Appendix G

Groundwater Data

Table G-1. 1,2-Dichloroethane groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	1	Oct-87	ug/L
CFA-1	1(0.6 6/93)	2	6/93-8/93	ug/L
CFA-2	0	3	10/87-8/93	ug/L
CFA-MON-A-001	0	5	4/95-4/97	ug/L
CFA-MON-A-002	0	5	4/95-4/97	ug/L
CFA-MON-A-003	0	3	10/96-4/97	ug/L
LF2-08	0	8	6/93-4/97	ug/L
LF2-09	0	6	6/93-4/97	ug/L
LF2-10	0	7	6/93-4/97	ug/L
LF2-11	0	6	6/93-4/97	ug/L
LF2-12	NO DATA			
LF3-08	0	7	6/93-4/97	ug/L
LF3-09	0	5	6/93-4/97	ug/L
LF3-10	0	5	6/93-4/97	ug/L
LF3-11	0	2	6/93-4/97	ug/L
M7S	1(0.8 11/93)	16	10/92-4/97	ug/L
ORME	0	1	Oct-87	ug/L
SITE 09	0	1	Oct-90	ug/L
STF-MON-A-01A	0	2	4/95-8/95	ug/L
STF-MON-A-02A	0	2	4/95-8/95	ug/L
USGS 20	NO DATA			
USGS 34	0	5	10/90-4/96	ug/L
USGS 35	0	1	Oct-90	ug/L
USGS 36	0	1	Oct-90	ug/L
USGS 37	0	1	Oct-87	ug/L
USGS 38	0	6	10/90-4/96	ug/L
USGS 39	0	1	Oct-90	ug/L
USGS 77	0	4	10/90-4/96	ug/L
USGS 83	0	2	10/87-10/94	ug/L
USGS 85	0	7	6/93-4/97	ug/L
USGS 103	0	1	Sep-87	ug/L
USGS 104	0	1	Sep-87	ug/L
USGS 105	0	2	6/87-9/87	ug/L
USGS 106	0	1	Oct-87	ug/L
USGS 108	0	2	9/87-9/89	ug/L
USGS 111	0	1	Sep-87	ug/L
USGS 112	0	2	9/87-9/89	ug/L
USGS 113	0	3	10/87-10/94	ug/L
USGS 114	0	3	10/87-10/94	ug/L
USGS 115	0	1	Oct-87	ug/L
USGS 116	0	3	10/87-10/94	ug/L

Table G-2. Americium-241 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	1	Oct-87	pCi/L
CFA-1	0	4	10/87-4/88	pCi/L
CFA-2	0	2	10/87-1/88	pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	NO DATA			pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	NO DATA			pCi/L
LF2-11	NO DATA			pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	NO DATA			pCi/L
LF3-09	NO DATA			pCi/L
LF3-10	NO DATA			pCi/L
LF3-11	NO DATA			pCi/L
M7S	0	3	6/96-4/97	pCi/L
ORME	0	1	Oct-87	pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	NO DATA			pCi/L
USGS 34	1((0.06 10/95)	4	4/94-4/-96	pCi/L
USGS 35	NO DATA			pCi/L
USGS 36	1(0.04 10/94)	0	Oct-94	pCi/L
USGS 37	0	11	4/82-10/95	pCi/L
USGS 38	0	5	4/94-4/96	pCi/L
USGS 39	1(0.03 10/94)	0	Oct-94	pCi/L
USGS 77	0	3	4/95-4/96	pCi/L
USGS 83	NO DATA			pCi/L
USGS 85	NO DATA			pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	NO DATA			pCi/L
USGS 108	0	2	4/84-9/89	pCi/L
USGS 111	NO DATA			pCi/L
USGS 112	1(0.21 10/94)	1	10/94-5/95	pCi/L
USGS 113	0	2	4/94-10/94	pCi/L
USGS 114	0	2	Apr-94	pCi/L
USGS 115	NO DATA			pCi/L
USGS 116	0	2	4/94-10/94	pCi/L

Table G-3. Arsenic groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNITS
Badging Facility	2 (3.0 8/85)	0	8/85-10/87	ug/L
CFA-1	3(1.0 6/93)	2	9/85-8/93	ug/L
CFA-2	3(1.3 6/93)	3	9/68-10/93	ug/L
CFA-MON-A-001	3(1.3 10/96)	2	4/95-4/97	ug/L
CFA-MON-A-002	3(1.5 1/97)	2	4/95-4/97	ug/L
CFA-MON-A-003	2(1.5 1/97)	1	10/96-4/97	ug/L
LF2-08	6(2.4 6/93)	2	6/93-4/97	ug/L
LF2-09	5(2.8 4/93)	2	6/93-4/97	ug/L
LF2-10	5(2.3 10/93)	3	6/93-4/97	ug/L
LF2-11	5(1.6 6/93)	3	6/93-4/97	ug/L
LF2-12	1(3.3 8/93)	3	8/93-6/95	ug/L
LF3-08	6(3.1 6/93)	2	6/93-4/97	ug/L
LF3-09	3(1.1 1/97)	4	5/93-4/97	ug/L
LF3-10	4(1.2 1/97)	4	6/93-4/97	ug/L
LF3-11	4(1.2 1/97)	4	6/93-4/97	ug/L
M7S	2(4.8 6/93)	12	10/92-4/97	ug/L
ORME	2(2.0 10/87)	0	9/85-10-87	ug/L
SITE 09	2(2.0(6/91)	0	10/90-6/91	ug/L
STF-MON-A-01A	2(3.4 8/95)	0	4/95-8/95	ug/L
STF-MON-A-02A	2(3.8 4/95)	0	4/95-8/95	ug/L
USGS 20	1(1.0 5/91)	0	May-91	ug/L
USGS 34	1(1.0 5/91)	0	5/91-5/95	ug/L
USGS 35	1(2.0 10/90)	1	10/90-5/95	ug/L
USGS 36	2(2.3 11/95)	2	10/90-11/95	ug/L
USGS 37	2(2.0 10/87)	1	9/85-5/95	ug/L
USGS 38	1(1.0 10/90)	1	10/90-5/95	ug/L
USGS 39	1(2.0 10/90)	3	10/90-11/95	ug/L
USGS 77	1(1.0 10/90)	0	Oct-90	ug/L
USGS 83	1(2.0 10/87)	0	Oct-87	ug/L
USGS 85	6(2.4 10/93)	3	6/91-4/97	ug/L
USGS 103	1(3.0 8/87)	0	Aug-87	ug/L
USGS 104	2(2.0 8/86)	0	8/86-9/87	ug/L
USGS 105	2(2.0 9/87)	0	6/87-9/87	ug/L
USGS 106	2(2.0 10/87)	0	9/86-10/87	ug/L
USGS 108	3(2.0 9/87)	0	8/85-9/89	ug/L
USGS 111	1(2.0 9/87)	3	9/87-12/95	ug/L
USGS 112	3(3.3 11/95)	2	9/87-11/95	ug/L
USGS 113	1(1.0 10/87)	3	10/87-11/95	ug/L
USGS 114	1(1.0 10/87)	3	10/87-11/95	ug/L
USGS 115	1(2.0 10/87)	1	10/87-5/95	ug/L
USGS 116	1(1.0 10/87)	1	10/87-10/94	ug/L

Table G-4. Beryllium groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	1	Oct-87	ug/L
CFA-1	1(8.9 6/93)	3	10/87-8/93	ug/L
CFA-2	0	4	10/87-10/93	ug/L
CFA-MON-A-001	0	5	4/95-4/97	ug/L
CFA-MON-A-002	0	5	4/95-4/97	ug/L
CFA-MON-A-003	0	3	10/96-4/97	ug/L
LF2-08	1(5.9 6/93)	7	6/93-4/97	ug/L
LF2-09	1(5.9 6/93)	6	6/93-4/97	ug/L
LF2-10	0	9	6/93-4/97	ug/L
LF2-11	0	8	6/93-4/97	ug/L
LF2-12	0	4	5/93-6/95	ug/L
LF3-08	0	8	6/93-4/97	ug/L
LF3-09	0	7	5/93-4/97	ug/L
LF3-10	0	8	6/93-4/97	ug/L
LF3-11	0	3	6/93-10/93	ug/L
M7S	3(4.8 4/94)	12	10/92-4/97	ug/L
ORME	0	1	Oct-87	ug/L
SITE 09	0	1	Jun-91	ug/L
STF-MON-A-01A	0	2	4/95-8/95	ug/L
STF-MON-A-02A	0	2	4/95-8/95	ug/L
USGS 20	0	1	May-91	ug/L
USGS 34	0	1	May-95	ug/L
USGS 35	0	1	May-95	ug/L
USGS 36	0	2	10/94-5/95	ug/L
USGS 37	0	2	10/87-5/95	ug/L
USGS 38	0	1	May-95	ug/L
USGS 39	0	2	10/94-5/95	ug/L
USGS 77	NO DATA			ug/L
USGS 83	0	1	Oct-87	ug/L
USGS 85	0	9	6/91-4/97	ug/L
USGS 103	0	1	Sep-87	ug/L
USGS 104	0	1	Sep-87	ug/L
USGS 105	0	2	6/87-9/87	ug/L
USGS 106	0	1	Oct-87	ug/L
USGS 108	0	1	Oct-87	ug/L
USGS 111	0	2	9/87-5/95	ug/L
USGS 112	0	4	9/87-5/95	ug/L
USGS 113	0	2	10/87-5/95	ug/L
USGS 114	0	3	10/87-5/95	ug/L
USGS 115	0	2	10/87-5/95	ug/L
USGS 116	0	3	10/87-10-94	ug/L

Table G-5. Cadmium groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	1(1.0 8/85)	1	8/85-10/87	ug/L
CFA-1	1(10.1 6/93)	4	9/85-8/93	ug/L
CFA-2	4(10.0 8/93)	1	9/85-10/93	ug/L
CFA-MON-A-001	1(0.3 1/97)	2	10/96-4/97	ug/L
CFA-MON-A-002	2(0.1 4/97)	1	10/96-4/97	ug/L
CFA-MON-A-003	1(0.1 1/97)	2	10/96-4/97	ug/L
LF2-08	6(8.8 8/93)	3	6/93-4/97	ug/L
LF2-09	6(13.5 10/93)	1	6/93-4/97	ug/L
LF2-10	2(7.5 6/93)	6	6/93-4/97	ug/L
LF2-11	4(120.0 8/93	4	6/93-4/97	ug/L
LF2-12	2(11.0 8/93)	2	5/93-6/95	ug/L
LF3-08	4(11.9 6/93)	4	6/93-4/97	ug/L
LF3-09	7(17.0 5/93	4	5/93-4/97	ug/L
LF3-10	6(12.0 8/93)	0	5/93-4/97	ug/L
LF3-11	2(14.0 8/93)	2	6/93-4/97	ug/L
M7S	5(10.5 6/94	1	6/93-10/93	ug/L
ORME	1(1.0 9/85)	13	10/92-4/97	ug/L
SITE 09	0	1	10/92-4/97	ug/L
STF-MON-A-01A	NO DATA			ug/L
STF-MON-A-02A	NO DATA			ug/L
USGS 20	0	1	May-91	ug/L
USGS 34	0	2	10/90-5/95	ug/L
USGS 35	0	2	10/90-5/95	ug/L
USGS 36	1(5.1 10/94)	3	10/90-11/95	ug/L
USGS 37	1(1.0 8/85)	2	8/85-5/95	ug/L
USGS 38	0	2	10/90-5/95	ug/L
USGS 39	2(11.0 10/94)	2	10/90-11/95	ug/L
USGS 77	0	1	Oct-90	ug/L
USGS 83	0	1	Oct-87	ug/L
USGS 85	3(8.6 6/93)	7	6/91-4/97	ug/L
USGS 103	0	1	Sep-87	ug/L
USGS 104	0	2	8/86-9/87	ug/L
USGS 105	1(1.0 6/87)	1	Sep-87	ug/L
USGS 106	0	2	8/66-10/87	ug/L
USGS 108	1(1.0 8/85)	3	8/85-9/89	ug/L
USGS 111	0	4	9/87-12/95	ug/L
USGS 112	0	5	9/87-11/95	ug/L
USGS 113	1(11.1 3/95)	3	10/87-12/95	ug/L
USGS 114	1(15.0 10/94)	3	10/87-11/95	ug/L
USGS 115	0	2	10/87-5/95	ug/L
USGS 116	1(8.0 10/94)	3	10/87-11/95	ug/L

Table G-6. Chloromethane groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	1	Oct-87	ug/L
CFA-1	0	3	10/87-9/93	ug/L
CFA-2	0	3	10/87-9/93	ug/L
CFA-MON-A-001	0	5	4/95-4/97	ug/L
CFA-MON-A-002	0	5	4/95-4/97	ug/L
CFA-MON-A-003	0	3	10/96-4/97	ug/L
LF2-08	0	7	6/93-4/97	ug/L
LF2-09	0	6	6/93-4/97	ug/L
LF2-10	0	7	6/93-4/97	ug/L
LF2-11	0	6	6/93-4/97	ug/L
LF2-12	0	2	6/93-8/93	ug/L
LF3-08	0	7	6/93-4/97	ug/L
LF3-09	0	5	6/93-4/97	ug/L
LF3-10	0	6	5/93-4/97	ug/L
LF3-11	0	2	6/93-8/93	ug/L
M7S	1(0.6 7/95)	16	10/92-4/97	ug/L
ORME	0	1	Oct-87	ug/L
SITE 09	0	1	Oct-90	ug/L
STF-MON-A-01A	0	2	4/95-8/95	ug/L
STF-MON-A-02A	0	2	4/95-8/95	ug/L
USGS 20	NO DATA			ug/L
USGS 34	0	5	10/90-4/96	ug/L
USGS 35	0	1	Oct-90	ug/L
USGS 36	0	1	Oct-90	ug/L
USGS 37	0	1	Oct-87	ug/L
USGS 38	0	6	10/90-4/96	ug/L
USGS 39	0	1	Oct-90	ug/L
USGS 77	0	4	10/90-4/96	ug/L
USGS 83	0	2	10/87-10/94	ug/L
USGS 85	0	7	6/93-4/97	ug/L
USGS 103	0	1	Aug-87	ug/L
USGS 104	0	1	Sep-87	ug/L
USGS 105	0	2	Sep-87	ug/L
USGS 106	0	1	Oct-87	ug/L
USGS 108	0	2	9/87-9/89	ug/L
USGS 111	0	1	Sep-87	ug/L
USGS 112	0	2	9/87-9/89	ug/L
USGS 113	0	3	10/87-10/94	ug/L
USGS 114	0	3	10/87-10/94	ug/L
USGS 115	0	1	Oct-87	ug/L
USGS 116	0	2	4/94-10/94	ug/L

Table G-7. Chromium groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	2(10.0 10/87)	0	8/85-10/87	ug/L
CFA-1	19(31.0 6/93)	1	9/77-6/96	ug/L
CFA-2	15(21.7 6/93)	2	9/77-6/96	ug/L
CFA-MON-A-001	1(9.4 4/95)	4	4/95-6/97	ug/L
CFA-MON-A-002	4(15.5 4/95)	1	4/95-4/97	ug/L
CFA-MON-A-003	0	3	10/96-4/97	ug/L
LF2-08	5(18.2 9/93)	3	6/93-4/97	ug/L
LF2-09	5(50.3 6/96)	2	6/93-4/97	ug/L
LF2-10	12(15.0 4/96)	2	6/93-4/97	ug/L
LF2-11	5(18.2 10/93)	3	6/93-4/97	ug/L
LF2-12	3(41.6 10/93)	1	5/93-6/95	ug/L
LF3-08	6(16.0 10/96)	2	6/93-4/97	ug/L
LF3-09	6(36.7 4/97)	1	5/93-4/97	ug/L
LF3-10	7(25.2 1/97)	1	6/93-4/97	ug/L
LF3-11	3(19.0 8/93)	0	6/93-10/93	ug/L
M7S	13(15.9 11/94)	4	10/92-4/97	ug/L
ORME	3(7.0 10/87)	2	9/77-4/95	ug/L
SITE 09	2(6.0 6/91)	1	9/77-6/91	ug/L
STF-MON-A-01A	2(9.4 4/95)	0	4/95-8/95	ug/L
STF-MON-A-02A	2(22.3 4/95)	0	4/95-8/95	ug/L
USGS 20	3(7.6 4/94)	1	9/77-10/94	ug/L
USGS 34	7(24.0 10/95)	1	9/77-4/96	ug/L
USGS 35	3(29.2 5/95)	0	9/77-5/95	ug/L
USGS 36	4(13.5 4/95)	1	9/77-11/95	ug/L
USGS 37	3(10.0 10/87)	1	9/77-5/95	ug/L
USGS 38	7(9.0 10/95)	1	9/77-4/96	ug/L
USGS 39	4(41.4 11/95)	1	9/77-11/95	ug/L
USGS 77	6(20.0 10/87)	0	9/77-4/96	ug/L
USGS 83	4(16.0 10/94)	0	3/94-4/96	ug/L
USGS 85	13(18.3 10.96)	0	9/77-4/97	ug/L
USGS 103	5(7.0 4/96)	2	12/80-4/96	ug/L
USGS 104	1(5.0 8/86)	2	12/80-4/96	ug/L
USGS 105	7(10.0 1/81)	1	1/81-5/96	ug/L
USGS 106	2(10.0 10/87)	1	1/81-10/87	ug/L
USGS 108	9(9.0 9/89)	1	12/80-4/96	ug/L
USGS 111	4(38.6 12/95)	0	9/87-12/95	ug/L
USGS 112	2(8.0 9/87)	3	9/87-11/95	ug/L
USGS 113	4(10.0 10/87)	2	10/87-12/95	ug/L
USGS 114	6(12.4 11/95)	0	10/87-11/95	ug/L
USGS 115	2(7.7 5/95)	0	10/87-5/95	ug/L
USGS 116	6(10.1 11/95)	0	10/87-11/95	ug/L

Table G-8. Cesium-137 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	2	1/85-10/87	pCi/L
CFA-1	0	2	10/82-10/87	pCi/L
CFA-2	1(60.0 10/87)	1	10/87-10/82	pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	0	1	May-95	pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	0	7	11/94-4/96	pCi/L
LF2-11	0	1	Aug-95	pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	0	1	May-95	pCi/L
LF3-09	0	1	May-95	pCi/L
LF3-10	0	1	May-95	pCi/L
LF3-11	NO DATA			pCi/L
M7S	0	3	6/96-4/97	pCi/L
ORME	0	4	10/79-4/95	pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	0	2	4/94-10/94	pCi/L
USGS 34	0	6	4/94-4/96	pCi/L
USGS 35	0	1	May-95	pCi/L
USGS 36	0	2	10/94-5/95	pCi/L
USGS 37	0	8	4/81-10/95	pCi/L
USGS 38	0	6	4/94-4/96	pCi/L
USGS 39	0	2	4/94-5/95	pCi/L
USGS 77	0	3	4/95-4/96	pCi/L
USGS 83	0	5	3/94-4/96	pCi/L
USGS 85	0	4	4/94-5/95	pCi/L
USGS 103	0	6	4/94-10/96	pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	0	7	6/87-10/96	pCi/L
USGS 106	0	1	Jan-81	pCi/L
USGS 108	0	7	9/89-10/96	pCi/L
USGS 111	0	1	May-95	pCi/L
USGS 112	0	2	10/94-5/95	pCi/L
USGS 113	0	3	4/94-5/95	pCi/L
USGS 114	0	3	4/94-5/95	pCi/L
USGS 115	0	1	May-95	pCi/L
USGS 116	0	3	4/94-5/95	pCi/L

Table G-9. Iodine-129 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	NO DATA		4/77-8/86	pCi/L
CFA-1	2(0.49 8/86)	1	4/77-8/86	pCi/L
CFA-2	1(0.1 9/81)	2		pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	0	1	5.95	pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	0	1	May-95	pCi/L
LF2-11	0	1	Aug-95	pCi/L
LF2-12	1(1.2 6/95)	0	Jun-96	pCi/L
LF3-08	0	1	May-95	pCi/L
LF3-09	1(0.9 5/95	0	May-95	pCi/L
LF3-10	0	1	Aug-95	pCi/L
LF3-11	NO DATA			pCi/L
M7S	2(3.69 9/96)	8	6/94-4/97	pCi/L
ORME	NO DATA			pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	0	3	4/77-8/86	pCi/L
USGS 34	2(0.73 8/86)	1	8/81-5/95	pCi/L
USGS 35	1(1.0 8/86)	2	4/77-5/95	pCi/L
USGS 36	2(7.2 9/81)	2	9/81-5/95	pCi/L
USGS 37	3(5.1 9/81)	1	4/77-5/95	pCi/L
USGS 38	2(6.2 9/81)	2	6/77-5/95	pCi/L
USGS 39	0	3	8/86-5/95	pCi/L
USGS 77	3(2.9 8/86)	0	4/77-8/86	pCi/L
USGS 83	0	2	10/81-8/86	pCi/L
USGS 85	3(3.3 8/86)	1	4/77-5/95	pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	1(0.05 10/81)	1	10/81-8/86	pCi/L
USGS 108	NO DATA			pCi/L
USGS 111	1(2.8 8/86)	1	May-95	pCi/L
USGS 112	1(1.0 8/86)	2	8/86-5/95	pCi/L
USGS 113	1(2.9 8/86)	1	8/86-5/95	pCi/L
USGS 114	0	3	8/86-5/95	pCi/L
USGS 115	0	2	8/86-5/95	pCi/L
USGS 116	1(0.65 8/86)	2	8/86-5/95	pCi/L

Table G-10. Mercury groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	1(0.1 8/85)	2	1/85-10/87	ug/L
CFA-1	2(0.1 10/87)0	4	4/80-8/93	ug/L
CFA-2	0	6	10/84-10/93	ug/L
CFA-MON-A-001	0	3	10/96-4/97	ug/L
CFA-MON-A-002	0	3	10/96-4/97	ug/L
CFA-MON-A-003	0	3	10/96-4/97	ug/L
LF2-08	3(0.23 10/93)	5	6/93-4/97	ug/L
LF2-09	0	7	6/93-4/97	ug/L
LF2-10	0	8	6/93-4/97	ug/L
LF2-11	0	8	6/93-4/97	ug/L
LF2-12	1(0.44 6.95)	3	5/93-6/95	ug/L
LF3-08	1(0.13 10/93)	7	6/93-4/97	ug/L
LF3-09	0	7	5/93-4/97	ug/L
LF3-10	0	8	6/93-4/97	ug/L
LF3-11	0	3	6/93-10/93	ug/L
M7S	2(0.13 11/93)	14	10/92-4/97	ug/L
ORME	0	3	10/84-10/87	ug/L
SITE 09	0	2	10/84-10/90	ug/L
STF-MON-A-01A	NO DATA			ug/L
STF-MON-A-02A	NO DATA			ug/L
USGS 20	NO DATA			ug/L
USGS 34	0	3	10/84-10/90	ug/L
USGS 35	0	3	10/84-5/95	ug/L
USGS 36	1(0.2 10/84)	4	10/84-11/95	ug/L
USGS 37	2(0.2 10/87)	2	10/84-5/95	ug/L
USGS 38	1(0.2 10/90)	2	10/84-5/95	ug/L
USGS 39	0	5	10/84-11/95	ug/L
USGS 77	1(0.1 4/80)	2	4/80-10/90	ug/L
USGS 83	0	2	10/84-10/87	ug/L
USGS 85	0	9	10/84-4/97	ug/L
USGS 103	0	2	10/84-9/87	ug/L
USGS 104	0	3	10/84-9/87	ug/L
USGS 105	0	3	10/84-9/87	ug/L
USGS 106	0	3	10/84-10/87	ug/L
USGS 108	0	5	10/84-9/89	ug/L
USGS 111	0	4	9/87-12/95	ug/L
USGS 112	4(0.3 9/88)	1	9/87-11/95	ug/L
USGS 113	1(0.2 10/87)	3	10/87-12/95	ug/L
USGS 114	0	3	10/94-11/95	ug/L
USGS 115	0	2	10/87-5/95	ug/L
USGS 116	0	4	10/87-11/95	ug/L

Table G-11. Phenol groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	NO DATA			ug/L
CFA-1	NO DATA			ug/L
CFA-2	NO DATA			ug/L
CFA-MON-A-001	NO DATA			ug/L
CFA-MON-A-002	NO DATA			ug/L
CFA-MON-A-003	NO DATA			ug/L
LF2-08	NO DATA			ug/L
LF2-09	NO DATA			ug/L
LF2-10	NO DATA			ug/L
LF2-11	NO DATA			ug/L
LF2-12	NO DATA			ug/L
LF3-08	NO DATA			ug/L
LF3-09	NO DATA			ug/L
LF3-10	NO DATA			ug/L
LF3-11	NO DATA			ug/L
M7S	0	10	10/92-4/97	ug/L
ORME	NO DATA			ug/L
SITE 09	NO DATA			ug/L
STF-MON-A-01A	NO DATA			ug/L
STF-MON-A-02A	NO DATA			ug/L
USGS 20	NO DATA			ug/L
USGS 34	NO DATA			ug/L
USGS 35	NO DATA			ug/L
USGS 36	0	1	Nov-95	ug/L
USGS 37	NO DATA			ug/L
USGS 38	NO DATA			ug/L
USGS 39	0	1	Nov-95	ug/L
USGS 77	NO DATA			ug/L
USGS 83	NO DATA			ug/L
USGS 85	NO DATA			ug/L
USGS 103	NO DATA			ug/L
USGS 104	NO DATA			ug/L
USGS 105	NO DATA			ug/L
USGS 106	NO DATA			ug/L
USGS 108	NO DATA			ug/L
USGS 111	0	1	Dec-95	ug/L
USGS 112	0	1	Nov-95	ug/L
USGS 113	NO DATA			ug/L
USGS 114	0	1	Nov-95	ug/L
USGS 115	NO DATA			ug/L
USGS 116	0	1	Nov-95	ug/L

Table G-12. Plutonium-238 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	1	Oct-87	pCi/L
CFA-1	2(0.13 1/88)	2	10/87-4/88	pCi/L
CFA-2	0	2	10/87-1/88	pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	NO DATA			pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	NO DATA			pCi/L
LF2-11	NO DATA			pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	NO DATA			pCi/L
LF3-09	NO DATA			pCi/L
LF3-10	NO DATA			pCi/L
LF3-11	NO DATA			pCi/L
M7S	1(0.1 11/93)	3	11/93-4/97	pCi/L
ORME	0	1	Oct-87	pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	NO DATA			pCi/L
USGS 34	0	5	4/94-4/96	pCi/L
USGS 35	NO DATA			pCi/L
USGS 36	0	1	Oct-94	pCi/L
USGS 37	1(0.04 10/95)	12	4/82-10/95	pCi/L
USGS 38	0	5	4/94-4/96	pCi/L
USGS 39	0	1	Oct-94	pCi/L
USGS 77	0	3	4/95-4/96	pCi/L
USGS 83	NO DATA			pCi/L
USGS 85	NO DATA			pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	NO DATA			pCi/L
USGS 108	0	2	4/84-9/89	pCi/L
USGS 111	NO DATA			pCi/L
USGS 112	1(0.78 10/94)	1	10/94-5/95	pCi/L
USGS 113	0	2	4/94-10/94	pCi/L
USGS 114	0	2	4/94-10/94	pCi/L
USGS 115	NO DATA			pCi/L
USGS 116	0	2	4/94-10/94	pCi/L

Table G-13. Plutonium-239 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	NO DATA			pCi/L
CFA-1	NO DATA			pCi/L
CFA-2	NO DATA			pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	NO DATA			pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	NO DATA			pCi/L
LF2-11	NO DATA			pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	NO DATA			pCi/L
LF3-09	NO DATA			pCi/L
LF3-10	NO DATA			pCi/L
LF3-11	NO DATA			pCi/L
M7S	0	3	6/96-4/97	pCi/L
ORME	NO DATA			pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	NO DATA			pCi/L
USGS 34	NO DATA			pCi/L
USGS 35	NO DATA			pCi/L
USGS 36	NO DATA			pCi/L
USGS 37	NO DATA			pCi/L
USGS 38	NO DATA			pCi/L
USGS 39	NO DATA			pCi/L
USGS 77	NO DATA			pCi/L
USGS 83	NO DATA			pCi/L
USGS 85	NO DATA			pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	NO DATA			pCi/L
USGS 108	NO DATA			pCi/L
USGS 111	NO DATA			pCi/L
USGS 112	NO DATA			pCi/L
USGS 113	NO DATA			pCi/L
USGS 114	NO DATA			pCi/L
USGS 115	NO DATA			pCi/L
USGS 116	NO DATA			pCi/L

Table G-14. Plutonium-239/240 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	1	Oct-87	pCi/L
CFA-1	0	4	10/87-4/88	pCi/L
CFA-2	0	2	10/87-1/88	pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	NO DATA			pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	NO DATA			pCi/L
LF2-11	NO DATA			pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	NO DATA			pCi/L
LF3-09	NO DATA			pCi/L
LF3-10	NO DATA			pCi/L
LF3-11	NO DATA			pCi/L
M7S	1(0.4 11/93)	0	Nov-93	pCi/L
ORME	0	1	Oct-87	pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	NO DATA			pCi/L
USGS 34	0	5	4/94-4/96	pCi/L
USGS 35	NO DATA			pCi/L
USGS 36	0	1	Oct-94	pCi/L
USGS 37	0	13	4/82-10/94	pCi/L
USGS 38	0	5	4/94-4/96	pCi/L
USGS 39	0	1	Oct-94	pCi/L
USGS 77	0	2	4/95-4/96	pCi/L
USGS 83	NO DATA			pCi/L
USGS 85	NO DATA			pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	NO DATA			pCi/L
USGS 108	0	2	4/84-9/89	pCi/L
USGS 111	NO DATA			pCi/L
USGS 112	1(0.16 10/94)	1	10/94-5/95	pCi/L
USGS 113	0	2	4/94-10/94	pCi/L
USGS 114	0	2	4/94-10/94	pCi/L
USGS 115	NO DATA			pCi/L
USGS 116	0	2	4/94-10/94	pCi/L

Table G-15. Strontium-90 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	5	1/85-6/96	pCi/L
CFA-1	2(20.0 10/68)	32	6/65-4/96	pCi/L
CFA-2	1(20.0 10/68)	32	10/68-4/96	pCi/L
CFA-MON-A-001	0	2	4/95-6/95	pCi/L
CFA-MON-A-002	0	2	4/95-6/95	pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	0	1	May-95	pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	1(0.7 5/95)	6	11/94-4/96	pCi/L
LF2-11	0	2	10/93-8/95	pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	0	1	Jun-95	pCi/L
LF3-09	1(3.5 6/95)	4	10/93-6/96	pCi/L
LF3-10	2(3.5 6/95)	0	6/95-8/95	pCi/L
LF3-11	1(6.0 10/93)	0	Oct-93	pCi/L
M7S	2(1.8 6/96)	6	10/92-6/96	pCi/L
ORME	0	1	Oct-87	pCi/L
SITE 09	0	6	11/76-6/96	pCi/L
STF-MON-A-01A	0	2	4/95-8/95	pCi/L
STF-MON-A-02A	0	2	4/95-8/95	pCi/L
USGS 20	6(7.2 4/72)	32	10/68-4/96	pCi/L
USGS 34	18(33.0 10/79)	22	10/68-4/96	pCi/L
USGS 35	18(20.0 10/87)	18	10/68-4/96	pCi/L
USGS 36	48 (40.0 10/85)	0	10/68-6/96	pCi/L
USGS 37	65(34.0 4/80)	4	10/68-4/96	pCi/L
USGS 38	41(38.0 4/81)	0	10/68-4/96	pCi/L
USGS 39	0	46	10/68-6/96	pCi/L
USGS 77	13(7.0 4/88)	27	10/68-4/96	pCi/L
USGS 83	0	1	Oct-91	pCi/L
USGS 85	16(9.3 4/72)	29	10/68-4/96	pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	0	2	1/81-10/93	pCi/L
USGS 108	0	1	Sep-89	pCi/L
USGS 111	3(28.0 1/89)	26	11/85-4/96	pCi/L
USGS 112	36(53.0 9/87)	0	11/85-4/96	pCi/L
USGS 113	35(30.0 4/86)	0	11/85-4/96	pCi/L
USGS 114	1(8.0 10/87)	34	11/85-4/96	pCi/L
USGS 115	0	34	11/85-4/96	pCi/L
USGS 116	4(4.0 6/90)	31	11/85-4/96	pCi/L

Table G-16. Trichloroethene groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	1	Oct-87	ug/L
CFA-1	3(0.7 6/93)	0	10/87-8/93	ug/L
CFA-2	3(0.8 8/93)	0	10/87-8/93	ug/L
CFA-MON-A-001	0	5	4/95-4/97	ug/L
CFA-MON-A-002	0	5	4/95-4/97	ug/L
CFA-MON-A-003	0	3	10/96-4/97	ug/L
LF2-08	3(0.5 10/93)	4	6/93-4/97	ug/L
LF2-09	2(25.0 8/93)	4	5/93-4/97	ug/L
LF2-10	0	7	6/93-4/97	ug/L
LF2-11	0	6	6/93-4/97	ug/L
LF2-12	0	2	6/93-4/97	ug/L
LF3-08	0	7	6/93-4/97	ug/L
LF3-09	0	5	6/93-4/97	ug/L
LF3-10	0	6	6/93-4/97	ug/L
LF3-11	0	2	6/93-4/97	ug/L
M7S	19(2.7 6/95)	0	10/92-4/97	ug/L
ORME	0	1	Oct-87	ug/L
SITE 09	0	1	Oct-90	ug/L
STF-MON-A-01A	0	2	4/95-8/95	ug/L
STF-MON-A-02A	0	2	4/95-8/95	ug/L
USGS 20	NO DATA			ug/L
USGS 34	2(0.2 4/96)	3	10/90-4/96	ug/L
USGS 35	0	1	Oct-90	ug/L
USGS 36	0	1	Oct-90	ug/L
USGS 37	0	1	Oct-87	ug/L
USGS 38	2(0.2 4/96)	6	10/90-4/96	ug/L
USGS 39	0	1	Oct-90	ug/L
USGS 77	2(0.2 4/96)	2	10/90-4/96	ug/L
USGS 83	0	3	10/87-10/94	ug/L
USGS 85	0	7	6/93-4/97	ug/L
USGS 103	0	1	Sep-87	ug/L
USGS 104	0	1	Sep-87	ug/L
USGS 105	0	2	6/87-9/87	ug/L
USGS 106	0	1	Oct-87	ug/L
USGS 108	0	3	9/87-9/89	ug/L
USGS 111	0	1	Sep-89	ug/L
USGS 112	0	2	9/87-9/88	ug/L
USGS 113	0	3	10/87-10/94	ug/L
USGS 114	0	3	10/87-10/94	ug/L
USGS 115	0	1	Oct-87	ug/L
USGS 116	0	3	10/87-10/94	ug/L

Table G-17. Tritium groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	0	17	1/85-6/96	pCi/L
CFA-1	107(118,000 10/68)	0	9/62-6/96	pCi/L
CFA-2	102(76,000 1/74)	0	6/62-6/96	pCi/L
CFA-MON-A-001	0	2	4/95-7/95	pCi/L
CFA-MON-A-002	2(1,970 7/95)	0	4/95-6/95	pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	3(21,000 5/95)	0	8/93-5/95	pCi/L
LF2-09	2(25,000 10/93)	0	8/93-10/93	pCi/L
LF2-10	9(9,000 10/93)	0	8/93-4/96	pCi/L
LF2-11	3(30,000 8/93)	0	8/93-8/95	pCi/L
LF2-12	3(30,000 8/93)	0	8/93-6/95	pCi/L
LF3-08	3(28,000 8/93)	0	8/93-5/95	pCi/L
LF3-09	6(28,000 10/93)	0	8/93-7/96	pCi/L
LF3-10	4(24,1007/95)	0	8/93-8/95	pCi/L
LF3-11	2(16,400 8/93)	0	8/93-10/93	pCi/L
M7S	17(2,600 10/95)	0	10/92-4/97	pCi/L
ORME	57(10,000 10/67)	0	1/65=4/94	pCi/L
SITE 09	17(9,500 3/63)	39	12/62-7/62	pCi/L
STF-MON-A-01A	0	2	4/95-8/95	pCi/L
STF-MON-A-02A	0	2	4/95-8/95	pCi/L
USGS 20	194(401,000 4/65)	0	10/61-4/96	pCi/L
USGS 34	87(43,000 8/63)	0	10/61-4/96	pCi/L
USGS 35	91(35,000 10/61)	0	10/61-4/96	pCi/L
USGS 36	97(191,000 10/61)	0	10/61-7/96	pCi/L
USGS 37	119(257,000 8/63)	0	10/61-4/96	pCi/L
USGS 38	87(740,000 10/61)	0	10/61-4/96	pCi/L
USGS 39	100(13,400 7/62)	0	10/61-7/96	pCi/L
USGS 77	89(217,000 11/63)	0	4/62-4/96	pCi/L
USGS 83	52(13,000 10/71)	63	8/62-4/96	pCi/L
USGS 85	97(118,000 11/62)	0	9/62-4/96	pCi/L
USGS 103	7(1,200 7/85)	76	9/80-10/96	pCi/L
USGS 104	72(2,400 7/84)	6	10/80-10/96	pCi/L
USGS 105	10(3,400 11/83)	51	10/80-10/96	pCi/L
USGS 106	68(65,000 7/83)	0	9/80-4/96	pCi/L
USGS 108	9(3,400 11/83)	48	10/80-10/96	pCi/L
USGS 111	30(164,000 4/86)	0	11/85-4/96	pCi/L
USGS 112	35(88,200 10/86)	0	11/85-7/96	pCi/L
USGS 113	67(108,000 8/86)	0	11/85-7/96	pCi/L
USGS 114	36(37,700 10/86)	0	11/85-7/96	pCi/L
USGS 115	36(20,600 11/85)	0	11/85-7/96	pCi/L
USGS 116	36(24,300 11/85)	0	11/85-7/96	pCi/L

Table G-18. Uranium-234 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	NO DATA			pCi/L
CFA-1	NO DATA			pCi/L
CFA-2	NO DATA			pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	NO DATA			pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	NO DATA			pCi/L
LF2-11	NO DATA			pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	NO DATA			pCi/L
LF3-09	NO DATA			pCi/L
LF3-10	NO DATA			pCi/L
LF3-11	NO DATA			pCi/L
M7S	NO DATA			pCi/L
ORME	NO DATA			pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	NO DATA			pCi/L
USGS 34	NO DATA			pCi/L
USGS 35	NO DATA			pCi/L
USGS 36	1(0.6 10/94)	0	Oct-94	pCi/L
USGS 37	NO DATA			pCi/L
USGS 38	NO DATA			pCi/L
USGS 39	1(1.2 10/94)	0	Oct-94	pCi/L
USGS 77	NO DATA			pCi/L
USGS 83	NO DATA			pCi/L
USGS 85	NO DATA			pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	NO DATA			pCi/L
USGS 108	NO DATA			pCi/L
USGS 111	NO DATA			pCi/L
USGS 112	2(1.3 5/95)	0	10/94-5/95	pCi/L
USGS 113	NO DATA			pCi/L
USGS 114	1(0.7 10/94)	0	10/94)	pCi/L
USGS 115	NO DATA			pCi/L
USGS 116	1(0.7 10/94)	0	Oct-94	pCi/L

Table G-19. Uranium-235 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	NO DATA			ug/L
CFA-1	NO DATA			ug/L
CFA-2	NO DATA			ug/L
CFA-MON-A-001	NO DATA			ug/L
CFA-MON-A-002	NO DATA			ug/L
CFA-MON-A-003	NO DATA			ug/L
LF2-08	NO DATA			ug/L
LF2-09	NO DATA			ug/L
LF2-10	NO DATA			ug/L
LF2-11	NO DATA			ug/L
LF2-12	NO DATA			ug/L
LF3-08	NO DATA			ug/L
LF3-09	NO DATA			ug/L
LF3-10	NO DATA			ug/L
LF3-11	NO DATA			ug/L
M7S	0	4	10/95-4/97	ug/L
ORME	NO DATA			ug/L
SITE 09	NO DATA			ug/L
STF-MON-A-01A	NO DATA			ug/L
STF-MON-A-02A	NO DATA			ug/L
USGS 20	NO DATA			ug/L
USGS 34	NO DATA			ug/L
USGS 35	NO DATA			ug/L
USGS 36	0	1	Oct-94	ug/L
USGS 37	NO DATA			ug/L
USGS 38	NO DATA			ug/L
USGS 39	0	1	Oct-94	ug/L
USGS 77	NO DATA			ug/L
USGS 83	NO DATA			ug/L
USGS 85	NO DATA			ug/L
USGS 103	NO DATA			ug/L
USGS 104	NO DATA			ug/L
USGS 105	NO DATA			ug/L
USGS 106	NO DATA			ug/L
USGS 108	NO DATA			ug/L
USGS 111	NO DATA			ug/L
USGS 112	0	2	10/94-5/95	ug/L
USGS 113	NO DATA			ug/L
USGS 114	0	1	Oct-95	ug/L
USGS 115	NO DATA			ug/L
USGS 116	0	1	Oct-94	ug/L

Table G-20. Uranium-238 groundwater data.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	NO DATA			pCi/L
CFA-1	NO DATA			pCi/L
CFA-2	NO DATA			pCi/L
CFA-MON-A-001	NO DATA			pCi/L
CFA-MON-A-002	NO DATA			pCi/L
CFA-MON-A-003	NO DATA			pCi/L
LF2-08	NO DATA			pCi/L
LF2-09	NO DATA			pCi/L
LF2-10	NO DATA			pCi/L
LF2-11	NO DATA			pCi/L
LF2-12	NO DATA			pCi/L
LF3-08	NO DATA			pCi/L
LF3-09	NO DATA			pCi/L
LF3-10	NO DATA			pCi/L
LF3-11	NO DATA			pCi/L
M7S	1(0.58 10/95	0	Oct-95	pCi/L
ORME	NO DATA			pCi/L
SITE 09	NO DATA			pCi/L
STF-MON-A-01A	NO DATA			pCi/L
STF-MON-A-02A	NO DATA			pCi/L
USGS 20	NO DATA			pCi/L
USGS 34	NO DATA			pCi/L
USGS 35	NO DATA			pCi/L
USGS 36	1(0.4 10/94)	0	Oct-94	pCi/L
USGS 37	NO DATA			pCi/L
USGS 38	NO DATA			pCi/L
USGS 39	NO DATA			pCi/L
USGS 77	NO DATA			pCi/L
USGS 83	NO DATA			pCi/L
USGS 85	NO DATA			pCi/L
USGS 103	NO DATA			pCi/L
USGS 104	NO DATA			pCi/L
USGS 105	NO DATA			pCi/L
USGS 106	NO DATA			pCi/L
USGS 108	NO DATA			pCi/L
USGS 111	NO DATA			pCi/L
USGS 112	1(0.9 10/94)	1	10/94-5/95	pCi/L
USGS 113	NO DATA			pCi/L
USGS 114	1(0.6 10/94)	0	Oct-94	pCi/L
USGS 115	NO DATA			pCi/L
USGS 116	1(0.3 10/94)	0	Oct-94	pCi/L

Table G-21. Zinc groundwater concentrations.

WELL	NO. OF DETECTS (max. conc. & date)	NON-DETECTS	OVERALL SAMPLING PERIOD	UNIT
Badging Facility	NO DATA			ug/L
CFA-1	3(24.0 6/93)	0	6/91-8/93	ug/L
CFA-2	4(110.0 8/68)	0	8/68-10/93	ug/L
CFA-MON-A-001	3(743.0 10/96)	0	10/96-4/97	ug/L
CFA-MON-A-002	3(86.2 10/96)	0	10/96-4/97	ug/L
CFA-MON-A-003	3(933.0 4/97)	0	10/96-4/97	ug/L
LF2-08	6(36.8 10.93)	2	6/93-4/97	ug/L
LF2-09	7(770.0 6/96)	0	6/93-4/97	ug/L
LF2-10	7(59.4 8/93)	1	6/93-4/97	ug/L
LF2-11	6(353.0 8/93)	2	6/93-4/97	ug/L
LF2-12	4(2,370.0 10/93)	0	5/93-4/97	ug/L
LF3-08	8(154.0 10/93)	0	5/93-4/97	ug/L
LF3-09	7(638.0 5/93)	0	6/93-4/97	ug/L
LF3-10	8(1,380 8/93)	0	6/93-4/97	ug/L
LF3-11	3(35,500 8/93)	0	6/93-4/97	ug/L
M7S	4(24.0 4/94)	11	10/93-4/97	ug/L
ORME	NO DATA			ug/L
SITE 09	1(5.0 6/91)	0	Jun-91	ug/L
STF-MON-A-01A	NO DATA			ug/L
STF-MON-A-02A	NO DATA			ug/L
USGS 20	1(21.0 5/91)	0	May-91	ug/L
USGS 34	1(2.6 5/95)	0	May-95	ug/L
USGS 35	1(3.5 5/95)	0	May-95	ug/L
USGS 36	0	2	10/94-5/95	ug/L
USGS 37	1(179.0 5/95)	0	May-95	ug/L
USGS 38	1(18.6 5/95)	0	May-95	ug/L
USGS 39	1(3.9 5/95)	1	10/94-5/95	ug/L
USGS 77	NO DATA			ug/L
USGS 83	NO DATA			ug/L
USGS 85	7(404.0 8/93)	2	6/91-4/97	ug/L
USGS 103	NO DATA			ug/L
USGS 104	NO DATA			ug/L
USGS 105	NO DATA			ug/L
USGS 106	NO DATA			ug/L
USGS 108	NO DATA			ug/L
USGS 111	1(200.0 5/95)	0	May-95	ug/L
USGS 112	3(169.0 5/95)	0	5/91-5/95	ug/L
USGS 113	1(90.7 5/95)	0	May-95	ug/L
USGS 114	2(326.0 10/94)	0	10/94-5/95	ug/L
USGS 115	1(454.0 5/95)	0	May-95	ug/L
USGS 116	2(295.0 10/94)	0	10/94-5/95	ug/L

Table G-22. Groundwater concentrations compared to background levels.

COMPOUND	LOCATION/WELL	UNITS	BACKGROUND CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE BACK-GROUND CONCENTRATIONS
1,2-DICHLOROETHANE	M7S	ug/L	0	0.8	0.8	1
	CFA-1	ug/L	0	0.6	0.6	1
AMERICIUM-241	USGS 34	pCi/L	NOT ESTABLISHED	0.06	0.21	1
	USGS 36	pCi/L	NOT ESTABLISHED	0.04	0.06	1
	USGS 39	pCi/L	NOT ESTABLISHED	0.03	0.04	1
	USGS 112	pCi/L	NOT ESTABLISHED	0.21	0.03	1
ARSENIC	M7S	ug/L	2 to 3	4.8	2.3	2
	STF-MON-A-02A	ug/L	2 to 3	3.8	3.2	2
	STF-MON-A-01A	ug/L	2 to 3	3.4	3.4	1
	BADGING FACILITY	ug/L	2 to 3	3	2	2
	LF2-08	ug/L	2 to 3	2.4	2.2	2
	LF2-09	ug/L	2 to 3	2.8	2.2	2
	LF2-10	ug/L	2 to 3	2.3	2.3	1
	LF2-12	ug/L	2 to 3	3.3	3.3	1
	LF3-08	ug/L	2 to 3	3.1	2.6	2
	OMRE	ug/L	2 to 3	2	2	2
	SITE 09	ug/L	2 to 3	2	2	2
	USGS 35	ug/L	2 to 3	2	2	1
	USGS 36	ug/L	2 to 3	2.3	2.3	1
	USGS 37	ug/L	2 to 3	2	2	1
	USGS 39	ug/L	2 to 3	2	2	1
	USGS 83	ug/L	2 to 3	2	2	1
	USGS 85	ug/L	2 to 3	2.4	2	2
	USGS 103	ug/L	2 to 3	3	3	1
	USGS 104	ug/L	2 to 3	2	2	2
	USGS 105	ug/L	2 to 3	2	2	2
	USGS 106	ug/L	2 to 3	2	2	1
	USGS 108	ug/L	2 to 3	2	2	2
	USGS 111	ug/L	2 to 3	2	2	1
	USGS 112	ug/L	2 to 3	3.3	2	2
	USGS 115	ug/L	2 to 3	2	2	1
BERYLLIUM	CFA-1	ug/L	NOT ESTABLISHED	8.9	8.9	1
	LF2-08	ug/L	NOT ESTABLISHED	5.9	5.9	1
	LF2-09	ug/L	NOT ESTABLISHED	5.9	5.9	1
	M7S	ug/L	NOT ESTABLISHED	4.8	2	3

Table G-22. (continued).

COMPOUND	LOCATION/WELL	UNITS	BACKGROUND CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE BACK-GROUND CONCENTRATIONS
CADMIUM	BADGING FACILITY	ug/L	<1	1	1	1
	CFA-1	ug/L	<1	10.1	10.1	1
	CFA-2	ug/L	<1	10	2	4
	LF2-08	ug/L	<1	8.8	1.5	4
	LF2-09	ug/L	<1	13.5	7	4
	LF2-10	ug/L	<1	7.5	7.5	1
	LF2-11	ug/L	<1	120	8.5	2
	LF2-12	ug/L	<1	11	2.7	2
	LF3-08	ug/L	<1	11.9	8.2	2
	LF3-09	ug/L	<1	17	8	3
	LF3-10	ug/L	<1	12	7.2	3
	LF3-11	ug/L	<1	14	10.9	2
	M7S	ug/L	<1	10.5	4.5	4
	USGS 36	ug/L	<1	5.1	5.1	1
	USGS 39	ug/L	<1	11	3	2
	USGS 85	ug/L	<1	8.6	5	2
	USGS 113	ug/L	<1	11.1	11.1	1
	USGS 114	ug/L	<1	15	15	1
	USGS 116	ug/L	<1	8	8	1
CHLOROMETHANE	M7S	ug/L	NOT ESTABLISHED	0.6	0.6	1
CHROMIUM	BADGING FACILITY	ug/L	2 to 3	10	8	2
	CFA-1	ug/L	2 to 3	31	11	19
	CFA-2	ug/L	2 to 3	21.7	9.5	14
	CFA-MON-A-001	ug/L	2 to 3	9.4	9.4	1
	CFA-MON-A-002	ug/L	2 to 3	15.5	10.8	4
	LF2-08	ug/L	2 to 3	18.2	9.1	5
	LF2-09	ug/L	2 to 3	50.3	12.5	5
	LF2-10	ug/L	2 to 3	15	8.9	11
	LF2-11	ug/L	2 to 3	18.2	10.5	3
	LF2-12	ug/L	2 to 3	41.6	8	3
	LF3-08	ug/L	2 to 3	16	3.5	6
	LF3-09	ug/L	2 to 3	36.7	6	6
	LF3-10	ug/L	2 to 3	25.2	5.1	7
	LF3-11	ug/L	2 to 3	10	7	3
	M7S	ug/L	2 to 3	15.9	5.7	13

Table G-22. (continued).

COMPOUND	LOCATION/WELL	UNITS	BACKGROUND CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE BACK-GROUND CONCENTRATIONS
	OMRE	ug/L	2 to 3	7	4.7	3
	SITE 09	ug/L	2 to 3	6	6	2
	STF-MON-A-01A	ug/L	2 to 3	9.4	8.6	2
	STF-MON-A-02A	ug/L	2 to 3	22.3	16.8	2
	USGS 20	ug/L	2 to 3	7.6	7	3
	USGS 34	ug/L	2 to 3	24	13	7
	USGS 35	ug/L	2 to 3	29.2	10	3
	USGS 36	ug/L	2 to 3	17	9	4
	USGS 37	ug/L	2 to 3	10	7	3
	USGS 38	ug/L	2 to 3	9	5	7
	USGS 39	ug/L	2 to 3	41.1	30	4
	USGS 77	ug/L	2 to 3	20	9	5
	USGS 83	ug/L	2 to 3	20	8	6
	USGS 85	ug/L	2 to 3	18.3	2.5	13
	USGS 103	ug/L	2 to 3	7	5	5
	USGS 104	ug/L	2 to 3	5	5	1
	USGS 105	ug/L	2 to 3	10	3	7
	USGS 106	ug/L	2 to 3	10	7	2
	USGS 108	ug/L	2 to 3	9	6	9
	USGS 111	ug/L	2 to 3	38.6	20	4
	USGS 112	ug/L	2 to 3	8	6	2
	USGS 113	ug/L	2 to 3	10	6.4	4
	USGS 114	ug/L	2 to 3	12.4	8.9	5
	USGS 115	ug/L	2 to 3	7.7	7	2
	USGS 116	ug/L	2 to 3	10.1	7	6
CESIUM-137	CFA-2	pCi/L	NOT ESTABLISHED	60	60	1
IODINE-129	CFA-1	pCi/L	0.05	0.49	0.25	2
	CFA-2	pCi/L	0.05	0.1	0.1	1
	LF2-12	pCi/L	0.05	1.2	1.2	1
	LF3-09	pCi/L	0.05	0.9	0.9	1
	M7S	pCi/L	0.05	3.69	0.2	2
	USGS 34	pCi/L	0.05	0.73	0.4	2
	USGS 35	pCi/L	0.05	1	1	1
	USGS 36	pCi/L	0.05	7.1	2	2
	USGS 37	pCi/L	0.05	5.1	2.5	3

Table G-22. (continued).

COMPOUND	LOCATION/WELL	UNITS	BACKGROUND CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE BACK-GROUND CONCENTRATIONS
	USGS 38	pCi/L	0.05	6.2	2.8	2
	USGS 77	pCi/L	0.05	2.9	1.6	3
	USGS 85	pCi/L	0.05	3.3	1.4	3
	USGS 111	pCi/L	0.05	2.8	2.8	1
	USGS 112	pCi/L	0.05	3.3	3.3	1
	USGS 113	pCi/L	0.05	2.9	2.9	1
	USGS 116	pCi/L	0.05	0.65	0.65	1
MERCURY	LF2-08	ug/L	0.1	0.23	0.13	2
	LF2-12	ug/L	0.1	0.44	0.44	1
	LF3-08	ug/L	0.1	0.13	0.13	1
	M7S	ug/L	0.1	0.13	0.12	2
	USGS 36	ug/L	0.1	0.2	0.2	1
	USGS 37	ug/L	0.1	0.2	0.2	2
	USGS 38	ug/L	0.1	0.2	0.2	1
	USGS 112	ug/L	0.1	0.3	0.11	3
	USGS 113	ug/L	0.1	0.2	0.2	1
PLUTONIUM-238	CFA-1	pCi/L	NOT ESTABLISHED	0.13	0.11	2
	M7S	pCi/L	NOT ESTABLISHED	0.1	0.1	1
	USGS 37	pCi/L	NOT ESTABLISHED	0.04	0.04	1
	USGS 112	pCi/L	NOT ESTABLISHED	0.78	0.78	1
PLUTONIUM-239/240	M7S	pCi/L	NOT ESTABLISHED	0.4	0.4	1
	USGS 112	pCi/L	NOT ESTABLISHED	0.16	0.16	1
STRONTIUM-90	CFA-1	pCi/L	0.05	20	4	2
	CFA-2	pCi/L	0.05	20	20	1
	LF2-10	pCi/L	0.05	0.7	0.7	1
	LF3-09	pCi/L	0.05	3.5	3.5	1
	LF3-10	pCi/L	0.05	3.5	0.7	2
	LF3-11	pCi/L	0.05	6	6	1
	M7S	pCi/L	0.05	1.8	1.4	2
	USGS 20	pCi/L	0.05	9.9	2	6
	USGS 34	pCi/L	0.05	33	2.3	17
	USGS 35	pCi/L	0.05	20	2	14
	USGS 36	pCi/L	0.05	40	2	50
	USGS 37	pCi/L	0.05	34	2	35
	USGS 38	pCi/L	0.05	38	2	41

Table G-22. (continued).

COMPOUND	LOCATION/WELL	UNITS	BACKGROUND CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE BACK-GROUND CONCENTRATIONS
	USGS 39	pCi/L	0.05	1.6	1.6	1
	USGS 77	pCi/L	0.05	7	2	13
	USGS 85	pCi/L	0.05	9.3	2	14
	USGS 111	pCi/L	0.05	28	0.7	3
	USGS 112	pCi/L	0.05	53	21.2	63
	USGS 113	pCi/L	0.05	30	12	34
	USGS 114	pCi/L	0.05	8	8	1
	USGS 116	pCi/L	0.05	4	0.9	4
TRICHLOROETHENE	CFA-1	ug/L	0	0.7	0.3	3
	CFA-2	ug/L	0	0.8	0.7	3
	LF2-08	ug/L	0	0.5	0.1	3
	LF2-09	ug/L	0	25	0.6	2
	M7S	ug/L	0	2.7	1.1	23
	USGS 34	ug/L	0	0.2	0.2	2
	USGS 38	ug/L	0	0.2	0.2	2
	USGS 77	ug/L	0	0.2	0.2	2
TRITIUM	CFA-1	pCi/L	150	118,000	12,400	107
	CFA-2	pCi/L	150	76,000	11,300	102
	CFA-MON-A-002	pCi/L	150	1,970	1,760	2
	EOCR	pCi/L	150	7,000	1,000	27
	LF2-08	pCi/L	150	21,000	20,000	3
	LF2-09	pCi/L	150	25,000	24,500	2
	LF2-10	pCi/L	150	9,000	2,900	9
	LF2-11	pCi/L	150	30,000	24,000	3
	LF2-12	pCi/L	150	30,000	25,200	3
	LF3-08	pCi/L	150	28,000	20,800	3
	LF3-09	pCi/L	150	28,000	20,200	6
	LF3-10	pCi/L	150	24,000	17,600	4
	LF3-11	pCi/L	150	16,600	16,000	3
	M7S	pCi/L	150	2,600	1,020	17
	ORME	pCi/L	150	10,000	1,300	57
	SITE-09	pCi/L	150	9,500	400	17
	USGS 20	pCi/L	150	401,000	4,000	194
	USGS 34	pCi/L	150	43,000	2,000	87
	USGS 35	pCi/L	150	35,000	2,000	91

Table G-22. (continued).

COMPOUND	LOCATION/WELL	UNITS	BACKGROUND CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE BACK-GROUND CONCENTRATIONS
	USGS 36	pCi/L	150	191,000	4,500	97
	USGS 37	pCi/L	150	257,000	1,000	119
	USGS 38	pCi/L	150	740,000	120	87
	USGS 39	pCi/L	150	13,400	800	100
	USGS 77	pCi/L	150	217,000	11,500	89
	USGS 83	pCi/L	150	13,000	400	52
	USGS 85	pCi/L	150	118,000	4,000	97
	USGS 103	pCi/L	150	1,200	170	7
	USGS 104	pCi/L	150	2,400	400	72
	USGS 105	pCi/L	150	3,400	250	10
	USGS 106	pCi/L	150	65,000	800	68
	USGS 108	pCi/L	150	3,400	800	9
	USGS 111	pCi/L	150	164,000	7,000	30
	USGS 112	pCi/L	150	88,200	13,400	35
	USGS 113	pCi/L	150	108,000	10,800	67
	USGS 114	pCi/L	150	37,700	21,800	36
	USGS 115	pCi/L	150	20,600	3,400	36
	USGS 116	pCi/L	150	24,300	3,300	36
ZINC	CFA-1	ug/L	14.5	24	21	2
	CFA-2	ug/L	14.5	110	17	3
	CFA-MON-A-001	ug/L	14.5	743	595	3
	CFA-MON-A-002	ug/L	14.5	86.2	61.3	3
	CFA-MON-A-003	ug/L	14.5	933	808	3
	LF2-08	ug/L	14.5	37.2	18.8	5
	LF2-09	ug/L	14.5	770	18	4
	LF2-10	ug/L	14.5	59.4	19.2	4
	LF2-11	ug/L	14.5	353	18.5	5
	LF2-12	ug/L	14.5	2,370	30.8	4
	LF3-08	ug/L	14.5	154	29.1	8
	LF3-09	ug/L	14.5	638	82.7	7
	LF3-10	ug/L	14.5	1,380	109	8
	LF3-11	ug/L	14.5	35,500	375	3
	M7S	ug/L	14.5	24	24	1
	USGS 20	ug/L	14.5	21	21	1
	USGS 37	ug/L	14.5	179	179	1

Table G-22. (continued).

COMPOUND	LOCATION/WELL	UNITS	BACKGROUND CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE BACK-GROUND CONCENTRATIONS
	USGS 38	ug/L	14.5	18.6	18.6	1
	USGS 85	ug/L	14.5	404	49.5	2
	USGS 111	ug/L	14.5	200	200	1
	USGS 112	ug/L	14.5	169	92	4
	USGS 113	ug/L	14.5	90.7	90.7	1
	USGS 114	ug/L	14.5	326	261	2
	USGS 115	ug/L	14.5	454	454	1
	USGS 116	ug/L	14.5	295	197	2

Table G-23. Groundwater concentrations above MCLs.

COMPOUND	LOCATION/WELL	UNITS	MCL	MAX. CONCENTRATION	MIN. CONCENTRATION	NO. OF DETECTS ABOVE MCL
BERYLLIUM	CFA-1	ug/L	4	8.9	8.9	1
	LF2-08	ug/L	4	5.9	5.9	1
	LF2-09	ug/L	4	5.9	5.9	1
	M7S	ug/L	4	4.8	4	2
CADMIUM	CFA-1	ug/L	5	10.1	10.1	1
	CFA-2	ug/L	5	10	5.7	3
	LF2-08	ug/L	5	8.8	5.7	2
	LF2-09	ug/L	5	13.5	7	4
	LF2-10	ug/L	5	7.5	7.5	1
	LF2-11	ug/L	5	120	8.5	2
	LF2-12	ug/L	5	11	11	1
	LF3-08	ug/L	5	11.9	8.2	2
	LF3-09	ug/L	5	17	8	3
	LF3-10	ug/L	5	12	7.2	3
	LF3-11	ug/L	5	14	10.9	2
	M7S	ug/L	5	10.5	6.4	3
	USGS 36	ug/L	5	5.1	5.1	1
	USGS 39	ug/L	5	11	11	1
	USGS 85	ug/L	5	8.6	5	2
	USGS 113	ug/L	5	11.1	11.1	1
	USGS 114	ug/L	5	15	15	1
	USGS 116	ug/L	5	8	8	1
CHLOROMETHANE	M7S	ug/L	NONE	0.6	0.6	1
IODINE-129	LF2-12	pCi/L	1	1.2	1.2	1
	M7S	pCi/L	1	3.69	3.69	1
	USGS 35	pCi/L	1	1	1	1
	USGS 36	pCi/L	1	7.1	2	2
	USGS 37	pCi/L	1	5.1	2.5	3
	USGS 38	pCi/L	1	6.2	2.8	2
	USGS 77	pCi/L	1	2.9	1.6	3
	USGS 85	pCi/L	1	3.3	1.4	3
	USGS 111	pCi/L	1	2.8	2.8	1
	USGS 112	pCi/L	1	3.3	3.3	1
	USGS 113	pCi/L	1	2.9	2.9	1
STRONTIUM-90	CFA-1	pCi/L	8	20	20	1

Table G-23. (continued).

COMPOUND	LOCATION/WELL	UNITS	MCL	MAX. CONCENTRATION	MIN. CONCENTRATION	NO. OF DETECTS ABOVE MCL
	CFA-2	pCi/L	8	20	20	1
	USGS 20	pCi/L	8	9.9	9.9	1
	USGS 34	pCi/L	8	33	8	4
	USGS 35	pCi/L	8	20	9.1	2
	USGS 36	pCi/L	8	40	8	46
	USGS 37	pCi/L	8	34	8	57
	USGS 38	pCi/L	8	38	9	38
	USGS 85	pCi/L	8	9.3	9	2
	USGS 111	pCi/L	8	28	11	2
	USGS 112	pCi/L	8	53	21.2	36
	USGS 113	pCi/L	8	30	12	34
	USGS 114	pCi/L	8	8	8	1
TRICHLOROETHENE	LF2-09	ug/L	5	25	25	1
TRITIUM	CFA-1	pCi/L	20,000	118,000	20,100	82
	CFA-2	pCi/L	20,000	76,000	20,000	69
	LF2-08	pCi/L	20,000	21,000	20,000	3
	LF2-09	pCi/L	20,000	25,000	24,500	2
	LF2-11	pCi/L	20,000	30,000	24,000	3
	LF2-12	pCi/L	20,000	30,000	25,200	3
	LF3-08	pCi/L	20,000	28,000	20,800	3
	LF3-09	pCi/L	20,000	28,000	20,200	6
	LF3-10	pCi/L	20,000	24,000	20,300	3
	USGS 20	pCi/L	20,000	401,000	20,000	36
	USGS 34	pCi/L	20,000	43,000	20,000	9
	USGS 35	pCi/L	20,000	35,000	21,700	2
	USGS 36	pCi/L	20,000	191,000	21,000	76
	USGS 37	pCi/L	20,000	257,000	20,700	110
	USGS 38	pCi/L	20,000	740,000	24,600	83
	USGS 77	pCi/L	20,000	217,000	25,100	87
	USGS 85	pCi/L	20,000	118,000	21,000	80
	USGS 111	pCi/L	20,000	164,000	20,000	21
	USGS 112	pCi/L	20,000	88,200	22,700	23
	USGS 113	pCi/L	20,000	108,000	21,500	23
	USGS 114	pCi/L	20,000	37,700	21,800	37
	USGS 115	pCi/L	20,000	20,600	20,600	1

Table G-23. (continued).

COMPOUND	LOCATION/WELL	UNITS	MCL	MAX. CONCENTRATION	MIN. CONCENTRATION	NO. OF DETECTS ABOVE MCL
	USGS 116	pCi/L	20,000	24,300	22,300	2
ZINC	LF3-11	ug/L	5000	35,500	1,050	2

Table G-24. Groundwater concentrations compared to risk based concentrations.

COMPOUND	LOCATION/WELL	UNITS	RISK-BASED CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE RISK BASED CONCENTRATIONS
1,2-DICHLOROETHANE	CFA-1	ug/L	0.3 (10^{-6} risk)	0.6	0.6	1
	M7S	ug/L	0.3 (10^{-6} risk)	0.8	0.8	1
AMERICIUM-241	USGS 112	pCi/L	0.145 (10^{-6} risk)	0.21	0.21	1
ARSENIC	BADGING FACILITY	ug/L	0.05 (10^{-6} risk)	3	2	2
	CFA-1	ug/L	0.05 (10^{-6} risk)	1	1	3
	CFA-2	ug/L	0.05 (10^{-6} risk)	1.3	1	3
	CFA-MON-A-001	ug/L	0.05 (10^{-6} risk)	1.3	1	3
	CFA-MON-A-002	ug/L	0.05 (10^{-6} risk)	1.5	0.9	3
	CFA-MON-A-003	ug/L	0.05 (10^{-6} risk)	1.5	1.2	2
	LF2-08	ug/L	0.05 (10^{-6} risk)	2.4	0.9	6
	LF2-09	ug/L	0.05 (10^{-6} risk)	2.8	0.5	5
	LF2-10	ug/L	0.05 (10^{-6} risk)	2.3	1.2	5
	LF2-11	ug/L	0.05 (10^{-6} risk)	1.6	0.8	5
	LF2-12	ug/L	0.05 (10^{-6} risk)	3.3	3.3	1
	LF3-08	ug/L	0.05 (10^{-6} risk)	3.1	1.1	6
	LF3-09	ug/L	0.05 (10^{-6} risk)	1.1	0.69	3
	LF3-10	ug/L	0.05 (10^{-6} risk)	1.2	0.8	4
	M7S	ug/L	0.05 (10^{-6} risk)	4.8	2.3	2
	OMRE	ug/L	0.05 (10^{-6} risk)	2	2	2
	SITE 09\	ug/L	0.05 (10^{-6} risk)	2	2	2
	STF-MON-A-01A	ug/L	0.05 (10^{-6} risk)	3.4	1.8	2
	STF-MON-A-02A	ug/L	0.05 (10^{-6} risk)	3.8	3.2	2
	USGS 20	ug/L	0.05 (10^{-6} risk)	1	1	1
	USGS 34	ug/L	0.05 (10^{-6} risk)	1	1	1
	USGS 35	ug/L	0.05 (10^{-6} risk)	2	2	1
	USGS 36	ug/L	0.05 (10^{-6} risk)	2.3	1	2
	USGS 37	ug/L	0.05 (10^{-6} risk)	2	1	2
	USGS 38	ug/L	0.05 (10^{-6} risk)	1	1	1
	USGS 39	ug/L	0.05 (10^{-6} risk)	2	2	1
	USGS 77	ug/L	0.05 (10^{-6} risk)	1	1	1
	USGS 83	ug/L	0.05 (10^{-6} risk)	2	2	1

Table G-24. (continued).

COMPOUND	LOCATION/WELL	UNITS	RISK-BASED CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE RISK BASED CONCENTRATIONS
	USGS 85	ug/L	0.05 (10^{-6} risk)	2.4	1.1	6
	USGS 103	ug/L	0.05 (10^{-6} risk)	3	3	1
	USGS 104	ug/L	0.05 (10^{-6} risk)	2	2	2
	USGS 105	ug/L	0.05 (10^{-6} risk)	2	2	2
	USGS 106	ug/L	0.05 (10^{-6} risk)	2	1	2
	USGS 108	ug/L	0.05 (10^{-6} risk)	2	1	3
	USGS 111	ug/L	0.05 (10^{-6} risk)	2	2	1
	USGS 112	ug/L	0.05 (10^{-6} risk)	3.3	1	3
	USGS 113	ug/L	0.05 (10^{-6} risk)	1	1	1
	USGS 114	ug/L	0.05 (10^{-6} risk)	1	1	1
	USGS 115	ug/L	0.05 (10^{-6} risk)	2	2	1
	USGS 116	ug/L	0.05 (10^{-6} risk)	1	1	1
BERYLLIUM	CFA-1	ug/L	0.02 (10^{-6} risk)	8.9	8.9	1
	LF2-08	ug/L	0.02 (10^{-6} risk)	5.9	5.9	1
	LF2-09	ug/L	0.02 (10^{-6} risk)	5.9	5.9	1
	M7S	ug/L	0.02 (10^{-6} risk)	4.8	2	3
CADMIUM	LF2-11	ug/L	20 (Hi=1 risk)	120	120	1
CESIUM-137	CFA-2	pCi/L	1.51 (10^{-6} risk)	60	60	1
IODINE-129	CFA-1	pCi/L	0.295 (10^{-6} risk)	0.49	0.49	1
	LF2-12	pCi/L	0.295 (10^{-6} risk)	1.2	1.2	1
	LF3-09	pCi/L	0.295 (10^{-6} risk)	0.9	0.9	1
	M7S	pCi/L	0.295 (10^{-6} risk)	3.69	3.69	1
	USGS 34	pCi/L	0.295 (10^{-6} risk)	0.73	0.4	2
	USGS 35	pCi/L	0.295 (10^{-6} risk)	1	1	1
	USGS 36	pCi/L	0.295 (10^{-6} risk)	7.1	2	2
	USGS 37	pCi/L	0.295 (10^{-6} risk)	5.1	2.5	3
	USGS 38	pCi/L	0.295 (10^{-6} risk)	6.2	2.8	2
	USGS 77	pCi/L	0.295 (10^{-6} risk)	2.9	1.6	3
	USGS 85	pCi/L	0.295 (10^{-6} risk)	3.3	1.4	3
	USGS 111	pCi/L	0.295 (10^{-6} risk)	2.8	2.8	1
	USGS 112	pCi/L	0.295 (10^{-6} risk)	3.3	3.3	1

Table G-24. (continued).

COMPOUND	LOCATION/WELL	UNITS	RISK-BASED CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE RISK BASED CONCENTRATIONS
	USGS 113	pCi/L	0.295 (10^{-6} risk)	2.9	2.9	1
PLUTONIUM-238	USGS 116	pCi/L	0.161 (10^{-6} risk)	0.65	0.65	1
	USGS 112	pCi/L	0.161 (10^{-6} risk)	0.78	0.78	1
PLUTONIUM-239/240	M7S	pCi/L	0.151 (10^{-6} risk)	0.4	0.4	1
	USGS 112	pCi/L	0.151 (10^{-6} risk)	0.16	0.16	1
STRONTIUM-90	CFA-1	pCi/L	0.852 (10^{-6} risk)	20	4	2
	CFA-2	pCi/L	0.852 (10^{-6} risk)	20	20	2
	LF3-09	pCi/L	0.852 (10^{-6} risk)	3.5	3.5	1
	LF3-10	pCi/L	0.852 (10^{-6} risk)	3.5	3.5	1
	LF3-11	pCi/L	0.852 (10^{-6} risk)	6	6	1
	M7S	pCi/L	0.852 (10^{-6} risk)	1.8	1.4	2
	USGS 20	pCi/L	0.852 (10^{-6} risk)	9.9	2	6
	USGS 34	pCi/L	0.852 (10^{-6} risk)	33	2.3	18
	USGS 35	pCi/L	0.852 (10^{-6} risk)	20	2	14
	USGS 36	pCi/L	0.852 (10^{-6} risk)	40	2	50
	USGS 37	pCi/L	0.852 (10^{-6} risk)	34	2	75
	USGS 38	pCi/L	0.852 (10^{-6} risk)	38	2	41
	USGS 39	pCi/L	0.852 (10^{-6} risk)	1.6	1.6	1
	USGS 77	pCi/L	0.852 (10^{-6} risk)	7	2	13
	USGS 85	pCi/L	0.852 (10^{-6} risk)	9.3	2	20
	USGS 111	pCi/L	0.852 (10^{-6} risk)	28	11	2
	USGS 112	pCi/L	0.852 (10^{-6} risk)	53	21.2	36
	USGS 113	pCi/L	0.852 (10^{-6} risk)	30	12	34
	USGS 114	pCi/L	0.852 (10^{-6} risk)	8	8	1
	USGS 116	pCi/L	0.852 (10^{-6} risk)	4	0.9	4
TRICHLOROETHENE	LF2-09	ug/L	7.74 (10^{-6} risk)	25	25	1
TRITIUM	CFA-1	pCi/L	666 (10^{-6} risk)	118,000	12,400	107
	CFA-2	pCi/L	666 (10^{-6} risk)	76,000	11,300	102
	CFA-MON-A-002	pCi/L	666 (10^{-6} risk)	1,970	1,760	2
	EOCR	pCi/L	666 (10^{-6} risk)	7,000	1,000	27
	LF2-08	pCi/L	666 (10^{-6} risk)	21,000	20,000	3

Table G-24. (continued).

COMPOUND	LOCATION/WELL	UNITS	RISK-BASED CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE RISK BASED CONCENTRATIONS
	LF2-09	pCi/L	666 (10^{-6} risk)	25,000	24,500	2
	LF2-10	pCi/L	666 (10^{-6} risk)	9,000	2,900	9
	LF2-11	pCi/L	666 (10^{-6} risk)	30,000	24,000	3
	LF2-12	pCi/L	666 (10^{-6} risk)	30,000	25,200	3
	LF3-08	pCi/L	666 (10^{-6} risk)	28,000	20,800	3
	LF3-09	pCi/L	666 (10^{-6} risk)	28,000	20,200	6
	LF3-10	pCi/L	666 (10^{-6} risk)	24,000	17,600	4
	LF3-11	pCi/L	666 (10^{-6} risk)	16,600	16,000	3
	M7S	pCi/L	666 (10^{-6} risk)	2,600	1,020	17
	ORME	pCi/L	666 (10^{-6} risk)	10,000	1,300	57
	SITE-09	pCi/L	666 (10^{-6} risk)	9,500	700	16
	USGS 20	pCi/L	666 (10^{-6} risk)	401,000	4,000	194
	USGS 34	pCi/L	666 (10^{-6} risk)	43,000	2,000	87
	USGS 35	pCi/L	666 (10^{-6} risk)	35,000	2,000	91
	USGS 36	pCi/L	666 (10^{-6} risk)	191,000	4,500	97
	USGS 37	pCi/L	666 (10^{-6} risk)	257,000	1,000	119
	USGS 38	pCi/L	666 (10^{-6} risk)	740,000	700	86
	USGS 39	pCi/L	666 (10^{-6} risk)	13,400	800	100
	USGS 77	pCi/L	666 (10^{-6} risk)	217,000	11,500	89
	USGS 83	pCi/L	666 (10^{-6} risk)	13,000	700	51
	USGS 85	pCi/L	666 (10^{-6} risk)	118,000	4,000	97
	USGS 103	pCi/L	666 (10^{-6} risk)	1,200	700	3
	USGS 104	pCi/L	666 (10^{-6} risk)	2,400	700	68
	USGS 105	pCi/L	666 (10^{-6} risk)	3,400	700	3
	USGS 106	pCi/L	666 (10^{-6} risk)	65,000	800	68
	USGS 108	pCi/L	666 (10^{-6} risk)	3,400	800	9
	USGS 111	pCi/L	666 (10^{-6} risk)	164,000	7,000	30
	USGS 112	pCi/L	666 (10^{-6} risk)	88,200	13,400	35
	USGS 113	pCi/L	666 (10^{-6} risk)	108,000	10,800	67
	USGS 114	pCi/L	666 (10^{-6} risk)	37,700	21,800	36
	USGS 115	pCi/L	666 (10^{-6} risk)	20,600	3,400	36

Table G-24. (continued).

COMPOUND	LOCATION/WELL	UNITS	RISK-BASED CONCENTRATION	MAXIMUM CONCENTRATION	MINIMUM CONCENTRATION	DETECTIONS ABOVE RISK BASED CONCENTRATIONS
	USGS 116	pCi/L	666 (10^{-6} risk)	24,300	3,300	36
URANIUM-234	USGS 39	pCi/L	1.07 (10^{-6} risk)	1.2	1.2	1
	USGS 112	pCi/L	1.07 (10^{-6} risk)	1.3	1.2	2
URANIUM-238	USGS 112	pCi/L	0.768 (10^{-6} risk)	0.9	0.9	1
ZINC	LF3-11	ug/L	10,000 (Hi=1 risk)	35,500	35,500	1

Table G-25. Summary of groundwater data.

Contaminant	Units	MCL	Risk-Based Concentration	Background Concentration	Maximum Detected Concentration
1,2 Dichloroethane	(ug/L)	5	0.3	None	0.6
Americium–241	(pCi/L)	6.34	0.145	None	0.21
Arsenic	(ug/L)	50	0.05	2 to 3	4.8
Beryllium	(ug/L)	4	4	None	8.9
Cadmium	(ug/L)	5	< 1	20	120
Chloromethane	(ug/L)	None	6.55	None	Not Detected
Chromium	(ug/L)	100	200	2 to 3	50.3
Cesium–137	(pCi/L)	200	1.51	None	60
Iodine–129	(pCi/L)	129	0.295	0.05	7.1
Mercury	(ug/L)	5	3.65	0.1	0.44
Phenol	(ug/L)	None	0.003	None	Not Detected
Plutonium-238	(pCi/L)	7.02	0.161	None	0.78
Plutonium-239	(pCi/L)	62.1	0.151	None	0.4
Plutonium-239/240	(pCi/L)	62.1	0.151	None	0.4
Strontium-90	(pCi/L)	8	0.852	0.05	40
Trichloroethene	(ug/L)	5	7.74	0	25
Tritium	(pCi/L)	20,000	666	0.15	401,000
Uranium-234	(pCi/L)	13.9	1.07	None	1.3
Uranium-235	(pCi/L)	14.5	1.01	None	Not Detected
Uranium-238	(pCi/L)	14.6	0.768	None	0.9
Zinc	(ug/L)	None	10,000	14.5	35,500