Sample Date			7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/23/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001
Analyte	Units	Cleanup Goals															
BISMUTH-214	pCi/g	NE	0.627	0.462	0.565	0.661	0.432	0.384	0.46	0.567	0.217	0.425	0.64	0.352	0 U	0 U	0.283
CERIUM-139	pCi/g	NE	-0.0203 U	0.00158 U	-0.00195 U	-0.0189 U	0.00401 U	0.000408 U	0.00206 U	-0.00761 U	-0.00636 U	-0.00395 U	0.00834 U	-0.0217 U	-0.0043 U	0.0152 U	-0.00712 U
CERIUM-141	pCi/g	NE	0.0591 U	0.0052 U	0.0093 U	0.0108 U	0.0178 U	0.0492 U	0.0125 U	0.0192 U	-0.0086 U	0.00782 U	0.0317 U	0.0117 U	0.0194 U	0.0237 U	0.0118 U
CERIUM-144	pCi/g	NE	-0.045 U	0.0181 U	0.0213 U	-0.00817 U	-0.00411 U	-0.0385 U	0.0148 U	0.0864 U	0.0245 U	0.0312 U	0.102 U	-0.0513 U	0.0613 U	0.121 U	-0.034 U
CESIUM-134	pCi/g	NE	-0.06 U	-0.0211 U	-0.00142 U	0.00108 U	-0.00419 U	-0.0114 U	0.00312 U	0.00303 U	0.00234 U	0.00204 U	-0.0127 U	0.00741 U	0.00183 U	-0.00469 U	-0.00973 U
CESIUM-136	pCi/g	NE	-0.332 U	0.0807 U	-0.0333 U	0.0303 U	0.0566 U	0.0206 U	-0.028 U	0.0101 U	0.00126 U	0.0097 U	-0.0358 U	-0.0529 U	0.0643 U	-0.0561 U	0.0225 U
CESIUM-137	pCi/g	NE	0.0132 U	0.0307 U	0.0102 U	0 U	-0.00223 U	0.0237 U	0.0092 U	0.0068 U	0.00767 U	-0.00123 U	0 U	0.00809 U	0.0121 U	0 U	0.000653 U
CHROMIUM-51	pCi/g	NE	-0.0787 U	0.133 U	-0.131 U	0.237 U	0.0457 U	0.073 U	-0.104 U	0.117 U	0.0113 U	0.0411 U	-0.0832 U	0.157 U	0.108 U	0.216 U	0.0586 U
COBALT-56	pCi/g	NE	0.0395 U	-0.0302 U	-0.0113 U	-0.0355 U	-0.0268 U	-0.00581 U	0.00904 U	0.00771 U	-0.00628 U	-0.0034 U	0.000748 U	-0.00269 U	0.0185 U	0.00248 U	-0.00494 U
COBALT-57	pCi/g	NE	0.00317 U	-0.00061 U	-0.00155 U	0.00438 U	-0.00741 U	0.00092 U	0.00252 U	0.000429 U	-0.00062 U	-0.00212 U	0.012 U	3.57E-05 U	0.00291 U	-0.0188 U	0.00153 U
COBALT-58	pCi/g	NE	-0.0201 U	-0.00954 U	0.00344 U	-0.00637 U	-0.0246 U	0.0141 U	0.00234 U	-0.0108 U	0.00105 U	-0.00703 U	-0.000175 U	-0.00841 U	-0.0239 U	0.00178 U	-0.0095 U
COBALT-60	pCi/g	NE	-0.00888 U	0.00873 U	0.00263 U	0.0125 U	0.0169 U	0.0182 U	0.00587 U	0.0023 U	0.00243 U	0.015 U	-0.00115 U	0.0145 U	-0.00427 U	0.00403 U	0.00778 U
EUROPIUM-152	pCi/g	NE	0.018 U	-0.00489 U	-0.00732 U	-0.012 U	-0.00321 U	-0.0246 U	-0.0103 U	-0.0112 U	-0.0223 U	-0.0192 U	-0.0525 U	-0.0103 U	-0.09 U	-0.0863 U	0.00369 U
EUROPIUM-154	pCi/g	NE	0.0192 U	-0.00028 U	-0.00197 U	0.0219 U	0.0388 U	-0.0473 U	0.0285 U	-0.0168 U	0.00813 U	0.00984 U	-0.0233 U	0.0399 U	-0.0257 U	0.0246 U	0.0217 U
EUROPIUM-155	pCi/g	NE	0.086 U	-0.0192 U	0.0201 U	0.00574 U	0.0436 U	0.0015 U	0.0209 U	0.0689 U	0.024 U	0.044 U	-0.0238 U	0.0487 U	0.053 U	0.0111 U	0.0744 U
IODINE-131	pCi/g	NE	0.17 U	-0.0172 U	-0.0237 U	-0.0672 U	-0.0365 U	-0.0743 U	-0.00301 U	0.0191 U	-3.31E-05 U	0.0302 U	-0.00943 U	-0.0367 U	0.05 U	0.00211 U	-0.0291 U
IRIDIUM-192	pCi/g	NE	-0.026 U	0.00446 U	0.0059 U	-0.0214 U	-0.0151 U	-0.00901 U	0.0148 U	-0.0022 U	-0.0027 U	-0.00739 U	-0.000395 U	-0.0121 U	0.000651 U	-0.00396 U	0.000838 U
IRON-59	pCi/g	NE	-0.1 U	-0.023 U	-0.0256 U	0.0204 U	-0.0356 U	-3.87E-05 U	-0.0239 U	-0.0435 U	0.0179 U	-0.0344 U	-0.00262 U	0.00444 U	-0.0637 U	0.00978 U	-0.02 U
LEAD-210	pCi/g	NE	0.689	3.88 U	0.64 U	0.604 U	0.468	1.66 U	1.44 U	2.84 U	0.727 U	0.552	0.562 U	0.259 U	0.837 U	0.647 U	-0.92 U
LEAD-212	pCi/g	NE	0.859	0.601	0.977	0.801	0.561	0.683	0.732	0.964	0.284	0.653	0.572	0.52	0.665	0.449	0.419
LEAD-214	pCi/g	NE	0.614	0.497	0.721	0.576	0.481	0.493	0.626	0.697	0.238	0.428	0.469	0.439	0.643	0.294	0.316
MANGANESE-54	pCi/g	NE	0.0358 U	0.0178 U	0.00924 U	0.0165 U	-0.00381 U	0.00768 U	0.0194 U	0.0199 U	0.00431 U	-0.00186 U	0.00629 U	-0.0141 U	0.000539 U	-0.0152 U	-0.00124 U
MERCURY-203	pCi/g	NE	0.0201 U	-0.00599 U	0.0154 U	0.044 U	0.0109 U	0 U	0.0224 U	0 U	-0.00432 U	0.0199 U	0.0227 U	0.0194 U	0.0425 U	0.00584 U	0.00117 U
NEODYMIUM-147	pCi/g	NE	-1.02 U	-0.153 U	0.00561 U	0.296 U	-0.126 U	-0.0756 U	-0.0589 U	-0.211 U	-0.0802 U	-0.0818 U	-0.119 U	-0.108 U	0.514 U	0.0526 U	0.184 U
NEPTUNIUM-239	pCi/g	NE	0.00922 U	-0.0345 U	-0.0287 U	-0.111 U	0.0256 U	0.00954 U	0.00193 U	-0.0684 U	-0.00262 U	-0.00763 U	0.0309 U	-0.0224 U	-0.189 U	0.00423 U	0.104 U
NIOBIUM-94	pCi/g	NE	0.00548 U	0.00222 U	-0.00404 U	0.0126 U	0.00321 U	0.00794 U	0.00477 U	0.00169 U	-0.00701 U	0.00893 U	0.0209 U	0.00384 U	-0.00163 U	-0.000969 U	-0.000212 U
NIOBIUM-95	pCi/g	NE	-0.0461 U	-0.00292 U	0.0392 U	0.0231 U	-0.0387 U	0 U	0.0354 U	0.00647 U	0.0228 U	0 U	0.00937 U	-0.0161 U	0.0474 U	0 U	-0.00989 U
POTASSIUM-40	pCi/g	NE	16.1	14	18.2	14.3	13.4	13.7	16.6	17.1	13.5	12.3	12	12.7	11.9	13.4	13.6
PROMETHIUM-144	pCi/g	NE	-0.00784 U	0.00879 U	0.00212 U	-0.0018 U	0.00823 U	0.00167 U	-0.000545 U	0.00342 U	-0.00212 U	0.00295 U	-0.0212 U	-0.00395 U	-0.0101 U	0.0141 U	0.00552 U
PROMETHIUM-146	pCi/g	NE	-0.00563 U	0.00947 U	0.000488 U	0.0137 U	0.0309 U	-0.0123 U	0.00191 U	0.00229 U	-0.00161 U	0.0167 U	-0.0223 U	0.0101 U	0.0101 U	0.0274 U	-0.00126 U
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	0.709	0.531	0.947	0.633	0.507	0.676	0.598	0.884	0.274	0.548	0.547	0.587	0.638	0 U	0.422
RUTHENIUM-106	pCi/g	NE	0.212 U	0.0913 U	0.00448 U	-0.145 U	0.00055 U	0.0461 U	-0.00823 U	-0.0118 U	0.0317 U	-0.152 U	0.0214 U	0.00754 U	-0.105 U	0.0162 U	0.092 U
SILVER-110M	pCi/g	NE	0.000169 U	-0.00612 U	-0.00178 U	-0.098 U	-0.0101 U	-0.00271 U	-0.0117 U	0.00143 U	-0.00648 U	0.0173 U	0.0266 U	0.00839 U	0.00461 U	-0.0818 U	0.00276 U
SODIUM-22	pCi/g	NE	0.00645 U	-5.14E-05 U	-0.002 U	0.00795 U	0.0138 U	-0.0171 U	0.0159 U	-0.00603 U	0.00298 U	0.00349 U	-0.0081 U	0.0143 U	-0.00919 U	0.00859 U	0.00777 U
THALLIUM-208	pCi/g	NE	0.292	0.184	0.256	0.238	0.165	0.19	0.213	0.278	0.0962	0.199	0.272	0.188	0.262	0.14	0.123
THORIUM-230	pCi/g	NE	0.627	0.462	0.565	0.661	0.432	0.384	0.46	0.567	0.217	0.425	0.64	0.352	0.721	0.297	0.283
THORIUM-234	pCi/g	NE	0.751	0.957 U	1	1.38	0.95	0.164 U	0.0706 U	1.64	0.32 U	0.787	0 U	0.717	0.91 U	0.446 U	0.86 U
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	-0.00118 U	0.00825 U	-0.00602 U	-0.0226 U	-0.00506 U	-0.0182 U	0.00179 U	0.00566 U	-0.00429 U	-0.00617 U	0.00622 U	0.00406 U	-0.00414 U	0.00159 U	-0.024 U
URANIUM-235	pCi/g	NE	0.105 U	0.0428 U	0.0381 U	0.24 U	0.0639 U	0 U	0.0518 U	0.0743 U	0.0844 U	0.03 U	0.0328 U	0.0425 U	0.0133 U	0.276 U	0.0573 U
URANIUM-238	pCi/g	NE	0.751	0.957 U	1	1.38	0.95	0.164 U	0.0706 U	1.64	0.32 U	0.787	0 U	0.717	0.91 U	0.446 U	0.86 U
YTTRIUM-88	pCi/g	NE	-0.0167 U	0.0122 U	-0.000202 U	0.00314 U	0.0135 U	0.00507 U	-0.00527 U	-0.000119 U	0.000479 U	0.0154 U	0.01 U	-0.00632 U	-0.00872 U	-0.0134 U	0.00238 U
ZINC-65	pCi/g	NE	-0.0201 U	-0.00166 U	0.0205 U	-0.0765 U	-0.00229 U	0.00954 U	0.027 U	-0.0183 U	0.00161 U	-0.0669 U	0.068 U	0.0181 U	-0.0142 U	0.0691 U	-0.00062 U
ZIRCONIUM-95	pCi/g	NE	-0.012 U	-0.0214 U	0.0509 U	0.0205 U	0.0377 U	0 U	0.0399 U	0.0151 U	0.0199 U	-0.000795 U	-0.0134 U	0.00746 U	0.00709 U	0.0141 U	-0.0145 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-082	0039-083	0039-084	0039-085	0039-102	0039-103	0039-104	0039-105 (FD)	0039-106	0039-110	0039-111	0039-112	0039-113	0039-114
Sample Location			B1 North Sidewall	B1 West Sidewall	B1 South Sidewall	B1 East Sidewall	C5 North Sidewall-4	C5 West Sidewall-4	C5 South Sidewall-2	C5 South Sidewall-2	C5 Floor	C5N South Sidewall	C5N West Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			7/24/2001	7/24/2001	7/24/2001	7/24/2001	5/30/2002	5/30/2002	5/30/2002	5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	**Units**	**Cleanup Goals**														
Metals																
HEXAVALENT CHROMIUM	mg/kg	0.2	0.21 U	0.21 U	0.21 U	0.22 U	0.6	0.9 J	0.3 U	0.28 U	0.22 U	0.4	0.25 U	0.3	0.4	0.3
ANTIMONY	mg/kg	NE	5.2 U	5.2 U	5.3 U	5.6 U	0.86 J	0.96 J	0.81 J	0.41 J	5.6 U	5.4 U	6.3 U	5.8 U	5.9 U	5.5 U
ARSENIC	mg/kg	9.05	0.58	0.6	0.54	2	4	5.3	7.3 J	3.8 J	0.68 J	1.6	4.4	0.85	0.68	2.2
BARIUM	mg/kg	NE	22.7	13	20.8	108	153	109	170	159	49.1	88.4 J	157 J	31.1 J	31.3 J	77.9 J
BERYLLIUM	mg/kg	NE	0.21 U	0.21 U	0.21 U	0.22 U	0.24 U	0.22 U	0.3 U	0.28 U	0.22 U	0.22 U	0.25 U	0.23 U	0.24 U	0.22 U
CADMIUM	mg/kg	NE	0.014 J	0.21 U	0.21 U	0.057 J	0.28	0.047 J	0.25 J	0.056 J	0.22 U	0.086 J	0.11 J	0.062 J	0.078 J	0.12 J
CHROMIUM	mg/kg	NE	5.3	4.8	5.5	16.6	35.4	31.5	52	34.8	7.6	12.2	22.7	11.5	7	12.4
COBALT	mg/kg	NE	2.4	1.9	1.8	11.8	11.9	12.4	16.5	15.1	2.9	7.5	14.1	3.2	3.1	7.4
COPPER	mg/kg	NE	2.9	2.3	2.4	12.4	133	22.6	38.3	26	4	8.2	18.9	3.5	4	8.9
LEAD	mg/kg	130	1	0.75	0.7	4.6	544	8.9	17.3	10.6	1.1	1.7	3.3	1.2	1.1	2.2
MERCURY	mg/kg	NE	0.21 U	0.21 U	0.21 U	0.22 U	0.55	0.11 J	0.37	0.14 J	0.033 J	0.021 J	0.034 J	0.014 J	0.013 J	0.029 J
MOLYBDENUM	mg/kg	NE	0.21 U	0.21 U	0.21 U	0.22 U	0.12 J	0.22 U	0.1 J	0.28 U	0.22 U	0.22 U	0.25 U	0.23 U	0.24 U	0.22 U
NICKEL	mg/kg	NE	1.6	1.3	1.4	9.3	12.1	12.3	19.3	14.2	2.1	4.5	9.3	1.9	1.9	4.9
SELENIUM	mg/kg	NE	0.22 J	0.52 U	0.53 U	0.79	0.42 J	0.17 J	0.23 J	0.7 U	0.56 U	0.54 U	0.63 U	0.58 U	0.59 U	0.55 U
SILVER	mg/kg	NE	0.52 U	0.52 U	0.53 U	0.56 U	0.071 J	0.56 U	0.19 J	0.7 U	0.56 U	0.54 U	0.63 U	0.58 U	0.59 U	0.55 U
THALLIUM	mg/kg	NE	0.52 U	0.52 U	0.53 U	0.56 U	0.6 U	0.56 U	0.75 U	0.7 U	0.56 U	0.54 U	0.63 U	0.58 U	0.59 U	0.55 U
VANADIUM	mg/kg	NE	20.1	17.7	20.5	44.9	64.4	81.1	104	93.1	27.8	40.1	67.5	45.7	25.7	36.4
ZINC	mg/kg	NE	7.4 J	4.7 J	6.1 J	38.8 J	206	60.4	97.7	71.2	9.2	22.7	47.7	8.6	8.4	24.2
Total Petroleum Hydrocarbons																
DIESEL	mg/kg	NE	10 U	10 U	11 U	11 U	48	11 U	33	14 U	11 U	11 U	13 U	12 U	12 U	11 U
MOTOR OIL	mg/kg	NE	10 U	10 U	11 U	11 U	210	24	58	21	11 U	11 U	13 U	12 U	12 U	11 U
SPLP DIESEL	mg/L	NE	0.05 J	0.08 J	0.06 J	0.06 J	0.5 U	0.6	0.5	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SPLP MOTOR OIL	mg/L	NE	0.2 J	0.2 J	0.1 J	0.2 J	0.6	1	0.9	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Pesticides																
4,4'-DDD	µg/kg	NE	2.1 UJ	2.1 UJ	2.1 UJ	2.2 UJ	4	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
4,4'-DDE	µg/kg	NE	2.1 UJ	2.1 UJ	2.1 UJ	2.2 UJ	3	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
4,4'-DDT	µg/kg	NE	2.1 UJ	2.1 UJ	2.1 UJ	2.2 UJ	8	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
ALDRIN	µg/kg	NE	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.5 U	1.4 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
ALPHA-BHC	µg/kg	NE	1 UJ	1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.5 UJ	1.4 UJ	1.1 UJ	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.5 U	1.4 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
CHLORDANE	µg/kg	NE	52 U	52 U	53 U	56 U	60 U	56 U	75 U	70 U	56 U	54 U	63 U	58 U	59 U	55 U
DELTA-BHC	µg/kg	NE	1 UJ	1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.5 UJ	1.4 UJ	1.1 UJ	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
DIELDRIN	µg/kg	NE	2.1 U	2.1 U	2.1 U	2.2 U	2.4 U	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
ENDOSULFAN I	µg/kg	NE	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.5 U	1.4 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
ENDOSULFAN II	µg/kg	NE	2.1 U	2.1 U	2.1 U	2.2 U	2.4 U	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
ENDOSULFAN SULFATE	µg/kg	NE	5.2 U	5.2 U	5.3 U	5.6 U	6 U	5.6 U	7.5 U	7 U	5.6 U	5.4 U	6.3 U	5.8 U	5.9 U	5.5 U
ENDRIN	µg/kg	NE	2.1 U	2.1 U	2.1 U	2.2 U	2.4 U	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
ENDRIN ALDEHYDE	µg/kg	NE	2.1 U	2.1 U	2.1 U	2.2 U	3	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
ENDRIN KETONE	µg/kg	NE	2.1 UJ	2.1 UJ	2.1 UJ	2.2 UJ	2.4 U	2.2 U	3 U	2.8 U	2.2 U	2.2 U	2.5 U	2.3 U	2.4 U	2.2 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1 UJ	1 UJ	1.1 UJ	1.1 UJ	1.2 U	1.1 U	1.5 U	1.4 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.5 U	1.4 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.5 U	1.4 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U
METHOXYCHLOR	µg/kg	NE	10 U	10 U	11 U	11 U	12 UJ	11 UJ	15 UJ	14 UJ	11 UJ	11 U	13 U	12 U	12 U	11 U
TOXAPHENE	µg/kg	NE	100 U	100 U	110 U	110 U	120 U	110 U	150 U	140 U	110 U	110 U	130 U	120 U	120 U	110 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-082	0039-083	0039-084	0039-085	0039-102	0039-103	0039-104	0039-105 (FD)	0039-106	0039-110	0039-111	0039-112	0039-113	0039-114
Sample Location			B1 North Sidewall	B1 West Sidewall	B1 South Sidewall	B1 East Sidewall	C5 North Sidewall-4	C5 West Sidewall-4	C5 South Sidewall-2	C5 South Sidewall-2	C5 Floor	C5N South Sidewall	C5N West Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			7/24/2001	7/24/2001	7/24/2001	7/24/2001	5/30/2002	5/30/2002	5/30/2002	5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	**Units**	**Cleanup Goals**														
Polychlorinated Biphenyls																
AROCLOR 1016	µg/kg	NE	52 U	52 U	53 U	56 U	60 U	56 U	75 U	70 U	56 U	54 U	63 U	58 U	59 U	55 U
AROCLOR 1221	µg/kg	NE	100 U	100 U	110 U	110 U	120 U	110 U	150 U	140 U	110 U	110 U	130 U	120 U	120 U	110 U
AROCLOR 1232	µg/kg	NE	52 U	52 U	53 U	56 U	60 U	56 U	75 U	70 U	56 U	54 U	63 U	58 U	59 U	55 U
AROCLOR 1242	µg/kg	NE	52 U	52 U	53 U	56 U	60 U	56 U	75 U	70 U	56 U	54 U	63 U	58 U	59 U	55 U
AROCLOR 1248	µg/kg	NE	52 U	52 U	53 U	56 U	60 U	56 U	75 U	70 U	56 U	54 U	63 U	58 U	59 U	55 U
AROCLOR 1254	µg/kg	NE	26 U	26 U	26 U	28 U	30 U	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
AROCLOR 1260	µg/kg	NE	26 U	26 U	26 U	28 U	42	28 U	37 U	3 J	28 U	27 U	32 U	29 U	30 U	28 U
Volatile Organic Compounds																
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
1,1-DICHLOROETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
1,1-DICHLOROETHENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
1,2-DICHLOROETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
2-BUTANONE	µg/kg	NE	120 U	93 U	110 U	100 U	120 UJ	120 UJ	140 UJ	150 UJ	110 UJ	140 U	130 U	120 U	120 U	110 U
2-HEXANONE	µg/kg	NE	59 U	47 U	57 U	51 U	61 U	59 U	72 U	75 U	57 U	68 U	65 U	61 U	61 U	54 U
4-METHYL-2-PENTANONE	µg/kg	NE	59 U	47 U	57 U	51 U	61 U	59 U	72 U	75 U	57 U	68 U	65 U	61 U	61 U	54 U
ACETONE	µg/kg	NE	120 UJ	93 UJ	110 UJ	100 UJ	120 U	120 U	140 U	150 U	110 U	140 UJ	130 UJ	120 UJ	120 UJ	14 J
BENZENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
BROMODICHLOROMETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
BROMOFORM	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
BROMOMETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
CARBON DISULFIDE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 UJ	6.5 UJ	6.1 UJ	6.1 UJ	5.4 UJ
CARBON TETRACHLORIDE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5 J
CHLOROBENZENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
CHLOROETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
CHLOROFORM	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
CHLOROMETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
ETHYLBENZENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	12 U	9.3 U	11 U	10 U	12 U	12 U	14 U	15 U	11 U	14 U	13 U	12 U	12 U	11 U
METHYLENE CHLORIDE	µg/kg	NE	5.9 UJ	4.7 UJ	5.7 UJ	5.1 UJ	5 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
STYRENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
TETRACHLOROETHENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
TOLUENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
TRICHLOROETHENE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
VINYL ACETATE	µg/kg	NE	59 U	47 U	57 U	51 U	61 U	59 U	72 U	75 U	57 U	68 U	65 U	61 U	61 U	54 U
VINYL CHLORIDE	µg/kg	NE	5.9 U	4.7 U	5.7 U	5.1 U	6.1 U	5.9 U	7.2 U	7.5 U	5.7 U	6.8 U	6.5 U	6.1 U	6.1 U	5.4 U
XYLENES (TOTAL)	µg/kg	NE	18 U	14 U	17 U	15 U	18 U	18 U	22 U	23 U	17 U	21 U	20 U	18 U	18 U	16 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-082	0039-083	0039-084	0039-085	0039-102	0039-103	0039-104	0039-105 (FD)	0039-106	0039-110	0039-111	0039-112	0039-113	0039-114
Sample Location			B1 North Sidewall	B1 West Sidewall	B1 South Sidewall	B1 East Sidewall	C5 North Sidewall-4	C5 West Sidewall-4	C5 South Sidewall-2	C5 South Sidewall-2	C5 Floor	C5N South Sidewall	C5N West Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			7/24/2001	7/24/2001	7/24/2001	7/24/2001	5/30/2002	5/30/2002	5/30/2002	5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	Units	Cleanup Goals														
Semivolatile Organic Compounds																
1,2,4-TRICHLOROBENZENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
1,2-DICHLOROBENZENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
1,3-DICHLOROBENZENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
1,4-DICHLOROBENZENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2,4-DICHLOROPHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2,4-DIMETHYLPHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2,4-DINITROPHENOL	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	3000 U	2800 U	3700 U	3500 U	2800 U	2700 U	3200 U	2900 U	3000 U	2800 U
2,4-DINITROTOLUENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2,6-DINITROTOLUENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2-CHLORONAPHTHALENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2-CHLOROPHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2-METHYLPHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
2-NITROANILINE	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
2-NITROPHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	690 U	680 U	690 U	730 U	800 U	740 U	990 U	930 U	740 U	710 U	840 U	770 U	780 U	730 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
3-NITROANILINE	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
4-CHLOROANILINE	µg/kg	NE	790 U	790 U	800 U	840 U	920 U	850 U	1100 U	1100 U	850 U	820 U	960 U	890 U	900 U	840 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
4-NITROANILINE	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
4-NITROPHENOL	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
ACENAPHTHENE	µg/kg	NE	26 U	26 U	26 U	28 U	60 U	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
ACENAPHTHYLENE	µg/kg	NE	26 U	26 U	26 U	28 U	20 J	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
ANTHRACENE	µg/kg	6100	26 U	26 U	26 U	28 U	85	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
BENZ[A]ANTHRACENE	µg/kg	560	26 U	26 U	26 U	28 U	410	8 J	15 J	10 J	28 U	27 U	32 U	29 U	30 U	28 U
BENZO[A]PYRENE	µg/kg	56	26 U	26 U	26 U	28 U	410	28 U	19 J	35 U	28 U	27 U	32 U	29 U	30 U	28 U
BENZO[B]FLUORANTHENE	µg/kg	560	26 U	26 U	26 U	28 U	690	28 U	21 J	35 U	28 U	27 U	32 U	29 U	30 U	28 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	26 U	26 U	26 U	28 U	330	28 U	16 J	35 U	28 U	27 U	32 U	29 U	30 U	28 U
BENZO[K]FLUORANTHENE	µg/kg	610	26 U	26 U	26 U	28 U	210	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	340 U	340 U	350 U	370 U	420	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
CHRYSENE	µg/kg	6100	26 U	26 U	26 U	28 U	600	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
DIBENZ[A,H]ANTHRACENE	µg/kg	56	26 U	26 U	26 U	28 U	91	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
DIBENZOFURAN	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
DIETHYL PHTHALATE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
DIMETHYL PHTHALATE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
FLUORANTHENE	µg/kg	NE	26 U	26 U	26 U	28 U	800	28 U	15 J	35 U	28 U	27 U	32 U	29 U	30 U	28 U
FLUORENE	µg/kg	NE	26 U	26 U	26 U	28 U	60 U	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-082	0039-083	0039-084	0039-085	0039-102	0039-103	0039-104	0039-105 (FD)	0039-106	0039-110	0039-111	0039-112	0039-113	0039-114
Sample Location			B1 North Sidewall	B1 West Sidewall	B1 South Sidewall	B1 East Sidewall	C5 North Sidewall-4	C5 West Sidewall-4	C5 South Sidewall-2	C5 South Sidewall-2	C5 Floor	C5N South Sidewall	C5N West Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			7/24/2001	7/24/2001	7/24/2001	7/24/2001	5/30/2002	5/30/2002	5/30/2002	5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	Units	Cleanup Goals														
HEXACHLOROBENZENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
HEXACHLOROBUTADIENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
HEXACHLOROETHANE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	26 U	26 U	26 U	28 U	250	28 U	11 J	35 U	28 U	27 U	32 U	29 U	30 U	28 U
NAPHTHALENE	µg/kg	NE	26 U	26 U	26 U	28 U	60 U	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
NITROBENZENE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	690 U	680 U	690 U	730 U	800 U	740 U	990 U	930 U	740 U	710 U	840 U	770 U	780 U	730 U
PENTACHLOROPHENOL	µg/kg	NE	1700 U	1700 U	1700 U	1800 U	1900 U	1800 U	2400 U	2300 U	1800 U	1700 U	2000 U	1900 U	1900 U	1800 U
PHENANTHRENE	µg/kg	NE	26 U	26 U	26 U	28 U	210	28 U	37 U	35 U	28 U	27 U	32 U	29 U	30 U	28 U
PHENOL	µg/kg	NE	340 U	340 U	350 U	370 U	400 U	370 U	490 U	470 U	370 U	360 U	420 U	390 U	390 U	370 U
PYRENE	µg/kg	NE	26 U	26 U	26 U	28 U	600	28 U	13 J	35 U	28 U	27 U	32 U	29 U	30 U	28 U
Organotin																
DIBUTYLTIN	µg/kg	NE	10 U	10 U	11 U	11 U	12 U	11 U	15 U	14 U	11 U	11 U	13 U	12 U	12 U	11 U
MONOBUTYLTIN	µg/kg	NE	10 UJ	10 UJ	11 UJ	11 UJ	12 U	11 U	15 U	14 U	11 U	11 U	13 U	12 U	12 U	11 U
TETRABUTYLTIN	µg/kg	NE	10 U	10 U	11 U	11 U	12 U	11 U	15 U	14 U	11 U	11 U	13 U	12 U	12 U	11 U
TRIBUTYLTIN	µg/kg	NE	10 U	10 U	6 J	11 U	12 U	11 U	15 U	14 U	11 U	11 U	13 U	12 U	12 U	11 U
Dioxins and Furans																
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	1 3 U	1 3 U	1 3 U	0 95 U	5940 J	21 3	12 4	26 8	1 2 U	2 3 J	2 9 J	0 8 U	0 6 U	0 9 U
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	0 6 U	1 4 U	4 2 U	8 4 U	231	1 8 J	2 U	2 6 J	0 9 U	0 4 U	0 5 U	0 6 U	0 4 U	0 6 U
1,2,3,4,6,7,8-HPCDD	pg/g	NE	0 3 J	0 9 U	0 9 U	0 8 U	929	3 6 J	2 6 J	5 9	0 6 U	0 4 U	0 5 U	0 5 U	0 4 U	0 5 U
1,2,3,4,6,7,8-HPCDF	pg/g	NE	0 16 U	0 5 U	0 43 U	1 U	305	1 J	0 9 U	0 7 U	0 4 U	0 51 J	0 3 U	0 3 U	0 2 U	0 3 U
1,2,3,4,7,8,9-HPCDF	pg/g	NE	0 2 U	0 5 U	0 5 U	0 85 J	11 1	0 4 U	1 1 U	0 9 U	0 5 U	0 3 U	0 3 U	0 4 U	0 2 U	0 3 U
1,2,3,4,7,8-HXCDD	pg/g	NE	0 1 U	0 5 U	0 5 U	0 5 U	22	0 3 U	0 7 U	0 6 U	0 4 U	0 2 U	0 3 U	0 3 U	0 2 U	0 2 U
1,2,3,4,7,8-HXCDF	pg/g	NE	0 1 U	0 2 J	0 27 J	0 49 J	134	0 2 U	0 5 U	0 4 U	0 3 U	0 2 U	0 2 U	0 2 U	0 1 U	0 2 U
1,2,3,6,7,8-HXCDD	pg/g	NE	0 2 U	0 6 U	0 6 U	0 5 U	30	0 3 U	0 7 U	0 6 U	0 4 U	0 2 U	0 3 U	0 3 U	0 2 U	0 2 U
1,2,3,6,7,8-HXCDF	pg/g	NE	0 09 U	0 4 U	0 4 U	0 3 U	44 1	0 2 U	0 5 U	0 4 U	0 3 U	0 2 U	0 2 U	0 2 U	0 1 U	0 2 U
1,2,3,7,8,9-HXCDD	pg/g	NE	0 1 U	0 5 U	0 5 U	0 5 U	67 1	0 3 U	0 7 U	0 6 U	0 4 U	0 2 U	0 3 U	0 3 U	0 2 U	0 2 U
1,2,3,7,8,9-HXCDF	pg/g	NE	0 1 U	0 4 U	0 4 U	0 4 U	2 4 J	0 2 U	0 7 U	0 5 U	0 3 U	0 45 J	0 2 U	0 2 U	0 2 U	0 2 U
1,2,3,7,8-PECDD	pg/g	NE	0 1 U	0 4 U	0 4 U	0 4 U	12 6	0 3 U	0 7 U	0 6 U	0 4 U	0 2 U	0 2 U	0 3 U	0 2 U	0 2 U
1,2,3,7,8-PECDF	pg/g	NE	0 1 U	0 3 U	0 3 U	0 3 U	21 2	0 2 U	0 6 U	0 5 U	0 3 U	0 2 U	0 2 U	0 2 U	0 1 U	0 1 U
2,3,4,6,7,8-HXCDF	pg/g	NE	0 09 U	0 4 U	0 4 U	0 3 U	75 1	0 2 U	0 6 U	0 5 U	0 3 U	0 49 J	0 2 U	0 2 U	0 2 U	0 2 U
2,3,4,7,8-PECDF	pg/g	NE	0 1 U	0 3 U	0 3 U	0 3 U	48 9	0 2 U	0 6 U	0 5 U	0 3 U	0 2 U	0 2 U	0 2 U	0 1 U	0 1 U
2,3,7,8-TCDD	pg/g	NE	0 1 U	0 4 U	0 4 U	0 4 U	2 2	0 3 U	0 8 U	0 6 U	0 4 U	0 2 U	0 2 U	0 3 U	0 2 U	0 2 U
2,3,7,8-TCDF	pg/g	NE	0 09 U	0 3 U	0 3 U	0 3 U	62.7	0 2 U	0 6 U	0 5 U	0 3 U	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	3.00E-09	2.00E-08	2.70E-08	5.75E-08	9.64E-05	6.91E-08	3.84E-08	8.84E-08	0.00E+00	1.01E-07	2.90E-09	0.00E+00	0.00E+00	0.00E+00
Radiochemistry																
GROSS ALPHA	pCi/g	NE	0 667 U	1 96 U	16.7	2 33	9 58	5 65	12 6 U	8.97	1 75 U	10 9	9 82	6.52	8 05	6.04
GROSS BETA	pCi/g	NE	1 45 U	8 89	43 6	13 3 U	17 3 U	11 1 U	20	20 1	12 7	19 U	19 1 U	24 7 U	18 3 U	19 2 U
ACTINIUM-227	pCi/g	NE	-0.0389 U	-0.0968 U	-0 0398 U	0.133 U	0 00626 U	0 00142 U	-0 193 U	0 0508 U	-0 0472 U	-0.0398 U	-0 0163 U	-0 00203 U	-0 172 U	0 0995 U
ACTINIUM-228	pCi/g	NE	0 294	0 322	0.385	0.417	0 701	0.944	1.1	1 06	0 U	0.36	0.676	0.795	0.552	0.716
AMERICIUM-241	pCi/g	NE	0 118	-0 0388 U	-0 00813 U	0 0217 U	-0 0439 U	0 0184 U	0 0632 U	0 0119 U	0 0676 U	-0 0118 U	0 019 U	0 000671 U	-0 00698 U	0 0306 U
ANTIMONY-124	pCi/g	NE	0 0236 U	0.01 U	-0 00195 U	-0 00478 U	-0 0111 U	0 00772 U	0 0119 U	-0.00515 U	0 0508 U	-0 0065 U	0 003 U	0 0067 U	0 0222 U	-0.00064 U
ANTIMONY-125	pCi/g	NE	0 00339 U	0 0282 U	-0 00439 U	-0.00459 U	0.0192 U	-0 0393 U	-0 0403 U	-0 0262 U	0 0293 U	-0 0229 U	-0.00183 U	0 0184 U	0 00408 U	-2 36E-05 U
BARIUM-133	pCi/g	NE	-0.0245 U	0 0108 U	0 00671 U	0.0036 U	0 000274 U	-0 0242 U	0 0383 U	-0 00806 U	0 0465 U	-0 00855 U	-0 00112 U	-0 00831 U	-0 00737 U	-0.0073 U
BARIUM-140	pCi/g	NE	0 0356 U	0 0317 U	0 0104 U	-0.0288 U	0.303 U	0 0253 U	0 41 U	-0 237 U	0 0135 U	-0 0206 U	-0 0127 U	0 0467 U	0 0604 U	-0 129 U
BERYLLIUM-7	pCi/g	NE	0 0341 U	-0 108 U	0.035 U	0.00376 U	-0 0736 U	-0 11 U	-0 179 U	-0 129 U	-0 0834 U	0 126 U	0 0272 U	-0 0223 U	0 0104 U	0 16 U
BISMUTH-212	pCi/g	NE	0.18 U	0.305	0.21	0.503	0.583	0.501	0.483	0.777	0.235 U	0.568	0.351	0.502	0.388	0.724

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-082	0039-083	0039-084	0039-085	0039-102	0039-103	0039-104	0039-105 (FD)	0039-106	0039-110	0039-111	0039-112	0039-113	0039-114
Sample Location			B1 North Sidewall	B1 West Sidewall	B1 South Sidewall	B1 East Sidewall	C5 North Sidewall-4	C5 West Sidewall-4	C5 South Sidewall-2	C5 South Sidewall-2	C5 Floor	C5N South Sidewall	C5N West Sidewall	C5N West Floor	C5N South Floor	C5N East Sidewall
Sample Date			7/24/2001	7/24/2001	7/24/2001	7/24/2001	5/30/2002	5/30/2002	5/30/2002	5/30/2002	5/30/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002	6/27/2002
Analyte	Units	Cleanup Goals														
BISMUTH-214	pCi/g	NE	0.233	0.226	0.234	0.376	0.669	0.525	0.702	0.708	0.448	0.36	0.573	0.511	0.339	0.408
CERIUM-139	pCi/g	NE	-0.00187 U	0.0023 U	-0.00927 U	0.011 U	0.0127 U	0.0112 U	-0.00323 U	-0.00341 U	-0.000946 U	0.0057 U	-0.0104 U	0.0197 U	0.0101 U	-0.00588 U
CERIUM-141	pCi/g	NE	-0.00479 U	0.0184 U	0.0218 U	0.0136 U	0.0656 U	0.023 U	0.0274 U	0.0337 U	0.0688 U	0.0164 U	0.0148 U	0.0482 U	0.0213 U	0.00977 U
CERIUM-144	pCi/g	NE	0.0174 U	-0.0188 U	-0.024 U	0.0226 U	-0.0279 U	-0.0359 U	-0.189 U	-0.0372 U	0.074 U	-0.0219 U	0.0411 U	-0.0223 U	-0.00696 U	-0.0219 U
CESIUM-134	pCi/g	NE	0.02 U	-0.0091 U	-0.00195 U	0.00933 U	0.00351 U	-0.00199 U	-0.00755 U	-0.00278 U	-0.0145 U	0.0157 U	0.0016 U	-0.0124 U	-0.0763 U	0.0195 U
CESIUM-136	pCi/g	NE	0.041 U	0.0126 U	0.00589 U	-0.0294 U	-0.0443 U	0.00754 U	-0.0783 U	0.125 U	-0.0626 U	-0.0169 U	0.00635 U	-0.0241 U	0.0197 U	-0.0217 U
CESIUM-137	pCi/g	NE	0.0115 U	0.0234	-0.00118 U	0.0311 U	-0.015 U	-0.00364 U	-0.0192 U	-0.01 U	0.0363 U	-0.00749 U	-0.00486 U	-0.0137 U	0.00229 U	-0.00972 U
CHROMIUM-51	pCi/g	NE	-0.0368 U	0.0473 U	-0.0117 U	0.0484 U	0.163 U	0.0521 U	-0.287 U	-0.153 U	0 U	-0.0274 U	0.0791 U	-0.0726 U	0.147 U	-0.0266 U
COBALT-56	pCi/g	NE	-0.00091 U	-0.00901 U	0.0009 U	0.0145 U	0.0264 U	0.00569 U	0.0233 U	0.0098 U	0.0174 U	-0.0172 U	0.0195 U	0.0406 U	-0.0119 U	0.00882 U
COBALT-57	pCi/g	NE	-0.00222 U	-0.00464 U	0.000636 U	-0.00374 U	0.00521 U	0.00391 U	0.0118 U	0.0103 U	0.0211 U	0.00131 U	0.0013 U	0.000224 U	0.00262 U	0.003 U
COBALT-58	pCi/g	NE	-0.00386 U	0.00675 U	0.00278 U	0.0106 U	0.00563 U	0.0236 U	-0.00278 U	0.0111 U	-0.00688 U	0.00991 U	0.00503 U	-0.00938 U	-0.00858 U	-0.00839 U
COBALT-60	pCi/g	NE	0.0102 U	-0.00609 U	-0.00138 U	0.00232 U	-0.00857 U	-0.0114 U	0.0211 U	-0.00306 U	0.026 U	-0.00674 U	0.0167 U	0.00288 U	-0.00558 U	0.0115 U
EUROPIUM-152	pCi/g	NE	-0.00809 U	-0.00716 U	-0.0177 U	-0.041 U	0.00623 U	-0.029 U	0.00261 U	-0.00671 U	0.0245 U	0.00904 U	0.00635 U	-0.00771 U	-0.0104 U	0.0129 U
EUROPIUM-154	pCi/g	NE	-0.0137 U	-0.0121 U	-0.0283 U	-0.0353 U	0.0302 U	0.018 U	-0.0216 U	-0.00958 U	0.0723 U	-0.0315 U	-0.01 U	-0.0894 U	-0.0355 U	-0.0231 U
EUROPIUM-155	pCi/g	NE	0.0307 U	0.0159 U	0.0197 U	0.0203 U	0.0621 U	0.0475 U	0 U	0 U	0.0219 U	0.0447 U	0.0107 U	0 U	0.0273 U	0.00546 U
IODINE-131	pCi/g	NE	0.0186 U	-0.00981 U	0.00686 U	0.00544 U	-0.0579 U	0.00208 U	0.0725 U	-0.094 U	0.15 U	0.00816 U	-0.0293 U	-0.0339 U	0.00188 U	0.0165 U
IRIDIUM-192	pCi/g	NE	0.00321 U	-0.00406 U	-0.00188 U	-0.00778 U	-0.0154 U	-0.00906 U	-0.0044 U	0.00879 U	0.0141 U	-0.00527 U	0.00831 U	0.0146 U	-0.00219 U	0.00672 U
IRON-59	pCi/g	NE	0.0234 U	-0.00697 U	-0.0125 U	-0.0246 U	-0.0518 U	-0.0435 U	0.0795 U	-0.0412 U	-0.0426 U	0.016 U	-0.0307 U	-0.0382 U	-0.00925 U	0.0182 U
LEAD-210	pCi/g	NE	1.15 U	1.25 U	0.927 U	0.623	1.58 U	0.541 U	1.15	0.816	0.854 U	1.51 U	-0.0146 U	0.982	0.849 U	1.42 U
LEAD-212	pCi/g	NE	0.252	0.324	0.363	0.559	1.16	0.938	1.15	1.34	0.51	0.563	0.812	0.758	0.602	0.7
LEAD-214	pCi/g	NE	0.25	0.239	0.276	0.35	0.755	0.648	0.912	0.704	0.449	0.434	0.663	0.545	0.488	0.548
MANGANESE-54	pCi/g	NE	-0.000665 U	0.00767 U	0.00334 U	-0.0136 U	0.0172 U	0.0211 U	-0.0183 U	0.00199 U	-0.014 U	0.0131 U	0.0146 U	0.0145 U	-0.00449 U	0.0116 U
MERCURY-203	pCi/g	NE	0.00967 U	0.013 U	0.00798 U	0.00565 U	0 U	-0.00799 U	0.0536 U	0 U	0.00151 U	0.0223 U	0.00801 U	0 U	0 U	-0.0105 U
NEODYMIUM-147	pCi/g	NE	0.248 U	0.117 U	-0.078 U	-0.336 U	-0.427 U	0.0218 U	-1.63 U	0.0342 U	0.227 U	0.0432 U	-0.265 U	-0.186 U	0.259 U	0.165 U
NEPTUNIUM-239	pCi/g	NE	-0.0304 U	-0.00124 U	-0.0257 U	-0.0685 U	-0.0487 U	-0.0228 U	-0.0285 U	-0.0219 U	-0.0784 U	0.038 U	-0.00982 U	0.0481 U	-0.0347 U	0.0456 U
NIOBIUM-94	pCi/g	NE	-0.00488 U	0.0108 U	0.00101 U	0.0118 U	0.0108 U	-0.00242 U	-0.0114 U	0.0121 U	0.0264 U	0.00988 U	-0.00849 U	0.0025 U	0.00161 U	0.00698 U
NIOBIUM-95	pCi/g	NE	0.000211 U	-0.0132 U	0.0202 U	0.0136 U	-0.0375 U	0.0156 U	0.0247 U	0.0161 U	0.0564 U	0.0194 U	0.00924 U	0.0357 U	0.00641 U	0.0117 U
POTASSIUM-40	pCi/g	NE	12.7	14.1	13.8	12.3	16	16.6	16.2	17.4	10.5	11.6	14.5	9.62	12.2	12.1
PROMETHIUM-144	pCi/g	NE	-0.00147 U	0.00188 U	-0.00039 U	0.00393 U	-0.0164 U	0.00693 U	0.0233 U	-0.000515 U	0.0213 U	0.000638 U	-0.00721 U	0.0089 U	-0.00017 U	0.0219 U
PROMETHIUM-146	pCi/g	NE	-0.00389 U	-0.0114 U	-0.00211 U	-0.00718 U	0.00534 U	-0.00115 U	0.0184 U	0.0245 U	0.0304 U	-0.0172 U	0.0089 U	0.00423 U	0.00375 U	-0.000863 U
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	0.294	0.322	0.385	0.417	0.701	0.944	1.1	1.06	0.308	0.36	0.676	0.795	0.552	0.716
RUTHENIUM-106	pCi/g	NE	-0.00865 U	0.0211 U	0.0209 U	-0.028 U	0.0265 U	0.0954 U	0.0193 U	0.197 U	0.249 U	-0.134 U	0.0128 U	0.132 U	0.0177 U	-0.0512 U
SILVER-110M	pCi/g	NE	0.000826 U	-0.0014 U	-0.000325 U	-0.0148 U	0.0027 U	-0.00165 U	-0.00543 U	-0.0134 U	0.000747 U	0.000466 U	-0.000306 U	0.00417 U	-0.00991 U	-0.00823 U
SODIUM-22	pCi/g	NE	-0.00493 U	-0.00424 U	-0.00668 U	-0.0128 U	0.0043 U	0.00739 U	-0.00786 U	-0.00366 U	0.0261 U	-0.0113 U	-0.00369 U	-0.032 U	-0.0127 U	-0.00698 U
THALLIUM-208	pCi/g	NE	0.0949	0.0978	0.0998	0.181	0.285	0.259	0.426	0.4	0.148	0.171	0.24	0.242	0.156	0.222
THORIUM-230	pCi/g	NE	0.233	0.226	0.234	0.376	0.669	0.525	0.702	0.708	0.448	0.36	0.573	0.511	0.339	0.408
THORIUM-234	pCi/g	NE	0.294 U	0.136 U	0.408 U	0.396 U	1.29 U	0.84 U	1.27	1.3	0.196 U	0.449 U	1.15	1.46	0.44 U	1.65
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	-0.00856 U	0.0161 U	0.00206 U	-0.00686 U	-0.0129 U	-0.0113 U	0.00128 U	0.0122 U	0.0202 U	0.00309 U	0.00913 U	-0.0113 U	-0.00805 U	-0.013 U
URANIUM-235	pCi/g	NE	0.0833 U	0.104 U	0.0946 U	0.153 U	-0.00546 U	0.132 U	0.0843 U	0.107 U	0.00712 U	0.0847 U	0.0627 U	0.186 U	0.0764 U	0.0332 U
URANIUM-238	pCi/g	NE	0.294 U	0.136 U	0.408 U	0.396 U	1.29 U	0.84 U	1.27	1.3	0.196 U	0.449 U	1.15	1.46	0.44 U	1.65
YTTRIUM-88	pCi/g	NE	0.0154 U	0.00325 U	0.0087 U	0.00622 U	0.000749 U	-0.00301 U	-0.0136 U	0.0147 U	-0.00395 U	0.00277 U	-0.00846 U	-0.00496 U	-0.00068 U	0.013 U
ZINC-65	pCi/g	NE	-0.0146 U	0.00689 U	0.0178 U	0.00756 U	-0.0534 U	-0.0034 U	-0.00229 U	0.0997 U	0.0338 U	0.0197 U	-0.0426 U	0.038 U	0.031 U	-0.0162 U
ZIRCONIUM-95	pCi/g	NE	-0.00321 U	-0.00541 U	0.00596 U	0.0226 U	-0.00348 U	0.0211 U	0.0246 U	0.0155 U	-0.0517 U	-0.0199 U	0.0286 U	-0.0273 U	0.00996 U	-0.00618 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098	0039-099	0002-2036	0002-2037	0002-2038	0002-2234	0002-2235	0002-2236	0002-2249	0002-2250	0002-2251
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4	C5-4	204-E2	204-E2	204-E2	B5	B5	B5	D5	D5	D5
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	1/18/2001	1/18/2001	1/18/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'	5-6.5'	0-1.5'	3-4.5'	7-8.5'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
Metals																	
HEXAVALENT CHROMIUM	mg/kg	0.2	0.7	0.4	0.5	0.4	0.5	0.21 U	0.08 J	0.23 U	0.1 J	0.26 U	0.23 U	0.26 U	0.31 U	0.22 U	0.22 U
ANTIMONY	mg/kg	NE	5.4 U	5.5 U	6 U	5.5 U	6.4 U	5.3 U	5.4 U	5.7 U	5.5 U	6.5 U	5.8 U	6.6 U	7.7 U	5.6 U	5.5 U
ARSENIC	mg/kg	9.05	3.4	1.4	3	1	4.2	1	2.3	2.7	2.1	4.1	3.5	2.3	5.9	0.73	8.1
BARIUM	mg/kg	NE	83.1	27.2	176	40.2	166	34.4	52.5	12.6	56	191	33.9	122	109	107	164
BERYLLIUM	mg/kg	NE	0.22 U	0.22 U	0.24 U	0.22 U	0.26 U	0.21 U	0.22 U	0.23 U	0.22 U	0.26 U	0.23 U	0.26 U	0.31 U	0.22 U	0.22 U
CADMIUM	mg/kg	NE	0.11 U	0.036 U	0.12 U	0.025 U	0.22 U	0.032 U	0.26	0.027 J	0.22 U	0.26 U	0.23 U	0.26 U	0.45	0.22 U	0.053 J
CHROMIUM	mg/kg	NE	13.3	7.3	26.5	7	30.3	8.1	9.9	4.9	11.3	26.5	9.2	15.4	24.6	12.9	15.3
COBALT	mg/kg	NE	6 J	3.1 J	13 J	2.9 J	13.7 J	2.6 UJ	5.4	2.4	4.8	14.7	6.3	8.8	21.8	8.9	5
COPPER	mg/kg	NE	17.8	3.1 UJ	25.2	4	23.6	3.8	7.5	1.7	5.5	25	11.4	11.6	22	9.4	11.1
LEAD	mg/kg	130	6.6	1.2 UJ	8.2	1.6	7.8	1.1	1.9	0.87	1.3	5.6	5.4	2.8	12.3	1.7	5.9
MERCURY	mg/kg	NE	0.12 J	0.04 J	0.082 J	0.031 J	0.16 J	0.04 J	0.12 J	0.23 U	0.22 U	0.063 J	0.075 J	0.26 U	0.096 J	0.036 J	0.056 J
MOLYBDENUM	mg/kg	NE	0.22 U	0.093 U	0.051 U	0.045 U	2	0.28 U	0.22 U	0.19 J	0.22 U	0.26 U	0.23 U	0.26 U	0.31 U	0.22 U	2.7
NICKEL	mg/kg	NE	4.6 J	2.3 U	10.9 J	2.1 U	11.4 J	2 U	3.3	1.6	3.3	12.5	3.7	6.3	15.2	5.2	10.4
SELENIUM	mg/kg	NE	0.41 J	0.29 J	0.6 UJ	0.38 J	0.36 J	0.22 J	0.54 U	0.57 U	0.55 U	0.65 U	0.58 U	0.66 U	0.77 U	0.56 U	0.24 J
SILVER	mg/kg	NE	0.54 U	0.55 U	1.7	0.55 U	0.64 U	0.53 U	0.54 U	0.57 U	0.55 U	0.65 U	0.58 U	0.66 U	0.77 U	0.56 U	0.55 U
THALLIUM	mg/kg	NE	0.54 U	0.55 U	0.6 U	0.55 U	0.64 U	0.53 U	0.54 U	0.57 U	0.55 U	0.65 U	0.58 U	0.66 U	0.77 U	0.56 U	0.55 U
VANADIUM	mg/kg	NE	27.1	15.6	66.2	22.2	69.3	20.6	32.6	9.4	41.3	78.3	35.3	52.7	63.6	46.4	26.3
ZINC	mg/kg	NE	33.2	12.8 UJ	65.1	13 UJ	60.6	11.3 UJ	24	8.6	17.3	62.1	37.1	32.3	59.5	28	32.8
Total Petroleum Hydrocarbons																	
DIESEL	mg/kg	NE	11 U	11 U	12 U	11 U	14	11 U	290 J	250 J	11 U	13 U	12 U	13 U	15 U	11 U	11 U
MOTOR OIL	mg/kg	NE	37	11 U	71	15	33	11 U	1000	2700	11 U	13 U	12 U	22	15 U	11 U	14
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.09 J	0.04 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.5 U	0.6	0.5 U	0.5	0.5 U	0.7	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4 J
Pesticides																	
4,4'-DDD	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U	2.1 U	22 U	23 U	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
4,4'-DDE	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U	2.1 U	22 U	23 U	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
4,4'-DDT	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U	2.1 U	22 U	23 U	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
ALDRIN	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
ALPHA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 UJ	1.1 UJ	1.3 UJ	1.1 UJ	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
BETA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
CHLORDANE	µg/kg	NE	54 U	55 U	60 U	55 U	64 U	53 U	540 U	570 U	55 U	65 U	58 U	66 U	77 U	56 U	55 U
DELTA-BHC	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
DIELDRIN	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U	2.1 U	20	12 J	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
ENDOSULFAN I	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
ENDOSULFAN II	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U	2.1 U	22 U	23 U	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
ENDOSULFAN SULFATE	µg/kg	NE	5.4 U	5.5 U	6 U	5.5 U	6.4 U	5.3 U	54 U	57 U	5.5 U	6.5 U	5.8 U	6.6 U	7.7 U	5.6 U	5.5 U
ENDRIN	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U	2.1 U	22 U	23 U	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
ENDRIN ALDEHYDE	µg/kg	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.6 U	2.1 U	22 U	23 U	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
ENDRIN KETONE	µg/kg	NE	2.2 UJ	2.2 UJ	2.4 UJ	2.2 UJ	2.6 UJ	2.1 UJ	22 U	23 U	2.2 U	2.6 U	2.3 U	2.6 U	3.1 U	2.2 U	2.2 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
HEPTACHLOR	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.1 U	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	11 U	11 U	1.1 U	1.3 U	1.2 U	1.3 U	1.5 U	1.1 U	1.1 U
METHOXYCHLOR	µg/kg	NE	11 UJ	11 UJ	12 UJ	11 UJ	13 UJ	11 UJ	110 U	110 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
TOXAPHENE	µg/kg	NE	110 U	110 U	120 U	110 U	130 U	110 U	1100 U	1100 U	110 U	130 U	120 U	130 U	150 U	110 U	110 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098	0039-099	0002-2036	0002-2037	0002-2038	0002-2234	0002-2235	0002-2236	0002-2249	0002-2250	0002-2251
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4	C5-4	204-E2	204-E2	204-E2	B5	B5	B5	D5	D5	D5
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	1/18/2001	1/18/2001	1/18/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'	5-6.5'	0-1.5'	3-4.5'	7-8.5'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**															
Polychlorinated Biphenyls																	
AROCLOR 1016	µg/kg	NE	54 U	55 U	60 U	55 U	64 U	53 U	54 U	57 U	55 U	65 U	58 U	66 U	77 U	56 U	55 U
AROCLOR 1221	µg/kg	NE	110 U	110 U	120 U	110 U	130 U	110 U	110 U	110 U	110 U	130 U	120 U	130 U	150 U	110 U	110 U
AROCLOR 1232	µg/kg	NE	54 U	55 U	60 U	55 U	64 U	53 U	54 U	57 U	55 U	65 U	58 U	66 U	77 U	56 U	55 U
AROCLOR 1242	µg/kg	NE	54 U	55 U	60 U	55 U	64 U	53 U	54 U	57 U	55 U	65 U	58 U	66 U	77 U	56 U	55 U
AROCLOR 1248	µg/kg	NE	54 U	55 U	60 U	55 U	64 U	53 U	54 U	57 U	55 U	65 U	58 U	66 U	77 U	56 U	55 U
AROCLOR 1254	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	27 U	29 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
AROCLOR 1260	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	170	47	27 U	4 J	29 U	33 U	7 J	28 U	27 U
Herbicides																	
2,4,5-T	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
2,4,5-TP	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
2,4-D	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
2,4-DB	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
3,5-DICHLOROBENZOIC	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
4-NITROPHENOL	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
ACIFLUORFEN	µg/kg	NE	NA	NA	NA	NA	NA	NA	22 U	23 U	22 U	26 U	23 U	26 U	31 U	22 U	22 U
BENTAZON (BASAGRAN)	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
CHLORAMBEN	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
DALAPON	µg/kg	NE	NA	NA	NA	NA	NA	NA	22 U	23 U	22 U	26 U	23 U	26 U	31 U	22 U	22 U
DICAMBA	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
DICHLOROPROP	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
DINOSEB	µg/kg	NE	NA	NA	NA	NA	NA	NA	22 U	23 U	22 U	26 U	23 U	26 U	31 U	22 U	22 U
MCPA	µg/kg	NE	NA	NA	NA	NA	NA	NA	220 U	230 U	220 U	260 U	230 U	260 U	310 U	220 U	220 U
MCPP	µg/kg	NE	NA	NA	NA	NA	NA	NA	220 U	230 U	220 U	260 U	230 U	260 U	310 U	220 U	220 U
PENTACHLOROPHENOL	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
PICLORAM	µg/kg	NE	NA	NA	NA	NA	NA	NA	11 U	11 U	11 U	13 U	12 U	13 U	15 U	11 U	11 U
Volatile Organic Compounds																	
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
1,1-DICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
1,1-DICHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
1,2-DICHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
2-BUTANONE	µg/kg	NE	100 U	140 U	78 J	150 U	130 U	150 U	110 U	150 U	130 U	170 U	300 U	120 U	130 U	120 U	110 U
2-HEXANONE	µg/kg	NE	51 U	69 U	53 U	77 U	66 U	75 U	56 U	77 U	63 U	86 U	150 U	60 U	67 U	61 U	57 U
4-METHYL-2-PENTANONE	µg/kg	NE	51 U	69 U	53 U	77 U	66 U	75 U	56 U	77 U	63 U	86 U	150 U	60 U	67 U	61 U	57 U
ACETONE	µg/kg	NE	100 UJ	140 UJ	12 J	150 UJ	130 UJ	150 UJ	110 U	150 U	130 U	170 U	300 U	120 U	130 U	120 U	110 U
BENZENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
BROMODICHLOROMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
BROMOFORM	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
BROMOMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
CARBON DISULFIDE	µg/kg	NE	5.1 U	6.9 U	14	7.7 U	25	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
CARBON TETRACHLORIDE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
CHLOROBENZENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
CHLOROETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
CHLOROFORM	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
CHLOROMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098	0039-099	0002-2036	0002-2037	0002-2038	0002-2234	0002-2235	0002-2236	0002-2249	0002-2250	0002-2251
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4	C5-4	204-E2	204-E2	204-E2	B5	B5	B5	D5	D5	D5
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	1/18/2001	1/18/2001	1/18/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'	5-6.5'	0-1.5'	3-4.5'	7-8.5'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
CIS-1 2-DICHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
ETHYLBENZENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	10 U	14 U	11 U	15 U	13 U	15 U	11 U	15 U	13 U	17 U	30 U	12 U	13 U	12 U	11 U
METHYLENE CHLORIDE	µg/kg	NE	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ	5.6 U	7.7 U	6.3 U	2 J	3 J	1 J	6.7 U	6.1 U	5.7 U
STYRENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
TETRACHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
TOLUENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	2 J	6 U	6.7 U	6.1 U	5.7 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
TRICHLOROETHENE	µg/kg	NE	5.1 UJ	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
VINYL ACETATE	µg/kg	NE	51 U	69 U	53 U	77 U	66 U	75 U	56 U	77 U	63 U	86 U	150 U	60 U	67 U	61 U	57 U
VINYL CHLORIDE	µg/kg	NE	5.1 U	6.9 U	5.3 U	7.7 U	6.6 U	7.5 U	5.6 U	7.7 U	6.3 U	8.6 U	15 U	6 U	6.7 U	6.1 U	5.7 U
XYLENES (TOTAL)	µg/kg	NE	0.8 J	21 U	0.6 J	23 U	20 U	23 U	17 U	23 U	19 U	26 U	45 U	18 U	20 U	18 U	17 U
Semivolatile Organic Compounds																	
1 2,4-TRICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
1,2-DICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
1 3-DICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
1,4-DICHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	8700 U	18000 U	1800 U	2100 U	1900 U	8400 U	2500 U	1800 U	1800 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2,4-DICHLOROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2,4-DIMETHYLPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2,4-DINITROPHENOL	µg/kg	NE	2700 UJ	2700 UJ	3000 UJ	2800 UJ	3200 UJ	2700 UJ	8700 U	18000 U	1800 U	2100 U	1900 U	8400 U	2500 U	1800 U	1800 U
2,4-DINITROTOLUENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2,6-DINITROTOLUENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2-CHLORONAPHTHALENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2-CHLOROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2-METHYLPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
2-NITROANILINE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	8700 U	18000 U	1800 U	2100 U	1900 U	8400 U	2500 U	1800 U	1800 U
2-NITROPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
3 3'-DICHLOROBENZIDINE	µg/kg	NE	720 U	720 U	790 U	730 U	850 U	700 U	1800 U	3800 U	360 U	580 U	520 U	2300 U	690 U	490 U	490 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
3-NITROANILINE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	8700 U	18000 U	1800 U	2100 U	1900 U	8400 U	2500 U	1800 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	8700 U	18000 U	1800 U	2100 U	1900 U	8400 U	2500 U	1800 U	1800 U
4-BROMOPHENYL-PHENYL ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
4-CHLOROANILINE	µg/kg	NE	830 U	830 U	920 U	840 U	980 U	810 U	1800 U	3800 U	360 U	580 U	520 U	2300 U	690 U	490 U	490 U
4-CHLOROPHENYL-PHENYL ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
4-NITROANILINE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	8700 U	18000 U	1800 U	2100 U	1900 U	8400 U	2500 U	1800 U	1800 U
4-NITROPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	110 U	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
ACENAPHTHYLENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	33 J	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
ANTHRACENE	µg/kg	6100	27 U	27 U	30 U	28 U	32 U	27 U	85 J	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
BENZ[A]ANTHRACENE	µg/kg	560	27 U	27 U	30 U	28 U	32 U	27 U	590	390 J	27 U	21 J	12 J	9 J	39 U	28 U	27 U
BENZO[A]PYRENE	µg/kg	56	27 U	27 U	30 U	28 U	32 U	27 U	520	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	5 J
BENZO[B]FLUORANTHENE	µg/kg	560	27 U	27 U	30 U	28 U	32 U	27 U	820	520 J	27 U	11 J	29 U	33 U	39 U	28 U	6 J

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098	0039-099	0002-2036	0002-2037	0002-2038	0002-2234	0002-2235	0002-2236	0002-2249	0002-2250	0002-2251
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4	C5-4	204-E2	204-E2	204-E2	B5	B5	B5	D5	D5	D5
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	1/18/2001	1/18/2001	1/18/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'	5-6.5'	0-1.5'	3-4.5'	7-8.5'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
BENZO[G,H,I]PERYLENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	410	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
BENZO[K]FLUORANTHENE	µg/kg	610	27 U	27 U	30 U	28 U	32 U	27 U	280	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
CHRYSENE	µg/kg	6100	27 U	27 U	30 U	28 U	32 U	27 U	640	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
DIBENZ[A,H]ANTHRACENE	µg/kg	56	27 U	27 U	30 U	28 U	32 U	27 U	130	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
DIBENZOFURAN	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
DIETHYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
DIMETHYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	360 U	360 U	96 J	360 U	350 J	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
FLUORANTHENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	1000	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
FLUORENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	110 U	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
HEXACHLOROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
HEXACHLOROBUTADIENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	1800 U	3800 U	360 U	740 U	660 U	3000 U	870 U	630 U	620 U
HEXACHLOROETHANE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	27 U	27 U	30 U	28 U	32 U	27 U	330	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
NAPHTHALENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	110 U	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
NITROBENZENE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	1800 U	3800 U	360 U	430 U	390 U	1700 U	510 U	370 U	360 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	720 U	720 U	790 U	730 U	850 U	700 U	1800 U	3800 U	360 U	510 U	460 U	2100 U	610 U	440 U	430 U
PENTACHLOROPHENOL	µg/kg	NE	1700 U	1700 U	1900 U	1800 U	2100 U	1700 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	330	1400 U	27 U	33 U	29 U	33 U	39 U	28 U	27 U
PHENOL	µg/kg	NE	360 U	360 U	400 U	360 U	420 U	350 U	4800	1900 J	2400	430 U	390 U	1700 U	510 U	370 U	360 U
PYRENE	µg/kg	NE	27 U	27 U	30 U	28 U	32 U	27 U	800	1400 U	27 U	10 J	29 U	33 U	39 U	28 U	5 J
Organotin																	
DIBUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U	11 U	5.4 U	5.7 U	5.5 U	13 U	12 U	13 U	15 U	11 U	11 U
MONOBUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U	11 U	5.4 U	5.7 U	5.5 U	13 U	12 U	13 U	15 U	11 U	11 U
TETRABUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U	11 U	5.4 U	5.7 U	5.5 U	13 U	12 U	13 U	15 U	11 U	11 U
TRIBUTYLTIN	µg/kg	NE	11 U	11 U	12 U	11 U	13 U	11 U	5.4 U	5.7 U	5.5 U	13 U	12 U	13 U	15 U	11 U	11 U
Dioxins and Furans																	
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	12.5	1.2 U	12.2	1.3 U	12.4	3.4 U	2.9 J	0.3 U	0.49 J	85	4 J	1.5 U	4.7 J	0.7 U	2.9 J
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	1.1 J	0.38 J	0.9 J	0.42 J	1.1 J	1.9 J	0.3 U	0.3 U	0.4 U	3.4 J	1.5 U	1.2 U	0.6 U	0.5 U	3.1 U
1,2,3,4,6,7,8-HPCDD	pg/g	NE	2.3 J	0.19 J	2.2 J	0.3 J	2.3 J	0.71 J	0.34 J	0.2 U	0.3 U	14	1.3 J	1.1 U	1.3 J	0.4 U	2.5 J
1,2,3,4,6,7,8-HPCDF	pg/g	NE	1.2 U	0.14 U	1.2 U	0.28 U	1 U	0.6 U	0.1 U	0.1 U	0.2 U	1.4 J	1.3 J	0.5 U	0.38 J	0.2 U	0.82 J
1,2,3,4,7,8,9-HPCDF	pg/g	NE	0.32 U	0.1 U	0.09 U	0.2 U	0.08 U	0.89 U	0.2 U	0.2 U	0.2 U	0.1 U	0.9 U	0.8 U	0.2 U	0.3 U	1.1 U
1,2,3,4,7,8-HXCDD	pg/g	NE	0.28 J	0.1 U	0.08 U	0.27 J	0.07 U	0.71 J	0.2 U	0.1 U	0.2 U	0.2 U	0.8 U	0.7 U	0.2 U	0.2 U	0.9 U
1,2,3,4,7,8-HXCDF	pg/g	NE	0.4 J	0.15 J	0.23 J	0.28 J	0.2 J	0.98 J	0.1 U	0.08 U	0.1 U	0.26 J	0.95 J	0.4 U	0.34 J	0.1 U	1 J
1,2,3,6,7,8-HXCDD	pg/g	NE	0.37 J	0.1 U	0.21 J	0.31 J	0.16 J	1.2 J	0.2 U	0.1 U	0.2 U	1.2 J	0.7 U	0.6 U	0.3 J	0.2 U	0.74 J
1,2,3,6,7,8-HXCDF	pg/g	NE	0.31 J	0.12 J	0.13 J	0.25 J	0.15 J	1 J	0.1 U	0.08 U	0.1 U	0.21 J	0.4 U	0.4 U	0.2 J	0.1 U	0.4 U
1,2,3,7,8,9-HXCDD	pg/g	NE	0.42 J	0.29 J	0.31 J	0.35 J	0.25 J	1.4 J	0.1 U	0.1 U	0.2 U	1.5 J	0.7 U	0.6 U	0.3 J	0.2 U	0.78 J
1,2,3,7,8,9-HXCDF	pg/g	NE	0.36 J	0.12 J	0.18 J	0.36 J	0.12 J	1.6 J	0.1 U	0.1 U	0.2 U	0.18 J	0.7 U	0.6 U	0.2 J	0.2 U	0.5 U
1,2,3,7,8-PECDD	pg/g	NE	0.29 J	0.08 J	0.06 U	0.25 J	0.06 U	1.2 J	0.1 U	0.1 U	0.3 U	0.18 J	0.7 U	0.6 U	0.33 J	0.2 U	0.6 U
1,2,3,7,8-PECDF	pg/g	NE	0.34 J	0.11 J	0.05 U	0.28 J	0.05 U	1.3 J	0.1 U	0.09 U	0.2 U	0.1 U	0.5 U	0.4 U	0.47 J	0.2 U	0.49 J

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098	0039-099	0002-2036	0002-2037	0002-2038	0002-2234	0002-2235	0002-2236	0002-2249	0002-2250	0002-2251
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4	C5-4	204-E2	204-E2	204-E2	B5	B5	B5	D5	D5	D5
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	1/18/2001	1/18/2001	1/18/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'	5-6.5'	0-1.5'	3-4.5'	7-8.5'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
2 3,4,6,7,8-HXCDF	pg/g	NE	0.27 J	0 09 J	0 18 J	0.24 J	0.11 J	0 62 J	0.1 U	0.09 U	0.1 U	0 39 J	0.47 J	0.5 U	0 17 J	0.2 U	0.36 J
2,3 4.7.8-PECDF	pg/g	NE	0.22 J	0.08 J	0.06 J	0.23 J	0.05 U	0.83 J	0 1 U	0.09 U	0.2 U	0 1 U	0.54 J	0.4 U	0.26 J	0.2 U	0.55 J
2.3 7.8-TCDD	pg/g	NE	0 09 U	0 08 U	0.06 U	0 1 U	0.12 J	0.52 J	0 1 U	0.1 U	0.2 U	0.1 U	0.6 U	0.6 U	0.28 J	0.2 U	0.5 U
2.3.7.8-TCDF	pg/g	NE	0.07 UJ	0 07 U	0.1 J	0.18 J	0 05 U	0.25 J	0 1 U	0.08 U	0 1 U	0.1 U	2.3	0.4 U	0 06 U	0 1 U	1.5
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	5.50E-07	1.65E-07	1.99E-07	4.81E-07	2.56E-07	2.39E-06	6.30E-09	0.00E+00	4.90E-10	7.06E-07	6.72E-07	0.00E+00	7.71E-07	0.00E+00	7.74E-07
Radiochemistry																	
GROSS ALPHA	pCi/g	NE	5.26	6.11	11 U	1.78 U	13.3 U	3 25	4 3 J	10.3	6.7 J	74.5	12 1	9.56	3 2	5 78	9 51
GROSS BETA	pCi/g	NE	17 U	15.6 U	22 9 U	11.4 U	25 9 U	16.3 U	14	14.3	15 3	250	18 9	16.2	17 3	14 1	19 5
ACTINIUM-227	pCi/g	NE	0.135 U	0 0561 U	-0 154 U	0.0381 U	-0.0783 U	-0.0188 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	0 997	0 466	0.896	0 325	0 996	0 33	NA	NA	NA	1.11	1.27	0.505	0 U	0.467	0.522
AMERICIUM-241	pCi/g	NE	0 U	-0 0258 U	-0.0063 U	0 00583 U	0 0204 U	0 00707 U	NA	NA	NA	0.0242 U	0.00236 U	0.167 U	-0.00115 U	-0.101 U	-0.037 U
ANTIMONY-124	pCi/g	NE	0.000691 U	0 00692 U	0.00349 U	0 000223 U	-0.00473 U	0 00749 U	NA	NA	NA	-0.0329 U	-0.0658 U	-0.0132 U	-0.0132 U	-0.0362 U	0 0217 U
ANTIMONY-125	pCi/g	NE	0.0194 U	0 0043 U	-0 0107 U	-0 00984 U	0 0096 U	-0.00168 U	NA	NA	NA	0 0108 U	-0.0599 U	-0.0372 U	-0.0396 U	-0.0506 U	-0.0275 U
BARIUM-133	pCi/g	NE	0 00781 U	-0.00395 U	0 00152 U	-0.00516 U	-0.00742 U	-0.0101 U	NA	NA	NA	-0.0271 U	-0.0403 U	-0.00554 U	-0 0176 U	-0 000331 U	0.0138 U
BARIUM-140	pCi/g	NE	-0.00221 U	0.0656 U	0 017 U	-0.0286 U	-0.0487 U	0.0202 U	NA	NA	NA	-0.475 U	-3 08 U	1 32 U	-0 245 U	-2 3 U	0.967 U
BERYLLIUM-7	pCi/g	NE	0 00495 U	-0.0759 U	-0.0149 U	-0.0193 U	-0 0295 U	-0.0457 U	NA	NA	NA	-0.446 U	-0.612 U	-0.419 U	-0.171 U	0.284 U	0.753 U
BISMUTH-212	pCi/g	NE	0.787	0.527	0.597	0 U	0.553	0 285	NA	NA	NA	0 65	1.06	0 U	0.34 U	0 541 U	0 265 U
BISMUTH-214	pCi/g	NE	0 659	0.449	0.613	0 287	0.626	0.376	NA	NA	NA	1.02	0.702	0 328	0 U	0 268	0.518
CERIUM-139	pCi/g	NE	-0.00403 U	-0.00813 U	0 0012 U	0.00114 U	0.0115 U	0.00159 U	NA	NA	NA	-0 00616 U	-0.0301 U	-0.0134 U	-0 00764 U	-0.0357 U	-0.0659 U
CERIUM-141	pCi/g	NE	0.0199 U	0 00793 U	0 0114 U	0.0113 U	0 0225 U	0 00688 U	NA	NA	NA	0.0559 U	0 0359 U	0.257 U	0.0903 U	-0 0129 U	0 147 U
CERIUM-144	pCi/g	NE	-0 141 U	-0 0131 U	-0.0187 U	-0.0434 U	0 0196 U	-0.00929 U	NA	NA	NA	0 0634 U	-0.0465 U	0.0355 U	-0.0746 U	0 0554 U	-0.0327 U
CESIUM-134	pCi/g	NE	0 0143 U	0 00116 U	0 00705 U	-0.0159 U	0.0021 U	-0.00503 U	NA	NA	NA	0.00197 U	-0.0443 U	-0.0224 U	-0.0059 U	-0 0128 U	0.0193 U
CESIUM-136	pCi/g	NE	-0 00169 U	-0.00986 U	-0.0102 U	0 00855 U	-0.00882 U	-0.00981 U	NA	NA	NA	0 391 U	1 37 U	-0 263 U	-0 117 U	-0.369 U	0.0656 U
CESIUM-137	pCi/g	NE	-0.000454 U	0.0134 U	-0.00621 U	-0.00444 U	0 000477 U	0 0126 U	0.009 U	-0.059 U	-0.079 U	0.0163 U	0.0478 U	0 U	-0.0144 U	0 0372 U	-0 00206 U
CHROMIUM-51	pCi/g	NE	-0.0412 U	-0 0277 U	-0 0384 U	0.0246 U	-0.00953 U	0 00574 U	NA	NA	NA	-0.486 U	-1 28 U	-0 136 U	-0 331 U	0.707 U	0 309 U
COBALT-56	pCi/g	NE	0 00456 U	-0.00326 U	0.00321 U	0 00148 U	0.00383 U	-0.0084 U	NA	NA	NA	0 0141 U	0.0263 U	-0.0231 U	-0.0404 U	-0.0517 U	-0 0139 U
COBALT-57	pCi/g	NE	-0 00854 U	0 000506 U	-0.00143 U	0 00683 U	-0.00151 U	0.00805 U	NA	NA	NA	0 00976 U	-0 0127 U	0.0276 U	-0 00371 U	-0 00555 U	0 000632 U
COBALT-58	pCi/g	NE	-0.00718 U	0 0103 U	-0 00278 U	-0 000977 U	-0.00321 U	-0.00403 U	NA	NA	NA	0 02 U	-0.00264 U	0 0157 U	-0.00706 U	-0 0799 U	-0 0195 U
COBALT-60	pCi/g	NE	-0.00446 U	0.0133 U	6 35E-05 U	0 00198 U	0.0101 U	-9 11E-05 U	NA	NA	NA	0 0251 U	0 0113 U	0.0042 U	-0.00144 U	0 0242 U	0.0014 U
EUROPIUM-152	pCi/g	NE	0 0086 U	-0 0127 U	-0 0198 U	-0.00557 U	-0.0241 U	-0.0398 U	NA	NA	NA	-0.0241 U	-0 0416 U	0 0595 U	0 00309 U	0 0197 U	0.00561 U
EUROPIUM-154	pCi/g	NE	0.0842 U	-0 0169 U	0 0224 U	0.0187 U	-0.0263 U	-0.00127 U	NA	NA	NA	-0.0939 U	-0.0277 U	0.148 U	0.0724 U	0.0434 U	0.0413 U
EUROPIUM-155	pCi/g	NE	0 0326 U	0.0458 U	0 U	0 0123 U	0 U	0 0218 U	NA	NA	NA	-0 00223 U	0 0891 U	-0.0365 U	0.027 U	-0.00353 U	0 0059 U
IODINE-131	pCi/g	NE	0.0228 U	-0 00934 U	-0 00891 U	0.0143 U	-0.0109 U	0 000458 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	-0.00986 U	0.00535 U	-0 00765 U	-0 00106 U	-0.0021 U	0 00384 U	NA	NA	NA	0 0207 U	0 0395 U	0.00947 U	-0.00394 U	-0.0444 U	0.0173 U
IRON-59	pCi/g	NE	-0 00771 U	-0.00441 U	-0 0133 U	-0.00784 U	-0.00179 U	0.0157 U	NA	NA	NA	0.11 U	-0.14 U	-0 0243 U	0.00547 U	0.157 U	0.00606 U
LEAD-210	pCi/g	NE	0 883	1.49 U	3 09 U	1.96 UI	-0 252 U	1 04 U	NA	NA	NA	1 13	12 3 U	1 33 U	-0.45 U	12 2 U	3.37 U
LEAD-212	pCi/g	NE	1 01	0.55	1.02	0.437	1.02	0 448	NA	0 86	0.6	1.03	1 15	0.607	0.157	0 59	0 804
LEAD-214	pCi/g	NE	0.66	0.496	0 783	0 338	0 71	0 39	NA	0 54	NA	1 11	0 656	0 486	0.163	0.493	0.597
MANGANESE-54	pCi/g	NE	0 00472 U	0.00706 U	0.00865 U	0 U	0 00473 U	0 0063 U	NA	NA	NA	-0.0021 U	0.00214 U	0 0529 U	-0 0125 U	0.0418 U	-0 00118 U
MERCURY-203	pCi/g	NE	0.0139 U	0.0077 U	0 00139 U	0.00911 U	0 U	0.0148 U	NA	NA	NA	0.0278 U	-0.0304 U	0.0537 U	-0.0363 U	-0.0147 U	0 0883 U
NEODYMIUM-147	pCi/g	NE	0 061 U	0 016 U	-0.0581 U	0.0109 U	-0 129 U	-0.0146 U	NA	NA	NA	0 868 U	-3 11 U	-7.1 U	-0 301 U	-4.84 U	2.51 U
NEPTUNIUM-239	pCi/g	NE	-0 00688 U	0.0137 U	0 0267 U	0 0107 U	-0 0424 U	-0 0412 U	NA	NA	NA	-0.133 U	0.19 U	0.0259 U	0 0477 U	0 00124 U	0 061 U
NIOBIUM-94	pCi/g	NE	0 0172 U	0 0045 U	-0 00479 U	0.0017 U	-0.0069 U	0 0115 U	NA	NA	NA	-0.0284 U	-0.0168 U	0.0273 U	0 0204 U	0.00288 U	0.0201 U
NIOBIUM-95	pCi/g	NE	0 0135 U	0.00119 U	0 00432 U	0.00764 U	0 0182 U	0.00797 U	NA	NA	NA	0.0916 U	0 0713 U	0 U	0.0761 U	-0 129 U	0 127 U
POTASSIUM-40	pCi/g	NE	16 1	12 1	18 3	11.3	18 1	10 8	19	19.5	14 4	17 5	21 6	12.3	11	12.5	15 5
PROMETHIUM-144	pCi/g	NE	0.000551 U	0.011 U	0 00201 U	0.00679 U	0 0018 U	0 00483 U	NA	NA	NA	0.0112 U	0 0354 U	0 0537 U	0 0165 U	-0.00165 U	-0.0156 U
PROMETHIUM-146	pCi/g	NE	-0.0109 U	0.00631 U	0 0124 U	-0.00329 U	-0.00985 U	-0 00206 U	NA	NA	NA	0 0195 U	-0 00706 U	-0.0105 U	0 000373 U	0.0195 U	-0.0104 U
RADIUM-228	pCi/g	NE	0.997	0.466	0.896	0.325	0.996	0.33	NA	NA	NA	1.05	1.27	0.505	0 U	0.467	0.522

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0039-094	0039-095	0039-096	0039-097	0039-098	0039-099	0002-2036	0002-2037	0002-2038	0002-2234	0002-2235	0002-2236	0002-2249	0002-2250	0002-2251
Sample Location			C5-2	C5-2	C5-3	C5-3	C5-4	C5-4	204-E2	204-E2	204-E2	B5	B5	B5	D5	D5	D5
Sample Date			3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	3/21/2002	1/18/2001	1/18/2001	1/18/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001
Sample Depth (feet)			2-3'	5-6.5'	2-3'	5-6.5'	2-3'	5-6.5'	0-1.5'	3-4.5'	7-8.5'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
RUTHENIUM-106	pCi/g	NE	0.00327 U	-0.0103 U	0.0446 U	0.0261 U	0.0227 U	0.00178 U	NA	NA	NA	0.562 U	-0.331 U	0 U	0.171 U	-0.213 U	-0.164 U
SILVER-110M	pCi/g	NE	-0.00668 U	-0.0166 U	0.0101 U	-0.00302 U	-0.00639 U	0.013 U	NA	NA	NA	-0.0386 U	-0.012 U	-0.13 U	0.0118 U	0.0207 U	-0.0187 U
SODIUM-22	pCi/g	NE	0.03 U	-0.00612 U	0.00817 U	0.00675 U	-0.00937 U	-0.000345 U	NA	NA	NA	-0.0347 U	-0.0104 U	0.0541 U	0.0265 U	0.0157 U	0.0151 U
THALLIUM-208	pCi/g	NE	0.309	0.189	0.305	0.136	0.329	0.133	NA	NA	NA	0.233	0.352	0.088	0.131	0 U	0.214
THORIUM-230	pCi/g	NE	0.659	0.449	0.613	0.287	0.626	0.376	NA	NA	NA	1.02	0.702	0.328	0.177	0.268	0.518
THORIUM-234	pCi/g	NE	1.04	0 U	0.694 U	0.624 U	1.35	0.724 U	NA	NA	NA	1.11	1.05 U	1.62 U	1.12 U	1.65 U	0.631 U
TIN-113	pCi/g	NE	-0.0148 U	0.00929 U	-0.0123 U	-0.0082 U	0.00986 U	-0.0068 U	NA	NA	NA	-0.0551 U	0.0557 U	-0.0195 U	-0.0196 U	0.00485 U	0.0614 U
URANIUM-235	pCi/g	NE	0.129 U	0.0358 U	0.0546 U	0.05 U	0.092 U	0.03 U	NA	NA	NA	0.0726 U	-0.0308 U	0 U	0.0438 U	0.229 U	0.151 U
URANIUM-238	pCi/g	NE	1.04	0 U	0.694 U	0.624 U	1.35	0.724 U	NA	NA	NA	1.11	1.05 U	1.62 U	1.12 U	1.65 U	0.631 U
YTTRIUM-88	pCi/g	NE	-0.00923 U	-0.00865 U	0 U	-6.18E-05 U	-0.00623 U	0.00465 U	NA	NA	NA	-0.0174 U	-0.0576 U	0.0481 U	0.0338 U	0.0113 U	0.0292 U
ZINC-65	pCi/g	NE	0.0133 U	-0.00108 U	-0.0208 U	-0.0299 U	-0.0224 U	-0.00951 U	NA	NA	NA	-0.00792 U	0.115 U	-0.0597 U	-0.0312 U	0.0345 U	0.0677 U
ZIRCONIUM-95	pCi/g	NE	-0.00835 U	-0.00236 U	0.0311 U	0.022 U	0.0227 U	0.0119 U	NA	NA	NA	-0.0236 U	-0.0501 U	-0.0962 U	0.0124 U	-0.064 U	-0.082 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0002-2255	0002-2256	0002-2257	0002-2258	0002-2259	0002-2260	0002-2269	0002-2270	0002-2271	0002-2278	0002-2279	0002-2280	0002-2281	0002-2282	0002-2283
Sample Location			D3	D3	D3	C4	C4	C4	C2	C2	C2	A1	A1	A1	A5	A5	A5
Sample Date			3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**															
Metals																	
HEXAVALENT CHROMIUM	mg/kg	0.2	0.22 U	0.21 U	0.21 U	0.24 U	0.26 U	0.23 U	0.22 U	0.23 U	0.24 U	0.21 U	0.21 U	0.22 U	0.26 U	0.28 U	0.25 U
ANTIMONY	mg/kg	NE	2.7 J	5.3 U	5.3 U	6 U	6.4 U	5.8 U	5.4 U	5.7 U	6.1 U	5.3 U	5.4 U	5.5 U	6.6 U	7.1 U	6.2 U
ARSENIC	mg/kg	9.05	4.3	1.8	1.2	3.9	1.9	1.8	1.5	1.9	2.8	1.5	1.7	2.1	7.5	6.5	2.7
BARIUM	mg/kg	NE	123	11.3	13.1	172	39.4	21.6	27.6	11.2	23.6	33.9	52	11.9	130	116	117
BERYLLIUM	mg/kg	NE	0.22 U	0.21 U	0.21 U	0.24 U	0.26 U	0.23 U	0.22 U	0.23 U	0.24 U	0.21 U	0.21 U	0.22 U	0.26 U	0.28 U	0.25 U
CADMIUM	mg/kg	NE	0.36	0.014 J	0.21 U	0.4	0.046 J	0.024 J	0.22 U	0.23 U	0.24 U	0.21 U	0.21 U	0.22 U	0.034 J	0.044 J	0.25 U
CHROMIUM	mg/kg	NE	19.7	4	4.3	25.5	13.6	7.2	6.4	6	12.2	7.7	18.9	3.9	24.7	31	15.5
COBALT	mg/kg	NE	7.9	1.9	2.8	13.4	4.7	3.5	2.8	2	3	3.5	4.1	2	12.6	13.4	10.8
COPPER	mg/kg	NE	179	1.9	2.9	28.6	9.8	3.7	4.3	1.6	3.5	52.8	9	1.4	28.7	24.9	11.9
LEAD	mg/kg	130	137	0.73	0.74	5.3	2.2	1.2	1.7	0.82	1.6	9.9	2.3	0.69	9.7	10.2	2.9
MERCURY	mg/kg	NE	0.62	0.05 J	0.046 J	0.14 J	0.086 J	0.055 J	0.22 U	0.23 U	0.039 J	0.47	0.078 J	0.22 U	0.11 J	0.19 J	0.065 J
MOLYBDENUM	mg/kg	NE	0.089 J	0.33	0.21 U	0.34	1.9	0.35	0.22 U	0.68	2.2	0.21 U	3.5	0.22 U	0.26 U	0.28 U	0.25 U
NICKEL	mg/kg	NE	9.1	1.3	1.6	10.1	3.2	2.9	2.2	1.3	2.5	2.7	3.4	4.7	12	13.1	6.5
SELENIUM	mg/kg	NE	0.55 U	0.53 U	0.53 U	0.6 U	0.64 U	0.58 U	0.54 U	0.57 U	0.61 U	0.53 U	0.54 U	0.55 U	0.66 U	0.71 U	0.62 U
SILVER	mg/kg	NE	0.55 U	0.53 U	0.53 U	0.6 U	0.64 U	0.58 U	0.54 U	0.57 U	0.61 U	0.53 U	0.54 U	0.55 U	0.66 U	0.71 U	0.62 U
THALLIUM	mg/kg	NE	0.55 U	0.53 U	0.53 U	0.6 U	0.64 U	0.58 U	0.54 U	0.57 U	0.61 U	0.53 U	0.54 U	0.55 U	0.66 U	0.71 U	0.62 U
VANADIUM	mg/kg	NE	37.8	9.5	13.5	64.7	27.6	16.2	20.1	9.8	13.9	23.6	27.1	8.5	63.6	75.5	55.6
ZINC	mg/kg	NE	233	7.1	8.4	59.7	18.9	13.6	12	6.6	12.6	37.6	12.9	6.9	69.4	67.1	31.6
Total Petroleum Hydrocarbons																	
DIESEL	mg/kg	NE	120	11 U	33 J	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	36	12
MOTOR OIL	mg/kg	NE	810	11 U	200	22	13 U	12 U	11 U	11 U	12 U	26	11 U	11 U	13 U	51	19
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U
SPLP MOTOR OIL	mg/L	NE	0.6	0.5 U	0.6	0.5 J	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	2	0.5 U
Pesticides																	
4,4'-DDD	µg/kg	NE	12	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
4,4'-DDE	µg/kg	NE	5	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
4,4'-DDT	µg/kg	NE	45	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
ALDRIN	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
ALPHA-BHC	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
BETA-BHC	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
CHLORDANE	µg/kg	NE	55 U	53 U	270 U	60 U	64 U	58 U	54 U	57 U	61 U	53 U	54 U	55 U	66 U	71 U	62 U
DELTA-BHC	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
DIELDRIN	µg/kg	NE	2.2 U	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
ENDOSULFAN I	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
ENDOSULFAN II	µg/kg	NE	2.2 U	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
ENDOSULFAN SULFATE	µg/kg	NE	5.5 U	5.3 U	27 U	6 U	6.4 U	5.8 U	5.4 U	5.7 U	6.1 U	5.3 U	5.4 U	5.5 U	6.6 U	7.1 U	6.2 U
ENDRIN	µg/kg	NE	2	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
ENDRIN ALDEHYDE	µg/kg	NE	2.2 U	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
ENDRIN KETONE	µg/kg	NE	2.2 U	2.1 U	11 U	2.4 U	2.6 U	2.3 U	2.2 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	2.6 U	2.8 U	2.5 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
HEPTACHLOR	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.1 U	1.1 U	5.3 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	1.2 U
METHOXYCHLOR	µg/kg	NE	11 U	11 U	53 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
TOXAPHENE	µg/kg	NE	110 U	110 U	530 U	120 U	130 U	120 U	110 U	110 U	120 U	110 U	110 U	110 U	130 U	140 U	120 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2255	0002-2256	0002-2257	0002-2258	0002-2259	0002-2260	0002-2269	0002-2270	0002-2271	0002-2278	0002-2279	0002-2280	0002-2281	0002-2282	0002-2283
Sample Location			D3	D3	D3	C4	C4	C4	C2	C2	C2	A1	A1	A1	A5	A5	A5
Sample Date			3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
Polychlorinated Biphenyls																	
AROCLOR 1016	µg/kg	NE	55 U	53 U	53 U	60 U	64 U	58 U	54 U	57 U	61 U	53 U	54 U	55 U	66 U	71 U	62 U
AROCLOR 1221	µg/kg	NE	110 U	110 U	110 U	120 U	130 U	120 U	110 U	110 U	120 U	110 U	110 U	110 U	130 U	140 U	120 U
AROCLOR 1232	µg/kg	NE	55 U	53 U	53 U	60 U	64 U	58 U	54 U	57 U	61 U	53 U	54 U	55 U	66 U	71 U	62 U
AROCLOR 1242	µg/kg	NE	55 U	53 U	53 U	60 U	64 U	58 U	54 U	57 U	61 U	53 U	54 U	55 U	66 U	71 U	62 U
AROCLOR 1248	µg/kg	NE	55 U	53 U	53 U	60 U	64 U	58 U	54 U	57 U	61 U	53 U	54 U	55 U	66 U	71 U	62 U
AROCLOR 1254	µg/kg	NE	28 U	26 U	27 U	30 U	32 U	29 U	27 U	29 U	30 U	26 U	27 U	27 U	33 U	35 U	31 U
AROCLOR 1260	µg/kg	NE	38	26 U	2 J	30 U	32 U	29 U	27 U	29 U	30 U	26 U	27 U	27 U	33 U	35 U	31 U
Herbicides																	
2,4 5-T	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
2,4 5-TP	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
2,4-D	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
2,4-DB	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
3 5-DICHLOROBENZOIC	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
4-NITROPHENOL	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
ACIFLUORFEN	µg/kg	NE	22 U	21 U	21 U	24 U	26 U	23 U	22 U	23 U	24 U	21 U	21 U	22 U	26 U	28 U	25 U
BENTAZON (BASAGRAN)	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
CHLORAMBEN	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
DALAPON	µg/kg	NE	22 U	21 U	21 U	24 U	26 U	23 U	22 U	23 U	24 U	21 U	21 U	22 U	26 U	28 U	25 U
DICAMBA	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
DICHLOROPROP	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
DINOSEB	µg/kg	NE	22 U	21 U	21 U	24 U	26 U	23 U	22 U	23 U	24 U	21 U	21 U	22 U	26 U	28 U	25 U
MCPA	µg/kg	NE	220 U	210 U	210 U	240 U	260 U	230 U	220 U	230 U	240 U	210 U	210 U	220 U	260 U	280 U	250 U
MCPP	µg/kg	NE	220 U	210 U	210 U	240 U	260 U	230 U	220 U	230 U	240 U	210 U	210 U	220 U	260 U	280 U	250 U
PENTACHLOROPHENOL	µg/kg	NE	11	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	15	11 U	11 U	3 J	14 U	12 U
PICLORAM	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
Volatile Organic Compounds																	
1,1,1-TRICHLOROETHANE	µg/kg	NE	5 9 U	5.7 U	5 8 U	6.6 U	6.5 U	6 1 U	6.3 U	6.3 U	6 8 U	5 6 U	5 7 U	6 5 U	6.6 U	6 2 U	5.2 U
1 1 2.2-TETRACHLOROETHANE	µg/kg	NE	5 9 U	5 7 U	5 8 U	6 6 U	6.5 U	6 1 U	6 3 U	6.3 U	6 8 U	5.6 U	5 7 U	6 5 U	6 6 U	6 2 U	5.2 U
1 1 2-TRICHLOROETHANE	µg/kg	NE	5 9 U	5.7 U	5 8 U	6.6 U	6.5 U	6 1 U	6 3 U	6.3 U	6.8 U	5.6 U	5 7 U	6.5 U	6 6 U	6 2 U	5.2 U
1,1-DICHLOROETHANE	µg/kg	NE	5.9 U	5 7 U	5 8 U	6 6 U	6 5 U	6 1 U	6 3 U	6.3 U	6 8 U	5 6 U	5 7 U	6 5 U	6 6 U	6 2 U	5.2 U
1 1-DICHLOROETHENE	µg/kg	NE	5 9 U	5 7 U	5.8 U	6 6 U	6 5 U	6 1 U	6.3 U	6.3 U	6 8 U	5 6 U	5 7 U	6 5 U	6.6 U	6 2 U	5 2 U
1 2-DICHLOROETHANE	µg/kg	NE	5.9 U	5 7 U	5 8 U	6.6 U	6 5 U	6 1 U	6 3 U	6.3 U	6 8 U	5 6 U	5.7 U	6 5 U	6 6 U	6 2 U	5.2 U
1 2-DICHLOROPROPANE	µg/kg	NE	5.9 U	5.7 U	5 8 U	6 6 U	6.5 U	6 1 U	6 3 U	6.3 U	6 8 U	5.6 U	5 7 U	6 5 U	6 6 U	6 2 U	5.2 U
2-BUTANONE	µg/kg	NE	120 U	110 U	120 U	130 U	130 U	120 U	130 U	130 U	140 U	110 U	110 U	130 U	130 U	120 U	100 U
2-HEXANONE	µg/kg	NE	59 U	57 U	58 U	66 U	65 U	61 U	63 U	63 U	68 U	56 U	57 U	65 U	66 U	62 U	52 U
4-METHYL-2-PENTANONE	µg/kg	NE	59 U	57 U	58 U	66 U	65 U	61 U	63 U	63 U	68 U	56 U	57 U	65 U	66 U	62 U	52 U
ACETONE	µg/kg	NE	120 U	110 U	120 U	130 U	35 J	120 U	130 U	130 U	140 U	110 U	110 U	130 U	130 U	120 U	100 U
BENZENE	µg/kg	NE	5 9 U	5 7 U	5.8 U	6 6 U	6 5 U	6 1 U	6.3 U	6.3 U	6.8 U	5 6 U	5 7 U	6 5 U	6.6 U	6.2 U	5 2 U
BROMODICHLOROMETHANE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6 3 U	6 3 U	6 8 U	5.6 U	5.7 U	6 5 U	6.6 U	6 2 U	5 2 U
BROMOFORM	µg/kg	NE	5 9 U	5 7 U	5 8 U	6 6 U	6 5 U	6.1 U	6 3 U	6 3 U	6.8 U	5 6 U	5 7 U	6.5 U	6 6 U	6 2 U	5.2 U
BROMOMETHANE	µg/kg	NE	5 9 U	5 7 U	5 8 U	6 6 U	6.5 U	6 1 U	6 3 U	6.3 U	6.8 U	5 6 U	5 7 U	6 5 U	6.6 U	6 2 U	5 2 U
CARBON DISULFIDE	µg/kg	NE	5.9 U	5.7 U	5 8 U	6.6 U	6 J	6.1 U	6 3 U	6.3 U	6 8 U	5.6 U	5.7 U	6 5 U	6 6 U	6 2 U	5 2 U
CARBON TETRACHLORIDE	µg/kg	NE	5 9 U	5.7 U	5 8 U	6 6 U	6.5 U	6 1 U	6 3 U	6 3 U	6 8 U	5 6 U	5.7 U	6 5 U	6 6 U	6.2 U	5 2 U
CHLOROBENZENE	µg/kg	NE	5 9 U	5 7 U	5.8 U	6 6 U	6 5 U	6.1 U	6.3 U	6 3 U	6.8 U	5 6 U	5.7 U	6.5 U	6 6 U	6 2 U	5.2 U
CHLOROETHANE	µg/kg	NE	5.9 U	5 7 U	5.8 U	6 6 U	6.5 U	6 1 U	6.3 U	6 3 U	6 8 U	5.6 U	5.7 U	6 5 U	6 6 U	6 2 U	5.2 U
CHLOROFORM	µg/kg	NE	5.9 U	5.7 U	5 8 U	6 6 U	6.5 U	6 1 U	6 3 U	6 3 U	6 8 U	5 6 U	5.7 U	6 5 U	6 6 U	6 2 U	5 2 U
CHLOROMETHANE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0002-2255	0002-2256	0002-2257	0002-2258	0002-2259	0002-2260	0002-2269	0002-2270	0002-2271	0002-2278	0002-2279	0002-2280	0002-2281	0002-2282	0002-2283
Sample Location			D3	D3	D3	C4	C4	C4	C2	C2	C2	A1	A1	A1	A5	A5	A5
Sample Date			3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
CIS-1 2-DICHLOROETHENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
ETHYLBENZENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	12 U	11 U	12 U	13 U	13 U	12 U	13 U	13 U	14 U	11 U	11 U	13 U	13 U	12 U	10 U
METHYLENE CHLORIDE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
STYRENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
TETRACHLOROETHENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
TOLUENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	0.5 J
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
TRICHLOROETHENE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
VINYL ACETATE	µg/kg	NE	59 U	57 U	58 U	66 U	65 U	61 U	63 U	63 U	68 U	56 U	57 U	65 U	66 U	62 U	52 U
VINYL CHLORIDE	µg/kg	NE	5.9 U	5.7 U	5.8 U	6.6 U	6.5 U	6.1 U	6.3 U	6.3 U	6.8 U	5.6 U	5.7 U	6.5 U	6.6 U	6.2 U	5.2 U
XYLENES (TOTAL)	µg/kg	NE	18 U	17 U	17 U	20 U	20 U	18 U	19 U	19 U	20 U	17 U	17 U	19 U	20 U	19 U	16 U
Semivolatile Organic Compounds																	
1,2,4-TRICHLOROBENZENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
1,2-DICHLOROBENZENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
1,3-DICHLOROBENZENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
1,4-DICHLOROBENZENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	7100 U	1700 U	6800 U	1900 U	2100 U	1900 U	1700 U	1800 U	1900 U	3400 U	1700 U	1800 U	2100 U	2300 U	2000 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2,4-DICHLOROPHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2,4-DIMETHYLPHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2,4-DINITROPHENOL	µg/kg	NE	7100 U	1700 U	6800 U	1900 U	2100 U	1900 U	1700 U	1800 U	1900 U	3400 U	1700 U	1800 U	2100 U	2300 U	2000 U
2,4-DINITROTOLUENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2,6-DINITROTOLUENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2-CHLORONAPHTHALENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2-CHLOROPHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2-METHYLPHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
2-NITROANILINE	µg/kg	NE	7100 U	1700 U	6800 U	1900 U	2100 U	1900 U	1700 U	1800 U	1900 U	3400 U	1700 U	1800 U	2100 U	2300 U	2000 U
2-NITROPHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	2000 U	470 U	1900 U	530 U	570 U	510 U	420 U	450 U	470 U	930 U	480 U	490 U	580 U	630 U	550 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
3-NITROANILINE	µg/kg	NE	7100 U	1700 U	6800 U	1900 U	2100 U	1900 U	1700 U	1800 U	1900 U	3400 U	1700 U	1800 U	2100 U	2300 U	2000 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	7100 U	1700 U	6800 U	1900 U	2100 U	1900 U	1700 U	1800 U	1900 U	3400 U	1700 U	1800 U	2100 U	2300 U	2000 U
4-BROMOPHENYL-PHENYL ETHER	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
4-CHLOROANILINE	µg/kg	NE	2000 U	470 U	1900 U	530 U	570 U	510 U	820 U	870 U	920 U	930 U	480 U	490 U	580 U	630 U	550 U
4-CHLOROPHENYL-PHENYL ETHER	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
4-NITROANILINE	µg/kg	NE	7100 U	1700 U	6800 U	1900 U	2100 U	1900 U	1700 U	1800 U	1900 U	3400 U	1700 U	1800 U	2100 U	2300 U	2000 U
4-NITROPHENOL	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	µg/kg	NE	55 U	26 U	16 J	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
ACENAPHTHYLENE	µg/kg	NE	13 J	26 U	18 J	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
ANTHRACENE	µg/kg	6100	80	26 U	26 J	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
BENZ[A]ANTHRACENE	µg/kg	560	200	26 U	31	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	10 J	35 U	31 U
BENZO[A]PYRENE	µg/kg	56	130	26 U	23 J	8 J	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
BENZO[B]FLUORANTHENE	µg/kg	560	220	26 U	23 J	9 J	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2255	0002-2256	0002-2257	0002-2258	0002-2259	0002-2260	0002-2269	0002-2270	0002-2271	0002-2278	0002-2279	0002-2280	0002-2281	0002-2282	0002-2283
Sample Location			D3	D3	D3	C4	C4	C4	C2	C2	C2	A1	A1	A1	A5	A5	A5
Sample Date			3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
BENZO[G H I]PERYLENE	µg/kg	NE	81	26 U	18 J	6 J	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
BENZO[K]FLUORANTHENE	µg/kg	610	100	26 U	21 J	5 J	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
CHRYSENE	µg/kg	6100	270	26 U	27	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	31 J	26 U	18 J	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
DIBENZOFURAN	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
DIETHYL PHTHALATE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
DIMETHYL PHTHALATE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
FLUORANTHENE	µg/kg	NE	440	26 U	25 J	6 J	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
FLUORENE	µg/kg	NE	55 U	26 U	18 J	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
HEXACHLOROBENZENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
HEXACHLOROBUTADIENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	2500 U	600 U	2400 U	680 U	720 U	650 U	420 U	440 U	470 U	1200 U	610 U	620 U	740 U	800 U	700 U
HEXACHLOROETHANE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	64	26 U	19 J	5 J	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
NAPHTHALENE	µg/kg	NE	55 U	26 U	18 J	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
NITROBENZENE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	380 U	400 U	690 U	350 U	360 U	430 U	470 U	410 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	1700 U	410 U	1700 U	470 U	500 U	450 U	660 U	700 U	740 U	820 U	420 U	430 U	520 U	560 U	490 U
PENTACHLOROPHENOL	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	µg/kg	NE	160	26 U	20 J	30 U	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
PHENOL	µg/kg	NE	1500 U	350 U	1400 U	400 U	420 U	380 U	360 U	780	520	690 U	350 U	360 U	430 U	300 J	1600
PYRENE	µg/kg	NE	350	26 U	25 J	7 J	32 U	29 U	27 U	29 U	30 U	53 U	27 U	27 U	33 U	35 U	31 U
Organotin																	
DIBUTYLTIN	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
MONOBUTYLTIN	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
TETRABUTYLTIN	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
TRIBUTYLTIN	µg/kg	NE	11 U	11 U	11 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	13 U	14 U	12 U
Dioxins and Furans																	
1 2,3,4,6,7,8 9-OCDD	pg/g	NE	5440	3 7 J	1.8 J	9 6 J	6 6 J	3.7 J	4 9 J	9 4	2.5 J	0.74 J	0.79 J	0 85 J	57.7	2 4 J	0 77 J
1 2 3,4,6,7 8,9-OCDF	pg/g	NE	982	0.5 U	0.6 U	0.69 J	0 62 J	0.2 U	0 3 U	0 88 J	0 4 U	0.3 U	0.3 U	0 3 U	3.7 J	0.3 J	0 3 U
1 2 3 4 6 7,8-HPCDD	pg/g	NE	2420	1 4 J	0 41 J	1 6 J	1 4 J	1 1 J	0.6 J	2.6 J	0.3 U	0 3 U	0 3 U	0.2 U	11 3	0.57 J	0.3 U
1 2 3 4,6,7,8-HPCDF	pg/g	NE	3250	1 9 J	0.18 J	0.53 J	1 6 J	1.2 J	0.27 J	1 6 J	0 2 U	0 1 U	0 1 U	0 1 U	4 J	0 63 J	0 08 J
1,2 3 4,7 8 9-HPCDF	pg/g	NE	87 7	0 2 U	0 3 U	0 3 U	0 2 U	0 09 U	0 2 U	0 3 U	0 2 U	0 2 U	0 2 U	0 2 U	0 3 U	0 2 U	0 2 U
1 2 3 4,7 8-HXCDD	pg/g	NE	142	0 2 U	0 2 U	0.2 U	0 1 U	0 08 U	0 1 U	0 2 U	0 2 U	0 2 U	0 2 U	0 1 U	0 2 U	0 1 U	0 1 U
1 2 3 4,7 8-HXCDF	pg/g	NE	1700	1.1 J	0.19 J	0.29 J	0 62 J	0 67 J	0.14 J	0 88 J	0.09 U	0 1 U	0 13 J	0.09 U	0.56 J	0 46 J	0 1 J
1 2 3 6,7 8-HXCDD	pg/g	NE	342	0 23 J	0 2 U	0 2 U	0.1 U	0 08 U	0.1 U	0 28 J	0.2 U	0 2 U	0 1 U	0 1 U	0 67 J	0 1 U	0 1 U
1 2 3 6 7 8-HXCDF	pg/g	NE	576	0.38 J	0 2 U	0 2 U	0 2 J	0 23 J	0.07 U	0 33 J	0.09 U	0 1 U	0 1 U	0 08 U	0 3 J	0 28 J	0.09 U
1 2 3,7 8 9-HXCDD	pg/g	NE	422	0 41 J	0.2 U	0 2 U	0 1 U	0 08 U	0 1 U	0.33 J	0 2 U	0 2 U	0 1 U	0 1 U	0.68 J	0 1 U	0 1 U
1 2 3,7 8 9-HXCDF	pg/g	NE	16 4	0 1 U	0 2 U	0 2 U	0.1 U	0 06 U	0 09 U	0 2 U	0 1 U	0 2 U	0 2 U	0 1 U	0.2 U	0 1 U	0 1 U
1 2 3 7 8-PECDD	pg/g	NE	139	0 2 U	0 2 U	0 2 U	0 1 U	0 07 U	0.08 U	0 2 U	0 1 U	0 2 U	0 1 U	0 1 U	0 31 J	0 1 U	0 1 U
1,2,3,7,8-PECDF	pg/g	NE	349	0.2 U	0.2 U	0.1 U	0.09 U	0.16 J	0.06 U	0.1 U	0.08 U	0.1 U	0.1 U	0.09 U	0.1 U	0.09 U	0.09 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 6

Sample Number			0002-2255	0002-2256	0002-2257	0002-2258	0002-2259	0002-2260	0002-2269	0002-2270	0002-2271	0002-2278	0002-2279	0002-2280	0002-2281	0002-2282	0002-2283
Sample Location			D3	D3	D3	C4	C4	C4	C2	C2	C2	A1	A1	A1	A5	A5	A5
Sample Date			3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
2 3,4 6,7 8-HXCDF	pg/g	NE	766	0 64 J	0 2 U	0 2 U	0.37 J	0.33 J	0 07 U	0.54 J	0 1 U	0.1 U	0.1 U	0.09 U	0 54 J	0.35 J	0.1 U
2 3.4.7,8-PECDF	pg/g	NE	761	0 44 J	0 2 U	0 1 U	0 09 U	0 29 J	0 06 U	0 44 J	0 08 U	0.1 U	0 1 U	0 09 U	0 23 J	0.19 J	0 1 U
2.3.7.8-TCDD	pg/g	NE	24 3	0 2 U	0 2 U	0 2 U	0.09 U	0.05 U	0.08 U	0 2 U	0 1 U	0 1 U	0 1 U	0.1 U	0 41 J	0.1 U	0 1 U
2.3.7.8-TCDF	pg/g	NE	239	1	0 2 U	0.28 J	0 24 J	0.59 J	0 11 J	0 65 J	0.07 U	0.1 U	0.09 U	0.08 U	0 51 J	0 33 J	0 08 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	9.76E-04	6.33E-07	2.67E-08	8.86E-08	1.80E-07	3.62E-07	3.86E-08	5.73E-07	2.50E-09	7.40E-10	1.38E-08	8.50E-10	1.22E-06	2.52E-07	1.16E-08
Radiochemistry																	
GROSS ALPHA	pCi/g	NE	7.78	5 13	4 75	9.46	8 82	10 7	3 36	11 1	7.17	2.56 U	6.98	9 22	9.38	5 62	14 2
GROSS BETA	pCi/g	NE	17.5	13 9	14 5	17 5	18 5	18 2	15.5	19.4	17 5	17	18 3	13 3	19 4	14 1	16.7
ACTINIUM-227	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACTINIUM-228	pCi/g	NE	0 U	0.71	0 U	0 0274 U	0 253 U	0.598	0 U	0 U	0 282 U	0.436 U	0 512 U	0 132 U	1 54	0 U	0 U
AMERICIUM-241	pCi/g	NE	0 0736 U	-0.051 U	-0.468 U	-0 00326 U	-0 134 U	0 00272 U	0 0436 U	-0.0508 U	0 167 U	-0 0064 U	-0.0743 U	-0.332 U	-0 222 U	0 0718 U	-0 338 U
ANTIMONY-124	pCi/g	NE	-0 0176 U	-0 0341 U	-0.117 U	-0.0186 U	-0.0367 U	-0.0672 U	-0 0594 U	0 00877 U	-0.0407 U	0.0637 U	0 0698 U	-0 0125 U	0.000353 U	-0.0226 U	0 U
ANTIMONY-125	pCi/g	NE	-0 0626 U	0.00734 U	0 0965 U	0 0359 U	-0.0118 U	0.0882 U	-0 0816 U	0 0222 U	-0 0633 U	-0 133 U	0.112 U	-0 0593 U	0.00702 U	-0 042 U	0 221 U
BARIUM-133	pCi/g	NE	-0 0252 U	0 0324 U	0 0115 U	-0 00128 U	0 00802 U	-0 00349 U	-0 0206 U	-0 0236 U	0.0322 U	-0 0202 U	-0.00643 U	-0 017 U	-0 0418 U	-0 0139 U	-0 0569 U
BARIUM-140	pCi/g	NE	1 43 U	-0 479 U	-2.02 U	-5.55 U	2 53 U	1 3 U	0.34 U	-2.37 U	-0 507 U	-0.578 U	0 0943 U	-0.27 U	0.152 U	-0.17 U	-0 414 U
BERYLLIUM-7	pCi/g	NE	-0 324 U	-0 298 U	0 554 U	-0 0359 U	-0 19 U	0 177 U	0 302 U	-0 24 U	0 476 U	0.251 U	-0 0587 U	-0 289 U	-0 263 U	-0.000497 U	-0 311 U
BISMUTH-212	pCi/g	NE	0 U	0 45 U	0 772 U	0 289 U	0 194 U	0 594 U	0 513 U	0 315 U	0 413 U	0 168 U	0 U	0 729 U	0 946	0 555 U	1 02 U
BISMUTH-214	pCi/g	NE	0.796	0 285	0 U	0 U	0.569	0 435	0 U	0 U	0 399	0 U	0 382	0 U	0 771	0.32	0 499
CERIUM-139	pCi/g	NE	-0 0288 U	-0 0162 U	-0 00853 U	0 00377 U	-0 025 U	-0 0121 U	0 0373 U	0 00621 U	0 0315 U	-0 0261 U	-0 0101 U	-0 0196 U	0 0225 U	-0 00435 U	-0 0319 U
CERIUM-141	pCi/g	NE	0.101 U	0 0767 U	0 256 U	0 0954 U	0 0358 U	0 0442 U	-0 0258 U	-0 00589 U	-0 0813 U	0 104 U	0 0568 U	0 U	0.00777 U	-0 00555 U	0 013 U
CERIUM-144	pCi/g	NE	0 0369 U	-0 112 U	-0 0463 U	0.00283 U	0.0478 U	0 0341 U	0 0366 U	0.0332 U	-0.0696 U	-0 0546 U	0 0131 U	-0.141 U	0.06 U	-0.0989 U	0 0307 U
CESIUM-134	pCi/g	NE	0.00371 U	-0 0178 U	0 0536 U	-0 0323 U	-0 0234 U	0.00822 U	-0 00565 U	-0.0675 U	-0.163 U	-0.00575 U	-0 00489 U	0 0228 U	-0.0884 U	-0 0377 U	0 U
CESIUM-136	pCi/g	NE	-1 14 U	-0 883 U	-1 18 U	0.899 U	1.29 U	-0.214 U	-0 181 U	-1 56 U	0.105 U	0 0686 U	-0 142 U	0 122 U	0 221 U	-0.151 U	-0 271 U
CESIUM-137	pCi/g	NE	0 0655 U	0 U	0 0312 U	0.00176 U	0.027 U	-0.0222 U	-0 0165 U	0.0219 U	0.131	0 0309 U	0 U	0 0693 U	0 0367 U	0 0238 U	-0 028 U
CHROMIUM-51	pCi/g	NE	-0.713 U	0.472 U	-1 57 U	0.71 U	-0 275 U	-0 319 U	-0 23 U	1 17 U	0 804 U	0 834 U	-0.032 U	-0 248 U	-0 178 U	0.0848 U	-0 0133 U
COBALT-56	pCi/g	NE	-0 0704 U	-0.0414 U	-0.0831 U	-0 00894 U	0 0257 U	-0.0336 U	0 0733 U	0.0151 U	0 U	0.114 U	-0 00318 U	0 0153 U	-0.0223 U	0 0181 U	0 0734 U
COBALT-57	pCi/g	NE	0 0261 U	-0 013 U	0 00314 U	0 000938 U	0 0346 U	-0 00303 U	-0 00121 U	0 028 U	-0.0181 U	-0 00721 U	0 0102 U	0 00383 U	0 0137 U	-0.0101 U	-0.0306 U
COBALT-58	pCi/g	NE	0.0532 U	-0 000561 U	-0 133 U	-0 0254 U	0 0363 U	0 0139 U	-0 0671 U	-0.0265 U	-0 00994 U	-0 0975 U	0 0268 U	0 0653 U	-0 0312 U	-0 027 U	-0 0323 U
COBALT-60	pCi/g	NE	-0 00248 U	-0.0211 U	0 0948 U	0 0477 U	-0 041 U	0 000754 U	-0.0243 U	0 0482 U	0.00779 U	0 0324 U	-0 0232 U	0.083 U	0 0111 U	0 0177 U	-0 0273 U
EUROPIUM-152	pCi/g	NE	-0 0468 U	0 0662 U	0.00144 U	0 108 U	0.0603 U	0 0497 U	0 0961 U	-0.0124 U	0.0132 U	0.00809 U	-0 0161 U	-0.0229 U	0 00758 U	-0 0426 U	-0 0205 U
EUROPIUM-154	pCi/g	NE	-0 0265 U	-0 0187 U	-0.259 U	0.12 U	-0.0531 U	-0 0435 U	-0 0674 U	0 0462 U	0 159 U	-0 00146 U	0 00756 U	0 0164 U	0 134 U	-0.038 U	-0 0992 U
EUROPIUM-155	pCi/g	NE	0 0467 U	0 138 U	0 214 U	-0 00377 U	0.0486 U	0 0916 U	0 101 U	0 092 U	0.028 U	0.0591 U	0 0441 U	-0 0168 U	0 0597 U	0.0949 U	0 141 U
IODINE-131	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRIDIUM-192	pCi/g	NE	0.0101 U	-0 0402 U	0 0478 U	0 023 U	-0.00102 U	0 0177 U	0 00225 U	-0 0505 U	-0.05 U	-0 0189 U	-0.0132 U	0 0126 U	0 0834 U	0.0216 U	0.0123 U
IRON-59	pCi/g	NE	0 U	0.00859 U	-0.00477 U	0.0757 U	-0 156 U	0 0739 U	-0.0743 U	-0 0886 U	0.179 U	-0 101 U	-0 0961 U	0.0758 U	-0 177 U	-0 136 U	-0 255 U
LEAD-210	pCi/g	NE	0 U	10 3 U	1 07 U	0 691 U	-1 89 U	1 74 U	3.14 U	0 U	1.55 U	0 308 U	18 U	0 842 U	7 02 U	7 87 U	0 125 U
LEAD-212	pCi/g	NE	0 771	0 626	0.587	0 578	0 517	0.759	0 588	0 761	0 U	0 472	0 526	0 U	0 98	0 643	0 772
LEAD-214	pCi/g	NE	0 856	0 464	0.659	0 569	0 619	0.61	0.34	0 476	0.336	0 338	0.301	0 277	0 873	0 274	0 645
MANGANESE-54	pCi/g	NE	0 0171 U	0.0713 U	0 0214 U	-0.0254 U	0 00805 U	-0.0108 U	0.00836 U	0 0932	0.0467 U	-0.0152 U	-0 0327 U	0 0412 U	0 0782 U	0.00332 U	0 132 U
MERCURY-203	pCi/g	NE	0 0712 U	-0.0424 U	-0.0659 U	0 00328 U	0 0105 U	-0 0518 U	-0.0265 U	0.0335 U	0 0401 U	0 0149 U	0.000541 U	0.00585 U	0 0347 U	0.0286 U	0 0607 U
NEODYMIUM-147	pCi/g	NE	0.084 U	5 27 U	-10 9 U	-7 11 U	-4 38 U	6 93 U	-0 1 U	1 09 U	-3 11 U	0.203 U	0 573 U	-0.469 U	-0.00291 U	-0.164 U	0 709 U
NEPTUNIUM-239	pCi/g	NE	0.0956 U	-0 00764 U	-0 24 U	-0 111 U	-0.0297 U	-0 167 U	-0 11 U	-0.0643 U	-0.0258 U	0 0309 U	0 127 U	-0 15 U	0 179 U	-0 029 U	0.107 U
NIOBIUM-94	pCi/g	NE	-0.0291 U	-0.0103 U	-0 0283 U	0.00675 U	0 00745 U	0 0258 U	0.000509 U	0 0121 U	-0 0187 U	-0 0697 U	0 00976 U	0 0219 U	0 0217 U	0 0323 U	0.00378 U
NIOBIUM-95	pCi/g	NE	0 166 U	-0 115 U	-0.163 U	0 157 U	0 0171 U	0 0589 U	0 0144 U	0 18 U	0.066 U	0 13 U	0 0164 U	0 0241 U	0 165 U	0 00201 U	0 0215 U
POTASSIUM-40	pCi/g	NE	17 9	13 8	13.1	16 3	15.2	15.5	12 4	14 7	14	15 3	13.2	13 7	18 1	16.7	15 3
PROMETHIUM-144	pCi/g	NE	-0 00318 U	-0 00715 U	0 U	-0 00461 U	0 0237 U	-0 0255 U	-0 00252 U	0 000657 U	0 0454 U	-0 0246 U	0 00315 U	0 0349 U	-0 0207 U	0 0325 U	-0 0395 U
PROMETHIUM-146	pCi/g	NE	0 0588 U	0 0379 U	0 023 U	0 00129 U	0 00454 U	0 0027 U	-0 0319 U	0 043 U	-0 0107 U	0 0716 U	0 0327 U	0 0129 U	-0 00915 U	0 0387 U	-0 0224 U
RADIUM-228	pCi/g	NE	0 U	0.71	0.805	0.0274 U	0.253 U	0.598	0 U	0 U	0.282 U	0.436 U	0.512	0.132 U	1.54	0.684	0 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2255	0002-2256	0002-2257	0002-2258	0002-2259	0002-2260	0002-2269	0002-2270	0002-2271	0002-2278	0002-2279	0002-2280	0002-2281	0002-2282	0002-2283
Sample Location			D3	D3	D3	C4	C4	C4	C2	C2	C2	A1	A1	A1	A5	A5	A5
Sample Date			3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/15/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'	0-1.5'	4-5.5'	8.5-10'
Analyte	Units	Cleanup Goals															
RUTHENIUM-106	pCi/g	NE	0.402 U	-0.134 U	-0.033 U	-0.103 U	0.161 U	-0.0567 U	0.0205 U	0.217 U	-0.0902 U	-0.399 U	-0.0653 U	-0.1 U	0.47 U	0.152 U	-0.175 U
SILVER-110M	pCi/g	NE	0.057 U	-0.0568 U	0.0314 U	0.0458 U	-0.0251 U	-0.00265 U	0.0256 U	-0.0379 U	0.0291 U	-0.0303 U	-0.0745 U	-0.0502 U	0.0282 U	0.0627 U	0.0483 U
SODIUM-22	pCi/g	NE	-0.00934 U	-0.00654 U	-0.0946 U	0.0436 U	-0.0197 U	-0.0228 U	-0.0254 U	0.0167 U	0.0581 U	-0.000728 U	0.00272 U	0.00609 U	0.0479 U	-0.0135 U	-0.0361 U
THALLIUM-208	pCi/g	NE	0.37	0.264	0.203	0.194	0.202	0.15	0.167	0.196	0 U	0.224	0.144	0.0525 U	0.526	0.168	0 U
THORIUM-230	pCi/g	NE	0.796	0.285	0.627	0.555	0.569	0.435	0.291	0.473	0.399	0.41	0.382	0.434	0.771	0.32	0.499
THORIUM-234	pCi/g	NE	0.853 U	2.55 U	0 U	0.446 U	0.695 U	0.022 U	1.9	0.437 U	0.811 U	0.713 U	3.41 U	0 U	1.28 U	3.23 U	0 U
TIN-113	pCi/g	NE	-0.0356 U	-0.00385 U	-0.0708 U	0.0172 U	-0.0178 U	-0.0273 U	-0.00784 U	-0.022 U	-0.03 U	0.0109 U	0.0035 U	0.0701 U	-0.00994 U	0.0197 U	0.017 U
URANIUM-235	pCi/g	NE	0.273 U	0.127 U	0 U	0.0481 U	0.119 U	0.271 U	0.0147 U	-0.0589 U	0.131 U	0.47 U	0.094 U	0.463 U	0.166 U	0.216 U	0.124 U
URANIUM-238	pCi/g	NE	0.853 U	2.55 U	0 U	0.446 U	0.695 U	0.022 U	1.9	0.437 U	0.811 U	0.713 U	3.41 U	0 U	1.28 U	3.23 U	0 U
YTTRIUM-88	pCi/g	NE	0.021 U	0.0206 U	0.0577 U	0.0357 U	0.00319 U	-0.0289 U	-0.0451 U	-0.0138 U	0.0135 U	0.0134 U	0.0186 U	-0.00758 U	0.0346 U	0.011 U	-0.0402 U
ZINC-65	pCi/g	NE	-0.144 U	0.106 U	-0.165 U	0.151 U	-0.0493 U	-0.0527 U	-0.0808 U	0.038 U	-0.059 U	-0.00641 U	-0.0126 U	-0.0944 U	-0.167 U	-0.00361 U	-0.0912 U
ZIRCONIUM-95	pCi/g	NE	-0.166 U	0 U	-0.171 U	0.0227 U	0.0139 U	-0.0166 U	-0.0468 U	0.0331 U	-0.0595 U	0.179 U	0.0341 U	-0.0143 U	-0.0682 U	-0.0114 U	0.0902 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2287	0002-2288	0002-2289
Sample Location			B3	B3	B3
Sample Date			3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**			
Metals					
HEXAVALENT CHROMIUM	mg/kg	0.2	0.24 U	0.21 U	0.26 U
ANTIMONY	mg/kg	NE	6 U	5.2 U	6.4 U
ARSENIC	mg/kg	9.05	5.2	1.6	2.6
BARIUM	mg/kg	NE	174	5.9	14
BERYLLIUM	mg/kg	NE	0.24 U	0.21 U	0.26 U
CADMIUM	mg/kg	NE	0.45	0.21 U	0.26 U
CHROMIUM	mg/kg	NE	27.6	3.2	6.4
COBALT	mg/kg	NE	15.6	1.6	2.6
COPPER	mg/kg	NE	26.1	1.2	2.3
LEAD	mg/kg	130	6.7	0.6	1.2
MERCURY	mg/kg	NE	0.052 J	0.064 J	0.26 U
MOLYBDENUM	mg/kg	NE	0.24 U	0.21 U	0.27
NICKEL	mg/kg	NE	12.8	0.87	1.9
SELENIUM	mg/kg	NE	0.6 U	0.52 U	0.64 U
SILVER	mg/kg	NE	0.6 U	0.52 U	0.64 U
THALLIUM	mg/kg	NE	0.6 U	0.52 U	0.64 U
VANADIUM	mg/kg	NE	73.9	9.2	13.1
ZINC	mg/kg	NE	59.8	4.9	7.9
Total Petroleum Hydrocarbons					
DIESEL	mg/kg	NE	12 U	10 U	260
MOTOR OIL	mg/kg	NE	21	10 U	190
SPLP DIESEL	mg/L	NE	0.5 U	0.5 U	0.5 U
SPLP MOTOR OIL	mg/L	NE	0.5	0.5	0.5 U
Pesticides					
4,4'-DDD	µg/kg	NE	2.4 U	2.1 U	2.6 U
4,4'-DDE	µg/kg	NE	2.4 U	2.1 U	2.6 U
4,4'-DDT	µg/kg	NE	2.4 U	2.1 U	2.6 U
ALDRIN	µg/kg	NE	1.2 U	1 U	1.3 U
ALPHA-BHC	µg/kg	NE	1.2 U	1 U	1.3 U
BETA-BHC	µg/kg	NE	1.2 U	1 U	1.3 U
CHLORDANE	µg/kg	NE	60 U	52 U	64 U
DELTA-BHC	µg/kg	NE	1.2 U	1 U	1.3 U
DIELDRIN	µg/kg	NE	2.4 U	2.1 U	2.6 U
ENDOSULFAN I	µg/kg	NE	1.2 U	1 U	1.3 U
ENDOSULFAN II	µg/kg	NE	2.4 U	2.1 U	2.6 U
ENDOSULFAN SULFATE	µg/kg	NE	6 U	5.2 U	6.4 U
ENDRIN	µg/kg	NE	2.4 U	2.1 U	2.6 U
ENDRIN ALDEHYDE	µg/kg	NE	2.4 U	2.1 U	2.6 U
ENDRIN KETONE	µg/kg	NE	2.4 U	2.1 U	2.6 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.2 U	1 U	1.3 U
HEPTACHLOR	µg/kg	NE	1.2 U	1 U	1.3 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.2 U	1 U	1.3 U
METHOXYCHLOR	µg/kg	NE	12 U	10 U	13 U
TOXAPHENE	µg/kg	NE	120 U	100 U	130 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2287	0002-2288	0002-2289
Sample Location			B3	B3	B3
Sample Date			3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**			
Polychlorinated Biphenyls					
AROCLOR 1016	µg/kg	NE	60 U	52 U	64 U
AROCLOR 1221	µg/kg	NE	120 U	100 U	130 U
AROCLOR 1232	µg/kg	NE	60 U	52 U	64 U
AROCLOR 1242	µg/kg	NE	60 U	52 U	64 U
AROCLOR 1248	µg/kg	NE	60 U	52 U	64 U
AROCLOR 1254	µg/kg	NE	30 U	26 U	32 U
AROCLOR 1260	µg/kg	NE	30 U	26 U	32 U
Herbicides					
2,4,5-T	µg/kg	NE	12 U	10 U	13 U
2,4,5-TP	µg/kg	NE	12 U	10 U	13 U
2,4-D	µg/kg	NE	12 U	10 U	13 U
2,4-DB	µg/kg	NE	12 U	10 U	13 U
3,5-DICHLOROBENZOIC	µg/kg	NE	12 U	10 U	13 U
4-NITROPHENOL	µg/kg	NE	12 U	10 U	13 U
ACIFLUORFEN	µg/kg	NE	24 U	21 U	26 U
BENTAZON (BASAGRAN)	µg/kg	NE	12 U	10 U	13 U
CHLORAMBEN	µg/kg	NE	12 U	10 U	13 U
DALAPON	µg/kg	NE	24 U	21 U	26 U
DICAMBA	µg/kg	NE	12 U	10 U	13 U
DICHLOROPROP	µg/kg	NE	12 U	10 U	13 U
DINOSEB	µg/kg	NE	24 U	21 U	26 U
MCPA	µg/kg	NE	240 U	210 U	260 U
MCPP	µg/kg	NE	240 U	210 U	260 U
PENTACHLOROPHENOL	µg/kg	NE	12 U	10 U	13 U
PICLORAM	µg/kg	NE	12 U	10 U	13 U
Volatile Organic Compounds					
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
1,1-DICHLOROETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
1,1-DICHLOROETHENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
1,2-DICHLOROETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
2-BUTANONE	µg/kg	NE	110 U	97 U	86 U
2-HEXANONE	µg/kg	NE	57 U	49 U	43 U
4-METHYL-2-PENTANONE	µg/kg	NE	57 U	49 U	43 U
ACETONE	µg/kg	NE	110 U	97 U	86 U
BENZENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
BROMODICHLOROMETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
BROMOFORM	µg/kg	NE	5.7 U	4.9 U	4.3 U
BROMOMETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
CARBON DISULFIDE	µg/kg	NE	5.7 U	4.9 U	4.3 U
CARBON TETRACHLORIDE	µg/kg	NE	5.7 U	4.9 U	4.3 U
CHLOROBENZENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
CHLOROETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
CHLOROFORM	µg/kg	NE	5.7 U	4.9 U	4.3 U
CHLOROMETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2287	0002-2288	0002-2289
Sample Location			B3	B3	B3
Sample Date			3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**			
CIS-1 2-DICHLOROETHENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
CIS-1 3-DICHLOROPROPENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.7 U	4.9 U	4.3 U
ETHYLBENZENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	11 U	9.7 U	8.6 U
METHYLENE CHLORIDE	µg/kg	NE	5.7 U	4.9 U	4.3 U
STYRENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
TETRACHLOROETHENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
TOLUENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
TRANS-1 2-DICHLOROETHENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
TRANS-1 3-DICHLOROPROPENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
TRICHLOROETHENE	µg/kg	NE	5.7 U	4.9 U	4.3 U
VINYL ACETATE	µg/kg	NE	57 U	49 U	43 U
VINYL CHLORIDE	µg/kg	NE	5.7 U	4.9 U	4.3 U
XYLENES (TOTAL)	µg/kg	NE	17 U	15 U	13 U
Semivolatile Organic Compounds					
1 2,4-TRICHLOROBENZENE	µg/kg	NE	390 U	340 U	420 U
1,2-DICHLOROBENZENE	µg/kg	NE	390 U	340 U	420 U
1,3-DICHLOROBENZENE	µg/kg	NE	390 U	340 U	420 U
1,4-DICHLOROBENZENE	µg/kg	NE	390 U	340 U	420 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	1900 U	1700 U	2100 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	390 U	340 U	420 U
2,4-DICHLOROPHENOL	µg/kg	NE	390 U	340 U	420 U
2,4-DIMETHYLPHENOL	µg/kg	NE	390 U	340 U	420 U
2,4-DINITROPHENOL	µg/kg	NE	1900 U	1700 U	2100 U
2,4-DINITROTOLUENE	µg/kg	NE	390 U	340 U	420 U
2,6-DINITROTOLUENE	µg/kg	NE	390 U	340 U	420 U
2-CHLORONAPHTHALENE	µg/kg	NE	390 U	340 U	420 U
2-CHLOROPHENOL	µg/kg	NE	390 U	340 U	420 U
2-METHYLPHENOL	µg/kg	NE	390 U	340 U	420 U
2-NITROANILINE	µg/kg	NE	1900 U	1700 U	2100 U
2-NITROPHENOL	µg/kg	NE	390 U	340 U	420 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	530 U	460 U	570 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	390 U	340 U	420 U
3-NITROANILINE	µg/kg	NE	1900 U	1700 U	2100 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	1900 U	1700 U	2100 U
4-BROMOPHENYL-PHENYL ETHER	µg/kg	NE	390 U	340 U	420 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	390 U	340 U	420 U
4-CHLOROANILINE	µg/kg	NE	530 U	460 U	570 U
4-CHLOROPHENYL-PHENYL ETHER	µg/kg	NE	390 U	340 U	420 U
4-NITROANILINE	µg/kg	NE	1900 U	1700 U	2100 U
4-NITROPHENOL	µg/kg	NE	NA	NA	NA
ACENAPHTHENE	µg/kg	NE	30 U	26 U	32 U
ACENAPHTHYLENE	µg/kg	NE	30 U	26 U	32 U
ANTHRACENE	µg/kg	6100	30 U	26 U	32 U
BENZ[A]ANTHRACENE	µg/kg	560	30 U	26 U	32 U
BENZO[A]PYRENE	µg/kg	56	30 U	26 U	32 U
BENZO[B]FLUORANTHENE	µg/kg	560	30 U	26 U	32 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2287	0002-2288	0002-2289
Sample Location			B3	B3	B3
Sample Date			3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**			
BENZO[G.H I]PERYLENE	µg/kg	NE	30 U	26 U	32 U
BENZO[K]FLUORANTHENE	µg/kg	610	30 U	26 U	32 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	390 U	340 U	420 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	390 U	340 U	420 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	390 U	340 U	420 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	390 U	340 U	420 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	390 U	340 U	420 U
CHRYSENE	µg/kg	6100	30 U	26 U	32 U
DIBENZ[A H]ANTHRACENE	µg/kg	56	30 U	26 U	32 U
DIBENZOFURAN	µg/kg	NE	390 U	340 U	420 U
DIETHYL PHTHALATE	µg/kg	NE	390 U	340 U	420 U
DIMETHYL PHTHALATE	µg/kg	NE	390 U	340 U	420 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	390 U	340 U	420 U
DI-N-OCTYL PHTHALATE	µg/kg	NE	390 U	340 U	420 U
FLUORANTHENE	µg/kg	NE	30 U	26 U	32 U
FLUORENE	µg/kg	NE	30 U	26 U	32 U
HEXACHLOROBENZENE	µg/kg	NE	390 U	340 U	420 U
HEXACHLOROBUTADIENE	µg/kg	NE	390 U	340 U	420 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	670 U	580 U	720 U
HEXACHLOROETHANE	µg/kg	NE	390 U	340 U	420 U
INDENO[1 2 3-CD]PYRENE	µg/kg	560	30 U	26 U	32 U
NAPHTHALENE	µg/kg	NE	30 U	26 U	32 U
NITROBENZENE	µg/kg	NE	390 U	340 U	420 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	390 U	340 U	420 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	470 U	400 U	500 U
PENTACHLOROPHENOL	µg/kg	NE	NA	NA	NA
PHENANTHRENE	µg/kg	NE	30 U	26 U	32 U
PHENOL	µg/kg	NE	1700	110 J	780
PYRENE	µg/kg	NE	30 U	26 U	32 U
Organotin					
DIBUTYLTIN	µg/kg	NE	12 U	10 U	13 U
MONOBUTYLTIN	µg/kg	NE	12 U	10 U	13 U
TETRABUTYLTIN	µg/kg	NE	12 U	10 U	13 U
TRIBUTYLTIN	µg/kg	NE	12 U	10 U	13 U
Dioxins and Furans					
1 2 3 4 6,7 8 9-OCDD	pg/g	NE	49 3	0 3 U	0 79 J
1,2,3 4 6 7 8 9-OCDF	pg/g	NE	2 3 J	0 2 U	0 1 U
1 2 3 4 6 7 8-HPCDD	pg/g	NE	6 6	0 2 U	0 1 U
1,2 3 4 6 7 8-HPCDF	pg/g	NE	2 2 J	0.09 U	0 04 U
1 2 3 4,7,8 9-HPCDF	pg/g	NE	0.2 U	0.1 U	0.06 U
1 2 3 4 7 8-HXCDD	pg/g	NE	0 1 U	0 1 U	0 06 U
1 2 3 4,7,8-HXCDF	pg/g	NE	0 36 J	0 07 U	0 09 J
1 2 3 6 7 8-HXCDD	pg/g	NE	0 34 J	0.1 U	0 06 U
1 2 3,6 7 8-HXCDF	pg/g	NE	0 16 J	0.07 U	0 03 U
1 2 3 7 8 9-HXCDD	pg/g	NE	0 42 J	0 1 U	0.05 U
1,2 3 7 8,9-HXCDF	pg/g	NE	0 29 J	0 09 U	0 04 U
1 2 3 7,8-PECDD	pg/g	NE	0 1 U	0 08 U	0 05 U
1,2,3,7,8-PECDF	pg/g	NE	0.08 U	0.06 U	0.04 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2287	0002-2288	0002-2289
Sample Location			B3	B3	B3
Sample Date			3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**			
2,3,4,6,7,8-HXCDF	pg/g	NE	0.28 J	0.07 U	0.04 U
2,3,4,7,8-PECDF	pg/g	NE	0.08 U	0.06 U	0.04 U
2,3,7,8-TCDD	pg/g	NE	0.17 J	0.09 U	0.05 U
2,3,7,8-TCDF	pg/g	NE	0.26 J	0.07 U	0.04 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	5.21E-07	0.00E+00	9.79E-09
Radiochemistry					
GROSS ALPHA	pCi/g	NE	14.1	4.23	7.71
GROSS BETA	pCi/g	NE	19.4	13.5	22
ACTINIUM-227	pCi/g	NE	NA	NA	NA
ACTINIUM-228	pCi/g	NE	1.6	0 U	0.759
AMERICIUM-241	pCi/g	NE	-0.162 U	-0.119 U	-0.422 U
ANTIMONY-124	pCi/g	NE	0.0466 U	0.0242 U	-0.0451 U
ANTIMONY-125	pCi/g	NE	0.0577 U	-0.0632 U	-0.00286 U
BARIUM-133	pCi/g	NE	-0.0154 U	0.0229 U	0.055 U
BARIUM-140	pCi/g	NE	-0.238 U	0 U	0.0673 U
BERYLLIUM-7	pCi/g	NE	-0.501 U	-0.219 U	-0.347 U
BISMUTH-212	pCi/g	NE	0.478 U	0.0647 U	0.934 U
BISMUTH-214	pCi/g	NE	0.164 U	0 U	0.74
CERIUM-139	pCi/g	NE	-0.0299 U	-0.00712 U	0.0394 U
CERIUM-141	pCi/g	NE	0.0516 U	0.0176 U	0.116 U
CERIUM-144	pCi/g	NE	0.208 U	0.236 U	-0.195 U
CESIUM-134	pCi/g	NE	-0.0637 U	0.0288 U	0.0561 U
CESIUM-136	pCi/g	NE	-0.000936 U	0.0737 U	0.0125 U
CESIUM-137	pCi/g	NE	0.106 U	0.0237 U	-0.00749 U
CHROMIUM-51	pCi/g	NE	0.0534 U	-0.388 U	0.483 U
COBALT-56	pCi/g	NE	0.0514 U	-0.00602 U	-0.00176 U
COBALT-57	pCi/g	NE	-0.000461 U	-0.0118 U	-0.0103 U
COBALT-58	pCi/g	NE	-0.0164 U	-0.0184 U	0.0468 U
COBALT-60	pCi/g	NE	-0.00859 U	0.00731 U	0.0933 U
EUROPIUM-152	pCi/g	NE	0.0823 U	0.00264 U	-0.0492 U
EUROPIUM-154	pCi/g	NE	0.307 U	-0.0331 U	0.204 U
EUROPIUM-155	pCi/g	NE	-0.0111 U	0 U	0 U
IODINE-131	pCi/g	NE	NA	NA	NA
IRIDIUM-192	pCi/g	NE	-0.0354 U	-0.0224 U	-0.0421 U
IRON-59	pCi/g	NE	0.213 U	0.0878 U	0.033 U
LEAD-210	pCi/g	NE	8.28 U	6.88 U	1.2
LEAD-212	pCi/g	NE	0.698	0.323	0.904
LEAD-214	pCi/g	NE	0.527	0.243	0.436
MANGANESE-54	pCi/g	NE	0.0481 U	-0.0249 U	0.0137 U
MERCURY-203	pCi/g	NE	0.068 U	0.0138 U	0.0139 U
NEODYMIUM-147	pCi/g	NE	0.441 U	-0.978 U	-0.761 U
NEPTUNIUM-239	pCi/g	NE	0.0583 U	0.124 U	-0.307 U
NIOBIUM-94	pCi/g	NE	0.0125 U	0.0458 U	0.00625 U
NIOBIUM-95	pCi/g	NE	0.0883 U	-0.0394 U	0.109 U
POTASSIUM-40	pCi/g	NE	16.7	11.3	15.4
PROMETHIUM-144	pCi/g	NE	0.0206 U	0.0187 U	0.0574 U
PROMETHIUM-146	pCi/g	NE	0.0804 U	0.0204 U	-0.0112 U
RADIUM-228	pCi/g	NE	1.6	0 U	0.759

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 6

Sample Number			0002-2287	0002-2288	0002-2289
Sample Location			B3	B3	B3
Sample Date			3/16/2001	3/16/2001	3/16/2001
Sample Depth (feet)			0-1.5'	4-5.5'	8.5-10'
Analyte	**Units**	**Cleanup Goals**			
RUTHENIUM-106	pCi/g	NE	-0 382 U	-0 119 U	-0 668 U
SILVER-110M	pCi/g	NE	0.0232 U	0.0213 U	0 0253 U
SODIUM-22	pCi/g	NE	0 111 U	-0.0121 U	0 0731 U
THALLIUM-208	pCi/g	NE	0 266	0.0604 U	0 351
THORIUM-230	pCi/g	NE	0 164 U	0 U	0 74
THORIUM-234	pCi/g	NE	2 74 U	2 52 U	0 U
TIN-113	pCi/g	NE	-0.0218 U	0 00277 U	-0.0307 U
URANIUM-235	pCi/g	NE	0 283 U	0 0505 U	0.34 U
URANIUM-238	pCi/g	NE	2 74 U	2 52 U	0 U
YTTRIUM-88	pCi/g	NE	-0 0246 U	-0 018 U	0 0132 U
ZINC-65	pCi/g	NE	-0 231 U	-0 041 U	0 106 U
ZIRCONIUM-95	pCi/g	NE	0.0194 U	0.0158 U	0.139 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-127*	0039-128 (FD)*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST N2 SIDEWALL	CST N2 SIDEWALL	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	**Units**	**Cleanup Goals**														
Metals																
HEXAVALENT CHROMIUM	mg/kg	0.2	1	0.24 U	0.21	1	1	1	0.5	0.22 U	0.23 U	0.7	0.5	0.3	0.3	0.6
ANTIMONY	mg/kg	NE	6.2 U	5.9 U	0.39 J	5.5 U	6.3 U	0.52 J	6.4 U	5.5 U	5.6 U	5.4 U	5.9 U	6.1 U	5.4 U	5.2 U
ARSENIC	mg/kg	9.05	0.66	0.71	2.2	1.5	1.4	1.6	1.8	0.65	0.89	0.84	2	0.8	2.2	1.5
BARIUM	mg/kg	NE	38.7	37.1	8.9	50.3	21.5	121	58	39.6	47.6	50	73.3	47.1	25.9	39.4
BERYLLIUM	mg/kg	NE	0.25 U	0.24 U	0.21 U	0.22 U	0.25 U	0.26 U	0.26 U	0.22 U	0.23 U	0.22 U	0.24 U	0.24 U	0.22 U	0.21 U
CADMIUM	mg/kg	NE	0.25 U	0.24 U	0.21 U	0.019 J	0.25 U	0.26 U	0.026 J	0.22 U	0.016 J	0.27	0.088 J	0.24 U	0.025 J	0.21 U
CHROMIUM	mg/kg	NE	9.6	9	3.4	7.7	7.5	15.2	10.9	6.1	6.3	7.3	10.8	10	7.1	7.3
COBALT	mg/kg	NE	3.8	3.5	2.4	3.7	3	7.8	6.5	3.9	3.8	4.4	5.7	5.5	3.9	3.5
COPPER	mg/kg	NE	4.4	4.2	1.6	4.8	3	11.5	7	4.1	3.9	5	7.6	6	2.9	4.4
LEAD	mg/kg	130	1.6	1.5	1.1	1.7	0.89	2	2	1.3	1.1	3.4	3	1.3	1.4	2.7
MERCURY	mg/kg	NE	0.026 J	0.031 J	0.023 J	0.06 J	0.04 J	0.031 J	0.022 J	0.0069 J	0.0082 J	0.006 J	0.052 J	0.018 J	0.021 J	0.033 J
MOLYBDENUM	mg/kg	NE	0.25 U	0.24 U	0.076 J	0.22 U	0.25 U	0.26 U	0.26 U	0.027 J	0.23 U	0.22 U	0.24 U	0.24 U	0.019 J	0.21 U
NICKEL	mg/kg	NE	2.8	2.6	1.3	2.8	2	6.2	4	2.3	2.4	3.1	4	3.5	2.2	2.3
SELENIUM	mg/kg	NE	0.62 U	0.59 U	0.24 J	0.55 U	0.63 U	0.65 U	0.64 U	0.23 J	0.56 U	0.54 U	0.43 J	0.61 U	0.54 U	0.52 U
SILVER	mg/kg	NE	0.62 U	0.59 U	0.16 J	0.55 U	0.63 U	0.65 U	0.64 U	0.55 U	0.56 U	0.54 U	0.59 U	0.61 U	0.54 U	0.52 U
THALLIUM	mg/kg	NE	0.62 U	0.59 U	0.52 U	0.55 U	0.63 U	0.65 U	0.64 U	0.55 U	0.56 U	0.54 U	0.59 U	0.61 U	0.54 U	0.52 U
VANADIUM	mg/kg	NE	34.7	33.1	9.6	23.8	24.5	47.5	35.8	24.2	24.5	25.1	24.7	34.7	16.1	29
ZINC	mg/kg	NE	11.5 J	10.9 J	6.3 J	16	9.9	29.1	19.4	10	10.1	13.9	22	15.5	14	11.7
Total Petroleum Hydrocarbons																
DIESEL	mg/kg	NE	12 UJ	1 J	9 J	11 U	13 U	13 U	2 J	11 U	11 U	11 J	12 U	12 U	11 U	10 U
MOTOR OIL	mg/kg	NE	12 UJ	12 U	27	11 U	13 U	13 U	13 U	11 U	11 U	120	12 U	12 U	11 U	10 U
SPLP DIESEL	mg/L	NE	0.03 J	0.03 J	0.02 J	0.5 U	0.5 U	0.5 U	0.03 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SPLP MOTOR OIL	mg/L	NE	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	4	0.5 U	0.5 U	0.5 U	0.5 U
Pesticides																
4,4'-DDD	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
4,4'-DDE	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
4,4'-DDT	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ALDRIN	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
ALPHA-BHC	µg/kg	NE	1.2 UJ	1.2 UJ	1 UJ	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
ALPHA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
CHLORDANE	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	55 U	56 U	54 U	59 U	61 U	54 U	52 U
DELTA-BHC	µg/kg	NE	1.2 UJ	1.2 UJ	1 UJ	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
DIELDRIN	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDOSULFAN I	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
ENDOSULFAN II	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDOSULFAN SULFATE	µg/kg	NE	6.2 U	5.9 U	5.2 U	5.5 U	6.3 U	6.5 U	6.4 U	5.5 U	5.6 U	5.4 U	5.9 U	6.1 U	5.4 U	5.2 U
ENDRIN	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDRIN ALDEHYDE	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
ENDRIN KETONE	µg/kg	NE	2.5 U	2.4 U	2.1 U	2.2 U	2.5 U	2.6 U	2.6 U	2.2 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U
GAMMA-BHC (LINDANE)	µg/kg	NE	1.2 U	1.2 U	1 UJ	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
GAMMA-CHLORDANE	µg/kg	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
HEPTACHLOR EPOXIDE	µg/kg	NE	1.2 U	1.2 U	1 U	1.1 U	1.3 U	1.3 U	1.3 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U
METHOXYCHLOR	µg/kg	NE	12 UJ	12 UJ	10 UJ	11 U	13 U	13 U	13 U	11 U	11 U	11 U	12 U	12 U	11 U	10 U
TOXAPHENE	µg/kg	NE	120 U	120 U	100 U	110 U	130 U	130 U	130 U	110 U	110 U	110 U	120 U	120 U	110 U	100 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION
PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-127*	0039-128 (FD)*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST N2 SIDEWALL	CST N2 SIDEWALL	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	Units	Cleanup Goals														
Polychlorinated Biphenyls																
AROCLOR 1016	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	55 U	56 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1221	µg/kg	NE	120 U	120 U	100 U	110 U	130 U	130 U	130 U	110 U	110 U	110 U	120 U	120 U	110 U	100 U
AROCLOR 1232	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	55 U	56 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1242	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	55 U	56 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1248	µg/kg	NE	62 U	59 U	52 U	55 U	63 U	65 U	64 U	55 U	56 U	54 U	59 U	61 U	54 U	52 U
AROCLOR 1254	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
AROCLOR 1260	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
Volatile Organic Compounds																
1,1,1-TRICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1,2,2-TETRACHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1,2-TRICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1-DICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,1-DICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,2-DICHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
1,2-DICHLOROPROPANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
2-BUTANONE	µg/kg	NE	110 U	110 U	90 U	110 U	130 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	130 U	100 U
2-HEXANONE	µg/kg	NE	56 U	55 U	45 U	53 U	65 U	56 U	59 U	55 U	55 U	61 U	59 U	54 U	67 U	52 U
4-METHYL-2-PENTANONE	µg/kg	NE	56 U	55 U	45 U	53 U	65 U	56 U	59 U	55 U	55 U	61 U	59 U	54 U	67 U	52 U
ACETONE	µg/kg	NE	33 U	32 U	25 U	110 U	130 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	130 U	100 U
BENZENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
BROMODICHLOROMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
BROMOFORM	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
BROMOMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CARBON DISULFIDE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CARBON TETRACHLORIDE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROBENZENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROFORM	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CHLOROMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CIS-1,2-DICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
CIS-1,3-DICHLOROPROPENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
DIBROMOCHLOROMETHANE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
ETHYLBENZENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
METHYL TERT-BUTYL ETHER	µg/kg	NE	11 U	11 U	9 U	11 U	13 U	11 U	12 U	11 U	11 U	12 U	12 U	11 U	13 U	10 U
METHYLENE CHLORIDE	µg/kg	NE	3 U	6 U	2 U	0.6 J	0.8 J	0.8 J	5.9 U	3 J	2 J	5 J	5 J	1 J	6.7 U	5.2 U
STYRENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TETRACHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TOLUENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TRANS-1,2-DICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TRANS-1,3-DICHLOROPROPENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
TRICHLOROETHENE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
VINYL ACETATE	µg/kg	NE	56 U	55 U	45 U	53 U	65 U	56 U	59 U	55 U	55 U	61 U	59 U	54 U	67 U	52 U
VINYL CHLORIDE	µg/kg	NE	5.6 U	5.5 U	4.5 U	5.3 U	6.5 U	5.6 U	5.9 U	5.5 U	5.5 U	6.1 U	5.9 U	5.4 U	6.7 U	5.2 U
XYLENES (TOTAL)	µg/kg	NE	17 U	17 U	14 U	16 U	20 U	17 U	18 U	16 U	16 U	18 U	18 U	16 U	20 U	16 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-127*	0039-128 (FD)*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST N2 SIDEWALL	CST N2 SIDEWALL	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	Units	Cleanup Goals														
Semivolatile Organic Compounds																
1,2,4-TRICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
1,2-DICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
1,3-DICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
1,4-DICHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2,4,5-TRICHLOROPHENOL	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
2,4,6-TRICHLOROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2,4-DICHLOROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2,4-DIMETHYLPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2,4-DINITROPHENOL	µg/kg	NE	3100 UJ	2900 UJ	2600 UJ	2700 U	3100 U	3300 U	2000 U	1700 U	1800 U	1700 U	1900 U	3000 U	2700 U	2600 U
2,4-DINITROTOLUENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2,6-DINITROTOLUENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2-CHLORONAPHTHALENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2-CHLOROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2-METHYLPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
2-NITROANILINE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
2-NITROPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
3,3'-DICHLOROBENZIDINE	µg/kg	NE	820 U	780 U	680 U	720 U	830 U	860 U	840 U	720 U	740 U	710 U	780 U	800 U	710 U	680 U
3/4-METHYLPHENOL (M/P-CRESOL)	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
3-NITROANILINE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
4,6-DINITRO-2-METHYLPHENOL	µg/kg	NE	2000 UJ	1900 UJ	1700 UJ	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
4-BROMOPHENYL PHENYL ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
4-CHLORO-3-METHYLPHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
4-CHLOROANILINE	µg/kg	NE	940 U	900 U	790 U	830 U	950 U	990 U	970 U	830 U	860 U	820 U	900 U	920 U	820 U	790 U
4-CHLOROPHENYL PHENYL ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
4-NITROANILINE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
4-NITROPHENOL	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
ACENAPHTHENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
ACENAPHTHYLENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
ANTHRACENE	µg/kg	6100	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
BENZ[A]ANTHRACENE	µg/kg	560	31 U	29 U	17 J	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
BENZO[A]PYRENE	µg/kg	56	31 U	29 U	8 J	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
BENZO[B]FLUORANTHENE	µg/kg	560	31 U	29 U	14 J	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
BENZO[G,H,I]PERYLENE	µg/kg	NE	31 U	29 U	8 J	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
BENZO[K]FLUORANTHENE	µg/kg	610	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
BIS(2-CHLOROETHOXY) METHANE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
BIS(2-CHLOROETHYL) ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
BIS(2-CHLOROISOPROPYL) ETHER	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	100 J	360 U	370 U	360 U	390 U	400 U	360 U	340 U
BUTYL BENZYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
CHRYSENE	µg/kg	6100	31 U	29 U	9 J	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
DIBENZ[A,H]ANTHRACENE	µg/kg	56	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
DIBENZOFURAN	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
DIETHYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
DIMETHYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
DI-N-BUTYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	190 J
DI-N-OCTYL PHTHALATE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
FLUORANTHENE	µg/kg	NE	31 U	29 U	11 J	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-127*	0039-128 (FD)*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST N2 SIDEWALL	CST N2 SIDEWALL	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	**Units**	**Cleanup Goals**														
FLUORENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
HEXACHLOROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
HEXACHLOROBUTADIENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
HEXACHLOROCYCLOPENTADIENE	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
HEXACHLOROETHANE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
INDENO[1,2,3-CD]PYRENE	µg/kg	560	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
NAPHTHALENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
NITROBENZENE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
N-NITROSO-DI-N-PROPYLAMINE	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
N-NITROSODIPHENYLAMINE	µg/kg	NE	820 U	780 U	680 U	720 U	830 U	860 U	840 U	720 U	740 U	710 U	780 U	800 U	710 U	680 U
PENTACHLOROPHENOL	µg/kg	NE	2000 U	1900 U	1700 U	1700 U	2000 U	2100 U	2000 U	1700 U	1800 U	1700 U	1900 U	1900 U	1700 U	1700 U
PHENANTHRENE	µg/kg	NE	31 U	29 U	26 U	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
PHENOL	µg/kg	NE	410 U	390 U	340 U	360 U	410 U	430 U	420 U	360 U	370 U	360 U	390 U	400 U	360 U	340 U
PYRENE	µg/kg	NE	31 U	29 U	13 J	27 U	31 U	33 U	32 U	27 U	28 U	27 U	29 U	30 U	27 U	26 U
Organotin																
DIBUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	11 U	11 U	12 U	12 U	11 U	10 U
MONOBUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	11 U	11 U	12 U	12 U	11 U	10 U
TETRABUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	11 U	11 U	12 U	12 U	11 U	10 U
TRIBUTYLTIN	µg/kg	NE	12 U	12 U	10 U	11 U	13 U	13 U	13 U	11 U	11 U	11 U	12 U	12 U	11 U	10 U
Dioxins and Furans																
1,2,3,4,6,7,8,9-OCDD	pg/g	NE	19.8 U	7.6 U	23.9	1.5 U	1.7 U	1 U	0.91 J	2.6 J	2 J	1.5 J	8.6 J	6.2 J	1.4 U	0.97 J
1,2,3,4,6,7,8,9-OCDF	pg/g	NE	14.4 U	1.3 U	1.5 U	1.1 U	1.3 U	0.7 U	0.93 J	0.18 J	0.43 J	0.27 J	0.63 J	0.9 U	1 U	0.9 U
1,2,3,4,6,7,8-HPCDD	pg/g	NE	9.2 U	1.6 J	4.7 J	0.9 U	0.9 U	0.6 U	0.25 J	0.3 J	0.37 J	0.3 J	2 J	0.81 J	0.5 U	0.7 U
1,2,3,4,6,7,8-HPCDF	pg/g	NE	4.2 U	0.4 U	1 J	0.6 U	0.6 U	0.4 U	0.18 J	0.11 J	0.26 J	0.29 J	0.95 J	0.2 U	0.3 U	0.4 U
1,2,3,4,7,8,9-HPCDF	pg/g	NE	5.1 U	0.4 U	0.4 U	0.7 U	0.7 U	0.4 U	0.26 J	0.09 U	0.23 J	0.07 U	0.08 U	0.3 U	0.3 U	0.5 U
1,2,3,4,7,8-HXCDD	pg/g	NE	4.1 U	0.4 U	0.4 U	0.6 U	0.6 U	0.4 U	0.17 J	0.1 U	0.2 J	0.08 U	0.12 J	0.2 U	0.2 U	0.4 U
1,2,3,4,7,8-HXCDF	pg/g	NE	2.4 U	0.38 J	1 J	0.5 U	0.5 U	0.3 U	0.2 J	0.09 J	0.25 J	0.2 J	0.28 J	0.1 U	0.15 J	0.2 U
1,2,3,6,7,8-HXCDD	pg/g	NE	4.1 U	0.4 U	0.4 U	0.6 U	0.5 U	0.4 U	0.19 J	0.09 U	0.23 J	0.07 U	0.25 J	0.2 U	0.2 U	0.5 U
1,2,3,6,7,8-HXCDF	pg/g	NE	2.9 J	0.3 U	0.52 J	0.5 U	0.4 U	0.3 U	0.18 J	0.06 U	0.2 J	0.09 J	0.12 J	0.1 U	0.1 U	0.2 U
1,2,3,7,8,9-HXCDD	pg/g	NE	4 U	0.4 U	0.4 U	0.6 U	0.5 U	0.4 U	0.26 J	0.09 U	0.24 J	0.07 U	0.46 J	0.2 U	0.2 U	0.4 U
1,2,3,7,8,9-HXCDF	pg/g	NE	2.9 U	0.3 U	0.3 U	0.6 U	0.6 U	0.4 U	0.28 J	0.08 U	0.18 J	0.06 U	0.07 U	0.1 U	0.1 U	0.3 U
1,2,3,7,8-PECDD	pg/g	NE	3.9 J	0.3 U	0.2 U	1 U	0.8 U	0.6 U	0.23 J	0.2 U	0.1 U	0.09 U	0.1 U	0.2 U	0.2 U	0.5 U
1,2,3,7,8-PECDF	pg/g	NE	6.1	0.3 U	0.2 U	0.6 U	0.5 U	0.4 U	0.33 J	0.08 U	0.06 U	0.05 U	0.06 U	0.1 U	0.1 U	0.3 U
2,3,4,6,7,8-HXCDF	pg/g	NE	2.7 U	0.3 U	0.42 J	0.5 U	0.5 U	0.3 U	0.18 J	0.07 U	0.19 J	0.11 J	0.21 J	0.1 U	0.1 U	0.3 U
2,3,4,7,8-PECDF	pg/g	NE	4.6 J	0.3 U	0.37 J	0.6 U	0.5 U	0.4 U	0.25 J	0.08 U	0.14 J	0.1 J	0.08 J	0.1 U	0.1 U	0.3 U
2,3,7,8-TCDD	pg/g	NE	3.8 U	0.3 U	0.2 U	0.9 U	0.6 U	0.5 U	0.1 U	0.1 U	0.09 U	0.07 U	0.09 U	0.1 U	0.1 U	0.4 U
2,3,7,8-TCDF	pg/g	NE	3.1 U	0.3 U	0.2 U	0.7 U	0.5 U	0.4 U	0.09 U	0.09 U	0.07 U	0.06 U	0.12 J	0.07 U	0.09 U	0.3 U
2,3,7,8-TCDD Equivalent (TOTAL)	mg/kg	3.80E-06	4.85E-06	5.40E-08	4.60E-07	0.00E+00	0.00E+00	0.00E+00	4.11E-07	1.59E-08	2.30E-07	9.77E-08	2.35E-07	1.43E-08	1.50E-08	9.70E-10
Radiochemistry																
GROSS ALPHA	pCi/g	NE	7.1 J	8.39	4.19	4.63	0.833 U	4.08	1.55	2.47	3.14	5.15	8.76	2.64	3.02	NA
GROSS BETA	pCi/g	NE	15.5 UJ	18.1 U	17.2 U	19.5 U	12.9 U	14.4 U	2.84	11.4	9.44	9.06	14.4	11.5	15.7 U	NA
ACTINIUM-227	pCi/g	NE	0.0971 U	0.0792 U	-0.0246 U	-0.00211 U	0.00565 U	-0.00879 U	0.119 U	-0.0385 U	-0.0212 U	0.0186 U	-0.0342 U	0 U	0.0143 U	-0.0686 U
ACTINIUM-228	pCi/g	NE	0.548	0.462	0.436	0.249	0.372	0.351	0.435	0.442	0.462	0.392	0.581	0.55	0.237	0.386
AMERICIUM-241	pCi/g	NE	-0.0189 U	-0.0385 U	0.00767 U	0.00966 U	-0.0284 U	0.0222 U	-0.0162 U	-0.00966 U	0.00966 U	-0.00102 U	0.00843 U	-0.0218 U	-0.0525 U	0.00613 U
ANTIMONY-124	pCi/g	NE	-0.0044 U	-0.00937 U	-0.00802 U	-0.00369 U	0.000527 U	-0.00169 U	-0.00377 U	0.0038 U	-0.00675 U	0.00497 U	0.00495 U	-0.0146 U	-0.00836 U	-0.0108 U
ANTIMONY-125	pCi/g	NE	-0.00207 U	-0.015 U	0.00458 U	0.031 U	-0.00443 U	-0.015 U	0.00198 U	0.00594 U	0.0135 U	0.00479 U	-0.0199 U	-0.00518 U	-0.00172 U	-0.00636 U
BARIUM-133	pCi/g	NE	0.00592 U	0.0122 U	-0.00762 U	-0.000462 U	0.00128 U	0.00138 U	-0.000675 U	-0.00103 U	-0.00536 U	0.0132 U	-0.00576 U	-0.00718 U	0.0172 U	0.000416 U
BARIUM-140	pCi/g	NE	-0.0269 U	0.052 U	-0.0538 U	0.0536 U	-0.0256 U	0.0214 U	0.0414 U	0.000745 U	-0.00427 U	-0.0201 U	-0.0649 U	0 U	-0.00984 U	-0.0151 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 7

Sample Number			TO14-016	TO14-017 (FD)	TO14-018	0039-117*	0039-118*	0039-119*	0039-124*	0039-127*	0039-128 (FD)*	0039-129*	0039-130*	0039-133*	0039-136*	0039-139*
Sample Location			CST SE Floor	CST SE Floor	CST E1 Sidewall	CST N1 SIDEWALL	CST E2 SIDEWALL	CST NE FLOOR	CST NW FLOOR	CST N2 SIDEWALL	CST N2 SIDEWALL	CST S2 SIDEWALL	CST S1 SIDEWALL	CST SW FLOOR	CST W1 SIDEWALL	CST W2 SIDEWALL
Sample Date			9/18/2002	9/18/2002	9/18/2002	12/9/2002	12/9/2002	12/9/2002	1/6/2003	1/13/2003	1/13/2003	1/13/2003	1/13/2003	1/16/2003	1/20/2003	1/30/2003
Analyte	Units	Cleanup Goals														
BERYLLIUM-7	pCi/g	NE	0.0625 U	0.0797 U	0.0364 U	-0.00179 U	-0.0284 U	0.0252 U	-0.00415 U	0.00322 U	-0.0127 U	-0.00867 U	-0.0867 U	0.0567 U	0.0521 U	-0.0389 U
BISMUTH-212	pCi/g	NE	0.312	0.43	0.389	0.241	0.284	0.26	0.533	0.275	0.264	0.252	0.456	0.286	0.127 U	0.318
BISMUTH-214	pCi/g	NE	0.407	0.434	0.223	0.28	0.208	0.221	0.332	0.27	0.314	0 U	0.399	0.331	0.209	0.305
CERIUM-139	pCi/g	NE	0.00727 U	-0.0212 U	-0.00315 U	-0.00625 U	0.0024 U	0.00979 U	0.000663 U	0.00723 U	0.00258 U	0.000354 U	0.00682 U	-0.00652 U	-0.000169 U	0.00109 U
CERIUM-141	pCi/g	NE	0.0137 U	0.0501 U	-0.0131 U	0.0182 U	0.00785 U	0.00855 U	0.00494 U	0.0102 U	0.0153 U	0 U	0.0241 U	0.0171 U	-0.00275 U	-0.000904 U
CERIUM-144	pCi/g	NE	0.0073 U	-0.0694 U	0.0948 U	-0.0221 U	-0.0248 U	0.00733 U	-0.00954 U	-0.00735 U	0.00899 U	-0.000572 U	-0.0533 U	-0.0175 U	0.0119 U	-0.0243 U
CESIUM-134	pCi/g	NE	-0.00203 U	-0.0775 U	0.00974 U	-0.00646 U	-0.00787 U	-0.00687 U	0.00316 U	-0.00239 U	-0.00027 U	-0.00868 U	-0.0114 U	-0.00111 U	-0.00731 U	-0.00822 U
CESIUM-136	pCi/g	NE	-0.0774 U	-0.0421 U	-0.0385 U	-0.00365 U	-0.0145 U	-0.0106 U	-0.0107 U	-0.00194 U	-0.00636 U	-0.0218 U	-0.0226 U	0.011 U	0.0108 U	-0.00468 U
CESIUM-137	pCi/g	NE	-0.00996 U	-0.0126 U	-0.0137 U	0.00628 U	-0.00383 U	0.000979 U	-0.0109 U	0.00574 U	-0.00503 U	-0.0141 U	0.00087 U	0.000248 U	-0.00529 U	-0.000283 U
CHROMIUM-51	pCi/g	NE	0.114 U	-0.0031 U	0.0716 U	-0.00112 U	-0.0139 U	-0.000307 U	-0.123 U	0.11 U	-0.0787 U	0.0562 U	0.0959 U	-0.0657 U	-0.0755 U	-0.0267 U
COBALT-56	pCi/g	NE	-0.00487 U	0.0132 U	-0.00274 U	-0.00193 U	0.00949 U	-0.0058 U	0.007 U	0.00837 U	0.00616 U	-0.00937 U	-0.0102 U	0.00518 U	0.00733 U	0.00376 U
COBALT-57	pCi/g	NE	0.00881 U	0.0146 U	-0.000444 U	-0.00319 U	0.000591 U	-0.000916 U	0.00158 U	-0.00191 U	0.00267 U	0.00304 U	-0.00115 U	-0.00591 U	-0.00716 U	-0.000377 U
COBALT-58	pCi/g	NE	0.00335 U	0.00078 U	-0.000331 U	-0.0176 U	0.0126 U	-0.00771 U	-0.00884 U	0.00434 U	0.0026 U	-0.00167 U	0.0101 U	-0.00746 U	-0.0105 U	-0.00623 U
COBALT-60	pCi/g	NE	0.00361 U	0.00565 U	-0.00572 U	-0.00209 U	-0.00689 U	0.00101 U	-0.015 U	0.00242 U	0.00174 U	-0.00868 U	-0.00189 U	0.00689 U	-0.00566 U	0.00156 U
EUROPIUM-152	pCi/g	NE	-0.00738 U	0.0697 U	0.0451 U	-0.0114 U	-0.000192 U	-0.0014 U	0.0125 U	-0.00187 U	-0.00307 U	0.00515 U	0.0431 U	-0.0317 U	0.00473 U	-0.00316 U
EUROPIUM-154	pCi/g	NE	0.0488 U	0.072 U	-0.0299 U	0.0127 U	0.0148 U	-0.0156 U	-0.0274 U	0.0162 U	-0.0197 U	-0.0208 U	-0.0376 U	0.0135 U	0.0174 U	-0.00821 U
EUROPIUM-155	pCi/g	NE	0.0354 U	0.000137 U	0 U	0.0117 U	0.0157 U	0.0293 U	0.00484 U	0.0138 U	0.0337 U	0.0275 U	0 U	0.0429 U	0.0436 U	0.0322 U
IODINE-131	pCi/g	NE	-0.101 U	-0.0163 U	0.00157 U	0.0146 U	0.00553 U	-0.00442 U	0.0667 U	-0.0158 U	-0.0122 U	0.0116 U	-0.00252 U	-0.0159 U	0.0568 U	0.0158 U
IRIDIUM-192	pCi/g	NE	-0.00284 U	-0.00666 U	-0.00145 U	0.00563 U	0.000235 U	0.000683 U	-0.000397 U	0.00129 U	0.000454 U	-0.00306 U	0.00115 U	0.00633 U	-0.00212 U	-0.00111 U
IRON-59	pCi/g	NE	0.00619 U	-0.0429 U	-0.015 U	-0.0151 U	0.0066 U	0.00497 U	-0.0361 U	0.0132 U	0.00944 U	-0.00499 U	-0.0101 U	-0.017 U	0.0315 U	0.00176 U
LEAD-210	pCi/g	NE	0.658 U	-1.18 U	0.0451 U	1.03	1.51 U	0.531 U	-3.56 U	3.4	0.279 U	0.73	0.634	0.497 U	2.68 U	-0.747 U
LEAD-212	pCi/g	NE	0.581	0.777	0.517	0.324	0.432	0.387	0.511	0.472	0.543	0.459	0.716	0.632	0.328	0.422
LEAD-214	pCi/g	NE	0.42	0.539	0.332	0.28	0.281	0.27	0.408	0.329	0.372	0.354	0.5	0.421	0.281	0.414
MANGANESE-54	pCi/g	NE	0.00492 U	0.0166 U	-0.000322 U	0.00776 U	0.00451 U	-0.0059 U	-0.00115 U	0.00729 U	0.01 U	0.00833 U	0.0101 U	-0.000485 U	0.0075 U	0.0166 U
MERCURY-203	pCi/g	NE	0.0242 U	0.041 U	0.000973 U	0.00296 U	0.00713 U	0 U	-0.0193 U	0 U	0 U	0 U	0 U	0 U	-0.000149 U	0.0121 U
NEODYMIUM-147	pCi/g	NE	0.155 U	0.301 U	0.2 U	-0.0694 U	-0.0942 U	0.0351 U	0.0087 U	-0.0282 U	0.027 U	0.0573 U	-0.117 U	-0.248 U	-0.0368 U	-0.0111 U
NEPTUNIUM-239	pCi/g	NE	-0.00349 U	-0.0382 U	-0.0358 U	-0.00779 U	0.0563 U	0.0189 U	0.0923 U	0.0312 U	0.02 U	0.0202 U	-0.0435 U	0.00513 U	-0.0223 U	0.0371 U
NIOBIUM-94	pCi/g	NE	0.0135 U	0.00379 U	0.00193 U	-0.00579 U	0.0113 U	-0.00186 U	0.00656 U	0.000818 U	0.00702 U	-0.00266 U	0.00104 U	-0.00023 U	0.00539 U	0.00496 U
NIOBIUM-95	pCi/g	NE	0.0012 U	0.00544 U	0.00871 U	0.0144 U	-0.00132 U	0 U	-0.0203 U	0.0134 U	0.00199 U	0.0026 U	0.0238 U	0 U	0.00966 U	0 U
POTASSIUM-40	pCi/g	NE	9.99	13.1	10.3	10.8	10.4	11.8	12.1	12.2	11.8	11.1	13.5	10.1	11.8	11.2
PROMETHIUM-144	pCi/g	NE	0.0154 U	0.00852 U	-0.00954 U	-0.00726 U	-0.00177 U	0.00619 U	0.000934 U	-0.00237 U	0.00113 U	-0.00499 U	-0.00842 U	0.00549 U	0.003 U	-0.00415 U
PROMETHIUM-146	pCi/g	NE	-0.00394 U	-0.00532 U	-0.0087 U	0.00461 U	-0.00671 U	0.00313 U	-0.00596 U	0.00723 U	0.00223 U	0.0109 U	-0.00546 U	0.00362 U	-0.00222 U	0.0128 U
RADIUM-226DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIUM-228	pCi/g	NE	0.548	0.462	0.436	0.249	0.372	0.351	0.435	0.442	0.462	0.392	0.581	0.55	0.237	0.386
RUTHENIUM-106	pCi/g	NE	-0.0621 U	0.0783 U	0.0632 U	0.0202 U	-0.0424 U	0.00291 U	-0.00627 U	0.0319 U	0.0118 U	0.00547 U	0 U	0.0782 U	0.018 U	-0.0765 U
SILVER-110M	pCi/g	NE	0.00797 U	0.0166 U	0.02 U	-0.00724 U	-0.00205 U	0.00368 U	0.000362 U	-0.00522 U	-0.00281 U	0.00244 U	0.0067 U	-0.00159 U	0.00974 U	0.00426 U
SODIUM-22	pCi/g	NE	0.0175 U	0.026 U	-0.0109 U	0.00465 U	0.0053 U	-0.00554 U	-0.00981 U	0.0057 U	-0.00716 U	-0.00763 U	-0.0135 U	0.00478 U	0.00636 U	-0.00275 U
THALLIUM-208	pCi/g	NE	0.173	0.252	0.137	0.113	0.112	0.0994	0.168	0.146	0.152	0.145	0.193	0.182	0.0814	0.141
THORIUM-230	pCi/g	NE	0.407	0.434	0.223	0.28	0.208	0.221	0.332	0.27	0.314	0.331	0.399	0.331	0.209	0.305
THORIUM-234	pCi/g	NE	0.98	0.651 U	0.455 U	1.26	0.404 U	0.793	0.849 U	0.636	0.779	1.17	1.32	1.26	0.784 U	0.395 U
THORIUM-232DA	pCi/g	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN-113	pCi/g	NE	-0.00489 U	0.0229 U	-0.00555 U	0.00641 U	0.00746 U	2.44E-05 U	-0.00578 U	-0.00154 U	-0.00109 U	-0.00485 U	-0.008 U	-0.00863 U	0.00146 U	-0.0136 U
URANIUM-235	pCi/g	NE	0.0413 U	0.184 U	0.05 U	0.0705 U	0.0488 U	0.0367 U	0.0441 U	0.0474 U	0.0385 U	0.139	0.0827 U	0.0583 U	-0.024 U	-0.00955 U
URANIUM-238	pCi/g	NE	0.98	0.651 U	0.455 U	1.26	0.404 U	0.793	0.849 U	0.636	0.779	1.17	1.32	1.26	0.784 U	0.395 U
YTTRIUM-88	pCi/g	NE	0.0133 U	-0.00206 U	0.00164 U	-0.00394 U	0.00238 U	-0.00275 U	0.00686 U	0.0021 U	-0.00304 U	-0.00156 U	0.00817 U	0.00196 U	0.00529 U	0.00266 U
ZINC-65	pCi/g	NE	-0.0428 U	0.00938 U	0.0286 U	0.0283 U	-0.00386 U	-0.000397 U	-0.00395 U	-0.00242 U	-0.0172 U	-0.00983 U	0.0113 U	0.0329 U	-0.00303 U	0.00516 U
ZIRCONIUM-95	pCi/g	NE	0.0232 U	-0.00215 U	0.00262 U	0.00624 U	0.00901 U	0.00878 U	0.000387 U	0.000174 U	0.00585 U	-0.00269 U	0.00355 U	0 U	0.000508 U	0.00881

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION PHASE 7

Sample Number			0002-1392	0002-1393	0002-1394	0002-1395	0002-1396	0002-1397	0002-1398	0002-1399	0002-1431	0002-1432 (FD)	0002-1433	0002-1434	0002-1435	0002-1436 (FD)
Sample Location			SB-A3	SB-A3	SB-A5	SB-A5	SB-A5	SB-A9	SB-A9	SB-A9	SB-A12	SB-A12	SB-A12	SB-A12	SB-A15	SB-A15
Sample Date			5/30/2000	5/30/2000	5/30/2000	5/30/2000	5/30/2000	5/30/2000	5/30/2000	5/30/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000
Sample Depth (feet)			6-6.5'	8.5-9'	4-4.5'	6-6.5'	8.5-9'	4-4.5'	6-6.5'	8.5-9'	3-3.5'	3-3.5'	6-6.5'	8.5-9'	3-3.5'	3-3.5'
Analyte	Units	Cleanup Goals														
CHROMIUM	mg/kg	NE	4.3	18.2	6.9	3.7	13.8	4.6	4.3	4.2	10.4	7.2	5.2	4.9	6.6	5.9
LEAD	mg/kg	130	1.1 J	1.3	1.5	0.77 J	0.84 J	0.92 J	0.89 J	0.67 J	2.3	6.4	1.3	0.91	0.97	1.2
HEXAVALENT CHROMIUM	mg/kg	0.2	0.3	0.42	0.2	0.21 U	0.2	0.21 U	0.3	0.25 U	0.23 U	0.22 U	0.2	0.24 U	0.22 U	0.3

Sample Number			0002-1437	0002-1438	0002-1439	0002-1440	0002-1441
Sample Location			SB-A15	SB-A15	SB-A18	SB-A18	SB-A18
Sample Date			6/14/2000	6/14/2000	6/14/2000	6/14/2000	6/14/2000
Sample Depth (feet)			6-6.5'	8.5-9'	3-3.5'	6-6.5'	8.5-9'
Analyte	Units	Cleanup Goals					
CHROMIUM	mg/kg	NE	5	7.1	6.8	8.1	6.2
LEAD	mg/kg	130	1.3	0.88	1.2	1.6	0.98
HEXAVALENT CHROMIUM	mg/kg	0.2	0.3	0.24 U	0.22 U	0.77	0.24 U

TABLE 12-4

ANALYTICAL RESULTS FOR SOIL SAMPLE LOCATIONS REMAINING ON SITE AFTER REMOVAL ACTION ALL PHASES

Notes:

Shading indicates result above cleanup goal

* - data validation is pending
µg/kg - micrograms per kilogram
DDD - dichlorodiphenyldichloroethane
DDE - dichlorodiphenyldichloroethene
DDT - dichlorodiphenyltrichloroethane
FD - field duplicate
J - estimated value
mg/kg - milligrams per kilogram
mg/L - milligrams per liter
NA - not analyzed
NE - not established
pCi/g - picocuries per gram
pg/g - picograms per gram
SPLP - Synthetic Precipitation Leaching Procedure
U - not detected

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