WELL HSB133C collected on 01/17/95. laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Antimony-124	1.6E-10±2.7E-09	UI	µCi/mL	GP
0	Antimony-125	- 44E4S*7.3E4XI	UI	µCi/mL	GP
0	Barium-133	- 5.7E-10~27E49	UI	µCi/mL	GP
0	Carbon-14	34E~6.8E439	UI	µCi/mL	GP
0	Cerium-144	1.8E-09±1 4E-08	UI	µCi/mL	GP
0	Cesium-134	- 2.0E-09±2.2E-09	UI	µCi/mL	GP
0	Cesium-137	3.4E-09±2.3E-09	UI	µCi/mL	GP
0	Cobalt-57	3.7E-10±1.8E-09	UI	µCi/mL	GP
0	Cobalt-58	- 7.2E-10±3 1E-09	UI	µCi/mL	GP
0	Cobalt-60	- 2.2E-09±2.5E-09	UI	µCi/mL	GP
0	Curium-242	- 1.1E-12±4.7E-11	UI	µCi/mL	GP
0	Curium-243/244	- 3.6E-11±8.1E-11	UI	µCi/mL	GP
0	Curium-245/246	0.0E+00	UI	µCi/mL	GP
0	Europium-152	- 2.8E-10±6.4E-09	UI	µCi/mL	GP
0	Europium-154	1.5E-09±1.3E-08	UI	µCi/mL	GP
0	Europium-155	3.8E-09±8.3E-09	UI	µCi/mL	GP
0	Gross alpha	1.9E-10±4.2E-10	UI	µCi/mL	GP
0	Iodine-129	8.0E-11*9.2E.1O	UI	µCi/mL	GP
0	Lead-212	1.5E-09±6.7E-09	UI	µCi/mL	GP
0	Manganese-54	3.8E-10±2.3E-09	UI	µCi/mL	GP
0	Neptunium-239	4 4E-09±1.5E-08	UI	µCi/mL	GP
0	Nonvolatile beta	2.7E-10±7.9E-10	UI	µCi/mL	GP
0	Plutonium-238	2.4E-10±1.2E-10	UI	µCi/mL	GP
0	Plutonium-239/240	1 IE-11z3.5E-11	UI	µCi/mL	GP
0	Potassium-40	5.1E-09±4.2E-08	UI	µCi/mL	GP
0	Promethium-144	1.3E-10±2.3E-09	UI	µCi/mL	GP
0	Promethium-146	- 8.3E-10±3.0E-09	UI	µCi/mL	GP
0	Radium, total alpha-emitting	I.OE.1*3.OE.1O	UI	µCi/mL	GP
0	Radium-226	1.9E-10±9.0E-11	UI	µCi/mL	GP
0	Radium-228	1.2E-09±5.9E-10		µCi/mL	GP
0	Ruthenium-106	9.3E-09±2.0E-08	UI	µCi/mL	GP
0	Sodium-22	2.2E-11±2.4E-09	UI	µCi/mL	GP
0	Strontium-89	-1 1E-09±1.9E-10	UI	µCi/mL	GP
0	Strontium-90	2.4E*5.6E-10		µCi/mL	GP
0	Technetium-99	4.5E-09±9.7E-09	UI	µCi/mL	GP
0	Thorium-228	- 1.1E-10±2.7E-10	UI	µCi/mL	GP
0	Thorium-230	1 1E-10±2.3E-10	UI	µCi/mL	GP
0	Thorium-232	0.0E+00	UI	µCi/mL	GP
0	Thorium-234	1.1E-07±1.6E-07	UI	µCi/mL	GP
0	Tin-113	3.5E-09±3.2E-09	UI	µCi/mL	GP
0	Tritium	- 1.0E-07±3.6E-07	UI	µCi/mL	GP
0	Uranium-233/234	- 1.5E-11±2.1E-11	UI	µCi/mL	GP
0	Uranium-235	- 1.5E-11±2.1E-11	UI	µCi/mL	GP
0	Uranium-238	- 7.3E-12±1.5E-11	UI	µCi/mL	GP
0	Yttrium-88	-1 .3E-09±2.9E-09	UI	µCi/mL	GP
0	Zinc-65	61E46*5.3E42	UI	µCi/mL	GP
0	Zirconium-95	-1 4E-09±4.0E-09	UI	µCi/mL	GP

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/95
Depth to water: 18.07 ft (5.51 m) below TOC
Water elevation: 237.23 ft (72.31 m) msl
Sp. conductance: 53 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling: 59 gal

Time: 1414
pH: 5.7
Alkalinity: 3 mg/L
Water temperature: 18.4°C
Air temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.6	J/Q/L	pH	GE
0	Specific conductance	51		µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
0	Antimony, total recoverable	<3.3		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Barium, total recoverable	<5.0		µg/L	GE
0	Benzene	<1.7		µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<17		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Bromodichloromethane	<1.7		µg/L	GE
0	Bromoform	<1.7		µg/L	GE
0	Bromomethane	<1.7		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	919		µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloride	4.200		µg/L	GE
0	Chloride	4,170		µg/L	GE
0	Chlorobenzene	<1.7		µg/L	GE
0	Chloroethane	<1.7		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.7		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
0	Chloromethane	<1.7		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Cobalt, total recoverable	<6.7		µg/L	GE
0	Copper, total recoverable	<6.7		µg/L	GE
0	Cyanide	<8.3	J/Q/L	µg/L	GE
0	Dibromochloromethane	<1.7		µg/L	GE
0	1,1-Dichloroethane	<1.7		µg/L	GE
0	1,2-Dichloroethane	<1.7		µg/L	GE
0	1,1-Dichloroethylene	<1.7		µg/L	GE
0	trans-1,2-Dichloroethylene	<1.7		µg/L	GE
0	Dichloromethane	<1.7		µg/L	GE
0	1,2-Dichloropropane	<1.7		µg/L	GE
0	cis-1,3-Dichloropropene	<1.7		µg/L	GE

WELL HSB133D collected on 01/17/95. laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	trans-1,3-Dichloropropene	<1.7		µg/L	GE
0	Ethylbenzene	<1.7		µg/L	GE
0	Fluoride	<50	N	µg/L	GE
0	Fluoride	<50	N	µg/L	GE
0	Iron, total recoverable	11		µg/L	GE
0	Lead, total recoverable	3.1	J/E	µg/L	GE
0	Lindane	<0.0084		µg/L	GE
0	Lithium, total recoverable	8.3		µg/L	GE
0	Magnesium, total recoverable	137		µg/L	GE
0	Manganese, total recoverable	2.9	J/E	µg/L	GE
0	Mercury, total recoverable	<0.33	J/I/L	µg/L	GE
0	Nickel, total recoverable	6.7		µg/L	GE
0	Nitrate-nitrite as nitrogen	293	J/C	µg/L	GE
0	Phenols	<8.3		µg/L	GE
0	Potassium, total recoverable	8.33		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	7.040	/I	µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	8.s60		µg/L	GE
0	Sulfate	4.210		µg/L	GE
0	Sulfate	4160		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.7		µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Tin, total recoverable	<3.3		µg/L	GE
0	Toluene	<1.7		µg/L	GE
0	Total dissolved solids	26.000		µg/L	GE
0	Total dissolved solids	31,000		µg/L	GE
0	Total organic carbon	1.660		µg/L	GE
2	Total organic halogens	104		µg/L	GE
0	Total phosphates (as P)	<83		µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	1,1,2-Trichloroethane	*1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Trichlorofluoromethane	<1.7		µg/L	GE
0	Vanadium, total recoverable	<13		µg/L	GE
0	Zinc, total recoverable	<3.3		µg/L	GE
0	Actinium-228	6.3E-09±7.9E-09	UI	µCi/mL	GP
0	Americium-241	1.7E-11±5.2E-11	UI	µCi/mL	GP
0	Antimony-124	- 2.5E-10±2.1E-09	UI	µCi/mL	GP
0	Antimony-125	3.6E-09±4.4E-09	UI	µCi/mL	GP
0	Barium-133	5.2E-11±2.1E-09	UI	µCi/mL	GP
0	Carbon-14	5.3E-09±6.8E-09	UI	µCi/mL	GP
0	Cerium-144	- 3.8E-09±1.3E-08	UI	µCi/mL	GP
0	Cesium-134	- 6.6E-10±1 .8E-09	UI	µCi/mL	GP
0	Cesium-137	5.3E-10±1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	- 5.8E-10±1.6E-09	UI	µCi/mL	GP
0	Cobalt-58	- 74E-I&2.2E.06	UI	µCi/mL	GP
0	Cobalt-60	- 4.9E-10±1.7E-09	UI	µCi/mL	GP
0	Curium-242	-6.1E-12±4.3E-11	UI	µCi/mL	GP
0	Curium-243/244	- 9.1E-11±7.5E-11	UI	µCi/mL	
0	Curium-245/246	12E-1 1±2.3E-11	UI	µCi/mL	GP
0	Europium-152	- 3.2E-09±4.8E-09	UI	µCi/mL	GP
0	Europium-154	6.3E-09±7.0E-09	UI	µCi/mL	GP
0	Europium-155	42E-11 ±6.7E-09	UI	µCi/mL	GP
0	Gross alpha	1 1E-09±6.2E-10		µCi/mL	GP
2	Iodine-129	1.2E-09±1.3E-09	UI	µCi/mL	GP
0	Lead-212	5.8E-09±6.3E-09	UI	µCi/mL	GP
0	Manganese-54	- 5.0E-10±1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	- 3.9E-09±1.1E-08	UI	µCi/mL	GP
0	Nonvolatile beta	24E-I&7 1E-10	UI	µCi/mL	GP
0	Plutonium-238	1.2E-09±4.5E-10		µCi/mL	GP
0	Plutonium-239/240	1.6E-11±7.0E-11	UI	µCi/mL	GP
0	Potassium-40	5.1E-08±3.3E-08		µCi/mL	GP
0	Promethium- 44	1.3E-10±1.7E-09	UI	µCi/mL	GP
0	Promethium-146	1.9E-09±2.1E-09	UI	µCi/mL	GP
0	Radium, total alpha-emitting	7.0E-10±4.0E-10		µCi/mL	GP
0	Radium-226	3.7E-10± 1. 1E-10	UI	µCi/mL	GP
0	Radium-228	- 2.4E-11±3.6E-10	UI	µCi/mL	GP
0	Ruthenium-106	6.3E-09±1 4E-08	UI	µCi/mL	GP
0	Sodium-22	- 2.6E-10±1.5E-09	UI	µCi/mL	GP
0	Strontium-89	3.3E-10±2.1E-10	UI	µCi/mL	GP
0	Strontium-90	1.2E-09±4.2E-10	UI	µCi/mL	GP
0	Technetium-99	- 74E436@.0E46	UI	µCi/mL	GP
0	Thorium-228	9.8E-11:2.3E-10	UI	µCi/mL	GP
0	Thorium-230	1.9E-10±2.7E-10	UI	µCi/mL	GP
0	Thorium-232	- 1.0E-10±6.8E-11	UI	µCi/mL	GP
0	Thorium-234	- 3.8E-08±9.0E-08	UI	µCi/mL	GP
0	Tin-1.13	-1 4E-10±2.1E-09	UI	µCi/mL	GP
2	Tritium	2.5E-05±9.8E-07		µCi/mL	GP
0	Uranium-233/234	8.1E-12±9.1E-11	UI	µCi/mL	GP
0	Uranium-235	-4 1E-11±3.2E-11	UI	µCi/mL	GP
0	Uranium-238	S. BE-1 1*1.5E.10	UI	µCi/mL	GP
0	Yttrium-88	- 1.3E-09±2.3E-09	UI	µCi/mL	GP
0	Zinc-65	5.4E-10±3.7E-09	UI	µCi/mL	GP
0	Zirconium-95	5.8E-10±3.2E-09	UI	µCi/mL	GP

ISB152D collected on 01/13/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Curium-245/246	0.0E+00	UI	µCi/mL	GP
0	Europium-152	-2.2E-09±4.8E-09	UI	µCi/mL	GP
0	Europium-154	-1.1E-09±8.1E-09	UI	µCi/mL	GP
0	Europium-155	6.5E-10±6.2E-09	UI	µCi/mL	GP
0	Gross alpha	1.6E-09±7.5E-10		µCi/mL	GP
2	Iodine-129	1.1E-09±6.6E-10	UI	µCi/mL	GP
0	Lead-212	5.6E-09±6.2E-09	UI	µCi/mL	GP
0	Manganese-54	-5.1E-10±1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	-5.9E-09±1.1E-08	UI	µCi/mL	GP
0	Nonvolatile beta	1.7E4W2E-10	UI	µCi/mL	GP
0	Plutonium-238	5.6E4~*a6s.11	UI	µCi/mL	GP
0	Plutonium-239/240	5.5E-1 I*S.OE.11	UI	µCi/mL	GP
0	Potassium-40	8.6E-09±2.0E-08	UI	µCi/mL	GP
0	Promethium-144	- S.2E-10I1.5E46	UI	µCi/mL	GP
0	Promethium-146	-3.9E-10±2.1E-09	UI	µCi/mL	GP
0	Radium, total alpha-emitting	1.4E-09±7.0E-10		µCi/mL	GP
0	Radium, total alpha-emitting	1.0E-09±6.0E-10		µCi/mL	GP
0	Radium-226	46E.1*1.3E.1O	UI	µCi/mL	GP
0	Radium-228	-3.6E-10±2.3E-10	UI	µCi/mL	GP
0	Ruthenium-106	9.3E-09±1.5E-08	UI	µCi/mL	GP
0	Sodium-22	1.7E-10±1.4E-09	UI	µCi/mL	GP
0	Strontium-89	-1 7E*3.OE.1O	UI	µCi/mL	GP
0	Strontium-90	2.2E-09±5.8E-10		µCi/mL	GP
0	Technetium-99	- 81E*7.1E46	UI	µCi/mL	GP
0	Technetium-99	-1 7E-08±7.4E-09	UI	µCi/mL	GP
0	Thorium-228	1.5E-10±1.6E-10	UI	µCi/mL	GP
0	Thorium-230	8.7E-10±3.7E-10	UI	µCi/mL	GP
0	Thorium-232	0.0E+00	UI	µCi/mL	GP
0	Thorium-234	9.6E-08±1.1E-07	UI	µCi/mL	GP
0	Tin-113	-4.8E-10±2.3E-09	UI	µCi/mL	GP
0	Total activity	5 5 E * I . 6 E a		µCi/mL	EM
2	Tritium	6.6E-05±1.5E-06		µCi/mL	GP
0	Uranium-233/234	6.6E-11±1.5E-10	UI	µCi/mL	GP
0	Uranium-235	- 9.6E-12*1.6E.11	UI	µCi/mL	GP
0	Uranium-238	6.6E-11±1.5E-10	UI	µCi/mL	GP
0	Yttrium-88	-1 1E-10±1.8E-09	UI	µCi/mL	GP
0	Zinc-65	- 46E-I&3.0E46	UI	µCi/mL	GP
0	Zirconium-95	-1.2E-09±3.2E-09	UI	µCi/mL	GP

WELL HSL ID

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/95 — Time: 9:43
Depth to water: 28.00 ft (8.53 m) below TOC — pH: 4.6
Water elevation 236.00 ft (71.3 m) msl — Alkalinity: 0 mg/L
Sp. conductance 60 µS/cm — Water temperature: 20.1°C
Turbidity 1 NTU — Air temperature: -1.2°C
Water evacuated before sampling 14 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	347		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Iron, total recoverable	11		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
1	Manganese, total recoverable	28		µg/L	GE
0	Mercury, total recoverable	0.27	J/E	µg/L	GE
0	Nitrate-nitrite as nitrogen	4.570		µg/L	GE
0	Nitrate-nitrite as nitrogen	4.210	/Y	µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Total organic carbon	<1.670	/V	µg/L	GE
0	Total organic carbon	<1.670	/VY	µg/L	GE
0	Total organic halogens	21	V/VY	µg/L	GE
1	Gross alpha	7.6E-09±1.6E-09		µCi/mL	GP
0	Nonvolatile beta	1.6E-08±1.8E-09		µCi/mL	GP
0	Total activity	94E4&2.3E		µCi/mL	EM
2	Tritium	9.7E-05±1.9E-06		µCi/mL	GP

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/95 — Time: 10:29
Depth to water: 23.15 ft (7.06 m) below TOC — pH: 5.5
Water elevation 242.35 ft (73.87 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 18.7°C
Turbidity: 1 NTU — Air temperature: 0.2°C
Water evacuated before sampling: 9 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	36		µg/L	GE
1	Aluminum, total recoverable	37		µg/L	GE
1	Barium, total recoverable	46	J/E	µg/L	GE
	Boron, total recoverable	<50		µg/L	GE
J	Iron, total recoverable	a l		µg/L	GE
0	Iron, total recoverable	8.2		µg/L	GE
0	Lead, total recoverable	3.3	J/E	µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE

WELL HSL 2D collected on 02/06/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Manganese, total recoverable	8.3		µg/L	GE
0	Manganese, total recoverable	8.4		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nickel, total recoverable	<6.7		µg/L	GE
0	Nitrate-nitrite as nitrogen	1.150	/Y	µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Total organic carbon	1.350	J/EY	µg/L	GE
2	Total organic halogens	126	J/QY/L	µg/L	GE
0	Gross alpha	8.5E-10±6.0E-10	UI	µCi/mL	GP
0	Nonvolatile beta	2.6E-09±9.7E-10		µCi/mL	GP
0	Total activity	1.0E-04±2.4E-06		µCi/mL	EM
2	Tritium	1.1E-04±2.1E-06		µCi/mL	GP

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/95 — Time: 840
Depth to water: 1663 ft (5.07 m below TOC — pH: 48
Water elevation 250.97 ft (76.50 m) msl — Alkalinity 2 mg/L
Sp. conductance 31 µS/cm — Water temperature 13.3°C
Turbidity 175 NTU — Air temperature 2.8°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	230		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Iron, total recoverable	35		µg/L	GE
0	Lead, total recoverable	<5.0	J/CI	µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Manganese, total recoverable	10		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	313		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Total organic carbon	<1,670		µg/L	GE
0	Total organic halogens	4.3	n	µg/L	GE
0	Total organic halogens	0 6.3	n	µg/L	GE
0	Gross alpha	1.5E-09±7.3E-10	J	µCi/mL	GP
0	Nonvolatile beta	1.1 E*7.7E-10	UI	µCi/mL	GP
2	Tritium	3.7E-05±8.4E-07		µCi/mL	GP

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/95 — Time: 11:25
Depth to water: 10.18 ft (3.10 m) below TOC — pH: 5.9
Water elevation 263.02 ft (80 17 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 93 µS/cm — Water temperature 4 * C
Turbidity: 1 NTU — Air temperature: 4.5°C
Water evacuated before sampling 10 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	<33		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Iron, total recoverable	<6.7		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Manganese, total recoverable	7.1		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	804		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Total organic carbon	3.000	V/V	µg/L	GE
0	Total organic halogens	15	V/V	µg/L	GE
0	Gross alpha	1.3E-09±8.7E-10		µCi/mL	GP
2	Nonvolatile beta	6.6E-08±3.4E-09		µCi/mL	GP
2	Tritium	3.5E-05±1.2E-06		µCi/mL	GP

WELL HSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/17/95 — Time: 9:19
Depth to water: 7.47 ft (2.28 m) below TOC — pH: 5.3
Water elevation: 269.13 ft (82.03 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 76 µS/cm — Water temperature: 17.9°C
Turbidity: 8 NTU — Air temperature: 16.1°C
Water evacuated before sampling: 12 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	36		µg/L	GE
1	Aluminum, total recoverable	38		µg/L	GE
0	Barium, total recoverable	61		µg/L	GE

WELL HSL 5D collected on 02/17/95 laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Boron, total recoverable	12	J/EV	µg/L	GE
0	Iron, total recoverable	19		µg/L	GE
0	Iron, total recoverable	19		µg/L	GE
0	Lead, total recoverable	<25		µg/L	GE
0	Lead, total recoverable	1.2	J/E	µg/L	GE
0	Lithium, total recoverable	<5.0		µg/L	GE
0	Lithium, total recoverable	<5.0		µg/L	GE
0	Manganese, total recoverable	15		µg/L	GE
0	Manganese, total recoverable	15		µg/L	GE
0	Mercury, total recoverable	<0.20		µg/L	GE
0	Nickel, total recoverable	<10		µg/L	GE
1	Nitrate-nitrite as nitrogen	5.010		µg/L	GE
0	Silver, total recoverable	<0.65		µg/L	GE
0	Silver, total recoverable	<0.65		µg/L	GE
0	Total organic carbon	923	J/E	µg/L	GE
0	Total organic halogens	<10	n	µg/L	GE
0	Gross alpha	2.6E-10±4.8E-10	UI	µCi/mL	GP
0	Nonvolatile beta	2.3E4&21E49		µCi/mL	GP
1	Tritium	1.7E-05±7.0E-07		µCi/mL	GP

WELL HSL 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/95
Depth to water 108.74 ft (33.14 m) below TOC
Water elevation 16606 ft (51.23 m) msl
Sp. conductance 60 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling: 25 gal

Time: 13:18
pH: 6.2
Alkalinity: 19 mg/L
Water temperature: 19.0°C
Air temperature: 3.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.1	J/QL	pH	GE
0	Specific conductance	70		µS/cm	GE
2	Aluminum, tam recoverable	120		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Banum, total recoverable	9.0		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	4.360		µg/L	GE
0	Chloride	2.440		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Fluoride	187		µg/L	GE
0	Iron, total recoverable	57		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Magnesium, total recoverable	459		µg/L	GE
1	Manganese, total recoverable	26		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	88		µg/L	GE
0	Potassium, total recoverable	<833		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	19.100		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	7.910		µg/L	GE
0	Sulfate	5.790		µg/L	GE
0	ota dissolved solids	66.000	/V	µg/L	GE
0	Total organic carbon	<1.670	J/C	µg/L	GE
0	Total organic halogens	13	V/V	µg/L	GE
0	Total phosphates (as P)	611		µg/L	GE
0	Actinium-228	4.1E-10±6.6E-09	UI	µCi/mL	GP
0	Antimony-124	1.2E-09±1.9E-09	UI	µCi/mL	GP
0	Antimony-125	2.6E-09±4.9E-09	UI	µCi/mL	GP
0	Banum-133	0.0E+00	UI	µCi/mL	GP
0	Cenum-144	-9.2E-10±1.2E-08	UI	µCi/mL	GP
0	Cesium-134	2.4E-10±1.6E-09	UI	µCi/mL	GP
0	Cesium-137	1.7E-10±1.5E-09	UI	µCi/mL	GP
0	Cobalt-57	1.8E-09±1.7E-09	UI	µCi/mL	GP
0	Cobalt-58	-4.9E-11±2.1E-09	UI	µCi/mL	GP
0	Cobalt-60	3.8E-10±1.7E-09	UI	µCi/mL	GP
0	Europium-152	1.0E-09±4.8E-09	UI	µCi/mL	GP
0	Europium-154	-1.3E-08±1.5E-08	UI	µCi/mL	GP
0	Europium-155	6.0E-09±6.8E-09	UI	µCi/mL	GP
0	Gross alpha	-1.2E-10±3.1E-10	UI	µCi/mL	GP
0	Lead-212	2.1E-09±5.9E-09	UI	µCi/mL	GP
0	Manganese-54	-3.6E-10±1.7E-09	UI	µCi/mL	GP
0	Neptunium-239	-2.9E-09±1.2E-08	UI	µCi/mL	GP
0	Nonvolatile beta	-2.0E-10±6.2E-10	UI	µCi/mL	GP
0	Potassium-40	1.3E-08±1.6E-08	UI	µCi/mL	GP
0	Promethium-144	-4.3E-10±1.8E-09	UI	µCi/mL	GP
0	Promethium-146	-2.5E-09±2.5E-09	UI	µCi/mL	GP
0	Ruthenium-106	4.7E-09±1.5E-08	UI	µCi/mL	GP
0	Sodium-22	2.8E-11±1.5E-09	UI	µCi/mL	GP
0	Thonium-234	2.9E-08±1.5E-07	UI	µCi/mL	GP
0	Tin-I 13	-5.3E-10±2.2E-09	UI	µCi/mL	GP
0	Tritium	-1.6E-07±3.6E-07	UI	µCi/mL	GP
0	Yttrium-88	-3.6E-10±1.7E-09	UI	µCi/mL	GP
0	Zinc-65	-1.1E-09±4.4E-09	UI	µCi/mL	GP
0	Zirconium-95	9.0E-10±3.2E-09	UI	µCi/mL	GP

WELL HSL 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/95
Depth to water 107.94 ft (32.90 m) below TOC
Water elevation 16676 ft (51.U m) msl
Sp. conductance 64 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling: 51 gal

Time 14:05
pH 6.6
Alkalinity: 20 mg/L
Water temperature 19.0°C
Air temperature 4.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.3	J/QL	pH	GE
0	Specific conductance	95		µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Banum, total recoverable	28		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	12.200		µg/L	GE
0	Chloride	1.600		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Fluoride	115		µg/L	GE
2	Iron, total recoverable	375		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lithium, total recoverable	15		µg/L	GE
0	Magnesium, total recoverable	511		µg/L	GE
2	Manganese, tota recoverable	55		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	<83		µg/L	GE
0	Potassium, total recoverable	1.210		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	24300		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	4.070		µg/L	GE
0	Sulfate	8.600		µg/L	GE
0	Total dissolved solids	65.000	/V	µg/L	GE
0	Total organic carbon	<1.670	J/C	µg/L	GE
0	Total organic halogens	5.0	JV/EV	µg/L	GE
0	Total phosphates (as P)	202		µg/L	GE
0	Actinium-228	2.7E-09±5.9E-09	UI	µCi/mL	GP
0	Antimony-124	-4.7E-10±2.2E-09	UI	µCi/mL	GP
0	Antimony-125	-1.1E-09±4.9E-09	UI	µCi/mL	GP
0	Banum-133	-8.3E-I&24E49	UI	µCi/mL	GP
0	Cenum-144	5.2E-09±1.1E-08	UI	µCi/mL	GP
0	Cesium-134	3.8E-10±1.7E-09	UI	µCi/mL	
0	Cesium-137	1.1E-09±1.7E-09	UI	µCi/m'	
0	Cobalt-57	1.2E-09±1.6E-09	UI	µCi/m	
0	Cobalt-58	-8.7E-10±1.9E-09	UI	µCi/mL	
0	Cobalt-60	1.0E-09±1.8E-09	UI	µCi/mL	GP
0	Euooiuw152	7.6E-10±4.7E-09	UI	µCi/mL	GP
0	Europium-154	4.2E-09±1.3E-08	UI	µCi/mL	GP
0	Europium-155	-7.1E-10±6.9E-09	UI	µCi/mL	GP
0	Gross alpha	2.2E-09±8.9E-10		µCi/mL	GP
0	Lead-212	0.0E+00	-UI	µCi/mL	GP
0	Manganese-54	-5.4E-10±1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	-1.3E-09±1.2E-08	UI	µCi/mL	GP
0	Nonvolatile beta	2.0E-09±8.8E-10		µCi/mL	GP
0	Potassium-40	1.6E-08±1.8E-08	UI	µCi/mL	GP
0	Promethium-144	9.6E-10±1.7E-09	UI	µCi/mL	GP
0	Promethium-146	7.9E-10±2.1E-09	UI	µCi/mL	GP
0	Ruthenium-106	4.1E-09±1.4E-08	UI	µCi/mL	GP
0	Sodium-22	1.6s-11±1.6E-09	UI	µCi/mL	GP
0	Thonum-234	6.2E-08±1.2E-07	UI	µCi/mL	GP
0	Tin-113	1.4E-I@24E.09	UI	µCi/mL	GP
0	Tritium	-7.3E-08±3.6E-07	UI	µCi/mL	GP
0	Tritium	-3.3E-07±3.5E-07	UI	µCi/mL	GP
0	Yttrium-88	1.4E-09±2.1E-09	UI	µCi/mL	GP
0	Zinc-65	3.9E-09±5.6E-09	UI	µCi/mL	GP
0	Zirconium-95	.8.5E-10±4.0E-09	UI	µCi/mL	GP

WELL HSL 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/06/95
Depth to water 81.71 ft (24.91 m) below TOC
Water elevation 195.39 ft (5656 m) msl
Sp. conductance 53 µS/cm
Turbidity: 4 NTU
Water evacuated before sampling 55 gal

Time: 15:15
pH: 6.0
Alkalinity: 13 mg/L
Water temperature 19.9°C
Air temperature: 5.2°C

LABORATORY ANALYSES

F	Analyte	Res	Mod	Unit	Lab
0	pH	58	J/QL	pH	GE
0	pH	58	J/QL	pH	GE
0	Specific conductance	60		µS/cm	GE
0	Specific conductance	61		µS/cm	GE
2	Aluminum, total recoverable	140		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Banum, total recoverable	68		µg/L	
0	Boron, total recoverable	<50		µg/L	

WELL HSL 6B collected on 02/08/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	5.660		µg/L	GE
0	Chloride	2.400		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Fluoride	483		µg/L	GE
0	Iron, total recoverable	41		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Magnesium, total recoverable	630		µg/L	GE
1	Manganese, total recoverable	34		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	63	J/E	µg/L	GE
0	Potassium, total recoverable	545	J/E	µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	32.100		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	4450		µg/L	GE
0	Sulfate	52s0		µg/L	GE
0	Total dissolved solids	86.000	/V	µg/L	GE
0	Total organic carbon	<1.670	N	µg/L	GE
0	Total organic halogens	13	V/V	µg/L	GE
0	Total phosphates (as P)	1.970		µg/L	GE
0	Actinium-228	6.3E-09±5.6E-09	UI	µCi/mL	GP
0	Antimony-124	1.9E-09±1.9E-09	UI	µCi/mL	GP
0	Antimony-125	-1.3E-09±4.7E-09	UI	µCi/mL	GP
0	Barium-133	-1.2E-09±2.2E-09	UI	µCi/mL	GP
0	Cerium-144	3.0E-09±1.1E-08	UI	µCi/mL	GP
0	Cesium-134	9.8E-10±1.5E-09	UI	µCi/mL	GP
0	Cesium-137	-9.9E-10±1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	-6.6E-11±1.5E-09	UI	µCi/mL	GP
0	Cobalt-58	.9.2E-10±1.7E-09	UI	µCi/mL	GP
0	Cobalt-60	1.6E-09±2.4E-09	UI	µCi/mL	GP
0	Europium-152	-1.4E-09±4.8E-09	UI	µCi/mL	GP
0	Europium-154	-4.9E-09±1.7E-08	UI	µCi/mL	GP
0	Europium-155	8.2E-09±9.3E-09	UI	µCi/mL	GP
0	Gross alpha	5.0E-11±4.2E-10	UI	µCi/mL	GP
0	Lead-212	4.6E-09±3.3E-09	UI	µCi/mL	GP
0	Manganese-54	-1.2E-09±1.7E-09	UI	µCi/mL	GP
0	Neptunium-239	51E4921 1E-08	UI	µCi/mL	GP
0	Nonvolatile beta	6.6E-11~6.6E-10	UI	µCi/mL	GP
0	Potassium-40	4.1E-08±3.6E-08		µCi/mL	GP
0	Promethium-144	-1.2E-09±1.6E-09	UI	µCi/mL	GP
0	Promethium-146	4.1E-10±2.2E-09	UI	µCi/mL	GP
0	Ruthenium-106	2.1E-09±1.6E-08	UI	µCi/mL	GP
0	Sodium-22	2.6E-09±1.9E-09	UI	µCi/mL	GP
0	Thorium-234	5.6E-08±1.1E-07	UI	µCi/mL	GP
0	Tin-113	-1.6E-09±2.3E-09	UI	µCi/mL	GP
0	Tritium	-3.0E47*34E47	UI	µCi/mL	GP
0	Yttrium-88	1.1E-09±2.1E-09	UI	µCi/mL	GP
0	Zinc-65	-3.5E-09±3.8E-09	UI	µCi/mL	GP
0	Zirconium-95	-1.9E-09±3.3E-09	UI	µCi/mL	GP

WELL HSL 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/95
Depth to water: 30.68 ft (9.35 m) below TOC
Water elevation: 246.02 ft (74.99 m) msl
Sp. conductance: 20 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling: 35 gal

Time: 9:58
pH: 5.6
Alkalinity: 2 mg/L
Water temperature: 19.7°C
Air temperature: 3.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	54	J/Q/L	pH	GE
0	Specific conductance	24		µS/cm	GE
1	Aluminum, total recoverable	27	J/E	µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Barium, total recoverable	<5.0		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	1.230		µg/L	GE
0	Chloride	2.820		µg/L	GE
0	Chloride	2.830		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Fluoride	37	J/E	µg/L	GE
0	Fluoride	33	J/E	µg/L	GE
0	Iron, total recoverable	<6.7		µg/L	GE
0	Lead, total recoverable	3.7	J/E	µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Magnesium, total recoverable	355		µg/L	GE
0	Manganese, total recoverable	14		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	329		µg/L	GE
0	Potassium, total recoverable	433		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	12.100		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	1720		µg/L	GE
0	Sulfate	<1.670		µg/L	GE
0	Sulfate	<1,s70		µg/L	GE
0	Total dissolved solids	40.000	N	µg/L	GE
2	Total organic carbon	<1.670		µg/L	GE
0	Total organic halogens	137	n	µg/L	GE
0	Total phosphates (as P)	72	J/E	µg/L	GE

WELL HSL 6C collected on 02/07/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Actinium-228	3.2E-09±8.0E-09	UI	µCi/mL	GP
0	Antimony-124	5.4E-10±1.8E-09	UI	µCi/mL	GP
0	Antimony-125	1.9E-09±4.1E-09	UI	µCi/mL	GP
0	Barium-133	- 1.5E-1&24E49	UI	µCi/mL	GP
0	Cerium-144	-1.5E-09±1.2E-08	UI	µCi/mL	GP
0	Cesium-134	-2.4E-09±1.6E-09	UI	µCi/mL	GP
0	Cesium-137	-1.5E-10±1.6E-09	UI	µCi/mL	GP
0	Cobalt-57	3.6E-10±1.5E-09	UI	µCi/mL	GP
0	Cobalt-58	8.1 E-10* 1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	0.0E+00	UI	µCi/mL	GP
0	Europium-152	- 44E4&4,7E46	UI	µCi/mL	GP
0	Europium-154	0.0E+00	UI	µCi/mL	GP
0	Europium-155	-8.5E-10±6.9E-09	UI	µCi/mL	GP
0	Gross alpha	7.0E-10±4.9E-10	J	µCi/mL	GP
0	Lead-212	0.0E+00	UI	µCi/mL	GP
0	Manganese-54	-6.2E-10±1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	1.2E-08±1.2E-08	UI	µCi/mL	GP
0	Nonvolatile beta	1.6E-09±8.4E-10	UI	µCi/mL	GP
0	Potassium-40	5.3E-09±1.9E-08	UI	µCi/mL	GP
0	Promethium-144	3.1E-10±1.7E-09	UI	µCi/mL	GP
0	Promethium-146	1.6E-09±2.1E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 34E-I& 1.4E-08	UI	µCi/mL	GP
0	Sodium-22	-2.9E-10±1.7E-09	UI	µCi/mL	GP
0	Thorium-234	3.8E-08±7.3E-08	UI	µCi/mL	GP
0	Tin-113	1.9E-11±2.2E-09	UI	µCi/mL	GP
0	Tritium	-5.6E-08±3.6E-07	UI	µCi/mL	GP
0	Yttrium-88	4.9E-10±1.5E-09	UI	µCi/mL	GP
0	Zinc-65	8.3E-10±4.8E-09	UI	µCi/mL	GP
0	Zirconium-95	5.OE-10*3.3E4KI	UI	µCi/mL	GP

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample m: 02/07/95
Depth to water: 19.41 ft (5.92 m) below TOC
Water elevation: 260.59 ft (79.43
Sp. conductance: 96 µS/cm m) msl
Turbidity: 125 NTU
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 1014
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 15.4°C
Air temperature: 5.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	5.090		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
2	Iron, total recoverable	772		µg/L	GE
0	Lead, total recoverable	5.2	J/cl	µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
2	Manganese, total recoverable	119		µg/L	GE
0	Mercury, total recoverable	0.s2		µg/L	GE
0	Nitrate-nitrite as nitrogen	1.210		µg/L	GE
0	Nitrate-nitrite as nitrogen	1.210		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	2.590		µg/L	GE
0	Total organic carbon	1.100	J/E	µg/L	GE
0	Total organic halogens	<8.3	/I	µg/L	GE
0	Actinium-228	1.5E-09±6.2E-09	UI	µCi/mL	GP
0	Antimony-124	3.7E-10±1.8E-09	UI	µCi/mL	GP
0	Antimony-125	1.6E-09±4.8E-09	UI	µCi/mL	GP
0	Barium-133	-6.7E-10±2.3E-09	UI	µCi/mL	GP
0	Cerium-144	-2.6E-09±1.1E-08	UI	µCi/mL	GP
0	Cesium-134	2.2E-10±1.5E-09	UI	µCi/mL	GP
0	Cesium-137	-6.2E-10±1.8E-09	UI	µCi/mL	GP
0	Cobalt-57	4.9E-10±1.5E-09	UI	µCi/mL	GP
0	Cobalt-58	1.7E-10±1.7E-09	UI	µCi/mL	GP
0	Cobalt-60	3.4E-09±2.4E-09	UI	µCi/mL	GP
0	Europium-152	8.5E-10±5.0E-09	UI	µCi/mL	GP
0	Europium-154	6.0E-10±1.5E-08	UI	µCi/mL	GP
0	Europium-155	4.9E-09±8.6E-09	UI	µCi/mL	GP
1	Gross alpha	9.0E-09±1.9E-09	J	µCi/mL	GP
0	Lead-212	1.9E-09±5.4E-09	UI	µCi/mL	GP
0	Manganese-54	-4.2E-10±1.7E-09	UI	µCi/mL	GP
0	Neptunium-239	-1.4E-09±1.1E-08	UI	µCi/mL	GP
2	Nonvolatile beta	1.3E-07±4.7E-09		µCi/mL	GP
0	Potassium-40	7.8E-09±2.7E-08	UI	µCi/mL	GP
0	Promethium-144	1.7E-09±1.2E-09	UI	µCi/mL	GP
0	Promethium-146	-6.8E-10±2.3E-09	UI	µCi/mL	GP
0	Ruthenium-106	8.5E-09±1.7E-08	UI	µCi/mL	GP
0	Sodium-22	7.8E-10±1.9E-09	UI	µCi/mL	GP
0	Thorium-234	3.5E-08±7.9E-08	UI	µCi/mL	GP
0	Tin-113	-1.6E-09±2.3E-09	UI	µCi/mL	GP
2	Tritium	4.9E-05±1.0E-06		µCi/mL	GP
0	Yttrium-88	-5.9E-10±1.9E-09	UI	µCi/mL	GP
0	Zinc-65	-1.7E-09±3.6E-09	UI	µCi/mL	GP
0	Zirconium-95	-1.5E-09±3.1E-09	UI	µCi/mL	GP

WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

- - 02/07/95 Time 8:59
Depth to water: 23.70 ft (7.22 m) below TOC pH 4 7
elevation 260 10 ft (79.28 m) msl Alkalinity 1mg/L
Sp conductar 55 µS/cm Water temperature 137*C
Turbidity 579 NTU Air temperature: 3.6°C
Water evacuated before sampling 4 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	614		µg/L	GE
0	Banum total recoverable	32		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Iron, total recoverable	81		µg/L	GE
1	Lead, total recoverable	40	J/E	µg/L	GE
0	Lead, total recoverable	3.3	J/CEI	µg/L	GE
0	Lithum, total recoverable	<8.3		µg/L	GE
1	Manganese, total recoverable	46		µg/L	GE
1	Manganese, total recoverable	43		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nickel, total recoverable	<25		µg/L	GE
0	Nitrate-nitrite as nitrogen	3.720	/I	µg/L	GE
0	Silver, total recoverable	<25		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Total organic carbon	<1.670		µg/L	GE
1	Total organic halogens		/I	µg/L	GE
0	Gross alpha	?7E~94E-10	J	µCi/mL	GP
0	Nonvolatile beta	3.1E-09±1.0E-09		µCi/mL	GP
2	Tntium	44E45@.3Em		µCi/mL	GP

WELL HSL" 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/07/95 Time 13:17
Depth to water 115.85 ft (35.31 m) below TOC pH: 6.4
Water elevation 172.65 ft (52.62 m) msl Alkalinity: 26 mg/L
Sp conductance 71 µS/cm Water temperature: 20.3°C
Turbidity 1 NTU Air temperature: 9.1°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.4	J/QJL	pH	GE
0	Specific conductance	86		µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
0	Aluminum, total recoverable	<33		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Banum, total recoverable	63		µg/L	GE
0	Banum, total recoverable	62		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Cadmium total recoverable	<3.3		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	20.900		µg/L	GE
0	Calcium, total recoverable	20.900		µg/L	GE
0	Chlonde	2.560		µg/L	GE
0	Chlonde	2.720		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Fluonde	115		µg/L	GE
0	Fluonde	119		µg/L	GE
0	Iron, total recoverable	12		µg/L	GE
0	Iron, total recoverable	13		µg/L	GE
0	Lead, total recoverable	<25		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lithum, total recoverable	12		µg/L	GE
0	Lithum, total recoverable	11		µg/L	GE
0	Magnesium, total recoverable	522		µg/L	GE
0	Magnesium, total recoverable	519		µg/L	GE
0	Manganese, total recoverable	15		µg/L	GE
0	Manganese, total recoverable	15		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nickel, total recoverable	<6.7		µg/L	GE
0	Nitrate-nitrite as nitrogen	117		µg/L	GE
0	Potassium, total recoverable	1.420		µg/L	GE
0	Potassium, total recoverable	1,430		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	26.600		µg/L	GE
0	Silica, total recoverable	26.800		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	2.560		µg/L	GE
0	Sodium, total recoverable	2.580		µg/L	GE
0	ŞSulfate	2.510		µg/L	GE
0	ŞSulfate	2.530		µg/L	GE
0	Total dissolved solids	9i .000	N	µg/L	GE
0	Total organic carbon	<1.670		µg/L	GE
0	Total organic halogens	20	n	µg/L	GE
0	Total phosphates (as P)	681		µg/L	GE
0	Actinium-228	0.0E+00	UI	µCi/mL	GP
0	Antimony-124	- 1.0E-09±2.0E-09	UI	µCi/mL	GP
0	Antimony-125	- 2.1E-09±4.5E-09	UI	µCi/mL	GP

WELL HSL 8A collected on 02/07/95. laboratory analyses (cont.)

F	Analyt	Result	Mod	Unit	
0	Banum-133	- 9.2E-10±2.3E-09	UI	µCi/mL	G.
0	Cenum-144	5.0E-09±1.2E-08	UI	µCi/mL	GP
0	Cesium-134	- 1.6E-09±1.8E-09	UI	µCi/mL	GP
0	Cesium-137	2.8E-10±1.8E-09	UI	µCi/mL	GP
0	Cobalt-57	- 3.5E-10±14E-09	UI	µCi/mL	GP
0	Cobalt-58	8.9E-10±2.0E-09	UI	µCi/mL	GP
0	Cobalt-60	O . 0E+00	UI	µCi/mL	GP
0	Europium-152	- 6.2E-IC&47E&J	UI	µCi/mL	GP
0	Europium-154	1.2E-08±1.5E-08	UI	µCi/mL	GP
0	Europium-155	2.8E-09±6.3E-09	UI	µCi/mL	GP
0	Gross alpha	7.7E-10±4.1E-10	J	µCi/mL	GP
0	Lead-212	0.0E+00	UI	µCi/mL	GP
0	Manganese-54	- 6.3E-10± 1.9E-09	UI	µCi/mL	GP
0	Neptunium-239	- 3.0E-09±1.0E-08	UI	µCi/mL	GP
0	Nonvolatile beta	1.8E49*6.3E-10		µCi/mL	GP
0	Potassium-40	9.3E-10±1.8E-08	UI	µCi/mL	GP
0	Promethium-144	3.4E-10±1.8E-09	UI	µCi/mL	GP
0	Promethium-146	1 1E-09±2 1E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 94E+I 4E-08	UI	µCi/mL	GP
0	Sodium-22	- 34 E-10*1 7E-09	UI	µCi/mL	GP
0	Thonium-234	1 1E-08+8 9E-08	UI	µCi/mL	GP
0	T*113	- 86E-IO;2.2E4)9	UI	µCi/mL	GP
0	Tntium	1.0E-07±3.7E-07	UI	µCi/mL	GP
0	Yttnum-88	1.1E-09±3 1E-09	UI	µCi/mL	GP
0	Zinc-65	- 5.5E-11±41E-09	UI	µCi/mL	GP
0	Zirconium-95	- 2.1E4S234E-	UI	µCi/mL	GP

WELL HSL 8AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/95 Time 13.33
Depth to water 112.83 ft (34.39 m) below TOC pH 12.9
Water elevation: 175.97 ft (6364 m) msl Alkalinity: 1814 mg/L
Sp. conductance: 4670 µS/cm Water temperature 186*C
Turbidity: 2 NTU Au temperature 10.2*C
Water evacuated before sampling 16 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	pH	12	J/QY/L	pH	GE
2	Specific conductance	7.190	/Y	µS/cm	G
2	Aluminum, w recoverable	656		µg/L	G
0	Arsenic, total recoverable	<3.3		µg/L	G
0	Banum ,total recoverable	160		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Cadmium, total recoverable	<33		µg/L	GE
0	Calcium, total recoverable	671.000		µg/L	GE
0	Chlonde	297	J/EY	µg/L	GE
0	Chromium, total recoverable	<67		µg/L	GE
0	Fluonde	<500	/Y	µg/L	GE
0	Iron, total recoverable	49	J/E	µg/L	GE
2	Lead, total recoverable	85	J/CI	µg/L	GE
0	Lithum, total recoverable	<83		µg/L	GE
0	Magnesium, total recoverable	<33		µg/L	GE
0	Manganese, total recoverable	<33		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	<83	/Y	µg/L	GE
0	Potassium, tots recoverable	<8.330		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, teal recoverable	<167		µg/L	GE
0	Silver, total recoverable	<33		µg/L	GE
0	Sodium, total recoverable	3.460		µg/L	GE
0	Sulfate	1.800	/Y	µg/L	GE
0	Total dissolved solids	1.6E+06	/Y	µg/L	GE
0	Total dissolved solids	1.5E+06	/YY	µg/L	GE
0	Total organic carbon	<1,670	/Y	µg/L	GE
0	Total organic halogens	5.5	J/EY	µg/L	GE
0	Total phosphates (as P)	<83	/Y	µg/L	GE
0	Actinium-228	K1E46264E48	UI	µCi/mL	GP
0	Actinium-228	5.6E-09±5.7E-09	UI	µCi/mL	GP
0	Antimony-124	- 2.1E-11±2.2E-09	UI	µCi/mL	GP
0	Antimony-124	- 2.4E-09±2.5E-09	UI	µCi/mL	GP
0	Antimony-125	1.8E-09±4.3E-09	UI	µCi/mL	GP
0	Antimony-125	- 2.6E-09±4.4E-09	UI	µCi/mL	GP
0	Banum-133	7.6E-10±2.4E-09	UI	µCi/mL	GP
0	Banum-133	9.0E-10±2.1E-09	UI	µCi/mL	GP
0	Cenum-144	3.7E-09±1.2E-08	UI	µCi/mL	GP
0	Cenum-144	6.6E-11±1.2E-08	UI	µCi/mL	GP
0	Cesium-134	3.5E-10±2.1E-09	UI	µCi/mL	GP
0	Cesium-134	2.5E-09±1.7E-09	UI	µCi/mL	GP
0	Cesium-137	-1 .7E-10±1.7E-09	UI	µCi/mL	GP
0	- - 1 3 7	5.1E-10±1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	- 64E-1~1 .6E-09	UI	µCi/mL	GP
0	Cobalt-57	3.6E-11±1.5E-09	UI	µCi/mL	GP
0	Cobalt-58	5.3E-10±1.8E-09	UI	µCi/mL	GP
0	Cobalt-58	1 .0E-11±1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	- 5.0E-10±1.8E-09	UI	µCi/mL	GP
0	Cobalt-60	2.4E-09±1.8E-09	UI	µCi/mL	GP
0	Europium-152	4.7E-10±5.1E-09	UI	µCi/mL	GP
0	Europium-152	- 24E4&4.6E48	UI	µCi/mL	GP
0	Europium-154	- 1.2E-09±1.6E-08	UI	µCi/mL	GP
0	Europium-154	- 4.3E-09±1.4E-08	UI	µCi/mL	GP
0	Europium-155	1.8E-09±6.5E-09	UI	µCi/mL	GF
0	Europium-155	- 2.8E-09±6.3E-09	UI	µCi/mL	GP
0	Gross alpha	8.7E-10±1.5E-09	UJI	µCi/mL	GP

WELL HSL 8AA collected on 02/07/95. laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Lead-212	5 1E-10*5.3E43	UI	µCi/mL	GP
0	Lead-212	4.9E-09±6.8E-09	UI	µCi/mL	GP
0	Manganese-54	-1 .3E-09±1 .9E-09	UI	µCi/mL	GP
0	Manganese-54	- 2.5E-09±2.0E-09	UI	µCi/mL	GP
0	Neptunium-239	-5.2E-09±1.2E-08	UI	µCi/mL	GP
0	Neptunium-239	7.8E-09±1.1E-08	UI	µCi/mL	GP
0	Nonvolatile beta	1 1E-09±1.1E-09	UI	µCi/mL	GP
0	Potassium-40	5.8E-09±3.9E-08	UI	µCi/mL	GP
0	Potassium-40	3 4 E + 2 . 3 E	UI	µCi/mL	GP
0	Promethium-144	2.2E-09±1.6E-09	UI	µCi/mL	GP
0	Promethium-144	1.3E-10±1.7E-09	UI	µCi/mL	GP
0	Promethium-146	- 8.3E-10±2.1E-09	UI	µCi/mL	GP
0	Promethium-146	9.6E-11±2.1E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 3.9E-09±1.6E-08	UI	µCi/mL	GP
0	Ruthenium-106	54E4& 1.6E-08	UI	µCi/mL	GP
0	Sodium-22	1.2E-09±1.9E-09	UI	µCi/mL	GP
0	Sodium-22	5.5E-10±1.3E-09	UI	µCi/mL	GP
0	Thonium-234	6.0E-08±8.6E-08	UI	µCi/mL	GP
0	Thonium-234	9.8E-09±1 .0E-07	UI	µCi/mL	GP
0	Ttn-113	- 1.8E-09±2.2E-09	UI	µCi/mL	GP
0	Tin-I 13	24E-I&2.2E49	UI	µCi/mL	GP
0	Tritium	1 4E-06±4.6E-07		µCi/mL	GP
0	Yttrium-88	3.2E-09±4.2E-09	UI	µCi/mL	GP
0	Yttrium-88	-1 .0E-09±1.9E-09	UI	µCi/mL	GP
0	Zinc-65	-1 5E-1~36E46	UI	µCi/mL	GP
0	Zinc-65	1 .4E-09±3.4E-09	UI	µCi/mL	GP
0	Zirconium-95	-1 .9E-09±3.3E-09	UI	µCi/mL	GP
0	Zirconium-95	- 1.2E-09±3.2E-09	UI	µCi/mL	GP

WELL HSL 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/95
Depth to water: 38 71 ft (11.80 m) below TOC
Water elevation: 249 99 ft (76.20 m) msl
Sp. conductance: 122 µS/cm
Turbidity: 15 NTU
Water evacuated before sampling: 49 gal

Time: 12:54
pH: 7.3
Alkalinity: 60 mg/L
Water temperature: 20.3°C
Air temperature: 9.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
	pH	70	J/O/L	pH	GE
U	Specific conductance	137		µS/cm	GE
2	Aluminum, total recoverable	112		µg/L	GE
2	Aluminum, total recoverable	113		µg/L	GE
0	Arsenic, total recoverable	3.6		µg/L	GE
0	Arsenic, total recoverable	31	J/E	µg/L	GE
0	Barium, total recoverable	56		µg/L	GE
0	Barium, total recoverable	57		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	44.500		µg/L	GE
0	Calcium, total recoverable	44.900		µg/L	GE
0	Chloride	3.150		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Fluoride	276		µg/L	GE
2	Iron, total recoverable	1.660		µg/L	GE
2	Iron, total recoverable	1.900		µg/L	GE
0	Lead, total recoverable	<25	N	µg/L	GE
0	Lead, total recoverable	38	J/E	µg/L	GE
0	Lead, total recoverable	3.8	J/E	µg/L	GE
1	Lithium, total recoverable	33		µg/L	GE
1	Lithium, total recoverable	33		µg/L	GE
0	Magnesium, total recoverable	746		µg/L	GE
2	Magnesium, total recoverable	759		µg/L	GE
2	Manganese, total recoverable	498		µg/L	GE
0	Manganese, total recoverable	504		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nickel, total recoverable	5.1	J/E	µg/L	GE
0	Nitrate-nitrite as nitrogen	<83		µg/L	GE
0	Potassium, total recoverable	3440		µg/L	GE
0	Potassium, total recoverable	3.560		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	36.500		µg/L	GE
0	Silica, total recoverable	36.600		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	13.600		µg/L	GE
0	Sodium, total recoverable	13.800		µg/L	GE
0	Sulfate	<1,670		µg/L	GE
0	Total dissolved solids	126.000	N	µg/L	GE
0	Total organic carbon	1.790		µg/L	GE
0	Total organic halogens	<8.3	n	µg/L	GE
0	Total phosphates (as P)	545		µg/L	GE
0	Actinium-228	5.7E-09±1.2E-08	UI	µCi/mL	GP
0	Antimony-124	3.1E-10±2.0E-09	UI	µCi/mL	GP
0	Antimony-125	3.6E-10±4.5E-09	UI	µCi/mL	GP
0	Barium-133	- 1.4E-09±2.2E-09	UI	µCi/mL	GP
0	Cerium-144	2.3E-09±1.3E-08	UI	µCi/mL	GP
0	Cesium-134	- 9.3E-10±1.7E-09	UI	µCi/m	GP
0	Cesium-137	9.2E-10±1.8E-09	UI	µCi/m	GP
	Cobalt-57	2.0E-10±1.6E-09	UI	µCi/m	GP

WELL HSL 8B collected on 02/07/95. laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Cobalt-58	- 3.9E-10± 1 .8E-09	UI	µCi/mL	GP
0	Cobalt-60	2.9E-09±1.6E-09	UI	µCi/mL	GP
0	Europium-152	- 9.9E-10±5.2E-09	UI	µCi/mL	GP
0	Europium-154	6.2E-09±1.7E-08	UI	µCi/mL	GP
0	Europium-155	5.0E-09±6.8E-09	UI	µCi/mL	GP
0	Gross alpha	1 1E-09±5.9E-10	J	µCi/mL	GP
0	Lead-212	1.5E-09±5.9E-09	UI	µCi/mL	GP
0	Manganese-54	- 5.4E-11±1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	0.0E+00	UI	µCi/mL	GP
0	Nonvolatile beta	2.9E-09±7.3E-10		µCi/mL	GP
0	Potassium-40	1.0E-08±2.6E-08	UI	µCi/mL	GP
0	Promethium-144	3.0E-09±2.0E-09	UI	µCi/mL	GP
0	Promethium-146	8.2E-10±2 1E-09	UI	µCi/mL	GP
0	Ruthenium- 06	- 34E-1~1 .6E-08	UI	µCi/mL	GP
0	Sodium-22	- 5.6E-10± 1.6E-09	UI	µCi/mL	GP
0	Thonium-234	1.5E-07±8.6E-08	UI	µCi/mL	GP
0	Tin-I 13	1.9E-09±2.3E-09	UI	µCi/mL	GP
0	Tritium	3.5E-06±5.1E-07		µCi/mL	GP
0	Yttrium-88	2.1E-09±1.8E-09	UI	µCi/m	GP
0	Zinc-65	- 9.6E-I@34E&I	UI	µCi/mL	GP
0	Zirconium-95	-1 .3E-09±3.5E-09	UI	µCi/mL	GP

WELL HSL 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/95
Depth to water: 37.43 ft (11.41 m) below TOC
Water elevation: 251.27 ft (76.59 m) msl
Sp. conductance: 955 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling: 36 gal

Time: 11:53
pH: 12.1
Alkalinity: 265 mg/L
Water temperature: 20.7°C
Air temperature: 7.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	pH	12	J/O/L	pH	GE
2	pH	12	J/O/L	pH	GE
2	Specific conductance	1,150		µS/cm	GE
2	Aluminum, total recoverable	5.740		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Arsenic, total recoverable	4.3		µg/L	GE
0	Barium, total recoverable	186		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	64.800		µg/L	GE
0	Chloride	1.980		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Fluoride	256		µg/L	GE
0	Iron, total recoverable	97		µg/L	GE
0	Lead, total recoverable	<5.0	J/CI	µg/L	GE
0	Lead, total recoverable	<5.0	J/CI	µg/L	GE
1	Lithium, total recoverable	44		µg/L	GE
0	Magnesium, total recoverable	35		µg/L	GE
1	Manganese, total recoverable	42		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Nitrate-nitrite as nitrogen	113		µg/L	GE
0	Potassium, total recoverable	5.230		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	3.930		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	16.100		µg/L	GE
0	Sulfate	2.130		µg/L	GE
0	Total dissolved solids	288.000	/V	µg/L	GE
0	Total organic carbon	1.560	J/E	µg/L	GE
0	Total organic halogens	21	n	µg/L	GE
0	Total phosphates (as P)	<83		µg/L	GE
0	Total phosphates (as P)	<83		µg/L	GE
0	Actinium-228	4.3E-09±5.6E-09	UI	µCi/mL	GP
0	Antimony-124	- 4.2E-10±1.7E-09	UI	µCi/mL	GP
0	Antimony-125	- 4.6E-10±4.9E-09	UI	µCi/mL	GP
0	Barium-133	- 1.4E-09±2.4E-09	UI	µCi/mL	GP
0	Cerium-144	1.5E-09±1.1E-08	UI	µCi/mL	GP
0	Cesium-134	1.7E-09±1.9E-09	UI	µCi/mL	GP
0	Cesium-137	- 4.5E-10±1.6E-09	UI	µCi/mL	GP
0	Cobalt-57	1.5E-09±1.5E-09	UI	µCi/mL	GP
0	Cobalt-58	- 4.4E-10±2.0E-09	UI	µCi/mL	GP
0	Cobalt-60	1.0E-09±1.7E-09	UI	µCi/mL	GP
0	Europium-152	- 2.6E-09±5.2E-09	UI	µCi/mL	GP
0	Europium-154	5.5E-11±1.5E-08	UI	µCi/mL	GP
0	Europium-155	- 2.9E-09±6.7E-09	UI	µCi/mL	GP
0	Gross alpha	2.9E-09±1.1E-09	J	µCi/mL	GP
0	Lead-212	4.7E-09±3.4E-09	UI	µCi/mL	GP
0	Manganese-54	1.9E-10±1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	- 3.2E-09±1.1E-08	UI	µCi/mL	GP
0	Nonvolatile beta	4.8E-09±8.0E-10		µCi/mL	GP
0	Potassium-40	6.1E-09±2.8E-08	UI	µCi/mL	GP
0	Promethium-144	- 8.0E-10± 1.6E-09	UI	µCi/mL	GP
0	Promethium-146	4.6E-10±2.1E-09	UI	µCi/mL	GP
0	Ruthenium-106	8.2E-09±1.5E-08	UI	µCi/mL	GP
0	Sodium-22	- 2.4E-10±1.9E-09	UI	µCi/mL	GP
0	Thonium-234	9.0E-08±1.1E-07	UI	µCi/mL	GP
0	Tin-113	- 1.3E-09±2.4E-09	UI	µCi/mL	GP
2	Tritium	2.9E-05±1.1E-06		µCi/mL	GP
2	Tritium	2.9E-05±1.1E-06		µCi/mL	GP
0	Yttrium-88	- 1.8E-09±2.0E-09	UI	µCi/mL	GP

WELL HSL 8C collected on 02/07/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Zinc-65	1 7E@9:37E49	UI	µCi/mL	GP
0	Zirconium-95	- 2.1 E-09±3.0E-09	UI	µCi/mL	GP

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/95
Depth to water: 27.62 ft (8.42 m) below TOC
Water elevation: 261.08 ft (79.58 m) msl
Sp. conductance: 169 µS/cm
Turbidity: 30 NTU
Water evacuated before sampling: 2 gal
The well went dry during purging

Time: 10:45
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 15.8°C
Air temperature: 5.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	450		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Iron, total recoverable	74		µg/L	GE
2	Lead, total recoverable	222		µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Manganese, total recoverable	9.2		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
2	Nitrate-nitrite as nitrogen	17,300	/Y	µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	34,100		µg/L	GE
0	Total organic carbon	<1,670	/Y	µg/L	GE
1	Total organic halogens	26	J/QY/L	µg/L	GE
0	Actinium-228	3.7E-10±1.1E-08	UI	µCi/mL	GP
0	Antimony-124	- 1.8E-09±3.3E-09	UI	µCi/mL	GP
0	Antimony-125	- 1.9E-09±5.2E-09	UI	µCi/mL	GP
0	Barium-133	9.7E-11±2.4E-09	UI	µCi/mL	GP
0	Cerium-144	2.4E-08±1.9E-08		µCi/mL	GP
0	Cesium-134	9.5E-10±1.9E-09	UI	µCi/mL	GP
0	Cesium-137	2.1E-10±2.1E-09	UI	µCi/mL	GP
0	Cobalt-57	2.5E-09±2.4E-09	UI	µCi/mL	GP
0	Cobalt-58	5.4E-10±2.1E-09	UI	µCi/mL	GP
0	Cobalt-60	1.6E-09±2.0E-09	UI	µCi/mL	GP
0	Europium-152	- 4.8E-09±5.6E-09	UI	µCi/mL	GP
0	Europium-154	6.6E-09±1.7E-08	UI	µCi/mL	GP
0	Europium-155	- 1.8E-09±7.7E-09	UI	µCi/mL	GP
0	Gross alpha	3.0E-09±1.2E-09		µCi/mL	GP
0	Lead-212	3.7E-09±6.2E-09	UI	µCi/mL	GP
0	Manganese-54	6.8E-10±1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	- 5.6E-09±1.4E-08	UI	µCi/mL	GP
1	Nonvolatile beta	3.3E-09±2.5E-09	J	µCi/mL	GP
0	Potassium-40	3.8E-08±2.2E-08	UI	µCi/mL	GP
0	Promethium-144	1.2E-10±2.0E-09	UI	µCi/mL	GP
0	Promethium-146	- 1.4E-09±2.4E-09	UI	µCi/mL	GP
0	Ruthenium-106	5.4E-10±1.7E-08	UI	µCi/mL	GP
0	Sodium-22	- 9.0E-10±2.1E-09	UI	µCi/mL	GP
0	Thorium-234	1.6E-07±9.3E-08	UI	µCi/mL	GP
0	Tin-I 13	6.3E-09±5.3E-09		µCi/mL	GP
2	Tritium	2.5E-03±4.7E-05		µCi/mL	GP
0	Yttrium-88	5.4E-10±2.4E-09	UI	µCi/mL	GP
0	Zinc-65	4.2E-09±3 1E-09	UI	µCi/mL	GP
0	Zirconium-95	- 2.0E-09±4.3E-09	UI	µCi/mL	GP

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample m 01/06/95
Depth to water 41.46 ft (12.64 m) below TOC
Water elevation 268.64 ft (81.88 m) msl
Sp. conductance 33 µS/cm
Turbidity 53 NTU
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 12:37
pH: 5.4
Alkalinity: 4 mg/L
Water temperature: 17.7°C
Air temperature: 15.2°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	J/Q	pH	WA
0	Specific conductance	27	N	µS/cm	WA
2	Aluminum, total recoverable	339		µg/L	WA
2	Aluminum, total recoverable	334		µg/L	WA
0	Cadmium, total recoverable	<4.7	N	µg/L	WA
0	Cadmium, total recoverable	<4.7	/V	µg/L	WA
0	Calcium, total recoverable	1.160	N	µg/L	WA
0	Calcium, total recoverable	1.160	N	µg/L	WA
0	Chloride	2.160	J/E	µg/L	WA
0	Copper, total recoverable	66		µg/L	WA
0	Copper, total recoverable	64		µg/L	WA
1	Iron, total recoverable	152		µg/L	WA
1	Iron, total recoverable	164		µg/L	WA
0	Lead, total recoverable	14	V/V	µg/L	WA
0	Lead, total recoverable	16	V/V	µg/L	WA
0	Magnesium, total recoverable	541	/V	µg/L	WA
0	Magnesium, total recoverable	543	N	µg/L	WA
0	Manganese, total recoverable	7.2		µg/L	WA
0	Manganese, total recoverable	7.9		µg/L	WA
0	Nickel, total recoverable	2.0	J/EX/P	µg/L	WA
0	Nickel, total recoverable	26	J/X/P	µg/L	WA

WELL HSS 10 collected on 01/06/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Nitrate as nitrogen	1,080		µg/L	WA
0	Nitrite as nitrogen	<20	J/Q	µg/L	WA
0	Potassium, total recoverable	1,090		µg/L	WA
0	Potassium, total recoverable	1,090		µg/L	WA
0	Silica, total recoverable	11,600	/V	µg/L	WA
0	Silica, total recoverable	13,300	/V	µg/L	WA
0	Silica, total recoverable	11,600	/VY	µg/L	WA
0	Silica, total recoverable	13,300	/VY	µg/L	WA
0	Sodium, total recoverable	1,410	/V	µg/L	WA
0	Sodium, total recoverable	1,390	/V	µg/L	WA
0	Total dissolved solids	25,000	J/E	µg/L	WA
0	Total phosphates (as P)	22	J/E	µg/L	WA

WELL HSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample Omen 01/06/95
Depth to water: 36.63 ft (11.16 m) below TOC
Water elevation: 267.77 ft (81.62 m) msl
Sp. conductance 26 µS/cm
Turbidity 0 NTU
Water evacuated before sampling 86 gal

Time 10:00
pH 4.0
Alkalinity 1 mg/L
Water temperature 18.0°C
Air temperature 6.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.5	J/Q	pH	WA
0	Specific conductance	24	N	µS/cm	WA
0	Aluminum, total recoverable	<87		µg/L	WA
0	Cadmium, total recoverable	<4.7	/V	µg/L	WA
0	Calcium, total recoverable	799	/V	µg/L	WA
0	Chloride	2,470	J/E	µg/L	WA
0	Copper, total recoverable	<18		µg/L	WA
0	Iron, total recoverable	4.2	J/E	µg/L	WA
0	Lead, total recoverable	2.1	JV/EV	µg/L	WA
0	Magnesium, total recoverable	374	/V	µg/L	WA
0	Manganese, total recoverable	4.6	J/E	µg/L	WA
0	Nickel, total recoverable	0.81	J/E	µg/L	WA
0	Nitrate as nitrogen	1,200		µg/L	WA
0	Nitrite as nitrogen	<20	/Q	µg/L	WA
0	Potassium, total recoverable	932		µg/L	WA
0	Silica, total recoverable	20,700	/V	µg/L	W
0	Silica, total recoverable	20,700	/VY	µg/L	
0	Sodium, total recoverable	1,580	/V	µg/L	
0	Total dissolved solids	44,000		µg/L	W
0	Total phosphates (as P)	<30		µg/L	WA
0	Total phosphates (as P)	<30		µg/L	WA

WELL HSS 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/06/95
Depth to water: 26.94 ft (8.21 m) below TOC
Water elevation: 282.86 ft (86.22 m) msl
Sp. conductance 33 µS/cm
Turbidity 110 NTU
Water evacuated before sampling 16 gal
The well went dry during purging

Time: 12:28
pH: 4.6
Alkalinity 1 mg/L
Water temperature: 18.8°C
Air temperature 15.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.8	J/Q	pH	WA
0	Specific conductance	23	/V	µS/cm	WA
0	Specific conductance	23	/V	µS/cm	WA
2	Aluminum, total recoverable	872		µg/L	WA
0	Cadmium, total recoverable	<4.7	/V	µg/L	WA
0	Calcium, total recoverable	638	/V	µg/L	WA
0	Chloride	3,420	J/E	µg/L	WA
1	Copper, total recoverable	542		µg/L	WA
2	Iron, total recoverable	2,930	N	µg/L	WA
2	Lead, total recoverable	110	/V	µg/L	WA
0	Magnesium, total recoverable	236	N	µg/L	WA
0	Manganese, total recoverable	18		µg/L	WA
0	Nickel, total recoverable	9.7		µg/L	WA
0	Nitrate as nitrogen	945		µg/L	WA
0	Nitrite as nitrogen	6.0	J/E	µg/L	WA
0	Potassium, total recoverable	253	J/E	µg/L	WA
0	Silica, total recoverable	6,280	/V	µg/L	WA
0	Silica, total recoverable	6,280	/VY	µg/L	WA
0	Sodium, total recoverable	2,010	/V	µg/L	WA
0	Total dissolved solids	13,000	J/E	µg/L	WA
0	Total phosphates (as P)	39		µg/L	WA

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/95 — Time: 15:31
Depth to water: 37.46 ft (11.42 m) below TOC — pH: 6.1
Water elevation: 116.44 ft (35.49 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 19.2°C
Turbidity: 1 NTU — Air temperature: 12.7°C
Water evacuated before sampling: 150 gal

WELL P 26D

MEASUREMEWS **CONDUCTED IN THE FIELD**

Sample date: 01/25/95 — Time: 16:01
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 11 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 19.2°C
Turbidity: 4 NTU — Air temperature: 13.2°C
No water was evacuated before sampling.

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/95 — Time: 16:05
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 11 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 19.0°C
Turbidity: 4 NTU — Air temperature: 13.4°C
No water was evacuated before sampling.

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/95 — Time: 15:24
Depth to water: 36.63 ft (11.16 m) below TOC — pH: 6.3
Water elevation: I::Z&3574 m) msl — Alkalinity: 9 mg/L
Sp. conductance — Water temperature: 18.5°C
Turbidity: 2 NTU — Air temperature: 12.9°C
Water evacuated before sampling: 187 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	J/O/L	pH	GE
0	Specific conductance	42		µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Arsenic, total recoverable	<3.3		µg/L	GE
0	Barium, total recoverable	11		µg/L	GE
0	Benzene	<1.7		µg/L	GE
0	Boron, total recoverable	<50		µg/L	GE
0	Bromodichloromethane	<1.7		µg/L	GE
0	Bromoform	<1.7		µg/L	GE
0	Bromomethane	<1.7		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Calcium, total recoverable	4,720		µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloride	1,960		µg/L	GE
0	Chlorobenzene	<1.7		µg/L	GE
0	Chloroethane	<1 . 7		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.7		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
0	Chloromethane	<1.7		µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
0	Dibromochloromethane	<1.7		µg/L	GE
0	1,1-Dichloroethane	<1.7		µg/L	GE
0	1,2-Dichloroethane	<1.7		µg/L	GE
0	1,1-Dichloroethylene	<1.7		µg/L	GE
0	trans-1,2-Dichloroethylene	<1.7		µg/L	GE
0	Dichloromethane	<1.7		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.0025		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.0025		µg/L	GE
0	1,2-Dichloropropane	<1.7		µg/L	GE
0	cis-1,3-Dichloropropene	<1.7		µg/L	GE
0	trans-1,3-Dichloropropene	<1.7		µg/L	GE
0	Endrin	<0.010	J/O/L	µg/L	GE
0	Ethylbenzene	<1.7		µg/L	GE
0	Fluoride	<50		µg/L	GE
0	Iron, total recoverable	15		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lindane	<0.0084	J/O/L	µg/L	GE
0	Lithium, total recoverable	<8.3		µg/L	GE
0	Magnesium, total recoverable	500		µg/L	GE

WELL P 26D collected on 02/14/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Manganese, total recoverable	<3.3		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Methoxychlor	<0.84	J/O/L	µg/L	GE
0	Nitrate-nitrite as nitrogen	543		µg/L	GE
0	Phenols	<8.3	n	µg/L	GE
0	Potassium, total recoverable	76s	J/E	µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Selenium, total recoverable	<3.3		µg/L	GE
0	Silica, total recoverable	8,s30	J/I	µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Sodium, total recoverable	1,7s0		µg/L	GE
0	Sulfate	<1,670		µg/L	GE
0	2,4,5-T	<0.00075		µg/L	GE
0	2,2-Tetrachloroethane	<1.7		µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Toluene	<1.7		µg/L	GE
0	Total dissolved solids	32,000		µg/L	GE
2	Total inorganic carbon	15,700		µg/L	GE
0	Total organic carbon	<1,670		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	Total phosphates (as P)	<83		µg/L	GE
0	Toxaphene	<0.40	J/O/L	µg/L	GE
0	2,4,5-TP (Silvex)	<0.00075	J/C	µg/L	GE
0	2,4,5-TP (Silvex)	4.00075	J/C	µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	1,1,2-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1,7		µg/L	GE
0	Trichlorofluoromethane	<1.7		µg/L	GE
0	Gross alpha	4.6E-11±3.2E-10	UI	µCi/mL	GP
0	Nonvolatile beta	1.3E-09±8.3E-10	UI	µCi/mL	GP
0	Radium, total alpha-emitting	3.0E-10±3.0E-10	UI	µCi/mL	GP
0	Tritium	2.7E-06±4.8E-07		µCi/mL	GP

WELL P 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/95 — Time: 11:19
Depth to water: 94.69 ft (28.86 m) below TOC — pH: 6.0
Water elevation: 181.21 ft (55.23 m) msl — Alkalinity: 27 mg/L
Sp. conductance: 77 µS/cm — Water temperature: 19.2°C
Turbidity: 1 NTU — Air temperature: 24.7°C
Water evacuated before sampling: 248 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	19	J/E	µg/L	GE
1	Aluminum, total recoverable	49	J/V/EV	µg/L	WA
0	Iron, total recoverable	93		µg/L	GE
0	Iron, total recoverable	114		µg/L	WA
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lead, total recoverable	2.1	J/E	µg/L	WA
0	Lithium, total recoverable	4.3	J/E	µg/L	GE
0	Lithium, total recoverable	4.1	/V	µg/L	WA
0	Manganese, total recoverable	4.5		µg/L	GE
0	Manganese, total recoverable	4.4	J/E	µg/L	WA
0	Nitrate as nitrogen	136		µg/L	WA
0	Nitrate-nitrite as nitrogen	150		µg/L	GE
0	Silver, total recoverable	<0.65	/V	µg/L	GE
0	Silver, total recoverable	<1.4		µg/L	WA
0	Sodium, total recoverable	1,970		µg/L	GE
0	Sodium, total recoverable	990	/V	µg/L	WA
0	Actinium-228	7E 0±8.6E-09	UI	µCi/mL	GP
0	Actinium-228	.2E-08±9.8E-09	UI	µCi/mL	TM
0	Actinium-228	8.8E-09±9.7E-09	UI	µCi/mL	TM
0	Antimony-124	2.7E-10± 4E-09	UI	µCi/mL	GP
0	Antimony-125	3E-09± .2E-09	UI	µCi/mL	GP
0	Antimony-125	E-09±6.5E-09	UI	µCi/mL	TM
0	Antimony-125	8E-09± 8E-09	UI	µCi/mL	TM
0	Barium-133	4E-09±1.6E-09	UI	µCi/mL	GP
0	Cerium-144	3.3E-09±8.9E-09	UI	µCi/mL	GP
0	Cerium-144	9.4E-09±1.3E-08	UI	µCi/mL	TM
0	Cerium-144	2.9E-09±1.4E-08	UI	µCi/mL	TM
0	Cesium-134	1.1E-09±1.3E-09	UI	µCi/mL	GP
0	Cesium-134	4.9E-10±2.8E-09	UI	µCi/mL	TM
0	Cesium-134	2.2E-09±3.2E-09	UI	µCi/mL	TM
0	Cesium-137	4.0E-10±1.2E-09	UI	µCi/mL	GP
0	Cesium-137	2.2E-09±2.9E-09	UI	µCi/mL	TM
0	Cesium-137	1.2E-09±2.7E-09	UI	µCi/mL	TM
0	Cobalt-57	5.0E-10±1.1E-09	UI	µCi/mL	GP
0	Cobalt-57	6.4E-10±1.6E-09	UI	µCi/mL	TM
0	Cobalt-57	2.3E-10±1.6E-09	UI	µCi/mL	TM
0	Cobalt-58	2.3E-10±1.1E-09	UI	µCi/mL	GP
0	Cobalt-60	4.0E-10±1.1E-09	UI	µCi/mL	GP
0	Cobalt-60	5.6E-10±2.9E-09	UI	µCi/mL	TM
0	Cobalt-60	1.7E-09±2.9E-09	UI	µCi/mL	TM
0	Europium-152	1.6E-09±3.5E-09	UI	µCi/mL	GP
0	Europium-152	5.8E-09±1.8E-08	UI	µCi/mL	TM
0	Europium-152	6.4E-09±1.7E-08	UI	µCi/mL	TM
0	Europium-154	8.8E-09±1.4E-08	UI	µCi/mL	GP
0	Europium-154	2.0E-09±7.3E-09	UI	µCi/mL	TM
0	Europium-154	2.4E-09±8.3E-09	UI	µCi/mL	TM
0	Europium-155	9.8E-11±4.7E-09	UI	µCi/mL	GP
0	Europium-155	1.7E-08±4.9E-09	UI	µCi/mL	TM
0	Europium-155	1.6E-08±4.9E-09	UI	µCi/mL	TM
0	Gross alpha	3.3E-10±5.7E-10	UI	µCi/mL	GP

WELL P 27B collected on 03/15/95. laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Gross alpha	E-09± E-09		µCi/mL	TM
2	Iodine-129	-09± E-08	UI	µCi/mL	TM
0	Iodine- 29	0E-08± 9E-08	UI	µCi/mL	TM
0	Lead-212	-09± 7E-09	UI	µCi/mL	GP
0	Lead-212	0E ±4 3E-09	UI	µCi/mL	TM
0	Lead-212	5E 0±6 3E-09	UI	µCi/mL	TM
0	Manganese-54	0E E-09	UI	µCi/mL	GP
0	Manganese-54	6E-09± E-09	UI	µCi/mL	TM
0	Manganese-54	8 7E-10±2.5E-09	UI	µCi/mL	TM
0	Neptunium-239	3E 0±8.2E-09	UI	µCi/mL	GP
0	Nonvolatile beta	3E-09±8.6E	in	µCi/mL	GP
0	Nonvolatile beta	2.0E-10± 5E-09	UI	µCi/mL	TM
0	Potassium-40	4E-08± E-08	UI	µCi/mL	GP
0	Potassium-40	3E-08± 7E-08	UI	µCi/mL	TM
0	Potassium-40	E-08± E-08	in	µCi/mL	TM
0	Promethium-144	0E-10± .2E-09	UI	µCi/mL	GP
0	Promethium-144	E-09± 7E-09	UI	µCi/mL	TM
0	Promethium-144	6E 0±2.5E-09	UI	µCi/mL	TM
0	Promethium-146	.2E-09± E-09	UI	µCi/mL	GP
0	Promethium-146	5.2E-10±3.2E-09	UI	µCi/mL	TM
0	Promethium-146	3E-09± .2E-09	UI	µCi/mL	TM
0	Ruthenium-106	6E-09± .2E-08	UI	µCi/mL	GP
0	Ruthenium-106	0E-08±2.6E-08	UI	µCi/mL	TM
0	Ruthenium-106	E-09± 3E-08	UI	µCi/mL	TM
0	Sodium-22	0E-10± 3E-09	UI	µCi/mL	GP
0	Sodium-22	6 9E 0± 6E-09	UI	µCi/mL	TM
0	Sodium-22	8 4E 0± 0E-09	UI	µCi/mL	TM
0	Thorium-234	3E-08±6 9E-08	UI	µCi/mL	GP
0	Thorium-234	5E-08±7 9E-08	UI	µCi/mL	TM
0	Thorium-234	4E-07±4 0E-08		µCi/mL	TM
0	Tin-113	E-09± 5E-09	UI	µCi/mL	GP
0	Tritium	7E-07± 4E-07	UI	µCi/mL	GP
0	Tritium	E-07± 4E-07	UI	µCi/mL	GP
0	Tritium	3E-07± 5E-07	J/L	µCi/mL	TM
0	Yttrium-88	E-11± E-09	UI	µCi/mL	GP
0	Yttrium-88	3E-10± .2E-09	UI	µCi/mL	TM
0	Yttrium-88	-09± E-09	UI	µCi/mL	TM
0	Zinc-65	3E 0± .6E-09	UI	µCi/mL	GP
0	Zinc-65	3.2E 0±6.0E-09	UI	µCi/mL	TM
0	Zinc-65	7E-09±4 -08	UI	µCi/mL	TM
0	Zirconium-95	E-10±2 E-09	UI	µCi/mL	GP

WELL P 27B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/95 Time: 11:19
Depth to water: 94.69 ft (28.86 m) below TOC pH: 6.0
Water elevation: 181.21 ft (55.23 m) msl Alkalinity: 27 mg/L
Sp. conductance: 77 µS/cm Water temperature: 19.2°C
Turbidity: 1 NTU Air temperature: 24.7°C
Water evacuated before sampling: 248 gal

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	16	J/E	µg/L	GE
1	Aluminum, total recoverable	47	JV/EV	µg/L	WA
0	Iron, total recoverable	69		µg/L	GE
0	Iron, total recoverable	113		µg/L	WA
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lead, total recoverable	5.0	J/E	µg/L	WA
0	Lithium, total recoverable	43	J/E	µg/L	GE
0	Lithium, total recoverable	3.9	N	µg/L	WA
0	Manganese, total recoverable	44		µg/L	GE
0	Manganese, total recoverable	4.1	J/E	µg/L	WA
0	Nitrate as nitrogen	163		µg/L	WA
0	Nitrate-nitrite as nitrogen	160		µg/L	GE
0	Silver, total recoverable	<0.65	N	µg/L	GE
0	Silver, total recoverable	<1 4		µg/L	WA
0	Sodium, total recoverable	1,980		µg/L	GE
0	Sodium, total recoverable	2,070	N	µg/L	WA
0	Actinium-228	3.3E-09±5.8E-09	UI	µCi/mL	GP
0	Actinium-228	- 3.3E-09±8.4E-09	UI	µCi/mL	TM
0	Antimony-124	- 2.7E-09±2.2E-09	UI	µCi/mL	GP
0	Antimony-125	- 2.4E-11±4.9E-09	UI	µCi/mL	GP
0	Antimony-125	8.0E-10±8.0E-09	UI	µCi/mL	TM
0	Barium-133	- 2.4E-10±2.5E-09	UI	µCi/mL	GP
0	Cerium-144	- 1.3E-08±1.2E-08	UI	µCi/mL	GP
0	Cerium-144	- 1.0E-08±1.3E-08	UI	µCi/mL	TM
0	Cesium-134	- 1.0E-09±1.8E-09	UI	µCi/mL	GP
0	Cesium-134	- 5.0E-10±2.8E-09	UI	µCi/mL	TM
0	Cesium-137	1.1E-10±1.9E-09	UI	µCi/mL	GP
0	Cesium-137	- 6.6E-10±2.6E-09	UI	µCi/mL	TM
0	Cobalt-57	- 9.5E-11±1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	2.2E-10±1.6E-09	UI	µCi/mL	TM
0	Cobalt-58	9.5E-10±1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	- 7.8E-10±1.7E-09	UI	µCi/mL	GP
0	Cobalt-60	2.0E-09±2.6E-09	UI	µCi/mL	TM
0	Europium-152	5.8E-09±4.8E-09	UI	µCi/mL	GP
0	Europium-152	2.3E-08±1.8E-08	UI	µCi/mL	TM
0	Europium-154	- 1.3E-08±1.6E-08	UI	µCi/mL	GP
0	Europium-154	- 1.0E-09±7.9E-09	UI	µCi/mL	TM
0	Europium-155	1.8E-09±6.9E-09	UI	µCi/mL	GP
0	Europium-155	- 1.3E-08±4.7E-09	UI	µCi/mL	TM
0	Gross alpha	7.9E-10±6.4E-10	UI	µCi/mL	GP
0	Gross alpha	- 2OE-1M*-1O	UI	µCi/mL	TM

WELL P 27B collected on 03/15/95. laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Iodine-129	- 34E~ 1.9E-08	UI	µCi/mL	TM
0	Lead-212	3.0E-10±5.2E-09	UI	µCi/mL	GP
0	Lead-212	3.3E-09±4.0E-09	UI	µCi/mL	TM
0	Manganese-54	6.7E-10±1.9E-09	UI	µCi/mL	GP
0	Manganese-54	4.9E-10±2.5E-09	UI	µCi/mL	TM
0	Neptunium-239	- 1.0E-08±1.2E-08	UI	µCi/mL	GP
0	Nonvolatile - -	9.5E-10±7.7E-10	UI	µCi/mL	GP
0	Nonvolatile beta	1.0E-10±1.5E-09	UI	µCi/mL	TM
0	Potassium-40	2.2E-08±2.1E-08	UI	µCi/mL	GP
0	Potassium-40	6.6E~34E46	UI	µCi/mL	TM
0	Promethium-144	44E-I&I .7E-09	UI	µCi/mL	GP
0	Promethium-144	2.5E-09±2.7E-09	UI	µCi/mL	TM
0	Promethium-146	- 2.2E-08±2.2E-08	UI	µCi/mL	GP
0	Promethium-146	- 7.9E-10±3.0E-09	UI	µCi/mL	TM
0	Ruthenium-106	- 3.2E-10±1.7E-08	UI	µCi/mL	GP
0	Ruthenium-106	- 2.0E-08±2.3E-08	UI	µCi/mL	TM
0	Sodium-22	1.1E-10±1.8E-09	UI	µCi/mL	GP
0	Sodium-22	- 3.8E-10±2.8E-09	UI	µCi/mL	TM
0	Thorium-234	1.2E-07±9.2E-08	UI	µCi/mL	GP
0	Thorium-234	1.6E-07±6.2E-08		µCi/mL	TM
0	Tin-113	- 2.0E-11±2.3E-09	UI	µCi/mL	GP
0	Tritium	-1 4E47~34E47	UI	µCi/mL	GP
0	Tritium	7.0E-08±2.2E-07	UI	µCi/mL	TM
0	Yttrium-88	9.5E-10±2.4E-09	UI	µCi/mL	GP
0	Yttrium-88	1.6E-09±2.7E-09	UI	µCi/mL	TM
0	Zinc-65	9.0E-10±4.0E-09	UI	µCi/mL	GP
0	Zinc-65	- 3.9E-09±5.8E-09	UI	µCi/mL	TM
0	Zirconium-95	2.9E-10±3.5E-09	UI	µCi/mL	GP

WELL P 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/95 Time: 11:38
Depth to water: 29.06 ft (8.86 m) below TOC
Water elevation: 247.04 ft (75.30 m) msl
Inaccessibility or mechanical problem prevented sample collection.

WELL P 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/95 Tim, 11 "41
Depth to water: 7.95 ft (2.42 m) below TOC
Water elevation: 268 15 ft (81.73 m) msl
Inaccessibility or mechanical problem prevented sample collection

WELL P 27TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/95 Time: 11:44
Depth to water: 91.14 ft (27.78 m) below TOC
Water elevation: 184.36 ft (56.19 m) msl
Inaccessibility or mechanical problem prevented sample collection.

WELL P 27TD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/95 Time: 11:50
Depth to water: 93.33 ft (28.45 m) below TOC
Water elevation: 182.47 ft (55.62 m) msl
Inaccessibility or mechanical problem prevented sample collection.

WELL P 27TE

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/95 Time 11"54
Depth to water: 93.51 ft (28.50 m) below TOC
Water elevation: 182.19 ft (55.53 m) msl
Inaccessibility or mechanical problem prevented sample collection

Well FTF 20 collected on 05/10/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	2-Chloroethyl vinyl ether	< 7				1 7	µg/L	GE	EPA8240
0	Chloroform	0				1 7	µg/L	GE	EPA6240
0	Chloromethane	< 7				1 7	µg/L	GE	EPA8240
0	Dibromochloromethane	< 7				1 7	µg/L	GE	EPA6240
0	1,1 -Dichloroethane	< 7				1 7	µg/L	GE	EPA6240
0	1,2-Dichloroethane	< 7				1 7	µg/L	GE	EPA6240
0	1 ,1-Dichloroethylene	< 7				1 7	µg/L	GE	EPA8240
0	kens-l ,2-Dichloroethylene	< 7				1 7	µg/L	GE	EPA8240
0	Dichloromethane	6	JV	EV		1 7	µg/L	GE	EPA6240
0	1,2-Dichloropropane	< 7				1 7	µg/L	GE	EPA6240
0	cis-1,3-Dichloropropene	< 7				1 7	µg/L	GE	EPA6240
0	trans-1,3-Dichloropropene	< 7				1 7	µg/L	GE	EPA8240
0	Ethylbenzene	< 7				1 7	µg/L	GE	EPA8240
0	1, 1,2,2-Tetrachloroethane	< 7				1 7	µg/L	GE	EPA8240
0	Tetrachloroethylene	< 7				1 7	µg/L	GE	EPM240
0	Toluene	< 7				1 7	µg/L	GE	EPA8240
0	1, 1,1-Trichloroethane	< 7				1 7	µg/L	GE	EPM240
0	1,1,2-Trichloroethane	< 7				1 7	µg/L	GE	EPA8240
0	Trichloroethylene	5				1 7	µg/L	GE	EPA6240
0	Trichlorofluoromethane	< 7				1.7	µg/L	GE	EPA6240

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIE1O

Sample date: 05/10/95
Depth to water: 64 ft (19.51 m) below TOC
Water elevation: 222 (67.11m)) msl
pH: 5.5
Sp. conductance 52 µS/cm
Turbidity: 90 NTU
No water was evacuated horn the well prior to sampling.

Time: 8:10
Waler -2:::: "c
Air temper
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

LABORATORY ANALYSES

F	Analyte	Result	R	A	11	SOL	Unit	Lab	Method
0	Benzene	<1.7				1 7	µg/L	GE	EPA6240
0	Bromodichloromethane	<1 7				1.7	µg/L	GE	EPA6240
0	Bromoform	<1 7				1 7	µg/L	GE	EPA8240
0	Bromomethane	<1 7				1 7	µg/L	GE	EPA6240
0	carbon tetrachloride	<1 7				1 7	µg/L	GE	EPA6240
0	Chlorobenzene	<1 7				1 7	µg/L	GE	EPM240
0	Chloroethane	<1 7				1 7	µg/L	GE	EPM240
0	Chloroethene (Vinyl chloride)	<1 7				1 7	µg/L	GE	EPA6240
0	2-Chloroethyl vinyl ether	<1 7				1 7	µg/L	GE	EPA6240
0	Chloroform	<1.7				1 7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1 7	µg/L	GE	EPA6240
0	Dibromochloromethane	<1 7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1.7	µg/L	GE	EPA6240
0	1,2-Dichloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1 7				1 7	µg/L	GE	EPM240
0	trans-1,2-Dichloroethylene	<1.7				1 7	µg/L	GE	EPA6240
0	Dichloromethane	1.3	JV	Ev		1 7	µg/L	GE	EPA6240
0	1,2-Dichloropropane	<1.7				1.7	µg/L	GE	EPM240
0	cis-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA6240
0	trans-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	EPA6240
0	Ethylbenzene	<1 7				1 7	µg/L	GE	EPM240
0	1,1,2,2-Tetrachloroethane	<1 7				1.7	µg/L	GE	EPA6240
0	Tetrachloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Toluene	<1.7				1 7	µg/L	GE	EPA6240
0	1,1,1 -Trichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1 ,2-Trichloroethane	<1.7				1 7	µg/L	GE	EPM240
0	Trichloroethylene	<1 7				1 7	µg/L	GE	EPA6240
0	Trichlorofluoromethane	<1.7				1.7	µg/L	GE	EPA6240

WELL HAA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth waler: 111.45 ft (33.97 m) below TOC
Water elevation 18145 ft (55.31 m) msl
pH: 9.8
Sp. conductance: 206 µS/cm
Turbidity: 1 NTU
Waler evacuated from the well prior to sampling: 36 gal

Time: 11:28
Water temperature: ? 8 "c
Air temperature: 28 °C
Alkalinity: 91 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Barium, total recoverable	91		V		3.0	µg/L	GE	EPA601o
0	Lead, total recoverable	40	J	E		25	µg/L	GE	EPMo1o
0	Manganese, total recoverable	93				2.0	µg/L	GE	EPA6010
0	Nickel, total recoverable	22	J	E		10	µg/L	GE	EPA6010
0	Nitrate-nitrite e s nitrogen	30	J	E		100	µg/L	GE	EPA353.1
0	Silver, total recoverable	<0.65				0.65	µg/L	GE	EPA6010
0	Sodium, total recoverable	3,880				100	µg/L	GE	EPASO1O
0	Sodium, total recoverable	3,870				100	µg/L	GE	EPA6010
0	Actinium-228	9lEmi68E-09	Ul			1.4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	1 2E-09±1 9E-09	Ul			3 5E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	39E4)W4 4E-09	Ul			92E400	µCi/mL	GP	EPIA-013
0	Barium-133	1.7 E-09±2.5E-09	Ul			43E+W	µCi/mL	GP	EPIA-013
0	Cerium-144	43E-OWI 5E-08	Ul			2 5E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-3 2E-10±2 1E-09	Ul			32E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-1 0E-09±2 0E-09	Ul			34E+W	µCi/mL	GP	EPIA-013
0	Cobalt-57	-7 OE-1O*1 9E-09	Ul			32E+m	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1 8E-09±1.8E-09	Ul			2 8E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.7E-1OQOE4)9	Ul			36E+O0	µCi/mL	GP	EPIA-013
0	Europium-152	-1 0E0t52E4)9	Ul			: 3E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-3.8E-09±1.9E-08	Ul			4E+01	µCi/mL	GP	EPIA-013
0	Europium-155	93E419is 2E-09	Ul			1 5E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1 7E419i92E-10				1 1E+00	µCi/mL	GP	EPIA-001
0	Lead-212	0 0E+00	Ul			7 1E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	1.5E-09±1.8E-09	Ul			35E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4.1E-09±1.5E-08	Ul			2 6E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	30E~9 7E-10				16E+O0	µCi/mL	GP	EPIA-001
0	Potassium-40	1.5E-08±2.4E-08	Ul			47E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-9.3E-10±2.0E-09	Ul			34E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	2.4E-09±2.6E-09	Ul			4 9E+00	µCi/mL	GP	EPIA-013
1	Ruthenium-106	2.6E-08±4.4E-08	Ul			2 8E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-5.7E-1OQ.2E-O9	Ul			3 9E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	52E41W1 6E-07	Ul			1 9E+02	µCi/mL	GP	EPIA-013
0	Tin-113	1.3E-09±2.5E-09	Ul			4.5E+00	µCi/mL	GP	EPIA-013
0	Tritium	-1.0E-07±2 9E-07	Ul			5.1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1 3E-10±2 0E-09	Ul			36E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	-6 6E-10t47E4)9	Ul			? 3E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	-21JE-09i32E4)9	Ul			52E400	µCi/mL	GP	EPIA-013

WELL HAA IAA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 111.01 ft (33.64 m) below TOC
Water elevation: 181.69 ft (55.36 m) msl
pH: 6.8
Sp. conductance: 114 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling" 62 gal

Time: 1034
Water temperature: 21 "c
Air temperature 27 °C
Alkalinity 33 mg/L
Phenolphthalein alkalinity' O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite e s nitrogen	<100				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	2,000				100	µg/L	GE	EPA6010
o	Actinium-228	33E-10i6 9E-09	Ul			1 3E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	5.2E-10±1 9E-09	Ul			35E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	-7 6E-10k52E49	Ul			89E+W	µCi/mL	GP	EPIA-013
0	Barium-133	-92E-1oG9E4J9	Ul			4 4E+00	µCi/mL	GP	EPIA-013
o	Cerium-144	-1 3E-09±1 2Eu6	Ul			2 1E+01	µCi/mL	GP	EPIA-013
o	Cesium-134	-1 1E-10±2 0E-09	Ul			32E+o0	µCi/mL	GP	EPIA-013
o	Cesium-137	-2 3E-10±1 8E-09	Ul			33E+CK)	µCi/mL	GP	EPIA-013
O	Cobalt-57	-3 8E-10±1 6E-09	Ul			2 7E+00	µCi/mL	GP	EPIA-013
o	Cobalt-58	6 0E-11±1 6E-09	Ul			3 0E+00	µCi/mL	GP	EPIA-013
O	Cobalt-60	5 4E-11±1 8E-09	Ul			3 4E+00	µCi/mL	GP	EPIA-013

Well HAA 1AA collected on 05/01/95 (writ)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Europium-152	.23E-0925 9E-09	UI			99E+O0	µCi/mL	GP	EPIA-013
d	Europium-154	-3 2E-09~16E-06	UI			29E+ot	µCi/mL	GP	EPIA-013
0	Europiurn-155	.52E-09M 9E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	3ti-10&44E~10-	UI			8 0E-01	µCi/mL	GP	EPIA-001
0	Lead-212	0 0E+00	UI			7 8E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	1 3E-09±18E-09	UI			35E+W	µCi/mL	GP	EPIA-013
0	Neptunium-239	65E~il 2E-08	UI			23E+ol	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 6E-09±7 1E-10				1 3E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	1 8E-09±2 1E-08	UI			36E401	µCi/mL	GP	EPIA-013
0	Promethium-144	3 1E-10±19E-09	UI			34E+o0	µCi/mL	GP	EPIA-013
0	Promethium-146	0 0E+00	UI			48E+o0	µCi/mL	GP	EPIA-013
2	Ruthenium-106	35Ema 3E-08				26E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	22E-IIti 0E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Thorium-234	47E46&l 1E-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	29E-10t2 4E-09	UI			: : : : :	µCi/mL	GP	EPIA-013
0	Tritium	24E-t3 0E-07	UI				µCi/mL	GP	EPIA-002
0	Yttrium-88	42E-Il&t 4E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	4.8E-10±3.6E-09	UI			67E*o0	µCi/mL	GP	EPIA-013
0	Zirconium-95	4. 0E-10±3 0E-09	UI			54E+o0	µCi/mL	GP	EPIA-013

WELL HAA 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 39.67 ft (1.15 m) below TOC
Water elevation: 253.33 ft (77.22 m) msl
pH: 10.1
Sp. conductance: 169 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior **to sampling**: 64 gal

Time: 12:55
Water temperature: 20.8 "c
Air temperature: 29.8
Alkalinity: 44 mg/L "c
Phenolphthalein alkalinity: 41 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	40	J	E		100	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	40	J	E		100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	5,770				100	µg/L	GE	EPA6010
0	Actinium-228	1 2E-06±6 7E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	1.3E-09±1.9E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	-5.8E-10±5.6E-09	UI			9 9E+00	µCi/mL	GP	EPIA-013
0	Barium-133	7 3E-10±2.9E-09	UI			4 7E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	2.1E-09±1.3E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.6E-10±2.2E-09	UI			3 3E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	6.9E-10±2.0E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.6E-10±1.9E-09	UI			3 2E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	3 5E-10±1.9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	6 5E-10±1.6E-09	UI			32E+o0	µCi/mL	GP	EPIA-013
0	Europium-152	7.6E-10±6.0E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-1.9E-08±2.0E-08	UI			32E401	µCi/mL	GP	EPIA-013
0	Europium-155	2.0E-09±8.5E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	-8.5E-13±4.7E-10	UI			13E+O0	µCi/mL	GP	EPIA-001
0	Lead-212	0 0E+00	UI			74E+o0	µCi/mL	GP	EPIA-013
0	Manganese-54	s 0E-10±1.8E-09	UI			33E+o0	µCi/mL	GP	EPIA-013
0	Neptunium-239	27E419il 4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	26E4)s# 3E-10				16E400	µCi/mL	GP	EPIA-001
0	Potassium-40	4.2E-09±3.1E-08	UI			4 1E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.0E-10±1.9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	1.9E-09±2 4E-09	UI			46E400	µCi/mL	GP	EPIA-013
0	Ruthenium-106	57E49*1 7E-08	UI			3 0E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	3 8E-10±18E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	7.2E-08±1.6E-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-4.4E-10±2.4E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Tritium	7.3E-07*32E47				51E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	64E-1 1±17E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	24E-&3 7E-09	UI			6 8E+00	µCi/m	GP	EPIA-013
0	Zirconium-95	1.6E-10±3 2E-09	UI			57E+o0	µCi/mt	GP	EPIA-013

WELL HAA 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: 05/01/95
Depitotwater: 39.4 ft (1201 m) below TOC
Water elevation: 254 ft (77 42 m) msl
pH 6.8
Sp conductance: 104 µS/cm
Turbidity: 1 NTU
Water evacuated from the well **prior to sampling** 72 gal

Time: 13:33
Water temperature: 20 3 "c
Air temperature: 31 °C
Alkalinity 37 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Cyanide	<20				20	µg/L	GE	EPA335.3
0	Mercury, total recoverable	0.60				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite e S nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,750				100	µg/L	GE	EPMO1O
0	Actinium-228	-2 4E-09±8 6E-09	UI			1.5E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-6.1E-10±2 7E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	-3 4E-09±6 5E-09	UI			1.1E+01	µCi/mL	GP	EPIA-013
0	Barium-133	-2 6E-09±3 2E-09	UI			5.3E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.2E-09±1.6E-08	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	9 8E-10±2.7E-09	UI			4 4E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	5 2E-09±4 5E-09				4.0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.4E-09±2.3E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.8E-09±2.4E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.4E-10±2.5E-09	UI			: 7E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-3.9E-09±7.6E-09	UI			2E+01	µCi/mL	GP	EPIA-013
0	Europium-154	3.0E-09±2.2E-08	UI			: 1E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-1.8E-09±9.9E-09	UI			7E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	9.9E-10±6.6E-10	UI			1 0E+00	µCi/mL	GP	EPIA-001
0	Lead-212	3.7E-09±6 7E-09	UI			76E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	1 1E-09±2.7E-09	UI			: 9E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	0 0E+00	UI			2E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.1E-09±8.9E-10				16Etoo	µCi/mL	GP	EPIA-001
0	Potassium-40	1.7E-08±4.6E-08	UI			44E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.1E-09±2.1E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	2.7E-09±3.3E-09	UI			6 1E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1 1E-09±2.3E-08	UI			4 0E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.5E-09±2.9E-09	In			42E@o	µCi/mL	GP	EPIA-013
0	Thorium-234	5.6E-08±1 3E-07	UI			22E@2	µCi/mL	GP	EPIA-013
0	Tin-113	2.4E-11±3.1E-09	UI			5 5E+00	µCi/mL	GP	EPIA-013
0	Tritium	2.0E-08±2.9E-07	UI			51E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	4.4E-10±2 4E-09	UI			47E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	0 0E+00	UI			67E400	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.4E-09±3.7E-09	UI			66E+O0	µCi/mL	GP	EPIA-013

WELL HAA 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 18.55 ft (5.04 m) below TOC
Water elevation: 277.35 ft (84.54 m) msl
pH: 5.6
Sp. conductance: 37 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 14:13
Water temperature: 20 °C
Air temperature: 31.3 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Mercury, total recoverable	0.060	J	E		0.20	µg/L	GE	EPA7470
0	Nitrate#rile • s nitrogen	910				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,470				100	µg/L	GE	EPMO1O
0	Actinium-228	29Emi7 0E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	3.1 E-1 0A2OE-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	-2 6E49t46E4)6	UI			64E +00	µCi/mL	GP	EPIA-013
0	Barkan-133	-1.7E-09k34E-OS	UI			46E400	µCi/mL	GP	EPIA-013
0	Cerium-144	1.0E-08±1.4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	43E-10ti 3E-09	UI			34E400	µCi/mL	GP	EPIA-013
0	Cesium-137	-5 0E-10±2 2E-09	UI			36E +00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.2E-10*1.7E4I9	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1 0E-09±21E-09	UI			3 4E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.1E-09±2 5E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Europium-152	1 8E-09±6 0E-09	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Europium-154	03E4)W1 8E-08	UI			3 6E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-2 3E-09±8 1E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013

Well HAA 10 Colrectodon0s/0119S (Cent)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Gross alpha	-7 OE-1Ii38E.1o	UI			1 0E+00	µCi/mL	GP	EPIA-001
0	Lead-212	4 IE~k57E-09	UI			56E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	77E.10t2 0E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	68E4W1 4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 1EQ9s65E-10	UI			1 3E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	40E4MM3.7E4M				34E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-9.5E-10±1.9E-09	UI			32EW0	µCi/mL	GP	EPIA-013
0	Promethium-146	95E-1OQ 6E-09	UI			4 9E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 7E-09±1 SE-OS	UI			32E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	8 2E-10±1 7E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Thorium-234	9.1E-08±1.1E-07	UI			1 9E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1 .7 E4W24E49	UI			4 2E+00	µCi/mL	GP	EPIA-013
0	Tritium	75E46*7 0E-07				7 1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	76E-1 1±2 4E-09	UI			4 6E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	3.3E-09±2.9E-09	UI			6 8E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2 5E-Im33Em	UI			5 9E+00	µCi/mL	GP	EPIA-013

WELL HAA 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/S5
Depth to water: 11053 ft (33.69 m) below TOC
Water elevation: 18167 ft (55.37 m) mat
pH:8.4
Sp. conductance: 79 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 365 gal

Time: 12:01
Water temperature: 20.4 "c
Air temperature: 28.3 °C
Alkalinity: 17 mg/L
Phenolphthalein alkalinity: o mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method	
0	Nitrate as nitrogen	76		Y		60	µg/L	WA	E A353	
0	Nitrate-nitrite a s nitrogen	<100				100	µg/L	GE	E A35	
0	sodium, total recoverable	2s20				100	µg/L	GE	E A60	
0	sodium, total recoverable	2,230		VY		4 7	µg/L	WA	EPA200	
0	Sodium, total recoverable	2,210		VY		4 7	µg/L	WA	EPA200	
0	Actinium-228	3 0E-09±8 6E-09	UI			16E+01	µCi/mL	GP	E IA-0	
0	Actinium-228	43E4S*5 6E-09	UI			1 3E+01	µCi/mL	GP	E IA-0	
0	Actinium-228	o 0E+00	UI			7 0E+00	µCi/mL	AT	E A90	M
0	Actinium-228	0.0E+00	UI			1 2E+01	µCi/mL	AT	EPA90	M
0	Antimony-124	-9.6E-10±2 2E-09	UI			37E+O0	µCi/mL	GP	E IA-0	
0	Antimony-124	2.4E-10±2.4E-09	UI			8 5E+00	µCi/mL	GP	E IA-0	
0	Antimony-125	-1 6E-09±5 8E-09	UI			1 0E+01	µCi/mL	GP	E IA-0	
0	Antimony-125	-4.6E-10±2.4E-09	UI			8 6E+00	µCi/mL	GP	E IA-0	
0	Antimony-125	0.0E+00	UI			5 2E+00	µCi/mL	AT	EPA90	M
0	Antimony-125	0.0E+00	UI			75E+O0	µCi/mL	AT	EPA90	M
0	Berium-133	-1.3E-09±2.6E-09	UI			45E+O0	µCi/mL	GP	E IA-0	
0	Barium-133	6.8E-10±1.2E-09	UI			42E+O0	µCi/mL	GP	E IA-0	
0	Cerium-144	-1.8E-09±1.5E-08	UI			2 6E+01	µCi/mL	GP	E IA-0	
0	Cerium-144	1 7E-09±7.2E-09	UI			2 5E+01	µCi/mL	GP	E IA-0	
0	Cerium-144	o 0E+00	UI			9 2E+00	µCi/mL	AT	E A90	M
0	Cerium-144	0 0E+00	UI			1 3E+01	µCi/mL	AT	EPA90	M
o	Cesium-134	23E4M 2E-09	UI			3 9E+00	µCi/mL	GP	EPIA-0	
o	Cesium-134	1 1E-09±1.1E-09	UI			3 9E+00	µCi/mL	GP	E IA-0	
0	Cesium-134	o 0E+00	UI			2 1E+00	µCi/mL	AT	E A90	M
o	Cesium-134	o 0E+00	UI			3 1E+00	µCi/mL	AT	E A90	M
O	Cesium-137	82E4W4 2E-09				37E+O0	µCi/mL	GP	E IA-0	
o	Cesium-137	1 0E-08±1 7E-09				3 1E+00	µCi/mL	GP	E IA-0	
0	Cesium-137	0 0E+00	UI			1 9E+00	µCi/mL	AT	E A90	M
0	Cesium-137	0 0E+00	UI			36E+O0	µCi/mL	AT	PA90	M
0	Cobalt-57	1 9E-09±2 6E-09	UI			35E+O0	µCi/mL	GP	E IA-0	
o	Cobalt-57	3 7E-10±9 9E-10	UI			35E+O0	µCi/mL	GP	IA-0	
o	Cobalt-57	0 0E+00	UI			1 1E+00	µCi/mL	AT	PA90	M
o	Cobalt-57	0.0E+00	UI			1 8E+00	µCi/mL	AT	PA90	M
o	Cobalt-58	-2 5E-10±2 0E-09	UI			3 6E+00	µCi/mL	GP	IA-0	
o	Cobalt-58	-2.2E-09±2.1E-09	UI			6 9E-	µCi/mL	GP	IA-0	
o	Cobalt-60	1.1E-09±2 1E-09	UI			43E+O0	µCi/mL	GP	IA-0	
o	Cobalt-60	1 5E-Iii66E-10	UI			26E400	µCi/mL	GP	E IA-0	
o	Cobalt-60	o 0E+00	UI			2 0E+00	µCi/mL	AT	E A90	M
o	Cobalt-60	0 0E+00	UI			3 7E+00	µCi/mL	AT	EPA90	M
0	Europium-152	4 8E-09±6 6E-09	UI			1 2E+01	µCi/mL	GP	IA-0	
0	Europium-152	3 5E-09±2 7E-09	UI			9 6E+00	µCi/mL	GP	IA-0	
O	Europium-152	o 0E+00	UI			1 1E+01	µCi/mL	AT	A90	M
0	Europium-152	o 0E+00	UI			1 9E+01	µCi/mL	AT	A90	M
0	Europium-154	1.2E-08±2.6E-08	UI			3 6E+01	µCi/mL	GP	IA	
0	Europium-154	-1 3E-08±6 6E-09	UI			2 1E+01	µCi/mL	GP	IA	

Well HAA 11A collected on 05/01/95 (cent)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Europium-154	0 0E+00	UI			5 5E+00	µCi/mL	AT	EPA901 1M
0	Europium-154	0 0E+00	UI			1 1E+01	µCi/mL	AT	EPA901.1M
0	Europium-155	5 6E-09±8 2E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Europium-155	6 0E-09±3 3E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Europium-155	0 0E+00	UI			45E+o0	µCi/mL	AT	EPA901 1M
0	Europium-155	O 0E+00	UI			56E+O0	µCi/mL	AT	EPA901 1M
0	Gross ● klha	37E49*1 2E-09				93E41	µCi/mL	GP	EPIA-001
0	Gross lpha	1 4E~i65E-10	UI			1 8E+00	µCi/mL	AT	EPA900 0M
0	Lead-212	3 8E-09±5 0E-09	UI			62E+o0	µCi/mL	GP	EPIA-013
0	Lead-212	2OE-*32E49	UI			6 9E+00	µCi/mL	GP	EPIA-013
0	Lead-212	0 0E+00	UI			2 9E+00	µCi/mL	AT	EPA901 1M
0	Lead-212	1 4E4Mt54E4M				1 2E+00	µCi/mL	AT	EPA901.1M
0	Manganese-54	4.2E-09±3.4E-09				37E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.3E-09±1 0E-09	UIV	v		33E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	0 0E+00	UI			2 2E+00	µCi/mL	AT	EPA901 1M
0	Manganese-54	0.0E+00	UI			3 6E+00	µCi/mL	AT	EPA901.1M
0	Neptunium-239	-8 6E-10±1 5E-08	UI			2 7E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	-2.4E-09±8 1E-09	UI			22E4G1	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3 7E-09±1 IE-6-				1 9E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	29E-*0 2E-10				22E+W	µCi/mL	AT	EPA900.0M
0	Potassium-40	75E46*4 6E-08				39E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	3 1E-08±1 4E-08	UI			34E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	1 1E47*46E4J6				74E400	µCi/mL	AT	EPA901.1M
0	Potassium-40	7.8E-08±7.7E-08				74E+O0	µCi/mL	AT	EPA901.1M
0	Promethium-144	-1 2E4)W22E~	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Prornalhilsn-144	-1.4E-10&94E-10	UI			34E+o0	µCi/mL	GP	EPIA-013
0	Promethium-144	0 0E+00	UI			1 9E+00	µCi/mL	AT	EPA901.1M
0	Promethium-144	0.0E+00	UI			3 6E+00	µCi/mL	AT	EPA901.1M
0	Promethium-146	-1.2E-09±2.7E-09	UI			4 6E+00	µCi/mL	GP	EPIA-013
0	Promethium-148	26E-10*1 2E-09	UI			4 2E+00	µCi/mL	GP	EPIA-013
0	PmrnaWlsrr-146	0 0E+00	UI			3 9E+00	µCi/mL	AT	EPA901.1M
0	Promethium-146	0.0E+00	UI			5 6E+00	µCi/mL	AT	EPA901.1M
0	Ruthenium-106	-6.6E-09±1.8E-08	UI			3 0E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 5E-08±1.0E-08	UI			3 9E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	0 0E+00	UI			1 6E+01	µCi/mL	AT	EPA901.1M
0	Ruthenium-106	0.0E+00	UI			2 6E+01	µCi/mL	AT	EPA901.1M
0	Sodium-22	-3 9E-10±2 0E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.5E-09±8.7E-10	UI			2 6E+00	µCi/mL	GP	EPIA-013
0	Sodium-22	0 0E+00	UI			2 0E+00	µCi/mL	AT	EPA901 1M
0	Sodium-22	0 0E+00	UI			3 8E+00	µCi/mL	AT	EPA901.1M
0	Thorium-234	7 5E-08±1 5E-07	UI			1 8E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	1 3E-07±4 5E-08	UI			1 6E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	0 0E+00	UI			59E+01	µCi/mL	AT	EPA901 1M
1	Thorium-234	2.8E-07±1 4E-07				63E+o0	µCi/mL	AT	EPA901.1M
0	Tin-113	1.3E-09±2.8E-09	UI			5 1E+00	µCi/mL	GP	EPIA-013
0	Tin-113	-6.7E-10±1.8E-09	UI			: 5E+00	µCi/mL	GP	EPIA-013
0	Tritium	7.9E-08±3.0E-07	UI			1E+02	µCi/mL	GP	EPIA-002
0	Tritium	-3 1E-07±4 4E-07	UI			74E+02	µCi/mL	AT	EPA906.0M
0	Yttrium-88	-4.5E-10±2.0E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Yttrium-88	2 5E-09±1.8E-09	UI			77E+O0	µCi/mL	GP	EPIA-013
0	Yttrium-88	0 0E+00	UI			2 5E+00	µCi/mL	AT	EPA901 1M
0	Yttrium-88	o 0E+00	UI			5 3E+00	µCi/mL	AT	EPA901 1M
0	Zinc-65	3 6E-09±3 2E-09	UI			5 1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	1 2E-09±2 1E-09	UI			8 1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	0 0E+00	UI			47E+O0	µCi/mL	AT	EPA901 1M
0	Zinc-65	0 0E+00	UI			8 0E+00	µCi/mL	AT	EPA901 1M
0	Zirconium-95	4 %4)9*47E49	UI			6 6E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	1 IE-10~36E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013

WELL HAA ITA Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 110.S3 ft (33.69 m) below TOC
Water elevation: 181,67 ft (55,37 m) msl
pH: 6.4
Sp. conductance: 79 µS/cm
Turbidity: 2 NTU
Water evacuated from the **well prior to sampling**: 365 gal

Time: 12:01
Water temperature: 20 4 "C
: I % : I ? ! % f ' 3 °
Phenol thalein alkalinity O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate e s nitrogen	140				60	µg/L	WA	EPA3532
O	Nitrate-nitrite aS nitrogen	4,520	J	I	H	400	µg/L	GE	EPA353 1
0	Sodium, total recoverable	2,570				100	µg/L	G E	EPA6010

Well HAA 1TA collected on 05/01/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Sodium, total recoverable	2,550		v		47	µg/L	WA	EPA2007
0	Actinium-228	-6 E.10t72E~	UI			1 3E+01	µCi/mL	GP	EPIA-013
o	Actinium-228	4 9E-09±3 4E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	0 0E+00	UI			1 1E+01	µCi/mL	AT	EPA901 1M
0	Actinium-228	0.0E+00	UI			6 0E+00	µCi/mL	AT	EPA901 1M
0	Antimony-124	.23E-10fil 8E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Antimony-124	-1 9E-09±2 3E-09	UI			8 0E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	1 3E-10±5 5E-09	UI			96E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	-1 4E-10±2 8E-09	UI			97E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	0.0E+00	UI			4 6E+00	µCi/mL	AT	EPA901 1M
0	Barium-133	-1.4E-09±3 1E-09	UI			46E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	16E-1OM 3E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	33E09il 3E-08	UI			24E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	77Em7.4E4B	UI			2 7E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	0 0E+00	UI			1 0E+01	µCi/mL	AT	EPA901 1M
0	Cesium-134	1.7E-10±1.9E-09	UI			34E+W	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.5E-11±1.1E-09	UI			34E+W	µCi/mL	GP	EPIA-013
0	Cesium-134	0.0E+00	UI			1 9E+00	µCi/mL	AT	EPA90 M
0	Cesium-137	-4.5E-11±1 9E-09	UI			35E+O0	µCi/mL	GP	E IA-0
0	Cesium-137	29E-lod 0E-09	UI			3 7E+00	µCi/mL	GP	E IA-0
0	Cesium-137	o 0E+00	UI			1 7E+00	µCi/mL	AT	EPA90 M
0	Cobalt-57	1.6E-09±1 9E-09	UI			3 0E+00	µCi/mL	GP	E IA-0
0	Cobalt-57	-1 3E-09±9 2E-10	UI			3 1E+00	µCi/mL	GP	E IA-0
0	Cobalt-57	0.0E+00	UI			1 1E+00	µCi/mL	AT	EPA90 M
0	Cobalt-58	-7.6E-10Q.W-O9	UI			34E+O0	µCi/mL	GP	EPIA-0
0	Cobalt-58	3OE-1*19Ea	UI			7 0E+00	µCi/mL	GP	EPIA-0
0	Cobalt-60	36E-1OA1 6E-09	UI			33E+O0	µCi/mL	GP	E IA-0
0	Cobalt-60	-1.6E-1W6OE-10	UI			3 1E+00	µCi/mL	GP	E IA-0
0	Cobalt-60	o 0E+00	UI			1 6E+00	µCi/mL	AT	EPA90 M
0	Europium-152	25E4)SM 9E-09	UI			1 1E+01	µCi/mL	GP	E IA-0
0	Europium-152	47E43i3 1E-09	UI			9 0E+00	µCi/mL	GP	E IA-0
0	Europium-152	o 0E+00	UI			6 3E+00	µCi/mL	AT	EPA90 M
0	Europium-154	1 3E-08±1 6E-08	UI			3 3E+01	µCi/mL	GP	E IA-0
0	Europium-154	1 2E-08±9 1E-09	UI			37E+01	µCi/mL	GP	E IA-0
0	Europium-154	0.0E+00	UI			5 4E+00	µCi/mL	AT	E A90 M
0	Europium-155	-2 6E4JS*73E4M	UI			1 3E+01	µCi/mL	GP	E IA-0
0	Europium-155	1 8E-09±3 4Eti	UI			12E+01	µCi/mL	GP	E IA-0
0	Europium-155	0 0E+00	UI			46E+O0	µCi/mL	AT	EPA90 M
0	Gross alpha	3 0E-09±1 2E-09				13E+O0	µCi/mL	GP	E IA-00
0	Gross alpha	1.4E-09±6 3E-10	UI			1 7E+00	µCi/mL	AT	EPA900 0M
0	Lead-212	1 2E-09±4 SE-OS	UI			63E+O0	µCi/mL	GP	E IA-0
0	Lead-212	96E-loi3 0E-09	UI			6 8E+00	µCi/mL	GP	E IA-0
0	Lead-212	0 0E+00	UI			2 7E+00	µCi/mL	AT	EPA90 M
0	Manganese-54	1 2E-09±2 3E-09	UI			33E+~	µCi/mL	GP	E IA-0
0	Manganese-54	6 8E-14±1 1E-09	UIV	v		4 0E+00	µCi/mL	GP	IA-0
0	Manganese-54	o 0E+00	UI			2 0E+00	µCi/mL	AT	A90 M
0	Neptunium-239	2.2E-09±1.3E-08	UI			23E+01	µCi/mL	GP	IA-0
0	Neptunium-239	-2.4E-09±6.3E-09	UI			22E+01	µCi/mL	GP	IA-0
0	Nonvolatile beta	3 0E-09±10E-09				1 8E+00	µCi/mL	GP	E IA-00
0	Nonvolatile beta	33E~6 2E-10				2 1E+00	µCi/mL	AT	A900 0M
0	Potassium-40	1 8E-08±3 1E-08	UI			3 8E+01	µCi/mL	GP	IA-0
0	Potassium-40	4.3E-08±1 7E-08				36E+01	µCi/mL	GP	IA-0
0	Potassium-40	5.2E-08±4.3E-08				74E400	µCi/mL	AT	A90 M
0	Promethium-144	4.2E-1OM.6E49	UI			33E+W	µCi/mL	GP	EPIA-013
0	Promethium-144	6 6E-10±1.1E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Promethium-144	0.0E+00	UI			2 0E+00	µCi/mL	AT	EPA901.1M
0	Promethium-146	-1 6E-09±2 6E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.3E-10±1 2E-09	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	0.0E+00	UI			34E+O0	µCi/mL	AT	EPA901.1M
0	Ruthenium-106	-8.8E-09±1.7E-08	UI			3 0E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	53E-10S6 7E-09	UI			3 3E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	0.0E+00	UI			1 7E+01	µCi/mL	AT	EPA901.1M
0	Sodium-22	-1 9E-09±1 6E-09	UI			27E+O0	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.5E-10±1.1E-09	UI			: 0E+00	µCi/mL	GP	EPIA-013
0	Sodium-22	0.0E+00	UI			9E+00	µCi/mL	AT	EPA901.1M
0	Thorium-234	67E~~I 0E-07	UI			17E+02	µCi/mL	GP	EPIA-013
1	Thorium-234	26E47*9 8E-08				1 2E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	o 0E+00	UI			69E+01	µCi/mL	AT	EPA901 1M
0	Tin-113	1 5E-09±2 5E-09	UI			45Eioo	µCi/mL	GP	EPIA-013
0	Tin-113	3 5E-09±1.9E-09	UI			69E+O0	µCi/mL	GP	EPIA-013
0	Tritium	-1 8E-07±2.9E-07	UI			51E+02	µCi/mL	GP	EPIA-002
0	Tritium	-2 6E47&44E47	UI			7 4E+02	µCi/mL	AT	EPA906 OM
0	Tritium	-3 7E-07*44Ea7	UI			7 4E+02	µCi/mL	AT	EPA906 OM
0	Yttrium-88	-1 5E-10±2 2E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Yttrium-88	-3.9M6*16E4)9	UI			42E+o0	µCi/mL	GP	EPIA-013
0	Yttrium-88	o.0E+00	UI			23E+O0	µCi/mL	AT	EPA901 1M
0	Zinc-65	-1 2EXJ9*33EQ9	UI			57E+O0	µCi/mL	GP	EPIA-013

Well HAA ITA collected on 05/01/9S (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Zinc-65	-3.1 E-09±2 4E-09	UI			8 0E+00	µCi/mL	GP	EPIA-013
o	Zinc-65	0.0E+00	UI			4 0E+00	µCi/mL	A T	EPA901.1M
o	Zirconium-95	-6 OE-10~34E@	UI			6 0E+00	µCi/mL	G P	EPIA-013
o	Zirconium-95	-1 8E-09~37EQ9	UI			1 3E+01	µCi/mL	G P	EPIA-013

WELL HAA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sampto date: 05/02/65
Depth to water: 115.42 ft (35.10 m) below TOC
Water elevation: 177.88 R (54.22 m) msl
pH: Not available
Sp. conductance: Not ● vdtabla
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 13:03
Water temperature: Not ● feltabla
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HAA 2AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/95
Depth to water: 115.21 n (35.12 m) below TOC
Water elevation: 176.19 ft (64.31 m) msl
pH: 11.8
Sp. conductance: 692 µS/cm
Turbidity: 0 NTU
Water evacuated from the wait prior to sampling: 66 gat

Time: 12:02
water temperature: 21 °C
Air temperature: 20 6 °C
Alkalinity: 160 mg/L
Phenolphthalein alkalinity: 1 OS mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite ● s nitrogen	350	J	I	H	100	µg/L	GE	EPA3531
0	Nitrate-nitrite ● s nitrogen	320	J	I	H	100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	6,5S0				100	µg/L	GE	EPA6010A
0	Actinium-228	32E-10tl 7E-08	UI			15E+OI	µCi/mL	GP	EPIA-013
0	Antimony-124	4 3E-09±2 4E-09	UI			4 3E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	1 5E-09±6 2E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Barium-133	24E-06t3 2E-09	UI			53E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	1.8E-09±1 7E-08	UI			2 SE*01	µCi/mL	GP	EPIA-013
0	Cesium-134	29E-1OO 5E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	3.4E-11±2.4E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.6E-10Q.3E4I9	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	1. SE-1OU 4E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	6OE-Ifh.24Em	UI			4E+00	µCi/mL	GP	EPIA-013
0	Europium-152	2.2E-09±6.4E-09	UI			: 2E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-1.9E-08±2.1E-08	UI			34E+01	µCi/mL	GP	EPIA-013
0	Europium-155	4 1E-10±9 1E-09	UI			1 6E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1.5E4M*99E-10	J	c		1 4E+00	µCi/mL	GP	EPIA-001
0	Lead-212	o 0E+00	UI			83E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	1 6E-10±2 2E-09	UI			39E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	1.2E-08±1 7E-08	UI			3 0E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	49E4)W1 1E-09				16E+O0	µCi/mL	GP	EPIA-001
0	Potassium-40	2.4E-08±4.2E-08	UI			36E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-8.7E-11±2.2E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	1.9E-09±3.0E-09	UI			5 6E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-6.6E-09±2 0E-08	UI			3 4E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.6E-1OQ2E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	4.9E-08±1.8E-07	UI			20E+02	µCi/mL	GP	EPIA-013
0	Tin-113	4.6E-1OM.E49	UI			47E+o0	µCi/mL	GP	EPIA-013
0	Tritium	1.1E-07±3.0E-07	UI			51E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-2.7E-10i26E-09	UI			49E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	5.8E-09±5.3E-09	UI			9 6E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1 6E49t43E4)9	UI			72E+O0	µCi/mL	GP	EPIA-013

WELL HAA 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05102/95
Depth to water: 39.02 ft (11.89 m) below TOC
Water elevation 253.96 ft (77.41 m) msl
pH: 6.5
Sp. conductance 107 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling: 57 gal

Time 12.33
Water temperature. 21.5 °C
Air temperature: 20.2 °C
Alkalinity: 24 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	1.860	J	I	H	100	µg/L	GE	EPA353 1
0	Sodium, total recoverable	9,300				100	µg/L	GE	EPA6010A
0	Actinium-228	-1 5E-09±6.5E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	1 7E-10±1.8E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.7E-10±5 6E-09	UI			97E+W	µCi/mL	GP	EPIA-013
0	Barium-133	35E4W.2 8E-09	UI			4 9E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	1 2E-08±13E-08	UI			24E+OI	µCi/mL	GP	EPIA-013
0	Cesium-134	5 5E-10±1 9E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	1.8E-11±2.1E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1 SE-toil 7E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	-3.7E-10U.1E.O9	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	1 4E-10±1 6E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Europium-152	4.3E-09±5.7E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-4 3E-09±1 9E-08	UI			3 4E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-4.3E-09±7.2E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	5 0E-10±6 0E-10	UIJ	'c		12E+00	µCi/mL	GP	EPIA-001
0	Lead-212	24E4S:5 4E-09	UI			6 2 E -	µCi/mL	GP	EPIA-013
0	Manganese-54	43E4S*3 4E-09				3 3E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	S 4E-09±13E-08	UI			2 3E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	23E-OM 9E-10				16E400	µCi/mL	GP	EPIA-001
0	Potassium-40	7.8E-09±3.5E-08	UI			34E+OI	µCi/mL	GP	EPIA413
0	Proma4hilan-144	-4 3E-10*1 8E-09	UI			32E400	µCi/mL	GP	EPIA-013
0	Promethium-146	-2. 1E-09±2.6E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	27E49~t 5E-08	UI			2 9E+01	µCi/mL	GP	EPIA-013
0	sodium-22	1 1E-10±20E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	67E-OW.IE-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-2 0E-09±2 5E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Tritium	-2 4E-i29E-07	UI			51E402	µCi/mL	GP	EPIA-002
0	Yttrium-88	-9 2E-10±1.9E-09	UI			3 4E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	46E.1O*3 4E-09	UI			64E400	µCi/mL	GP	EPIA-013
0	Zirconium-95	9.6E-10fi32E4)S	UI			82E600	µCi/mL	GP	EPIA-013

WELL HAA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/95
Depth to water: 37.52 ft (11.44 m) below TOC
Water elevation: 25496 ft (77.72 m) msl
pH: 5.5
Sp. conductance: 22 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 41 gal

Time: 10:06
Water temperature: 19,6 °C
Air temperature: 17.5 °C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	240	J	I	H	100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,360				100	µg/L	GE	EPA6010A
0	Actinium-228	1 9E-09±7 1E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	3 8E-10±1 9E-09	UI			36E@0	µCi/mL	GP	EPIA-013
0	Antimony-125	22E-0St5.2E-09	UI			97E4W	µCi/mL	GP	EPIA-013
0	Barium-133	-2 8E-09±3 0E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-2 7E-09±1 4E-08	UI			24E401	µCi/mL	GP	EPIA-013
0	Cesium-134	-3 6E.1OS22E-OS	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-1 5E-0W22E49	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6.5E-10±1.8E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	5 1E-10±2 1E-09	UI			38E400	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.9E-11±2.2E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-2.1 E-1 OS66E4S	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-1.4 E-08±2.3E-08	UI			33E401	µCi/mL	GP	EPIA-013
0	Europium-155	37E~7 SE-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1 3E-10±3 6E-10	UIJ	c		83E431	µCi/mL	GP	EPIA-001
0	Lead-212	S 8E-09±5 8E-09	UI			73E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	-6 3E-10±2 2E-09	UI			32E +00	µCi/mL	GP	EPIA-013

well HAA 2C collected on 05/02/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Neptunium-239	28E4)W1 4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	23E-09i9 2E-10				16E4W	µCi/mL	GP	EPIA-001
0	Potassium-40	1 2E-08±4 0E-08	UI			37E+01	µCi/mL	GP	EPIA-013
0	Promethium-1 44	25E4J9s2 0E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	1 7E-0W26E4J9	UI			4 9E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.1E-08±1.3E-08	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-2 5E-10±1.9E-09	UI			35E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	1 3E-07±12E-07	UI			1 8E+02	µCi/mL	GP	EPIA-013
0	Tin-113	24E-10i2 7E-09	UI			5 0E+00	µCi/mL	GP	EPIA-013
0	Tritium	1 2E41M34E-07				5 1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	3.9E4)W46E-09	UI			48E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	-2 IE-0W53E-09	UI			8 0E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1 6E-09±3 1E-09	UI			53E+o0	µCi/mL	GP	EPIA-013

WELL HAA 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/95
Depth to water: 16.37 ft (4.99 m) below TOC
Water elevation: 27653 ft (84.29 m) msl
pH: 5.1
Sp. conductance: 31 µS/cm
Turbidity 1 NTU
Water evacuated from the well prior to sampling: 14 gal

Time: 10:38
Water temperature: 21 °C
Air temperature:
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Re	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	1,020	J	I	H	100	µg/L	GE	EPA3531
0	Sodium, total recoverable	3,400				100	µg/L	GE	EPAA010A
0	Actinium-228	5IEmk74E4)9	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	2.0E-09±4.2E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-7.5E-1OU 2E-09	UI			33E400	µCi/mL	GP	EPIA-013
0	Antimony-124	44E-10i2 1E-09	UI			7 0E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	64E4S*5 7E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Antimony-125	4.2E-09±2.7E-09	UI			10E401	µCi/mL	GP	EPIA-013
0	Barium-133	-5 3E-10i26E-09	UI			4 6E+00	µCi/mL	GP	EPIA-013
0	Barium-133	-1 5E-09±12E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.1E-08±1 4E-08	UI			22E601	µCi/mL	GP	EPIA-013
0	Cerium-144	23E-09&7 1E-09	UI			26E401	µCi/mL	GP	EPIA-013
0	Cesium-134	1.7 E-09±1.9E-09	UI			3 4E+00	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.4E-10±1 0E-09	UI			3 2E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	1 0E-09±2 1E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	1.IE-0W94E-10	UI			37E400	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.2E-10±1 8E-09	UI			31E400	µCi/mL	GP	EPIA-013
0	Cobalt-57	37E-10*9 3E-10	UI			34E400	µCi/mL	GP	EPIA-013
0	Cobalt-58	4 0E-11±19E-09	UI			34E400	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.0E-08±2.4E-09				6 6E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3,6E-loi20E439	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	9.5E-10±1 0E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-3 3E-09±6.1E-09	UI			08E400	µCi/mL	GP	EPIA-013
0	Europium-152	1 4E-0LM26E4)9	UI			93E+o0	µCi/mL	GP	EPIA-013
0	Europium-154	S.SE-tNil 9E-08	UI			37E401	µCi/mL	GP	EPIA-013
0	Europium-154	-1 SE-W*93E-09	UI			29E601	µCi/mL	GP	EPIA-013
0	Europium-155	7.0E-10±7.4E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-4 6E-10t35E419	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	-1.3E-10±3.7E-10	UIJ	c		1 2E+00	µCi/mL	GP	EPIA-001
0	Lead-212	7 1E-10±6 0E-09	UI			58E400	µCi/mL	GP	EPIA-013
0	Lead-212	1 4E&M25EQ9	UI			69E400	µCi/mL	GP	EPIA-013
0	Manganese-54	6.2E-10±1.9E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-1 3E-09±11E-09	UIV	v		3 6E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	-1 6E-09±13E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	-6 IE-09t59E4J9	UI			2 0E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile bsta	-2 4E-10±7 OE-10	UI			1 8E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	2 0E-08±1 4E-OS	UI			23E 401	µCi/mL	GP	EPIA-013
0	Potassium-40	33E-OW1 1E-08	UI			46E401	µCi/mL	GP	EPIA-013
0	Promathii-144	31E-1OU 0E-09	UI			36E+W	µCi/mL	GP	EPIA-013
0	Prornafhii-144	37E-09tl 6E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Promafhiurn-146	-1.9E-09±2 5E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Promethium- 146	25E-OW1 3E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	67E-osil 8E-08	UI			33E401	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 3E-08±9 4E-09	UI			37C401	µCi/mL	GP	EPIA-013
0	Sodium-22	9 3E-10±2 0E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	sodium-22	1 2E-09±1 5E-09	UI			2 8E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	1 2E-07±1 6E-07	UI			1 9E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	1 SE 08*5 8E-08	UI			1 5E+02	µCi/mL	GP	EPIA-013

Well HAA 20 collected on 05/02195 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Th-113	-2 3E4)9i25E-06	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Tin-113	22E-09&t 9E-09	UI			6 9E+00	µCi/mL	GP	EPIA-013
1	Tritium	1 8E-05±1 5E-06				1 1E+03	µCi/mL	GP	EPIA-002
o	Yttrium-88	6OE.1OA20E4JS	UI			46E+O0	µCi/mL	GP	EPIA-013
o	Yttrium-88	1 1E-09±1 5E-09	UI			64E+o0	µCi/mL	GP	EPIA-013
o	Zinc-65	0 0E+00	UI			67E+o0	µCi/mL	GP	EPIA-013
o	Zinc-65	45E4JS~3 0E-09	UI			79E+O0	µCi/mL	GP	EPIA-013
o	Zirconium-95	-7 5E-10±3.6E-09	UI			6 2E+00	µCi/mL	GP	EPIA-013
o	Zirconium-95	66E-1023 0E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013

WELL HAA 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 06/02/s5
Depth to water: S9.56 ft (3).35 m) below TOC
Water elevation: 176.14 ft(53.69 m) **msl**
pH: 6.8
Sp. conductance: 75 µS/cm
Turbidity: 0 NTU
Water evacuated from **the well** prior **to sampling**: 35 gal

Time: 11:03
Wah3rtemparakre:208 "C
Air temperature: 18.5 "c
Alkalinity: 27 mg/L
Phenolphthalein ● lkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Cyanide	<20				20	µg/L	GE	EPA3353
1	Nitrat●rdtrdo e nitrogen	6,080	J	I	H	400	µg/L	GE	EPA353.1
0	Sodium, total recoverable	8,460				100	µg/L	GE	EPA6010A
0	Actinium-228	0 0E+00	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	4.1E-09±6.8E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-5 SE-1W22E4S	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Antimony-124	-9.5E-10±2 1E-09	UI			72E+o0	µCi/mL	GP	EPIA-013
0	Antimony-125	5 0E-10±5 IE-	UI			94E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	32E-0W2 6E-09	UI			9 9E+00	µCi/mL	GP	EPIA-013
0	Barium-133	7 9E-10±2 8E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	1 2E-09±1.2E-09	UI			: 4E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-1 6E-09±13E-08	UI			3E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	-1 5E-08±7.1E-09	UI			24E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.2E-09±1.9E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cesium-134	3 1E-10±9 0E-10	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	25E-1OU. 1E-09	UI			34EW0	µCi/mL	GP	EPIA-013
0	Cesium-137	56E-lm9 0E-10	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 6E-10±1 6E-09	UI			29E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.4E-1OW6E-1O	UI			34E400	µCi/mL	GP	EPIA-013
0	Cobalt-58	-7.2E-1OM.W4IS	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	6 SE-1 ON.*4)S	UI			69E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	66E-1OL2 0E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.9E-1OM.7E-1O	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-5.2E4W63E4S	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Europium-152	-1 2E-09±2 SE-OS	In			9 7E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-1 7E-09±9 2E-09	UI			1 6E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-1 6E-09±9.6E-09	UI			36E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-1 .0E-09±7.5E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Europium-155	2.4E-09±3.4E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	3 LE-1U5.4E-1O	UIJ	c		1 2E+00	µCi/mL	GP	EPIA-001
0	Lead-212	o 0E+00	UI			6 0E+00	µCi/mL	GP	EPIA-013
0	Lad-212	0.0E+00	In			77E+o0	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.1E-09±1.9E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	4.5E-10±9.9E-10	UIV	v		37E+o0	µCi/mL	GP	EPIA-013
0	Neptunium-239	-7 4E-09±1.3E-08	UI			23E401	µCi/mL	GP	EPIA-013
0	Neptunium-239	-2.8E-09±6.1E-09	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 9E-10±6 9E-10	UI			16E+O0	µCi/mL	GP	EPIA-001
0	Potassium-40	7 3E-09±2 0E-08	UI			39E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	1.9E-08±1.2E-08	UI			46E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-2 4E-09±2.0E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Promethium-144	1 4E-09±3 3E-09	UI			35E+W	µCi/mL	GP	EPIA-013
0	Promethium-146	8.5E-10±2.2E-09	UI			42E+o0	µCi/mL	GP	EPIA-013
0	Promethium-146	-9.1E-10±1.2E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	4.9E-09±1.8E-08	UI			34E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-5.8E-09±9 4E-09	UI			33E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	1.8E-09±2.1E-09	UI			32E+o0	µCi/mL	GP	EPIA-013
0	Sodium-22	-4.2E-10±8.6E-10	UI			32E+W	µCi/mL	G?	EPIA-013
0	Thorium-234	1 7E-07±1 0E-07	UI			1 8E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	1 9E-07±9 3E-08				1 3E+02	µCi/mL	GP	EPIA-013
0	Tin-113	1.7E-09±2.3E-09	UI			44E+W	µCi/mL	GP	EPIA-013
0	Tin-113	-1 9E-09±1 7E-09	UI			59E*o0	µCi/mL	GP	EPIA-013
0	Tritium	-2 0E-07±2 9E-07	UI			5 1E+02	µCi/mL	GP	EPIA-002

Well HAA 3A collected on 05/02/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
O	Yttrium-88	- 1 3E-12±1 6E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
O	Yttrium-88	43E-10~1 4E-09	UI			54E+O0	µCi/mL	GP	EPIA-013
o	Zinc-65	43E-1M4 0E-09	UI			64E+O0	µCi/mL	GP	EPIA-013
o	Zinc-65	-2.4E-09±2.1E-09	U?			73E+O0	µCi/mL	GP	EPIA-013
O	Zirconium-95	38E-1w5 6E-09	UI			64E+O0	µCi/mL	GP	EPIA-013
o	Zirconium-95	36E41W3 9E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013

WELL HAA 3AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/95
Depth to water: 101.09 ft (30.81 m) **below TOC**
Water elevation: 175.41 ft (53,47 m) **msl**
pH: 6.6
Sp conductance: 109 µS/cm
Turbidity: O NTU
Water evacuated from **the** well **prior to** sampling: 60 gal

Time: 11:57
Water temperature: 2L "c
Air temperature: 22.6 °C
Alkalinity: 45 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Barium, total recoverable	35				3.0	µg/L	GE	EPA601OA
0	cyanide	<20				20	µg/L	GE	EPA335.3
0	Lead, total recoverable	<25				25	µg/L	GE	EPA6010A
2	Manganese, total recoverable	66				2.0	µg/L	GE	EPA6010A
0	Nickel, total recoverable	2.3	J	E		10	µg/L	GE	EPM91OA
0	Nitrate-nitrite as nitrogen	340	J	I	H	100	µg/L	GE	EPA353.1
0	Silver, total recoverable	<06!5				0.65	µg/L	GE	EPASO1OA
0	Sodium, total recoverable	2 , .*				100	µg/L	GE	EPA6010A
0	Sodium, total recoverable	2,910				100	µg/L	GE	EPMO1OA
0	Actinium-228	3.8E-09±9.0E-09	UI			17E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-3.8E-10±2.6E-09	UI			45E400	µCi/mL	GP	EPIA-013
0	Antimony-125	42E4xM6 4E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Barium-133	56E-11*3 0E-09	UI			54E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	6 0E-09±1.7E-08	UI			3 0E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	1 9E-09±2 7E-09	UI			45E400	µCi/mL	GP	EPIA-013
0	Cesium-137	46E419i4 6E-09				4 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 1E-09±2.2E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	2 9-09±2 3E-09	UI			45E+a	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.6E-10±2.4E-09	UI			: 5E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-4.9E-09±7.5E-09	UI			2E+01	µCi/mL	GP	EPIA-013
0	Europium-154	7.9E-09±3.3E-08	UI			47E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-5.9E-09±9.2E-09	UI			16E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	67E-1oM 9E-10	UIJ	c		95E41	µCi/mL	GP	EPIA-001
0	Lead-212	o 0E+00	UI			7 1E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	1.0E-09±2.5E-09	UI			: 5E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	-3.3E-09±1.6E-08	UI			0E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	9 9E-10±7 9E-10	UI			1 6E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	1 7E-09±4.5E-08	UI			46E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-1 7E-09±2 3E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	-6.3E-10±3.0E-09	UI			53E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	4. 1E-09±2.0E-08	UI			3 6E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-9 4E-1OQ 6E-09	UI			: 6E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	-1 3E-08±1 4E-07	UI			2E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1 4E-09±3 1E-09	UI			54E@0	µCi/mL	GP	EPIA-013
0	Tritium	-2 6E47s29E4)7	UI			51E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-3.0E-10±2.3E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	o 0E+00	UI			7 9E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	4OE-IW43E~	UI			68E+O0	µCi/mL	GP	EPIA-013

WELL HAA 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/95
Depth to water: 34.26 ft (1).45 m) below TOC
Water **elevation**: 24062ft(73.4 m) **msl**
pH: 4.1
Sp. conductance: 126 µS/cm
Turbidity: 1 NTU
Water evacuated from the well **prior** to sampling 21 **gal**
The wall **went** dry during purging

Time: 8:43
Water temperature: 17 "C
Air temperature: 14.1 "C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: O mg/L

Well HA collected on 05/03/95 (cont)

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	410	J	I	H	100	µg/L	GE	EPA353.1
0	Sodium, told recoverable	2,060				too	µg/L	GE	EPA6010A
O	Actinium-228	-4 5E-10±7 3E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
O	Antimony-124	-1 5E-09±1 9E-09	UI			3 2E+00	µCi/mL	GP	EPIA-013
o	Antimony-125	-3 7E-09±6 1E-09	UI			99EM31J	µCi/mL	GP	EPIA-013
0	Barium-133	2 9E-09±2 9E-09	UI			5 0E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-6 9E-09±1 3E-08	UI			23E401	µCi/mL	GP	EPIA-013
O	Cesium-134	82E-10tl SE-OS	UI			3 SE+00	µCi/mL	GP	EPIA-013
O	Cesium-137	1 6E-09±2 0E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
o	Cobalt-57	-1 7E-10±17E-09	UI			2 9E+00	µCi/mL	GP	EPIA-013
o	Cobalt-58	-8 6E-10±21E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
o	Cobalt-60	1 2E-09i22E4M	UI			4 4E+00	µCi/mL	GP	EPIA-013
O	Europium-152	-5 5E-0S162E#	UI			1 0E+01	µCi/mL	GP	EPIA-013
O	Europium-154	-5 3E-09±19E-08	UI			32E+01	µCi/mL	GP	EPIA-013
O	Europium-155	-1 SE-10*7 6E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
o	G raipha s	36E-10:5 1E-10	UIJ	c		1 1E+00	µCi/mL	GP	EPIA-001
o	Lead-212	2 8E-09±5 9E-09	UI			5 9E+00	µCi/mL	GP	EPIA-013
O	Manganese-54	-3 4E-10±19E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
O	Neptunium-239	-8 7E-09±1 4E-08	UI			23E+01	µCi/mL	GP	EPIA-013
o	Nonvolatile beta	1 IE-0S&74E-10	UI			1 SE*W	µCi/mL	GP	EPIA-001
o	Potassium-40	16E-06i2 2E-08	UI			45E+01	µCi/mL	GP	EPIA-013
o	Promethium-144	7 8E-10±1SE-OS	UI			3 6E+00	µCi/mL	GP	EPIA-013
o	Promethium-146	2 IE-0W27E4S	UI			5 0E+00	µCi/mL	GP	EPIA-013
O	Ruthenium-106	4 1E-09±18E-08	UI			33E+01	µCi/mL	GP	EPIA-013
o	sodium-22	7 5E-11±2 0E-09	UI			3 7E+00	µCi/mL	GP	EPIA-013
O	Thorium-234	38E46M. 1E-07	UI			1 8E+02	µCi/mL	GP	EPIA-013
O	Tin-113	-7 SE-1 OQ,6E4)9	In			43E*O0	µCi/mL	GP	EPIA-013
O	Tritium	1.4E-07±3.6E-07	In			62E+02	µCi/mL	GP	EPIA-002
o	Yttrium-88	-1 9E-10±2 1E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
o	Zinc-65	1.6E-09±4.1E-09	UI			78E *OO	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1 6E-09±3 5E-09	UI			6 1E+00	µCi/mL	GP	EPIA-013

WELL HAA 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/95
Depth to water: 30.31 ft (9.24 m) below TOC
Water elevation: 243.99 ft (74.37 m) msl
pH:5.4
Sp conductance: 22 µS/cm
Turbidity: O NTU
Water evacuated from the well prior to sampling: 31 gel

Time: 13:54
Water temperature: 21.1 °C
Air temperature: 28.7 °C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite e nitrogen	130	J	I	H	100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,210				100	µg/L	GE	EPA6010A
0	Actinium-228	3 2E-09±8.1E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	37E-1OM.2E4)S	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.0E-09±6.0E-09	UI			9 8E+00	µCi/mL	GP	EPIA-013
0	Barium-133	7SE-1U31E4S	UI			4 8E+00	µCi/mL	GP	EPIA-013
0	Cerium-144 -	2.2E~ti 2E-08	In			2 6E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	23E-1OQ.1E4S	UI			3 8E+00	µCi/mL	GP	EPIA-013
0	Cesium-137 .	9.0E-10±1.9E-09	UI			3.7E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5 0E-10±1.9E-09	UI			32E+W	µCi/mL	GP	EPIA-013
0	Cobalt-58	-5.6E-1OQ.1E-OS	UI			37E400	µCi/mL	GP	EPIA-013
0	Cobalt-60	7 9E-11±1.9E-09	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Europium-152	1 4E-09±6 3E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	22E~i2 0E-08	UI			3 6E+01	µCi/mL	GP	EPIA-013
0	Europium-155	1 5E-09±7 8E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	75E-1OM SE-10	UIJ	c		9 6E-01	µCi/mL	GP	EPIA-001
0	Lead-212	3.6E-09±6.0E-09	UI			62E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-9 0E-10±2 0E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4 8E-09±1.4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.7E-10±7.4E-10	UI			17E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	-3.0E-09±1.9E-08	UI			36E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	1 3E419i22E~	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	1.2E-09±2 9E-09	UI			5 1E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.1E-08±1.8E-08	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	sodium-22	2 0E-09±18E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	33E~~I.2E-07	UI			1 9E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-9 0E-11±2 9E-09	UI			5 0E+00	µCi/mL	GP	EPIA-013
0	Tritium	-2 2E47i29E4)7	UI			5 1E+02	µCi/mL	GP	EPIA-002

Well HAA 3C collected on 05/02/95 (cent)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Yttrium-88	-4 1E-12±2 3E-09	UI			4 5E+00	µCi/mL	GP	EPIA-013
o	Zinc-65	1 1E-09±4 5E-09	UI			76E+O0	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1 7E41'W34E419	UI			59E+O0	µCi/mL	GP	EPIA-013

WELL HAA 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/95
Depth to water: 13.53 ft (4.12 m) below TOC
Water elevation: 259 67 ft (79.15 m) msl
pH: 5 8
Sp. conductance 75 µS/cm
Turbidity: 63 NTU
Waler evacuated from the **well prior** to sampling 28 **gal**

Time: 15:01
Water temperature: 20.9 °C
Air temperature: 23 3 °C
Alkalinity: 14 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
O	Nitrate-nitrite aa nitrogen	1,0s0	J	I	H	100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	12,000				100	µg/L	GE	EPA6010A
0	Actinium-228	63E4Stl 3E-08	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	1 4E-09±2 0E-09	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	6.5E-09±5.5E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Barium-133	-3 0E-09±31E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
o	Cerium-144	-3 3E-09±15E-08	UI			25E+01	µCi/mL	GP	EPIA-013
O	Cesium-134	1 2E-10±2 1E-09	UI			33E+W	µCi/mL	GP	EPIA-013
o	Cesium-137	2.9E-09±2.6E-09	UI			38E+m	µCi/mL	GP	EPIA-013
o	Cobalt-57	-6 6E-11±2 0E-09	UI			33E4W	µCi/mL	GP	EPIA-013
o	Cobalt-58	-1 1E-09±2 3E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
o	Cobalt-60	-9.8E-10±1.9E-09	UI			3 2E+00	µCi/mL	GP	EPIA-013
O	Europium-152	3.9E-09±5.8E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
O	Europium-154	-6 5E-09±21E-08	UI			37E+OI	µCi/mL	GP	EPIA-013
O	Europium-155	-1.1 E-1 OM6E-OS	UI			1 5E+01	µCi/mL	GP	EPIA-013
o	Gross alpha	62E-OW1 6E-09	J	c		9 1E-01	µCi/mL	GP	EPIA-001
O	Lead-212	6.9E-09±4.0E-09	UI			7 3E+00	µCi/mL	GP	EPIA-013
o	Manganese-54	-8.3E-10±2.0E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
o	Neptunium-239	9 5E-09±15E-08	UI			26E+01	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	5 6E-09±1 2E-09				1 6E+00	µCi/mL	GP	EPIA-001
o	Potassium-40	3.9E-08±2.7E-08				26E+01	µCi/mL	GP	EPIA-013
O	Promethium-144	-5 9E-10±2 4E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
o	Promethium-146	-8 4E-10±2 6E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
O	Ruthenium-106	-1 4E-08±18E-08	UI			29E+01	µCi/mL	GP	EPIA-013
o	sodium-22	-1 .0E-09±2 0E-09	UI			3 4E+00	µCi/mL	GP	EPIA-013
O	Thorium-234	1 6E-07±11E-07	UI			1 9E+02	µCi/mL	GP	EPIA-013
0	Tin-113	3IE-10i25E4S	UI			4 5E+00	µCi/mL	GP	EPIA-013
2	Tritium	20E45*1 6E-06				1 3E+03	µCi/mL	GP	EPIA-002
0	Yttrium-88	9 0E-10±2 1E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	2.1E-09±4.7E-09	UI			8 0E+00	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1 IE~t33E4J9	UI			57E400	µCi/mL	GP	EPIA-013

WELL HAA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/95
Depth to water: 125.93 ft (36.36 m) below TOC
Water elevation: 175.07 ft (53.36 m) msl
pH: 7 A
Sp. conductance: 190 µS/cm
Turbidity: 1 NTU
Water evacuated from **the** well **prior** to sampling 44 gal

Time: 10:57
Waler **temperature**: 22.4 "C
Air temperature: 25.9 "C
Alkalinity: 82 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Barium, Idol recoverable	30				3 0	µg/L	GE	EPMO1OA
0	Carbon tetrachloride	<17				1 7	µg/L	GE	EPA8240
0	Carbon tetrachloride	<17				1 7	µg/L	GE	EPM240
0	Chloroform	<17				1 7	µg/L	GE	EPA8240
0	Chloroform	<17				1 7	µg/L	GE	EPA8240
0	Lead, total recoverable	44	J	E		25	µg/L	GE	EPA601oA
0	Manganese. total recoverable	13	J	E		2 0	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate-nitrite as nitrogen	40	J	E		100	µg/L	GE	EPA353.1
0	Silver, total recoverable	<0 65				0 65	µg/L	GE	EPA601oA
0	Sodium total recoverable	2480				100	µg/L	GE	EPA601OA

Well HAA 4A collected on 05/05/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Sodium, total recoverable	2,410				100	µg/L	GE	EPA6010A
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	EPA6240
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,1 -Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1 7				1 7	µg/L	GE	EPA6240
0	Trichloroethylene	<1 7				1 7	µg/L	GE	EPA6240
0	Trichloroethylene	<1 7				1 7	µg/L	GE	EPA6240
0	Actinium-228	1 1E-08±6 8E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	9.1E-10±2.1E-09	UI			39E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	-1,6E-1oM.2E-os	UI			93E+~	µCi/mL	GP	EPIA-013
0	Barium-133	5.0E-10±2.9E-09	UI			6E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-8 0E-09±1 4E-08	UI			: 4E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.5E-09±2.4E-09	UI			36E+W	µCi/mL	GP	EPIA-013
0	Cesium-137	6IE-0Si42E-09				3 1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 .6E-09±1 .6E-09	UI			33E+W	µCi/mL	GP	EPIA-013
0	Cobalt-58	-6.3E-10±2.0E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.3E-09±1 6E-09	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Europium-152	1.2E-09±5.8E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-2.4E-08±1.8E-08	UI			26E+01	µCi/mL	GP	EPIA-013
0	Europium-155	1 3E-09±7.9E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	6 SE-1 ON.3E-1O	UI			14E+O0	µCi/mL	GP	EPIA-001
0	Lead-212	0.0E+00	UI			74E400	µCi/mL	GP	EPIA-013
0	Manganese-54	-2 1E-09±2.1E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	-8.7E-09±1.4E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 3E-09±7.9E-10	UI			16E+oo	µCi/mL	GP	EPIA-001
0	Potassium-40	22E416ti.4E-&I	UI			47E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-1 2E-10±1 SE-OS	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	-2 6E-10±2 5E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-4.9E-09±1.7E-08	UI			2 9E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	9 5E-11±1 8E-09	UI			3 4E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	3 0E-08±1 7E-07	UI			1 9E+02	µCi/mL	GP	EPIA-013
0	Tin-113	62E-1OU 4E-09	UI			44E+O0	µCi/mL	GP	EPIA-013
0	Tritium	64E41M3 6E-07	UI			63E+~	µCi/mL	GP	EPIA-002
0	Tritium	-3 6E47*35E4)7	UI			64E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-7 6E-1oQ.2E4I9	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	9 6E-11±4 5E-09	UI			73E+O0	µCi/mL	GP	EPIA-013
0	Zirconium-95	2OE-10*35Eas	UI			62E+W	µCi/mL	GP	EPIA-013

WELL HAA 4M

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/95
Depth to water: 126 ft (38.41 m) below TOC
Water ● bvatbn: 175.2 ft (53.4 m) msl
pH: 7.s
Sp. conductance: 162 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 90 gal

Time: 12:09
Water temperature: 22 °C
Air temperature: 26.8 °C
Alkalinity: 55 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1 7				17	µg/L	GE	EPA6240
0	Chloroform	<1.7				1.7	µg/L	GE	EPA6240
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,160				100	µg/L	GE	EPAS010A
0	Tetrachloroethylene	<1 7				1.7	µg/L	GE	EPA6240
0	1.1.1-Trichloroethane	<1 7				17	µg/L	GE	EPA6240
0	Trichloroethylene	<1.7				1 7	µg/L	GE	EPA6240
0	Actinium-228	-2 0E-09±6 1E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	42E-1OM .9E-09	UI			33E+~	µCi/mL	GP	EPIA-013
0	Antimony-125	47E-QSi4 9E-09	UI			95E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	9.6E.1OQ7E439	UI			44E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	40E49M 4E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-1 6E-09±1 SE-es	UI			32E+o0	µCi/mL	GP	EPIA-013
0	Cesium-137	43E-1 1±19E-09	UI			33EtO0	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1 1E-1OM 9E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-7.7E-1OM.6E4)9	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	7 SE-IOil 8E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Europium-152	3.4E-09±5.4E-09	UI			94E+O0	µCi/mL	GP	EPIA-013
0	Europium-154	-2.7E-08±1.8E-08	UI			27E+01	µCi/mL	GP	EPIA-013
0	Europium-155	2 9E-09±1 0E-08	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	72E-tOi7 2E-10	UI			1 2E+00	µCi/mL	GP	EPIA-001
0	Lead-212	0 0E+00	UI			7 5E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	39E-10*1 5E-09	UI			29E+O0	µCi/mL	GP	EPIA 013
0	Neptunium-239	-1 4E-08±1 4E-08	UI			2 3E +01	µCi/mL	GP	EPIA 013

well HAA 4AA collected on 05/05/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nonvolatile beta	4 8E-09±11E-09				16E+O0	µCi/mL	GP	EPIA-001
0	Potassium-40	1 3E-08±47E-08	UI			36E+01	µCi/mL	GP	EPIA-013
0	Prafn.1trksn-144	-6 2E-10±2 0E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	1 9E-09±2 5E-09	UI			47E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	04E439il 6E-08	UI			3 0E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-9 1E-10±18E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	7 7E-0W20Ea7	UI			1 8E+02	µCi/mL	GP	EPIA-013
0	Tin-113	1 3EQSi25Em	UI			47E+o0	µCi/mL	GP	EPIA-013
0	Tritium	64E~~3 2E-07	UI			5 5E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	29E4Sil 8E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	2.IE-0W45E-09	UI			77E+O0	µCi/mL	GP	EPIA-013
0	Zirconium-95	-3 OE.09~34E429	UI			s 4E+00	µCi/mL	GP	EPIA-013

WELL HM 4M

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/16/65
Depth to water: 125.82 ft (36,35 m) below TOC
Water elevation: 175.36 ft (S3.46 m) msl
pH: 7.4
Sp. conductance: 170 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 63 gal

Time: 13:49
Water temperature: 23.3 "c
Air temperature: 32 2 °C
Alkalin :61 mg/L
Phenothalein ● kalhny: o mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
O	Nitrate-nitrite e s nitrogen	<100				100	µg/L	GE	EPA3531

WELL HAA 48

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/95
Depth to water: 50.06 ft (15.26 m) below TOC
Water elevation: 250.94 ft (76.49 m) msl
pH: 9
Sp. conductance: 216 µS/cm
Turbidity: 1 NTU
Water evacuated from the wall prior to sampling: 73 gal

Time: 11:37
Water temperature: 22.3 "C
Air temperature: 27.1
Alkalinity: 96 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate-nitrite e s nitrogen	190				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,620				100	µg/L	GE	EPA6010A
0	Actinium-220	1.0E-09±1.1E-08	UI			1.4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-6.8E-10±1.9E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	1.5E-09±4.7E-09	UI			8 9E+00	µCi/mL	GP	EPIA-013
0	Barium-133	-1.1E-09±2.8E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	1 6E-08±15E-08	UI			22E*OI	µCi/mL	GP	EPIA-013
0	Cesium-134	4.8E-10±1 7E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	-1 6E-10±18E-09	UI			33E+W	µCi/mL	GP	EPIA-013
0	Cobalt-57	d3E-Iw16E-06	UI			28E+m	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.0E-09±2.1E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	1 8E-10±1 8E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Europium-152	7.1 E-09±5.5E-09	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-5 5E-09±1.7E-08	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	Europium-155	52E.1(M6 9E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	9OE-10t72E-10	UI			1 1E+00	µCi/mL	GP	EPIA-001
0	Lead-212	0 0E+00	UI			52E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.7 E-1OO 1E-09	UI			33E+W	µCi/mL	GP	EPIA-013
0	Neptunium-239	3 0E-09±1 2E-08	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 6E-09±8 4E-10	UI			1 6E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	1 2E4W23EQ6	UI			45E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	79E-10*1 9E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	3 1E-11±2 3E-09	UI			4 3E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 3E-09±1 8E-08	UI			3 3E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	8 9E-10±1 9E-09	UI			3 8E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	88E-OSil 4E-07	UI			1 4E+02	µCi/mL	GP	EPIA-013
0	Tin-113	16E-09±4 SE 09	UI			47E+00	µCi/mL	GP	EPIA-013
0	Tritium	4 IE-fJ3i52E427				6 3E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-9 9E-1OZ? 3E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	2 9E-09±3 1E 09	UI			6 4E+00	µCi/mL	GP	EPIA-013
0	Zirconium 95	1 3E 09±3 2E 09	UI			6 0E+00	µCi/mL	GP	EPIA-013

WELL HAA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/95
Depth to water: 40.61 ft (12.82 m) below TOC
Water elevation: 252.19 ft (76.67 m) msl
pH: 7.3
Sp. conductance: 139 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 106 gal
Time: 1010
Water temperature: 21.8 °C
Air temperature: 24.4 °C
Alkalinity: 51 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	460				100	µg/L	GE	EPA3531
0	Sodium, total recoverable	2,660				100	µg/L	GE	EPA6010A
0	Actinium-228	2.7E-09±6.6E-09	UI			1.4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	1.3E-09±2.1E-09	UI			4.0E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	2.4E-10±5.5E-09	UI			96E+00	µCi/mL	GP	EPIA-013
0	Barium-133	-1.4E-10Q SE-OS	UI			4.0E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.3E-10±12E-08	UI			22E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.2E-10i22E~	UI			34E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	2.6E-10±2.0E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.2E-09±2.0E-09	UI			29E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.6E-1oU.1E49	UI			37E+W	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.2E-09±2.7E-09	UI			44E+o0	µCi/mL	GP	EPIA-013
0	Europium-152	-1 .6E49i56E46	UI				µCi/mL	GP	EPIA-013
0	Europium-154	7.8E-09±1.8E-08	UI			: : : : :	µCi/mL	GP	EPIA-013
0	Europium-155	-2.3E-09±6.7E-09	UI			1.2E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1.8E-10±5.2E-10	UI			1.2E+00	µCi/mL	GP	EPIA-001
0	Lead-212	1.9E-09±4.7E-09	UI			56E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.1E-10±1.7E-09	UI			3.1E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	1.8E-09±1.2E-08	UI			22E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.3E-09±9.2E-10	UI			16E+O0	µCi/mL	GP	EPIA-001
0	Potassium-40	1.9E-08±1.6E-08	UI			33E*OI	µCi/mL	GP	EPIA-013
0	Promethium-144	7.8E-10±1.9E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.2E-09±2.4E-09	UI			4.0E+00	µCi/mL	GP	EPIA-013
1	Ruthenium-106	1.5E-08±1.6E-08	UI			32E40t	µCi/mL	GP	EPIA-013
0	sodium-22	-9.8E-10±1.8E-09	UI			3.1E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	5.0E-08±1.1E-07	UI			1.6E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1.5E-10±2.6E-09	UI			4.4E+00	µCi/mL	GP	EPIA-013
0	Total activity	2.1E-05±3.9E-05	UI			1.5E+03	µCi/mL	EM	3Q1-6-1420
0	Tdet activity	2.1E-05±3.9E-05	UI			1.5E+03	µCi/mL	EM	3014-1420
0	Total activity	-3.1E-07±4.0E-05	UI			1.5E+03	µCi/mL	EM	3Q1-6-1420
0	Total activity	-3.1E-07±4.0E-05	UI			1.5E+03	µCi/mL	EM	3Q1-6-1420
0	Tritium	3.1E-06±4.1E-07				54E402	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.2E-09±2.4E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	1.5E-09±4.1E-09	UI			7.1E+00	µCi/mL	GP	EPIA-013
0	Zirconium-%	3.5E-09±4.0E-09	UI			6.9E+00	µCi/mL	GP	EPIA-013

WELL HAA 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/95
Depth to water: 30.37 ft (9.26 m) below TOC
Water elevation: 27033 ft (82.4 m) msl
pH: 4.7
Sp. conductance: 81 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 33 gal
Time: 9:36
water temperature: 23.1 °C
Air temperature: 23.3 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
O	Sodium, total recoverable	2.650				100	µg/L	GE	EPA601OA
O	Sodium, total recoverable	2,680				1,000	µg/L	GE	EPA601OA
o	Actinium-226	9.8E-09±6.1E-09	UI			1.2E+01	µCi/mL	GP	EPIA-013
O	Antimony-124	36E-10il.7E-09	UI			3.0E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	-7 IE-llt40E41S	UI			7.1E+00	µCi/mL	GP	EPIA-013
O	Barium-133	-2.8E-10±2.0E-09	UI			3.2E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	3.7E419t96E-OS	UI			1.7E+01	µCi/mL	GP	EPIA-013
o	Cesium-134	-7.4E-10±1.6E-09	UI			27E+~	µCi/mL	GP	EPIA-013
o	Cesium-137	9.4E-11±1.6E-	UI			2.8E+00	µCi/mL	GP	EPIA-013
o	Cobalt-57	-2.5E-10±12E-09	UI			2.1E+00	µCi/mL	GP	EPIA-013
o	Cobalt-58	-7.1E-10±17E-09	UI			2.6E+00	µCi/mL	GP	EPIA-013
o	Cobalt-60	-6.9E-10±1.3E-09	UI			2.3E+00	µCi/mL	GP	EPIA-013
O	Europium-152	-2.6E-0St46E	UI			73E+o0	µCi/mL	GP	EPIA-013
O	Europium-154	-1.0E-08±1.4E-08	UI			23E+01	µCi/mL	GP	EPIA-013

Well HAA 4D collected on 05/05/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Europium-155	47E0t5.6E-09	UI			85E+O0	µCi/mL	GP	EPIA-013
o	Gross alpha	5.6E-09±1.5E-09				t.3E+00	µCi/mL	GP	EPIA-001
O	Lead-212	0.0E+00	UI			5.4E+00	µCi/mL	GP	EPIA-013
O	Manganese-54	-5.0E-10±15E-09	UI			2.6E+00	µCi/mL	GP	EPIA-013
O	Neptunium-239	-5.1E-09±9.1E-09	UI			1.5E+01	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	1.3E-08±1.6E-09				16E+m	µCi/mL	GP	EPIA-001
O	Potassium-40	35E-0W2.0E-08	UI			4.1E+01	µCi/mL	GP	EPIA-013
O	Promethium-144	2.8E-11±16E-09	UI			28E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	1.3E-09±1.8E-09	UI			3.3E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.5E-08±1.4E-08	UI			2.3E+01	µCi/mL	GP	EPIA-013
o	Sodium-22	35E-11*1.6E-09	UI			3.0E+00	µCi/mL	GP	EPIA-013
O	Thorium-234	3.8E-08±4.9E-08	UI			4.6E+01	µCi/mL	GP	EPIA-013
0	Tin-113	1.5E-09±1.9E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
2	Tritium	43Ea5~3.2E-06				1.6E+03	µCi/mL	GP	EPIA-002
2	Tritium	47Eek3.4E-06				1.7E+03	µCi/mL	GP	EPIA-002
o	Yttrium-88	1.9E-10±1.9E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
o	Zinc-65	-1.1E-09±3.1E-09	UI			55E+O0	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1.4E-09±3.0E-09	UI			5.0E+00	µCi/mL	GP	EPIA-013

WELL HAA 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/95
Depth to water: 102.01 ft (31.0S m) below TOC
Water elevation: 179.2S ft (64.65 m) msl
pH: 7.5
Sp., conductance: 129 µS/cm
Turbidity: 4 NTU
Water evacuated from the wan prior to sampling: 51 gal
Time: 1013
Waler temperature: 21.8 °c
Air temperature: 19.3 °C
Alkalinity: 56 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	R*Sun	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<100	J	I	H	100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	7,020				100	µg/L	GE	EPA601OA
0	Actinium-228	63E41wS.0E-09	UI			1.3E+01	µCi/mL	GP	EPIA-013
0	Antiiony-124	1.9E-09±3.9E-09	UI			3.5E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	34E49~5.2E-09	UI			96E400	µCi/mL	GP	EPIA-013
0	Barium-133	8.7E-10±2.8E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	-8.7E-09±1.4E-08	UI			24E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	1.6E4M~36E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	81E-1OA2.2E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.5E-10±1.8E-09	UI			32E+o0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-4.8E-10±1.7E-09	UI			28E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.4E-09±1.8E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Europium-152	-2.7E-0W53E-09	UI			92E+O0	µCi/mL	GP	EPIA-013
0	Europium-154	-2.8E-08±18E-08	UI			2.7E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-1.9E-10±8.0E-09	UI			1.4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	65E-1oM3.1E-10	UIJ	c		1.0E+00	µCi/mL	GP	EPIA-001
0	Lead-212	0.0E+00	UI			7.5E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.5E-10*1.7E-09	UI			2.9E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	34E-09il.4E-08	UI			2.4E+01	µCi/mL	GP	EPLM13
0	Nonvolatile beta	68E-10*?.3E-10	UI			1.6E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	1.8E-08±2.2E-08	UI			4.4E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-7.8E-10±1.8E-09	UI			3.1E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	1.6E-09±2.4E-09	UI			4.5E+00	µCi/mL	GP	EPIA-013
1	Ruthenium-106	1.9E-08±1.6E-08	UI			3.3E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.6E-1OM.SE-O9	UI			3.3E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	1.7E-07±1.4E-07				1.4E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1.6E-loi23E419	UI			4.0E+00	µCi/mL	GP	EPIA-013
0	Tritium	-1.7E-07±2.9E-07	UI			S.1E+02	µCi/mL	GP	EPIA-002
0	Tritium	46E417i2.8E-07	UI			5.1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.2E-09±2.0E-09	UI			3.5E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	4.8E-09±3.9E-09	UI			7.7E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	-3.2E-1W34E419	UI			6.0E+00	µCi/mL	GP	EPIA-013

WELL HAA 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03195
Depth to water: 102.43 ft (31.22 m) bebw TOC
Water elevation: 17897 ft (54 55 m) msl
pH: 9.1
Sp. conductance 163 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling 75 gal

Time, 9:44
Waler temperature: 20 "C
Air temperature: 18.7 °C
Alkalinity: 51 mg/L
Phenolphthalein alkalinity 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite e s nitrogen	40	J	E		100	µg/L	GE	EPA353 1
0	Sodium, total recoverable	9290				100	µg/L	GE	EPA6010A
0	Actinium-228	75E-09k7 4E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-1 5E-09i20E4)9	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	6.9E-09±5.0E-09	UI			95E+o0	µCi/mL	GP	EPIA-013
0	Barium-133	-1 IE-0M28Em	UI			39E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	-2 9E-09±13E-08	UI			22E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.8E-1OH.1E4I9	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	54E-10:1 9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.7 E-10±1.7E-09	UI			29E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-3 7E-10±2 1E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.2E-10±1.9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Europium-152	29M9*5 9E-09	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Europium-154	3.4E-09±2.0E-08	UI			36E+dl	µCi/mL	GP	EPIA-013
0	Europium-155	-3.5E4W7.4E-	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	77E-10i6 6E-10	UIJ	c		1 1E+00	µCi/mL	GP	EPIA-001
0	Lead-212	o 0E+00	UI			8 1E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-6 0E-10±1 7E-09	UI			29E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	-7 2E-09±1.3E-08	UI			22E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	23E-OWS6E-1O				1 5E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	3 9E-08±2 4E-08	UI			4 8E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	16E-10*1 6E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	1.1E-09±2.5E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-8 8E-09±1 8E-08	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	sodium-22	-1.1E-09±1 SE-OS	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	0.0E+00	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-9 7E-10±2 5E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Tritium	-1 2E47:36E-7	UI			63E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	42E-1OO.2E-	UI			39E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.1E-09±4.4E-09	UI			63E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	9.9E-10±3.8E-09	UI			67E+O0	µCi/mL	GP	EPIA-013

WELL HAA 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/95
Depth to water: 4.69 ft 1(1.62 m) below TOC
Water elevation: 236.31 ft(7203 m) mat
pH: 8.2
Sp. conductance: 106 µS/cm
Turbidity: 18 NTU
Water evacuated from the well prior to sampling: 42 gel

Time: 11:29
water temperature: 21.2 "c
Atr temperature: 21.8 °C
Alkalinity: 36 mg/L
Phenolphthaleinne Scaiinity O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Barium, total recoverable	15				3.0	µg/L	GE	EPA601OA
O	Cyanide	<20				20	µg/L	GE	EPA3353
O	Lead, total recoverable	<25				25	µg/L	GE	EPA501OA
O	Manganese, total recoverable	16				2.0	µg/L	GE	EPA601OA
O	Nickel, total recoverable	32	JV	EV		10	µg/L	GE	EPA601OA
O	Nitrate-nitrite e s nitrogen	1.360	J	I i	H	100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5 0				5 0	µg/L	GE	EPA7740
0	Silver, total recoverable	<0.65				0 65	µg/L	GE	EPA601OA
o	Sodium, total recoverable	8.880				100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	8.560				100	µg/L	GE	EPA6010A
0	Actinium-228	1.0E-08±7.5E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-5 4E-10±2 0E-09	UI			3 4E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	4 5E-09±5 1E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Barium-133	8 2E-11±3 0E-09	UI			4 8E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	1 1E-08±15E-08	UI			27E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	6 9E-10±2 0E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	1 6E-09±2 9E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1 5E-09±2 0E-09	UI			32E ● 00	µCi/mL	GP	EPIA.013

Well HAA 6B collected on 05/03/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Cobalt-58	66E-loil 8E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	1 9E-09±2 0E-09	UI			: 3E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-5 2E-1064E-09	UI			1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	74E-OW1 8E-08	Ui			36E+01	µCi/mL	GP	EPIA-013
0	Europium-155	28E-0W7 9E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1 3E-09±9 1E-10	UIJ	c		1 SE*OO	µCi/mL	GP	EPIA-001
0	Lead-212	3 6E-09±5.9E-09	UI			58E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	-8 8E-10±17E-09	UI			29E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	-1.1E-08±1 5E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 5E4)W97E-10	UI			2 0E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	2.6E-08±4.7E-08	UI			3 9E+01	µCi/mL	GP	EPIA-013
0	Prom.thksn-144	-1.3E-09±2.1E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Promeihiurn-146	8.9E.1oQ8E-oS	UI			5 1E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-4.8E-09±1.9E-08	UI			33E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	36E-10*1 8E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	1.2E-07±1 2E-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1.0E-09±2.7E-09	UI			: 7E+00	µCi/mL	GP	EPIA-013
0	Tritium	1 6E-06±3 5E-07				2E+02	µCi/mL	GP	EPIA-002
0	Yttrium-66	1 2E4)W25E4JS	UI			5 1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	o 0E+00	UI			7 0E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	65E-l&3 6E-09	UI			66E+O0	µCi/mL	GP	EPIA-013

WELL HAA 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sampb date: 05/03/95
Depth 10 water: U.27 ft 1(3.49 m) below TOC
Water elevation: 236.53 ft(72.1 m) msl
pH: 8.7
Sp. conductance: 184 µS/cm
Turbidity: O NTU
Water evacuated from the well prior to sampling: 44 gal

Time: 12.04
Water Temperature: 21.5 ● C
Air temperature: 24.4 "C
Alkalinity 75 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate as nitrogen	436				60	µg/L	WA	EPA353 2
0	Nitrate-nitrite es nitrogen	<100	J	I	H	.00	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,060				100	µg/L	GE	EPA6010A
0	sodium, total recoverable	2,400		v		4 7	µg/L	WA	EPA2007
0	Actinium-228	77E4J9t7 5E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	O. 0E+00	UI			7 0E+00	µCi/mL	AT	EPA901 1M
0	Antimony-124	-9.4E-11±1.8E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	1 o E a * 4 6 E a	UI			8 6E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	0 0E+00	UI			52E+O0	µCi/mL	AT	EPA901 1M
0	Barium-133	1.4E-10±2.6E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-5.9E-09±1 2E-08	UI			2 0E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	0.0E+00	UI			8 9E+00	µCi/mL	AI	EPA901.1M
0	Cesium-134	-9.6E-11 ±19E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cesium-134	0.0E+00	UI			2 1E+00	µCi/mL	AT	EPA901 1M
0	Cesium-137	-7.9E-10±1 8E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	0 0E+00	UI			1 8E+00	µCi/mL	AT	EPA901 1M
0	Cobalt-57	1.7E-09±1.5E-09	UI			2 9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	0 0E+00	UI			1 2E+00	µCi/mL	AT	EPA901.1M
0	Cobalt-58	2.0E-10±1.8E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1 .3E-09±2 5E-09	UI			3 6 E a	µCi/mL	GP	EPIA-013
0	Cobalt-60	o 0E+00	UI			2 1E+00	µCi/mL	AT	EPA901.1M
0	Europium-152	16Em5 0E-09	UI			8 9E+00	µCi/mL	GP	EPIA-013
0	Europium-152	O 0E+00	UI			1 1E+01	µCi/mL	AT	EPA901.1M
0	Europium-154	1 1E-08±16E-08	UI			34E401	µCi/mL	GP	EPIA-013
0	Europium-154	0 0E+00	UI			5 5E+00	µCi/mL	AT	EPA901.1M
0	Europium-155	3 7 E ~ 9E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Europiurn-155	o 0E+00	UI			45E+W	µCi/mL	AT	EPA901 1M
0	Gross alpha	35E-1oM3 1E-10	UIJ	c		1 4E+00	µCi/mL	GP	EPIA-001
0	Gross alpha	7 .BE-10*45E-10	UI			1 4E+00	µCi/mL	AT	EPA900.0M
0	Lead-212	5 1E-09±5 2E-09	UI			7 0E+00	µCi/mL	GP	EPIA-013
0	Lead-212	O. 0E+00	UI			29E+W	µCi/mL	AT	EPA901.1M
0	Manganese-54	-6 7E-10±1 9E-09	UI			28E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	O 0E+00	UI			2 1E+00	µCi/mL	AT	EPA901.1M
0	Neptunium-239	26E~-il 2E-08	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 7E-10±6 TE-10	UI			1 6E +00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 4E-09±5 9E-10	UI			1 6E +00	µCi/mL	AT	EPA900 0M
0	Potassium-40	1 5E-08±2 8E-08	UI			32E*01	µCi/mL	GP	EPIA-013
1	Potassium 40	1 9E-07±5 OE-06				74E +00	µCi/mL	AT	EPA901 1M
0	Promethium-144	-1 3E-09±17E-09	UI			2 8E +00	µCi/mL	GP	EPIA-013
0	Promethium 1 44	0 0E+00	UI			1 9E+00	µCi/mL	At	EPA901 1M

Well HAA 6C collected on 05/03/95 (cent)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Promethium- 146	-1 1E 09±2 1E-09	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	0 0E+00	UI			38EM)0	µCi/mL	AT	EPA901 1M
0	Ruthenium-106	-1 3E-08±1 7E-08	UI			28E401	µCi/mL	GP	EPIA-013
0	Ruthenium-106	0 0E+00	UI			1 8E+01	µCi/mL	AT	EPA901 1M
0	Sodium-22	-3 9E-10±1 8E-09	UI			32E+CK3	µCi/mL	GP	EPIA-013
0	sodium-22	0 0E+00	UI			2 OE+00	µCi/mL	AT	EPA901 1M
0	Thorium-234	1 5E-07i96E-LM	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	0 0E+00	UI			58E*01	µCi/mL	AT	EPA901 1M
0	Tin-113	-2 6E-09±2 0E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Tritium	S 7E-07±3 9E-07	UI			64E+02	µCi/mL	GP	EPIA-002
0	Tritium	53E47i4 6E-07	UI			74E+02	µCi/mL	AT	EPA906 0M
0	Yttrium-88	-7 8E-11±2 0E-09	UI			39E+00	µCi/mL	GP	EPIA-013
0	Yttrium-88	0.0E+00	UI			26E+O0	µCi/mL	AT	EPA901 1M
0	Zinc-65	-7 8E-lot36E-OS	UI			66E+W	µCi/mL	GP	EPIA-013
0	Zinc-65	0 0E+00	UI			47E+O0	µCi/mL	AT	EPA901 1M
0	Zirconium-95	85E-10i3 2E-09	UI			5 9E+00	µCi/mL	GP	EPIA-013

WELL HAA 6C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/95 Time: 12.04
Depth to water: U.27 ft (8.49 m) below TOC **Water temperature**: 21.5 "c
Water elevation: 23653ft(72.1 m) msl **Air temperature**: 24 4 °C
pH:8.7 **Alkalinity**: 75 mg/L
Sp. conductance 184 µS/cm **Phenolphthalein alkalinity**: o mg/L
Turbidity: 0 NTU
Water evacuated from the wall prior 10 **sampling**: 44 **gal**

LABORATORY ANALYSES

F	Analyte	Re	R	A	B	SQL	Unit	Lab	Method
o	Nitrate as nitrogen	391				60	µg/L	WA	EPA353 2
0	Nitrate-nitrite as nitrogen	<100	J	I	H	100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	<100	J	I	H	100	µg/L	GE	EPA3531
0	Sodium, total recoverable	2,760				100	µg/L	GE	EPA6010A
0	Sodium, total recoverable	2,500		v		4 7	µg/L	WA	EPA200 7
0	Actinium-228	1 1E4JM66E4)S	UI			I 1E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	0.0E+00	UI			6 0E+00	µCi/mL	AT	EPA901 1M
0	Antimony-124	-3. 0E-10±14E-09	UI			2 5E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.3E4s*37E-09	UI			65E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	0.0E+00	UI			: 7E+00	µCi/mL	AT	EPA901 1M
o	Barium-133	-2.3E-10±2.1E-09	UI			4E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	1 3E4)6t98E-OS	UI			1 7E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	O. 0E+00	UI			1 1E+01	µCi/mL	AT	EPA901 1M
0	Cesium-134	-3.6E-1O*1 5E-09	UI			–23E+O0	µCi/mL	GP	EPIA-013
0	Cesium-134	o 0E+00	UI			1 9E+00	µCi/mL	AT	EPA901 1M
0	Cesium-137	1 1E-09±15E-09	UI			2 8E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	0.0E+00	UI			1 7E+00	µCi/mL	AT	EPA901 1M
0	Cobalt-57 :	-3.6E-1O*1 2E-09	UI			2 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57 f	o 0E+00	UI			1 1E+00	µCi/mL	AT	EPA901 1M
0	Cobalt-58 ƒ	1.1E-09±1.4E-09	UI			26E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1 .0E-10±14E-09	UI			2 5E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60 ‘	o 0E+00	UI			1 9E+00	µCi/mL	AT	EPA901 1M
0	Europium-152	22E4)SS4 4E-09	UI			7 5E+00	µCi/mL	GP	EPIA-013
0	Europium-152	o 0E+00	UI			g 8E+00	µCi/mL	AT	EPA901 1M
0	Europium-154	55E4)W1 4E-08	UI			2 6E+01	µCi/mL	GP	EPIA-013
0	Europium-154	0.0E+00	UI			54E+O0	µCi/mL	AT	EPA901 1M
0	Europium-155	-4.9E-10±4.7E-09	UI			6 1E+00	µCi/mL	GP	EPIA-013
0	Europium-155	0 0E+00	UI			43E400	µCi/mL	AT	EPA901 1M
0	Gross alpha	77E-1W5 8E-10	J	c		74E-01	µCi/mL	GP	EPIA-001
0	Gross alpha	1 9E-lti34E-10	UI			1 3E+00	µCi/mL	AT	EPASOO OM
0	Load-212	3SE4W62E43S	UI			4 5E+00	µCi/mL	GP	EPIA-013
0	Lead-212	0.0E+00	UI			26E+00	µCi/mL	AT	EPA901 1M
0	Manganese-54	-5.3E-1OM 6E-09	UI			27E*O0	µCi/mL	GP	EPIA-013
0	Manganese-54	o 0E+00	UI			1 6E+00	µCi/mL	AT	EPA901 1M
0	Neptunium-239	1 5E-09±8.7E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.5WS:77E-10				1 4E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 6E-09±5 6E-10	UI			16E+O0	µCi/mL	AT	EPA900 OM
0	Potassium-40	16Ea*l SE-OS	UI			3 6E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	1.2E-07±4 4E-08				74E+W	µCi/mL	AT	EPA901 1M
0	Promethium-144	3 0E-10±1.5E-09	UI			27E+W	µCi/mL	GP	EPIA-013
0	Promethium-144	O. 0E+00	UI			2 0E+00	µCi/mL	AT	EPA901 1M
0	Promethium-146	-8.5E-10±1 8E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	o 0E+00	UI			33E+O0	µCi/mL	AT	EPA901 1M
0	Ruthenium-106	1 1E-08±1 4E-08	UI			26E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	D 0E+00	UI			1 8E+01	µCi/mL	AT	EPA901 1M

Welt HAA 6C collected on 05/03/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	sodium-22	6 6E-11±1 6E-09	UI			2 9E+00	µCi/mL	GP	EPIA-013
o	Sodium-22	0 OE +00	UI			2 0E+00	µCi/mL	AT	EPA901 1M
O	Thorium-234	72E-06t5 3E-08				4 5E+01	µCi/mL	G P	EPIA-013
O	Thorium-234	0.0E+00	U			6 6E+01	µCi/mL	A T	EPA901 1M
O	Tin-113	-1 4E-09±17E-09	UI			2 9E+00	µCi/mL	G P	EPIA-013
O	Tritium	5IE-07t39E-07	UI			63E+02	µCi/mL	G P	EPIA-002
O	Tritium	1 6E4)7~45E417	UI			74E+02	µCi/mL	AT	EPASOS OM
O	Yttrium-88	57E-10tl 8E-09	UI			34E +00	µCi/mL	G P	EPIA-013
O	Yttrium-88	0 0E+00	UI			23E+o0	µCi/mL	AT	EPA901 1M
o	Zinc-65	-3,3EQSi35E-09	UI			56E+O0	µCi/mL	G P	EPIA-013
o	Zinc-65	0 0E+00	UI			4 1E+00	µCi/mL	A T	EPA901 1M
o	Zirconium-95	42E-1OQ6E-OS	UI			44E+O0	µCi/mL	G P	EPIA-013

WELL HAA 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/95 Time: 8:51
Depth to water: 16.1 ft (4.91 m) below TOC **Water temperature**: 18 3 °C
Water elevation: 264 4 ft (80.59 m) msl **Air temperature**: 19.5 °C
pH: 4 **Alkalinity**: 0 mg/L
Sp. conductance: 574 µS/cm **Phenolphthalein alkalinity**: 0 mg/L
Turbidity: 313 NTU
Water evacuated from the well prior to sampling: 3gal
There was insufficient water to fill all or some **samp bottles**

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Nitrate-nitrite as nitrogen	360				100	µg/L	GE	EPA3531
0	Nitrate-nitrite as nitrogen	330				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,420				100	µg/L	GE	EPAS010A
0	Actinium-228	95E@i9 2E-OS	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	SE-0W33E-OS	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	1.5E-1OH 4E-09	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Antimony-124	-1 3E-10±2.1E-09	UI			75E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	26E-1W4 9E-09	UI			9 0E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	5.6E-09±2.6E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Barium-133	-4 6E-10i24E41S	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	-5.4E-1O*1.2E-09	UI			42E+W	µCi/mL	GP	EPIA-013
0	Cerium-144	1 4E-09±1 3E-08	UI			23E+OI	µCi/mL	GP	EPIA-013
0	Cerium-144	27E-09MI 1E-09	UI			28E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	7.3E-10±2.3E-09	UI			38E+O0	µCi/mL	GP	EPIA-013
0	Cesium-134	-7 SE-12*1 0E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	-2 5E-Ili22E-oS	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	-6 SE-11*96E-10	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	:35E-10tl 7E-09	UI			2 9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1 0E-09±1 0E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1 4E-09±1.9E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	cobalt-66	-1 1E-09±18E-09	UI			82E+W	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.2E-09±1.9E-09	UI			3 2E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	4 0E-10±10E-09	UI			39E+O0	µCi/mL	GP	EPIA-013
0	Europium-152	2.6E-09±5.2E-09	UI			94E+o0	µCi/mL	GP	EPIA-013
0	Europium-152	-1.7E-0W25E4M	UI			8 6E+00	µCi/mL	GP	EPIA-013
0	Europium-154	5. 7E-09±1.9E-08	UI			3 7E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-1 .4E-08±9 9E-09	UI			2 6E+01	µCi/mL	GP	EPIA-013
0	Europium-155	6.3E-09±7.2E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-5 5E-09±3 SE-es	UI			1 3E+01	µCi/mL	GP	EPIA-013
1	Gross alpha	1 IE-W*34E419				2 9E+00	µCi/mL	GP	EPIA-001
0	Lead-212	o 0E+00	UI			73E +00	µCi/mL	GP	EPIA-013
0	Lead-212	2.4E-09±3.6E-09	UI			56E +00	µCi/mL	GP	EPIA-013
0	Manganese-54	-7 1E-10±1.9E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	4.3E-10±9.3E-10	UIV	v		34E +00	µCi/mL	GP	EPIA-013
0	Neptunium-239	-7.9E-09±1.3E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	2 6E-09±7 0E-09	UI			24E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	8.5E-09±2.1E-09				3 OE +00	µCi/mL	GP	EPIA-001
0	Potassium-40	-1.5E-08±2 5E-08	UI			42E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	2.2E-08±1.1E-08	UI			4 2E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-2 2E-09±2 0E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Promethium-144	-8 4E-11±1 0E-09	UI			37E +00	µCi/mL	GP	EPIA-013
0	Promethium-146	-2 1E-10±2 4E-09	UI			4 3E +00	µCi/mL	GP	EPIA-013
0	Promethium-146	1 2E-09±12E-09	UI			4 4E +00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 2E-08±17E-08	UI			3 3E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	65E419i6 7E 09	UI			3 3E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	26E4J9i3 5E-09	UI			4 2E+00	µCi/mL	GP	EPIA-013
0	Sodium-22	-5.1E-10±8 8E-10	UI			3 2E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	7 2E-08± 1 3E-07	UI			1 6E+02	µCi/mL	GP	EPIA-013

Well HAA 60 collected on 05/04/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Thorium-234	26E-06W 7E-06	UI			1 8E+02	µCi/mL	GP	EPIA-013
0	Tin-113	1 7E-10±2 3E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
O	Tin-113	2 6E-09±1 SE-OS	UI			6 0E+00	µCi/mL	GP	EPIA-013
2	Tritium	29E-05t2 2E 06				1 3E +03	µCi/mL	GP	EPIA-002
0	Yttrium-88	4 6E-1 O Q 8E-09	UI			48E+O0	µCi/mL	GP	EPIA-013
o	Yttrium-88	- 9 4E-10±1 3E-09	UI			4 8E+00	µCi/mL	GP	EPIA-013
o	Zinc-65	4 1E-10±5 1E-09	UI			6 8E+00	µCi/mL	GP	EPIA-013
o	Zinc-65	- 2 3E-09±2.4E-09	UI			84E@0	µCi/mL	GP	EPIA-013
o	zirconium-95	33E-10t36E4T9	UI			66E+O0	µCi/mL	GP	EPIA-013
o	Zirconium-95	1 5E4JW37E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/95 — Time: **13:54**
Depth to water: 28.23 ft 8(8.6 m) below TOC — water **temperature**: **23.2** "c
Water elevation: 27017 ft(82.5 m) msl — **Air temperature**: **23.7 °C**
pH: 5.1 — **Alkalinity**: **3 mg/L**
Sp. conductance 119 µS/cm — **Phenolphthalein alkalinity**: **0 mg/L**
Turbidity: 1 NTU
Water evacuated from the well **prior** to **sampling**: 41 gal

laboratory ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.2	J	Q		0.10	pH	WA	EPA150 1
2	Aluminum, total recoverable	77	Jv	EV		87	µg/L	WA	EPA200 7
0	Arsenic, total recoverable	<12				12	µg/L	WA	EPA2007
0	Barium, total recoverable	35	J	E		7 4	µg/L	WA	EPA200 7
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	EPA2007
0	Chromium, total recoverable	<10				10	µg/L	WA	EPA2007
2	Iron, total recoverable	597				26	µg/L	WA	EPA2007
0	Lead, total recoverable	9 9	J	E		13	µg/L	WA	EPA2007
0	Manganese, total recoverable	8.1				5 7	µg/L	WA	EPA200 7
0	Mercury, total recoverable	<0 67				0.67	µg/L	WA	EPA245 1
0	Nitrate e s nitrogen	1,810				60	µg/L	WA	EPA3532
0	Selenium, total recoverable	<19				19	µg/L	WA	EPA2007
0	silver, total recoverable	0.39	Jv	EV		1 4	µg/L	WA	EPA200 ?
0	Sodium, total recoverable	18,000				4.7	µg/L	WA	EPA2007
0	Sulfate	29,000		v		700	µg/L	WA	EPA300 O
0	Gross alpha	9 0E-10±6 0E-10	J		L	5 5E-01	µCi/mL	TM	EPA900 O
0	Gross alpha	8 0E-10±6 0E-10	J		L	55E-01	µCi/mL	TM	EPA900 O
0	Nonvolatile beta	6OE-1OM 5E-09	UI			8 0E-01	µCi/mL	TM	EPA900 O
0	Nonvolatile beta	1 2E-09±1 6E-09	UI			7 9E-01	µCi/mL	TM	EPA900 O
0	Radium-226	1 SE-IOil 4E-10	J		L	1.1E-01	µCi/mL	TM	EPA903 O
0	Radium-226	1.5E-10±1.3E-10	UI			1 8E-01	µCi/mL	TM	EPA903 O
0	Radium-226	-1. OE-1W6W-1O	UI			6 1E-01	µCi/mL	TM	EPA904 O
0	Radium-228	12E-09±7 OE-10				46E4t	µCi/mL	TM	EPA904 O
2	Tritium	42E-05*1 6E-06				51E+02	µCi/mL	TM	EPA906 O
2	Tritium	45E-05*1 7E-06				55E+02	µCi/mL	TM	EPA906 O

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04125195 — Time: **14:11**
Depth to water: 28.47 ft (8.68 m) below TOC — Water temperature: 22.2 "C
Water elevation: 2[illegible]ft (82.18m)) msl — **Air temperature**: **25.4 °C**
pH: 5.8 — **Alkalinity**: **9 mg/L**
Sp. conductance: 340 µS/cm — **Phenolphthalein alkalinity**: **0 mg/L**
Turbidity: **21 NTU**
Water evacuated from the **well** prior to **sampling**: 5 gal
The well ward dry **during** purging.

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5,4	J	Q		0 10	pH	WA	EPA1501
2	Aluminum, total recoverable	162	v	v		87	µg/L	WA	EPA200 7
0	Arsenic, total recoverable	<12				12	µg/L	WA	EPA200 7
0	Barium, total recoverable	61	J	E		74	µg/L	WA	EPA2007
O	Cadmium, total recoverable	<4.7				47	µg/L	WA	EPA200 7
0	Chromium, total recoverable	25	J	E		10	µg/L	WA	EPA2007
2	Iron, total recoverable	1,680				26	µg/L	WA	EPA2a37
0	Lead, total recoverable	8 4	J	E		13	µg/L	WA	EPA2007
0	Manganese, total recoverable	1 5				57	µg/L	WA	EPA200 7

Well HAC 2 collected on 04/25/95 (cent)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
O	Mercury, total recoverable	0.19	J	E		067	µg/L	WA	EPA2451
O	Nitrate e nitrogen	574				60	µg/L	WA	EPA3532
O	Selenium, total recoverable	<19				19	µg/L	WA	EPA2007
O	Silver, total recoverable	<1.4		v		1 4	µg/L	WA	EPA2007
O	Sodium, total recoverable	76,000				4.7	µg/L	WA	EPA2007
o	sulfate	190,000				700	µg/L	WA	EPA300 O
0	Gross alpha	1 5E-09±6 OE-10	J		L	1 1E+00	µCi/mL	TM	EPA900 O
0	Nonvolatile beta	1 0E-09±1 6E-09	UI			92Eal	µCi/mL	TM	EPA900 0
0	Radium-226	1 8E-10±1 1E-10	UI			33E4J1	µCi/mL	TM	EPA903 O
0	Radium-228	4 OE-10*7 0E-10	UI			50E41	µCi/mL	TM	EPA904 O
2	Tritium	32E4!W 4E-06				5 2E+02	µCi/mL	TM	EPA906 O

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/95 — **Time**: **13:15**
Depth to water: **28.02 ft (8.54 m) below TOC** — **Water temperature**: 22.3 "C
Water elevation: 2[illegible]ft (82.2 m)) msl — **Air temperature**: **25.6** "c
pH: **5.4** — **Alkalinity**: **8 mg/L**
Sp. conductance: 277 µS/cm — **Phenolphthaleinalkalinity**: **0 mg/L**
Turbidity 15 NTU
Water **evacuated** from **the** well prior to **sampling**: 9 **gal**
The **well went** dry during **purging**.

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	55	J	Q		0.10	pH	WA	EPA1501
2	Aluminum, total recoverable	129	v	v		87	µg/L	WA	EPA2007
0	Arsenic, total recoverable	<12				12	µg/L	WA	EPA2007
0	Barium, total recoverable	82				7 4	µg/L	WA	EPA2007
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	EPA2007
0	Chromium, total recoverable	<10				10	µg/L	WA	EPA200 7
2	Iron, total recoverable	416				26	µg/L	WA	EPA2007
0	Lead, total recoverable	15				13	µg/L	WA	EPA2007
1	Manganese, total recoverable	38				5 7	µg/L	WA	EPA2007
0	Mercury, total recoverable	021	J	E		0 67	µg/L	WA	EPA2451
0	Nitrate as nitrogen	1,S60				60	µg/L	WA	EP&32
0	Selenium, total recoverable	<19				19	µg/L	WA	EPA200 7
0	Silver, total recoverable	<1 4		v		1 4	µg/L	WA	EPA2007
0	Sodium, total recoverable	41,300				4.7	µg/L	WA	EPA200 7
0	sulfate	116,000		v		700	µg/L	WA	EPA300 O
0	Gross alpha	1 6E-09±7 0E-10				72E4N	µCi/mL	TM	EPA900 0
0	Nonvolatile beta	1 2E-09±1 6E-09	UI			8 3E-01	µCi/mL	TM	EPA900 O
0	Radium-226	26E.1O*1 7E-10	J		L	1 9E-01	µCi/mL	TM	EPA903 o
0	Radium-220	29E49*1 0E-09				52E4M	µCi/mL	TM	EPA904 O
2	Tritium	3 6E-05±1 5E-06				5 4E+02	µCi/mL	TM	EPA906 O

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/95 — **Time**: **12:58**
Depth to water: 26.55 ft (8.09 m) below TOC — Water temperature: 22 5 "C
Water elevation: 270.35 ft(824 m) msl — **Air temperature**: **24.4 °C**
pH: 5 — **Alkalinity**: **0 mg/L**
Sp. conductance: 61 µS/cm — **Phenolphthalein alkalinity**: **0 mg/L**
Turbidity: 1 NTU
Waler evacuated from **the** well **prior** 10 sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	PH	5 0	J	Q		010	pH	WA	EPA1501
0	PH	5 0	J	Q		010	pH	WA	EPA1501
2	Aluminum, total recoverable	178		v		87	µg/L	WA	EPA2007
0	Arsenic, total recoverable	<12				12	µg/L	WA	EPA200 7
0	Barium, total recoverable	60	J	E		7 4	µg/L	WA	EPA2007
0	Cadmium, total recoverable	<4.7				4 7	µg/L	WA	EPA2007
0	Chromium, total recoverable	<10				10	µg/L	WA	EPA2007
0	Iron, total recoverable	35				26	µg/L	WA	EPA2007
0	Lead, total recoverable	3 8	J	E		13	µg/L	WA	EPA2007
0	Manganese, total recoverable	20				5 7	µg/L	WA	EPA2007
0	Mercury total recoverable	040	J	E		0 67	µg/L	WA	EPA245 1
0	Nitrate as nitrogen	2.160				60	µg/L	WA	PA353 2
0	Selenium total recoverable	<19				19	µg/L	W	\200 7

Well HAC ...lected on 04/25/95 (writ)

F	Analyte	R*Sun	R	A	B	SOL	Unit	Lab	Method
O	Silver, total recoverable	<14		V		14	µg/L	WA	EPA200 7
0	Sodium, total recoverable	7.760				47	µg/L	WA	EPA2007
0	Sulfate	6,740		V		700	µg/L	WA	EPA300 O
O	Gross alpha	1 1E-09±7 0E-10	J		L	4 9E-01	µCi/mL	TM	EPA900 O
0	Nonvolatile beta	20E4)W1 7E-09	J		L	78E−t	µCi/mL	TM	EPA900 O
0	Radium-226	1 0E-10±1 0E-10	UI			1 2E-01	µCi/mL	TM	EPA903 o
0	Radium-228	1 6E-09±9 OE-10				54E411	µCi/mL	TM	EPA904 O
2	Tritium	23E-OW 2E-06				5 3E+02	µCi/mL	TM	EPA906 O

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth to water: 40.06 ft 1(1.22 m) below TOC
Water elevation 27062 f(0249 m) msl
pH: 6.4
Sp. conductance 85 µS/cm
Turbidity: 19 NTU
Water evacuated from the watt rotor to sampling: 19 gal
The well went dry during purging.

Time: 13:31
Water temperature: 24.4 °C
Air temperature: 28.2 °C
Alkalinity: 16 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Carbon tetrachloride	<1 7				1 7	µg/L	GE	EPA8240
0	Chloroform	0 17				17	µg/L	GE	EPA8240
0	Nitrate-nitrite as nitrogen	1,120				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,900				100	µg/L	GE	EPA6010A
2	Tetrachloroethylene	13				1 7	µg/L	GE	EPA8240
0	1,1,1 -Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
1	Trichloroethylene	4 1				1 7	µg/L	GE	EPA8240
0	Actinium-228	6 0E-09±1 2E-08	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	54E49t3 6E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	3 6E-10±1 SE-OS	UI			34E+W	µCi/mL	GP	EPIA-013
0	Antimony-124	38E-10t2 1E-09	UI			8 0E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	87G09i5 2E-09	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Antimony-125	6 2E-11±3 1E-09	UI			9 4E+00	µCi/mL	GP	EPIA-013
0	Barium-133	7 6E-10±2 7E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	1.7E-09±1.3E-09	UI			47E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	-3 3E-09±1 2E-08	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	-5 3E-10±7 2E-09	UI			26E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	46E-12*f 6E-09	UI			3 3E+00	µCi/mL	GP	EPIA-013
0	Cesium-134	-1 5E-09±10E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	-2 3E-12±1.9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	3 1E-09±1.2E-09	UI			33EW0	µCi/mL	GP	EPIA-013
0	cobalt-57	1 7E-09±1 6E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.sE-OW9.1E-1O				34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2 9E-10±17E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.6E-09±1.6E-09	UI			6 2E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.5E-10±1.5E-09	UI			2 8E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.6E-1M7.3E-1O				2 8E+00	µCi/mL	GP	EPIA-013
0	Europium-152	4.5E-10±5.8E-09	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Europium-152	-2.0E-09±2.6E-09	UI			8.8E+00	µCi/mL	GP	EPIA-013
0	Europium-154	6 0E-09±1 9E-08	UI			3.5E+01	µCi/mL	GP	EPIA-013
0	Europium-154	2 0E-09±8.4E-09	UI			3.2E+01	µCi/mL	GP	EPIA-013
0	Europium-155	8.4E-11±6.9E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-1 2E-09±3.4E-09	UI			1.2E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	24E4SiS 6E-10				1 1E+00	µCi/mL	GP	EPIA-001
0	Lead-212	45E49*5 SE-es	UI			5.4E+00	µCi/mL	GP	EPIA-013
0	Lead-212	50Em3.IE4)S	UI			78E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	5.5E-10±1.6E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-2 1E-09±1.3E-09	UIV	V		36E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	-3.6E-09±1.2E-08	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	1.3E-08±9 3E-09	UI			23E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.4E-09±1.1E-09				1 8E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	3 1E-08±2.2E-08	UI			42E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	3.6E-08±1.7E-08				32E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	82E-10*1 8E-09	UI			35Etoo	µCi/mL	GP	EPIA-013
0	Promethium-144	1.5E-09±7.4E-10	UI			34E+W	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.7E-09±2.4E-09	UI			37E+W	µCi/mL	GP	EPIA-013
0	Promethium-146	2.2E-1041,2E-OS	UI			4 3 E a	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.9E-09±1 .5E-08	UI			28E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.5E-08±8.2E-09	UI			34E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.1E-10±1.9E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Sodium-22	1 5E-09±11E-09	UI			4 3E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	69E-09il 2E-07	UI			1 5E+02	µCi/mL	GP	EPIA-013

Well HCA 4 collected on 04/28/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Thorium-234	56E-0Si6 8E-08	UI			1 3E+02	µCi/m	GP	EPIA-013
o	Tin-113	-1 0E-09±2 5E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
o	Tin-113	29E419tl 8E-09	UI			67E+O0	µCi/mL	GP	EPIA-013
2	Tritium	4 0E-05±2 9E-06				1 6E+03	µCi/mL	GR	EPIA-002
O	Yttrium-88	1 9E-09±2 3E-09	UI			5 0E+00	µCi/mL	GP	EPIA-013
o	Yttrium-88	-1 8E-09±1 7E-09	UI			5 8E+00	µCi/mL	GP	EPIA-013
o	Zinc-65	-3 4E-10i36E4)9	UI			65E+tnl	µCi/mL	GP	EPIA-013
o	Zinc-65	40E4)9i2 4E-09	UI			7 1E+00	µCi/mL	GP	EPIA-013
o	zirconium-95	4.8E-10t33E416	UI			6 2E+00	µCi/mL	GP	EPIA-013
o	zirconium-95	-9 OE-1M36E4J9	UI			1 3E+01	µCi/mL	GP	EPIA-013

WELL HCA 4A .

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth water: 134.81 ft (41.09 m) below TOC
Water elevation: 175.89 ft (53.61 m) msl
pH: 6.9
Sp. conductance: 100 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 11:21
Water temperature: 23.9 °C
Air temperature: 25.2 °C
Alkalinity 33 mg/L
Phenolphthe bh e lkallnlty: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite e s nitrogen	100	J	E		100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3.400				100	µg/L	GE	EPA6010
0	Actinium-228	9 0E-09±1 1E-08	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	9.7E-10±1.7E-09	UI			32E+o0	µCi/mL	GP	EPIA-013
0	Antimony-125	-5.6E-10±4.9E-09	UI			8 6E+00	µCi/mL	GP	EPIA-013
0	Barium-133	2 2E-09±2 6E-09	UI			4 5E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	1.2E-08±1.4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	4ME-1OM.H-O9	UI			27E+W	µCi/mL	GP	EPIA-013
0	Cesium-137	2.0E-09±2.5E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	47E-10&I sE-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	43E-1OM.SE4)6	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	37E-10i2 4E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Europium-152	1. 7E-09±5.4E-09	UI			: 9E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-1.1E-08±1.7E-08	UI			8E+01	µCi/mL	GP	EPIA-013
0	Europium-155	1.5E-09±7 8E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	?4E-Iti73E-10	UI			1 4E+00	µCi/mL	GP	EPIA-001
0	Lead-212	24E49M 4E-09	UI			6 0E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	24E4W1.SE419	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	8 1E-09±1 4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	69E-1OM 1E-10	UI			1 6E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	45E4Sti 3E-08	UI			5 1E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	1.4E-09±1.7E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	44E-1W2 4E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.1E-08±1.5E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	sodium-22	5 SE-1*16E4J6	UI			3 2E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	1 4E-07±9.9E-08	UI			1 8E+02	µCi/mL	GP	EPIA-013
0	Tin-113	2.4E-09±2.4E-09	UI			47E+O0	µCi/mL	GP	EPIA-013
0	Tritium	-2.4E-07±2.9E-07	UI			51E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	55E-10*1 9E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	44E-0W4 0E-09	UI			62E+O0	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.3E4)9i27E-09	UI			46E+fJ)	µCi/mL	GP	EPIA-013

WELL HCA 4AA

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: 04/2S/95
Depth water: 134.88 ft (41.11 m) bebw TOC
Water elevation: 175.62 ft (53 53 m) msl
pH: 7.1
Sp. conductance: 172 µS/cm
Turbidity: O NTU
Waler evacuated from the waft prior to sampling 52 gal

Time: 1033
Water temperature 22.3 °C
Air temperature: 25 8 °C
Alkalinity: 70 mg/L
Phenolphthalein alkalinity 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2 . 3 5 0				100	µg/L	GE	EPA6010
0	Actinium-228	-2 5E-10i68E-09	UI			1 2E+01	µCi/mL	GP	EPIM13
0	Antimony-124	9 3E-11±1 9E-09	UI			3 4 E + O 0	µCi/mL	GP	EPIA-013

Well HCA 4AA collected on 04/26/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Antimony-125	1 8E-09±5 1 E-09	UI			96E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	-2 2E-09±2 4E-09	UI			4 1E+00	µCi/mL	G?	EPIA-013
0	Cerium-144	-6 9E-09±1 4E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	1 4E-09±2 0E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-3 8E-1OQOE49	UI			36E+W	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 7E-10±1.7E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1 8E-11±2 0E-09	UI			35E+o0	µCi/mL	G?	EPIA-013
0	Cobalt-60	95F-1OQ2E4M	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Europium-152	-5 3E-09±5 9E-09	UI			92E+~	µCi/mL	GP	EPIA-013
0	Europium-154	1 0E-08±2 1E-08	UI			37E+ot	µCi/mL	GP	EPIA-013
0	Europium-155	57E4W7 1E-09	UI			1 3E+01	µCi/mL	G?	EPIA-013
0	Gross alpha	73E-10~7 0E-10	UIJ	C		1 3E+00	µCi/mL	GP	EPIA-001
0	Gross alpha	5 1E-10±5 9E-10	UIJ	C		1 1E+00	µCi/mL	GP	EPIA-001
0	Lead-212	1 4E-09±5 1E-09	UI			5 9E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	2 W = : 8 7 E ~	UI			3 4E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	36E-OS:I 3E-08	UI			24E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	92E.1W9 7E-10	UI			2 0E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	: 7E-10±9 5E-10	UI			2 0E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	8E-09±2 6E-08	UI			47E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	S 9E-10±17E-09	UI			32E+O0	µCi/mL	G?	EPIA413
0	Promethium-146	7.7E-10±2.3E-09	UI			43EtO0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-3.6E-09±1.6E-08	UI			32E+01	µCi/mL	G?	EPIA-013
0	Sodium-22	25E-10d 9E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Thorium-234	4.1E-08±1.9E-07	UI			1 5E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-9 2E-10±2.3E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Tritium	-8.6E-08±2.9E-07	UI			5 1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	55E-tOi2.2E41S	UI			4 3E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	0.0E+00	UI			6 7E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	-t IE46&34E~	UI			5 8E+00	µCi/mL	GP	EPIA-013

WELL HCA 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/65
Depth to water: 63.S5 ft (19.49 m) below TOC
Waler **elevation**: 246.69ft(75.24 m) **msl**
pH: 10.7
Sp. conductance: 197 µS/cm
Turbidity: 3 **NTU**
Water evacuated **from the** well **prior to sampling: 49** gel

Time: **12:04**
Water **temperature**: 25.2 "C
Air temperature: 28.2 °C
Alkalinity: 57 mg/L
Phenolphthalein alkalinity: 3 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	250				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	10,400				100	µg/L	GE	EPM3010
O	Actinium-228	2.3E-09±7.4E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-7.2E-10±2.3E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	1 0E-09±5 2E-09	UI			96E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	2 9E-10±2 6E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	3 4E-09±1 4E-08	UI			24E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	2.5E-10±2.9E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-1 9E-10±1.9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	-7 3E-10±1 7E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
o	Cobalt-58 "	-5.0E-10±1.7E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
o	Cobalt-60	1.4E-09±1.9E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
O	Europium-152	-2 9E-09±6 0E-09	UI			9 8E+00	µCi/mL	GP	EPIA-013
O	Europium-154	-1 8E-08±1 7E-08	UI			27E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-4.5E-09±7.6E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1 1E-09±7 4E-10	J	C		9 4E-01	µCi/mL	GP	EPIA-001
o	Lead-212	4 2E-09±5 1E-09	UI			53E+O0	µCi/mL	GP	EPIA-013
o	Manganese-54	1 7E-10±1 7E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
o	Neptunium-239	4.1E-09±1 4E-08	UI			24E+01	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	3 0E-09±9 7E-10				1 6E+00	µCi/mL	GP	EPIA-001
o	Potassium-40	3 7E-08±4 3E-08	UI			33E+01	µCi/mL	GP	EPIA-013
o	Promethium-144	2 0E-09±1 8E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	3.1E-10±2.2E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-5.8E-10±1.7E-08	UI			3 0E+01	µCi/mL	GP	EPIA-013
o	Sodium-22	4.7E-11±1 7E-09	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Thorium-234	2 1E-08±1 1E-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	3 2E-09±3 4E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
o	Tritium	5 7E-06±5 8E-07				64E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	7 2E-10±2.0E-09	UI			42E+w	µCi/mL	GP	EPIA-013
0	Zinc-65	-2 0E-09±4 6E-09	UI			68EKKI	µCi/mL	GP	EPIA-013
o	Zirconium-95	1 2E-09±3 2E-09	UI			6 0E+00	µCi/mL	G?	EPIA-013

WELL HCA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth to water: 63.27 ft 1(128 m) below TOC
Water elevation: 24743 ft(75.42 m) **msl**
pH: 7.4
Sp. conductance: 86 µS/cm
Turbidity: O NTU
Waler **evacuated** from the well **prior to** sampling: 93 gal

Time: **12:48**
Water temperature:244 "C
Air temperature: 29.9 "C
Alkalinity26 **mg/L**
Phenolphthalein ikallnlty: O **mg/L**

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	780				100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	740				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,430				100	µg/L	GE	EPA6010
0	Actinium-228	6 7E-09±7 5E-09	JI			1 5E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	4 9E-10±1 9E-09	JI			6 9E+00	µCi/mL	GP	EPIA-013
0	Antimony-124	5.5E-10±1.9E-09	JI			3 5E+00	µCi/mL	GP	EPIA-013
0	Antimony-124	-1.5E-09±1.4E-09	JI			46E+O0	µCi/mL	G?	EPIA-013
0	Antimony-125	6 2E-10±5 3E-09	JI			9 2E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	2 5E-09±1 8E-09	JI			5 9E+00	µCi/mL	GP	EPIA-013
0	Barium-133	6 8E-10±2 8E-09	JI			44E400	µCi/mL	GP	EPIA-013
0	Barium-133	1 4E-09±7 8E-10	JI			25E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	3 8E-09±1 3E-08	JI			23E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	1.6E-09±5.0E-09	JI			1 7E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-2 4E-10±1 8E-09	JI			33E400	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.9E-10±5.6E-10	JI			1 9E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	1 1E-10±2 1E-09	JI			39E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	1 5E-10±6 2E-10	JI			2 2E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	4 6E-10±1 6E-09	JI			26E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.3E-09±8.6E-10	JI			23E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1 4E-09±1 8E-09	JI			29E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.9E-11±1.1E-09	JI			4 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.6E-11±1.7E-09	JI			3 3E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	-4 8E-10±5 3E-10	JI			1 8E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-1 2E-09±6 0E-09	JI			1 0E+01	µCi/mL	GP	EPIA-013
0	Europium-152	-1.8E-09±1.7E-09	JI			59E+O0	µCi/mL	GP	EPIA-013
0	Europium-154	5 2E-09±2 5E-08	JI			3 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	4 4E-09±5 0E-09	JI			1 9E+01	µCi/mL	GP	EPIA-013
0	Europium-155	3.4E-09±7.1E-09	JI			1 3E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-1.2E-10±2.4E-09	JI			64E4W	µCi/mL	GP	EPIA-013
0	Gross alpha	4 7E-10±5 5E-10	JIJ	C		1 0E+00	µCi/mL	GP	EPIA-001
0	Lead-212	5.6E-09±3.7E-09	JI			66E+O0	µCi/mL	GP	EPIA-013
0	Lead-212	2.8E-09±1.9E-09	JI			37E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.0E-09±1.9E-09	JI			32E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	-5.3E-10±6.1E-10	JIV	V		2 1E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	1.3E-09±1.2E-08	JI			22E4G1	µCi/mL	GP	EPIA-013
0	Neptunium-239	-1.5E-09±4.3E-09	JI			1 5E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	8.9E-10±8.0E-10	JI			1 7E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	-1.3E-08±2.8E-08	JI			42E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	0.0E+00	JI			2 7E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.9E-10±1 5E-09	JI			26E+O0	µCi/mL	GP	EPIA-013
0	Promethium-144	-9.0E-10±6.3E-10	JI			2 0E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	3.4E-10±2.6E-09	JI			4 1E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.4E-09±7 6E-10	JI			25E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1 0E-08±1 4E-08	JI			23E+G1	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-8.4E-10±5.9E-09	JI			2 0E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	1.9E-10±1.8E-09	JI			3.4E+00	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.4E-10±5.6E-10	JI			1 9E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	4 3E-08±9 8E-08	JI			16E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	5.3E-08±3 6E-08	JI			95E+01	µCi/mL	GP	EPIA-013
0	WI-113	-2 3E-09±2 5E-09	JI			4 0E+00	µCi/mL	GP	EPIA-013
0	Tin-113	-7.6E-10±1.1E-09	UI			3 8E+00	µCi/mL	GP	EPIA-013
0	Tritium	1.8E-06±3.6E-07				5 1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1 2E-12±1 8E-09	JI			36E+O0	µCi/mL	GP	EPIA-013
0	Yttrium-88	-7.4E-10±9.7E-10	JI			34E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	5.7E-10±3.8E-09	JI			7 1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-1 7E-10±1 5E-09	JI			5 2 E ~	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2.3E-09±3.2E-09	JI			53E400	µCi/mL	GP	EPIA-013
0	Zirconium-95	8 5E-09±3 5E-09	JI			67E+O0	µCi/mL	GP	EPIA-013

Well HSB 70 collected on 04/12/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Specific conductance	65				10	µS/cm	WA	EPA120 1
o	Mercury, total recoverable	<0 20				0-20	µg/L	GE	EPA7470
o	Mercury, total recoverable	<0 67				067	µg/L	WA	EPA245 1
o	Nitrate as nitrogen	511				60.	µg/L	WA	EPA353 2
0	Nitrate-nitrite as nitrogen	460				100	µg/L	GE	EPA353 1
o	Gross alpha	4 0E-10±6 1E-10	UI			1 2E+00	µCi/mL	GP	EPIA-001
o	Gross alpha	1.5E-09±8 4E-10				1 3E+00	µCi/mL	GP	EPIA-001
0	Gross alpha	-2.0E-10±7.0E-10	UI			57E41	µCi/mL	TM	EPA900 0
0	Nonvolatile beta	1 2E-08±1 6E-09				2 1E+00	µCi/mL	GP	EPIA-001
o	Nonvolatile beta	1 4E-08±17E-09				2 2E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 3E-08±2 6E-09				9 0E-01	µCi/mL	TM	EPA900 0
2	Tritium	2 SE-05:19Ea				1 2E+03	µCi/mL	GP	EPIA-002
2	Tritium	25E45*1 3E-06				62E+02	µCi/mL	TM	EPASOS 0

WELL HSB 70 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/95
Depth to water: 17.12 ft (5.22 m) below TOC
Water elevation: 225.66 ft (68.77 m) msl
pH: 5.5
Sp. conductance: 67 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 80 gal

Time: 10:05
Water temperature: 16.9 °C
Air temperature: 23.8 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	pH	54	J	Q	L	0 010	pH	GE	EPA150 1
0	pH	5.5	J	Q		1 0	pH	WA	EPA150 1
0	Specific conductance	66				0.30	µS/cm	GE	EPA120 1
0	Specific conductance	66				10	µS/cm	WA	EPA120.1
0	Mercury, total recoverable	<0 20				0 20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.67				0.67	µg/L	WA	EPA245 1
0	Nitrate as nitrogen	520				60	µg/L	WA	EPA353 2
0	Nitrate-nitrite as nitrogen	600				100	µg/L	GE	EPA353 1
0	Gross alpha	47E-10M SE-10	UI			9 1E-01	µCi/mL	GP	EPIA-001
0	Gross alpha	1 SE-*10E46	J		L	6 6E-01	µCi/mL	TM	EPA900 0
0	Nonvolatile beta	1 3E-08±13E-09	J	c		1 2E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	96Eai2 5E-09				7 7E-01	µCi/mL	TM	EPA900.0
2	Tritium	26E4SQ 0E-06				1 2E+03	µCi/mL	GP	EPIA-002
2	Tritium	24E4W 8E-06				1 2E+03	µCi/mL	GP	EPIA-002
2	Tritium	2.7E-05±1 3E-06				6 4E+02	µCi/mL	TM	EPA906.0

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/95
Depth to water: 18.37 ft (5.6 m) below TOC
Water elevation: 224.73 ft (68.5 m) msl
pH: 10.4
Sp. conductance: 311 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 30 gal
The well went dry during purging.

Time: 8:32
Water temperature: 18.4 °C
Air temperature: 20.8 °C
Alkalinity: 12 mg/L
Phenolphthalein alkalinity: 11 mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	pH	10	J	Q	L	0010	pH	GE	EPA150 1
1	Specific conductance	320				030	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.20				020	µg/L	GE	EPA7470
2	Nitrate-nitrite as N nitrogen	26,000				4,000	µg/L	GE	EPA3S31
0	Gross alpha	2 3E-09±1 4E-09				22E400	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4 3E-08±3 4E-09	J	c		27E+O0	µCi/mL	GP	EPIA-001
0	Total activity	36E-03i4 1E-05				1 5E+03	µCi/mL	EM	3Q1-8-1420
2	Tritium	36E43*1 9E-04				1 8E+04	µCi/mL	GP	EPIA-002

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/95
Depth to water: 15.39 ft (4 69 m) below TOC
Water elevation: 226.01 ft (68.89 m) msl
pH 5.2
Sp. conductance 25 µS/cm
Turbidity 3 NTU
Water evacuated from the waft prior to sampling" 325 gal

Time: 10:00
Water temperature: 17 °C
Air temperature: 11.5 °C
Alkalinity: 0 mg/L
Phenolphthalein aMnRy: O mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SQL	Un	Lab	Method
0	pH	53	J	Q	L	0010	pH	GE	EPA1501
0	Specific conductance	24				0 30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	40	J	El		100	µg/L	GE	EPA3531
0	Gross alpha	8 0E-11±4 1E-10	UIJ	c		1 1E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5 8E-10±6 4E-10	UI			1 4E+00	µCi/mL	GP	EPIA-001
2	Tritium	24E415el 3E-06				87E4G2	µCi/mL	GP	EPIA-002

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/95
Depth to water: 16.77 ft (5.11 m) below TOC
Water elevation: 224.83 ft (68.53 m) msl
pH: 8.3
Sp. conductance: 405 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 24 gal
The well went dry during purging.

Time: 9:31
Water temperature 17.2 °C
Air temperature: 11 3 °C
Alkalinity: 23 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
1	pH	8.3	J	Q	L	0 010	pH	GE	EPA1501
1	Specific conductance	411				0 30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.24				0 20	µg/L	G E	EPA7470
2	Nitrate-nitrite as N nitrogen	33.200				4,000	µg/L	GE	EPA3531
1	Gross alpha	7SE4?Si28E4)S				2 5E+00	µCi/mL	G P	EPIA-001
2	Nonvolatile beta	94E4St5 9E-09	J	c		3 5E+00	µCi/mL	G P	EPIA-001
2	Tritium	55E433*3 4E-04				2 9E+04	µCi/mL	G P	EPIA-002

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/12/95
Depth to water: 63.43 ft (19.33 m) below TOC
Water elevation: 173.87 ft (53 m) msl
pH: 7.3
Sp. conductance: 167 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 221 gal

Time: 12:36
Water temperature: 19.5 °C
Air temperature: 2164 °C
Alkalinity: 78 mg/L
Phenolphthalein alkalinity: O mg/L

USORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	72	J	Q	L	0 010	pH	G	EPA150 1
0	pH	7.2	J	Q		1 0	pH	WA	EPA1501
0	Specific conductance	188				0.30	µS/cm	GE	EPA120 1
0	Specific conductance	176				10	µS/cm	WA	EPA120.1
0	Mercury, total recoverable	<0 20				0 20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0 67				0.67	µg/L	WA	EPA2451
0	Nitrate as N nitrogen	11	J	E		60	µg/L	WA	EPA3532
0	Nitrate-nitrite as N nitrogen	loo				100	µg/L	GE	EPA353 1
0	Gross alpha	44E-10t5 2E-10	UI			1 0E+00	µCi/mL	GP	EPIA-001
0	Gross alpha	6 0E-10±7 0E-10	J		L	74E4M	µCi/mL	TM	EPA900 O
o	Gross alpha	3 0E-10±6 0E-10	UI			7 5E-01	µCi/mL	TM	EPA900 O
0	Nonvolatile beta	11E-09±7 1E-10	UIJ	c		1 4E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	22E419el 6E-09	J		L	74E431	µCi/mL	TM	EPA900 O
0	Nonvolatile bate	1.0E-09±1.4E-09	UI			7 4E-01	µCi/mL	TM	EPA900 0
0	Tritium	-3.0E437t33E-07	UI			6 1E+02	µCi/mL	GP	EPIA-002
0	Tritium	40Ea7~3 2E-07	UI			5 2E+02	µCi/mL	TM	EPA906 O
0	Tritium	2 7E-0W30E06	UI			5 1E+03	µCi/mL	TM	EPA906 O

WELL HSB 83A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/95
Depth to water: 63.43 ft 1(133 m) below TOC
Water elevation: 173.67 ft(53 m) msl
pH: 7.3
Sp. conductance: 167 µS/cm
Turbidity: O NTU
Water evacuated from the watt prior 10 sampling: 221 get

Time: 1236
Water temperature: 19.5 "C
i F k % a % % 1°4 °
Pheno thalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7 2	J	Q	L	0010	pH	GE	EPA1501
0	pH	7 1	J	Q		1 0	pH	WA	EPA1501
0	Specific conductance	167				0 30	µS/cm	G E	EPA1201
0	Specific conductance	165				10	µS/cm	WA	EPA1201
0	Mercury, total recoverable	<0 20				020	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0 67				067	µg/L	WA	EPA2451
0	Nitrate as nitrogen	20	J	E		60	µg/L	WA	EPA3532
0	Nitrate-nitrite • S nitrogen	30	J	E		100	µg/L	GE	EPA3531
0	Gross alpha	76E-10i6 3E-10	UI			1 1E+00	µCi/mL	GP	EPIA-001
0	Gross alpha	-1 0E-10±7 0E-10	UI			84E41	µCi/mL	T M	EPA900 O
0	Nonvolatile beta	1 6E-09±7.1E-10	J	c		1 3E+00	µCi/mL	G P	EPIA-001
0	Nonvolatile beta	-4 0E-10±1 4E-09	UI			8 0E-01	µCi/mL	TM	EPA900 O
0	Tritium	-2 0E-07±3 4E-07	UI			61E+02	µCi/mL	GP	EPIA-002
0	Tritium	-4 1E-07±3 1E-07	UI			62E+02	µCi/mL	T M	EPA906 O

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/95
Depth to water: 12.67 ft (3.86 m) below TOC
Water elevation: 224.33 ft (68.36 m) msl
pH: 7.1
Sp. conductance: 109 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 185 gal

Time: 13:06
Water temperature: 19.5 °C
Air temperature: 27.6 °C
Alkalinity: 42 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	69	J	QY	L	0010	pH	GE	EPAt501
o	Specific conductance	107		Y		0 30	µS/cm	G E	EPA120.1
0	Mercury, total recoverable	<0.20				0.20	µg/L	G E	EPA7470
0	Nitrate-nitrite • nitrogen	50	J	EY		100	µg/L	GE	EPA3531
0	Gross alpha	1 4E-10±5 2E-10	UI			1 3E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 7E-09±9 0E-10	UI			1 7E+00	µCi/mL	GP	EPIA-001
O	Tritium	1 7E46i35E47				5 0E+02	µCi/mL	G P	EPIA-002

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/95
Depth to water: 10.63 ft(3.3 m) below TOC
Water elevation: 226.27 ft(68.9 m) mst
pH: 5.4
Sp. conductance: 22 µS/cm
Turbidity: 1 NTu
Water evacuated from the well prior to sampling: 165 gal

Time: 12:32
Water temperature: 19.4 "C
Air temperature: 26.1 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 1 mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.5	J	QY	L	0010	pH	GE	EPA1501
o	Specific conductance	22		Y		030	µS/cm	GE	EPA120.1
o	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	60	J	EY		100	µg/L	GE	EPA3531
0	Gross alpha	OIE-I@66E-10	UI			1 2E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	54E-tOt7 6E-10	UI			1 7E+00	µCi/mL	GP	EPIA-001
O	Tritium	20E47A2 9E-07	UI			50E+02	µCi/mL	GP	EPIA-002

WELL HSB 830

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/95
Depth to water: 11.33 ft (3.45 m) below TOC
Water elevation: 225.67 ft (68.79 m) msl
pH: 5.5
Sp. conductance: 77 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior 10 sampling: 51 gal

Time: 12:18
Water temperature: 18.7 °C
Air temperature: 26.4 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab Method
0	pH	5.5	J	Q	L	0010	pH	GE EPA1501
0	Specific conductance	79				030	µS/cm	G E EPA120.1
0	Mercury, total recoverable	0 33				020	µg/L	G E EPA7470
1	Nitrate-nitrite as nitrogen	5,600			I	1,000	µg/L	GE EPA353.1
0	Gross alpha	1 1E-09±8 9E-10			C	1 5E+00	µCi/mL	GP EPIA-001
0	Nonvolatile beta	1 4E-06±1 8E-09 "	J			1 9E+00	µCi/mL	G P EPIA-001
O	Total activity	3 8E-04±3 0E-08				1 5E+03	µCi/mL	EM 3014-1420
0	Total activity	36Ewt3 0E-08				1 5E+03	µCi/mL	E M 3Q1-8-1420
2	Tritium	39EU4*1 9E-05				3 8E+03	µCi/mL	G P EPIA-002

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: W1OI65
Depth to water: 56.06 ft (17.09 m) below TOC
Water elevation: 172.62 ft(52.62 m) mat
pH: 6.9
Sp. conductance: 106 µS/cm
Turbidity: 1 NTU
water evacuated from the well prior to sampling: 151 gal

Time: 13:30
Water temperature: 20.6 °C
Air temperature: 34.1 °C
Alkalinity: 38 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	8.6	J	Q	L	0010	pH	GE	EPA1501
0	Specific conductance	121				030	µS/cm	G E	EPA120.1
0	Mercury, total recoverable	<0.20				0.20	µg/L	G E	EPA7470
O	Nitrate-nitrite as nitrogen	60	J	E		100	µg/L	G E	EPA353.1
0	Gross alpha	1 7E4)9*7.7E-10				78E41	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	43E-06A2 2E-09	J	c		1 3E+00	µCi/mL	G P	EPIA-001
O	Tritium	96E416~6 4E-07				76E+02	µCi/mL	GP	EPIA-002

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/95
Depth to water: 17.33 ft (5.28 m) below TOC
Water elevation: 211.57 ft (64.49 m) msl
pH: 9.7
Sp. conductance: 132 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 49 gal
The well went dry during purging.

Time: 9:29
water temperature: 19.6 "c
Air temperature: 21.8 °C
Alkalinity 33.1 mg/L
Phenolphthaleinalkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
1	pH	92	J	Q	L	0010	ptt	GE	EPA1501
o	Specific conductance	132				0 30	µS/cm	G E	EPA120.1
0	Mercury, total recoverable	<0 20				0 20	µg/L	G E	EPA7470
0	Nitrate-nitrite as nitrogen	690				100	µg/L	GE	EPA3531
0	Gross alpha	49E-10i4 7E-10	UI			7 9E-01	µCi/mL	G P	EPIA-001
0	Nonvolatile beta	52Emi9 7E-10				1 4E +00	µCi/mL	GP	EPIA-001
2	Tritium	4 IE415e30E46				1 5E+03	µCi/mL	G P	EPIA-002
2	Tritium	4 IE-05~30E416				1 6E +03	µCi/mL	GP	EPIA-002

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/95
Depth to water: 6.97 ft (2.12 m) below TOC
Water elevation: 205.13 ft (62.52 m) msl
pH: 5.4
Sp. conductance: 30 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 26 gal
Time: 1407
Waler Temperature 16.3 "C
Air temperature: 16 7 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5 2	J	Q	L	0 010	pH	GE	EPA150 1
0	pH	5.2	J	Q	L	0 010	pH	GE	EPAt501
0	Specific conductance	29				0 30	µS/cm	GE	EPA120.1
0	Mercury, Idol recoverable	<0.20				0 20	µg/L	GE	EPA7470
O	Nitrate-nitrite e nitrogen	340		I		100	µg/L	GE	EPA353 1
0	Gross alpha	1 1E-09±6 OE-10	J	C		6 5E-01	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	29E ~8 4E-10				1 4E+00	µCi/mL	GP	EPIA-001
1	Tritium	1 2E4Mt75E4)7				6 4E+02	µCi/mL	GP	EPIA-002

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/95
Depth to water: 10.72 ft (3.71 m) below TOC
Water elevation: 221.78ft(67.6 m) msl
pH: 5.7
Sp. conductance: 31 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 25 gal
The weft went dry during purging.
Time:, 10:37
Water temperature: 18 °C
Air temperature: 21.1 °C
Alkalinity: 5 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	58	J	Q	L	0010	pH	GE	EPA150 1
0	Specific conductance	27				030	µS/cm	G E	EPA120.1
o	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
o	Nitrate-nitrite e s nitrogen	50	J	E		100	µg/L	GE	EPA353 1
0	Gross alpha	53E-10t5 3E-10	UI			9.5E-01	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 0E-09±7 1E-10	UI			1 4E+00	µCi/mL	GP	EPIA-001
O	Tritium	46E4JW2 9E-07	UI			50E+02	µCi/mL	G P	EPIA-002

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/95
Depth to water: 19.41 ft (5.92 m) below TOC
Water elevation: 221.29ft (67.45 m) msl
pH: 5.6
Sp. conductance: 50 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 8 gal
The well went dry during purging.
Thin: 1047
Water temperature: 16 9 "c
Air temperature: 21.3°
Alkalinity: 6 mg/L
Phenolphthalein alkalinity: o mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.7	J	Q	L	0 010	pH	GE	EPA1501
0	Specific conductance	36				0.30	µS/cm	GE	EPA120. 1
0	Mercury, total recoverable	<0.20				0.20 µg/L		GE	EPA7470
O	Nitrate-nitrite as nitrogen	1,160				100	µg/L	GE	EPA3531
0	Gross alpha	1 0E-09±6 9E-10	UI			1 1E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.IE-1(M76E-10	UI			16E+O 0	µCi/mL	GP	EPIA-001
2	TrillUrn	2.0E-05±1.1E-06				8.1E+02	µCi/mL	GP	EPIA-002

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD '

Sample date: 04/05/95
Depth to water: 23.43 ft (7 14 m) below TOC
Water elevation: 232.17 ft (70.77 m) msl
pH: 5.9
Sp. conductance: 33 µS/cm
Turbidity: O NTU
Waler evacuated from the well prior 10 sampling 97 gal
The: 11:35
Water temperature: 19 "c
Air temperature: 19 °C
Alkalinity: 8 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	pH	5 9	J	Q	L	0 010	pH	GE	EPA1501
0	Specific conductance	34				0 30	µS/cm	G E	EPA120.1
1	Mercury, total recoverable	1.5				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite e nitrogen	300				100	µg/L	GE	EPA353 1
O	Gross alpha	44E-10&4 5E-10	UI			77E41	µCi/mL	G P	EPIA-001
o	Nonvolatile beta	9.8E-10±7.0E-10	UI			1 4E+00	µCi/mL	GP	EPIA-001
O	Tritium	-2 9E-07A28E417	UI			5 0E+02	µCi/mL	G P	EPIA-002

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/95
Depth to water: 18.34 ft (5.59 m) below TOC
Water elevation: 235.98ft (72.23m) msl
pH: 5.8
Sp. conductance: 53 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 60 gel
Time: 11:22
Water temperature: 18.4 °C
Air temperature: 19.4 °C
Alkalinity: 4 mg/L
Phenolphthalein . . . . lty: 0 mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.7	J	0	L	0010	pH	GE	EPA1501
0	Specific conductance	54				0 30	µS/cm	GE	EPA1201
o	Specific conductance	54				0 30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite es nitrogen					100	µg/L	GE	EPA353 1
0	Gross alpha	~~E-10d31E-10	UI			9 6E-01	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	66E-1OK 7E-10	UI			1 4E+00	µCi/mL	GP	EPIA-001
2	Tritium	25E45M 9E-06				70E4O2	µCi/mL	GP	EPIA-002
2	Tritium	25E-OW 9E-06				1 2E+03	µCi/mL	GP	EPIA-002

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/95
Depth to water: 16.36 ft (4.99 m) below TOC
Water elevation: 222.22ft (67.67 m) msl
pH: 5.4
Sp. conductance: 34 µS/cm
Turbidity 1 NTU
Water e vaamted from the welt prior to sampling: 128 gal
Time: 14:51
Water temperature: 19.2 °C
Air temperature: 22.8 °C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lob	Method
o	pH	5.7	J	QY	L	0010	pH	GE	EPA150 1
0	Specific conductance	30		Y		030	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite e s nitrogen	1.260		Y		100	µg/L	GE	EPA353 1
0	Gross alpha	27E-1OM 8E-10	UI			1 3E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 7E-09±8 6E-10				1 6E+00	µCi/mL	GP	EPIA-001
2	Tritium	3 0E-05±2 2E-06				1 3E +03	µCi/mL	GP	EPIA-002

Well HSB152D collected on 04/11/95 (cont)

F	Analyte	Result	R	A	B	sol.	Unit	Lab	Method
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	720				100	µg/L	GE	EPA353.1
o	Gross alpha	27E-OW1.0E-09				99E41	µCi/mL	G P	EPIA-001
o	Nonvolatile beta	3 IE-0W97E-10				1 5E+00	µCi/mL	G P	EPIA-001
2	Tritium	1.3E-04±9.1E-06				29E+03	µCi/mL	GP	EPIA-002

WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 27.53 ft (8.39 m) below TOC
Water elevation: 236.47 ft (72.08 m) msl
pH: 4.4
Sp. conductance: 67 µS/cm
Turbidity: O NTU
Water evacuated from the well prior to sampling: legal

Time: **14:42**
Water temperature: 22.1 °C
Air temperature: 33.5 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	47	J	Q	L	0 010	pH	GE	EPA150.1
0	pH	4.7	J	Q	L	0 010	pH	GE	EPA150.1
0	Specific conductance	69				0 30	µS/cm	GE	EPA120.1
0	Barium, total recoverable	31		V		3 0	µg/L	GE	EPA6010A
0	Benzene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1.7	J	a	L	1 7	µg/L	GE	EPA8240
0	Bromoform	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Bromomethane	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPA6010A
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Chloroethane	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Chloroform	<1.7	J	a	L	1.7	µg/L	GE	EPA8240
0	Chloromethene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Chromium, total recoverable	<4 0				4 0	µg/L	GE	EPA6010A
0	Chromium, total recoverable	<4 0				4 0	µg/L	GE	EPA6010A
0	Dibromochloromethene	<1.7	J	Q	L	1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethene	<1.7	J	Q	L	1.7	µg/L	GE	EPA8240
0	1,2-Dichloroethene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Dichloromethene	1.6	J	EQ	L	1 7	µg/L	GE	EPA8240
0	1,2-Dichlropropene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	cis- .3-Dichloropropene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1.7	J	Q	L	1.7	µg/L	GE	EPA8240
0	Ethylbenzene	<1.7	J	o	L	1.7	µg/L	GE	EPA8240
0	Lead, total recoverable	40	J	E		25	µg/L	GE	EPA6010A
0	ead total recoverable	4.4	JV	EV		5.0	µg/L	GE	EPA7421
1	Manganese, total recoverable	26				2 0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	0.39		v		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate-nitrite as nitrogen	<100	J	I	H	100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0		I		5 0	µg/L	GE	EPA7740
0	Silver, total recoverable	0.59	J	E		0 65	µg/L	GE	EPA6010A
0	Sulfate	1,060				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1 7	J	Q	L	1 7	µg/L	GE	EPA8240
0	Toluene	<1.7	J	0	L	1 7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1 7	J	0	L	1 7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1 7	J	a	L	1 7	µg/L	GE	EPA8240
0	Trichloroethylene	<1.7	J	o	L	1 7	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<1.7	J	Q	L	1.7	µg/L	GE	EPA8240
0	Gross alpha	45E4MM 3E-09	J	C		7 6E-01	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 3E-08±1.6E-09				1 6E+00	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	16E-09±4 OE-10				4 0E-01	µCi/mL	GP	EPIA4I1O
0	Radium, total alpha-emitting	1.7E-09±4 OE-10				3 3E-01	µCi/mL	GP	EPIA-010
0	Total activity	28E4Mt3 7E-06				1 5E+03	µCi/mL	EM	30143-1420
2	Tri*	3.1E-04±2 1E-05				4 8E+03	µCi/mL	GP	EPIA-002

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 23.05 ft (703 m) below TOC
Water elevation: 242.45ft(73.9 m) msl
pH: 4.9
Sp. conductance: 42 µS/crh
Turbidity: O NTU
Water evacuated from the well prior to sampling: 4 gal

Time: **12:29**
Water temperature: 20.2 °C
Air temperature: 30.2 °C
Alkalinity: 3 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.3	J	0	L	0 010	pH	GE	EPA150.1
0	Specific conductance	46				0 30	µS/cm	GE	EPA120.1
0	Benzene	<1 7				1 7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1 7				1 7	µg/L	GE	EPA6240
0	Bromoform	<1 7				1 7	µg/L	GE	EPA8240
0	Bromomethane	<1 7				1 7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPMO1O
0	Carbon tetrachloride	<1 7				1 7	µg/L	GE	EPA8240
0	Chlorobenzene	<1 7				1 7	µg/L	GE	EPA8240
0	Chloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1 7				1 7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	0 I7				1 7	µg/L	GE	EPA8240
0	Chloroform	<1 7				1 7	µg/L	GE	EPAS240
0	Chloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	Chromium, total recoverable	<4 0				4 0	µg/L	GE	EPASO1O
0	Dibromochloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1 7				1 7	µg/L	GE	EPA6240
0	1,2-Dichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1 7				1 7	µg/L	GE	EPA6240
0	trans-1,2-Dichloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	Dichloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1 7				1 7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	EPA8240
0	Ethylbenzene	<1 7				1 7	µg/L	GE	EPA8240
0	Lead, total recoverable	<5 0				5 0	µg/L	GE	EPA7421
0	Lead, total recoverable	<5 0				5 0	µg/L	GE	EPA7421
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	2.2	J	E		10	µg/L	GE	EPASO1O
0	Nitrate-nitrite as nitrogen	900				100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5 0				5 0	µg/L	GE	EPA7740
0	Selenium, total recoverable	<5.0				5 0	µg/L	GE	EPA7740
0	Sulfate	3,190				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	EPAS240
0	Toluene	<1.7				1 7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Trichloroethylene	<1 7				17	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<1.7				17	µg/L	GE	EPA8240
0	Gross alpha	1 6E-09±8 3E-10				1 2E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 sE-ost93E-10				1 8E+00	µCi/mL	GP	EPIA-001
0	Radium, total @ @ha-iHing	2 0E-10±4 0E-10	UI			47E411	µCi/mL	GP	EPIA-010
2	Tritium	1.0E-04±7 1E-06				26E+03	µCi/mL	GP	EPIA-002

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/95
Depth to water: 17.51 ft (5.34 m) below TOC
Water elevation: 250.09 ft (76.23 m) msl
pH: 5
Sp. conductance: 29 µS/cm
Turbidity: 52 NTU
Water evacuated from the well* 10 sampling: 3 gal
The well went dry during purging.

Time: **7:40**
Water temperature: 17 6 "c
Air temperature: 137 "C
Alkalinity:0 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5 0	J	Q	L	0010	pH		EPA150.1
0	Specific conductance	23				0 30	µS/cm		PA120.1
]	Benzene	<1 7				1 7	µg/L		.8240
	Bromodichloromethane	<1 7				1 7	µg/L		.8240

Well HSL 3D collected on 04/28/95 (curt)

F	Analyte	Result	R	A	B	SOL		Lab	Method
0	Bromoform	<1 7				1 7	µg/L	GE	EPA8240
0	Bromomethane	<1 7				1 7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPMO1O
0	Carbon tetrachloride	<1 7				1 7	µg/L	GE	EPA8240
0	Chlorobenzene	<1 7				1 7	µg/L	GE	EPM240
0	Chloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1 7				1 7	µg/L	GE	EPA8240
0	2-Chloroethyl Vrnylether	<1 7				1 7	µg/L	GE	EPA8240
0	Chloroform	<1 7				1 7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1 7	µg/L	GE	EPA8240
0	Chromium, total recoverable	14				4 0	µg/L	GE	EPA6010
0	Dibromochloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1 -Dichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,2-Dichloroethane	<1 7				1 7	µg/L	GE	EPM240
0	1,1-Dichloroethylene	<1.7				1 7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	Dichloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1.7				1 7	µg/L	GE	EPM240
0	cis-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	EPA8240
0	Ethylbenzene	<1.7				1 7	µg/L	GE	EPM240
0	Lead, total recoverable	4 8	J	E		5 0	µg/L	GE	EPA7421
0	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	18				10	µg/L	GE	EPMO1O
0	Nitrate-nitrite as nitrogen	550				100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5 0	µg/L	GE	EPA7740
0	Sulfate	269	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	EPM240
0	Toluene	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1 7				1 7	µg/L	GE	EPM240
0	Trichloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<1.7				17	µg/L	GE	EPA8240
0	Gross alpha	23E- 3E-10	J	c		1 1E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 6E-09±9 0E-10				1 7E+00	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	8 0E-10±4 0E-10	J	c		43E4M	µCi/mL	GP	EPIA-010
0	Radium, total alpha-emitting	1 0E-10±3 0E-10	UIJ	C		3 6E-01	µCi/mL	GP	EPIA-010
2	Tritium	3.4E-05±2 6E-08				1.5E+03	µCi/mL	GP	EPIA-002

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 11.85 ft (3.61 m) below TOC
Water elevation: 261.35 ft (79.66 m) msl
pH: 5.7
Sp. conductance: so µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 14 gal

Time: 11:40
Water temperature: 17.7 °C
Air temperature: 31.3 °C
Alkalinity: 14 mg/L
Phenolphthalein alkalinity: o mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.8	J	Q	L	0 010	pH	GE	EPA1501
0	Specific conductance	89				0 30	µS/cm	GE	EPA120.1
0	Benzene	<1 7				1 7	µg/L	GE	EPM240
0	Bromodichloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	Bromoform	<1 7				1 7	µg/L	GE	EPM240
0	Bromomethane	<1 7				1 7	µg/L	GE	EPM240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPMo1o
0	Carbon tetrachloride	<1 7				1 7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7				1 7	µg/L	GE	EPA8240
0	Chloroethane	0 1.7				1 7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1 7				1 7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1 7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1 7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1 7	µg/L	GE	EPA8240
0	Chromium, total recoverable	<4 0				4 0	µg/L	GE	EPMo1o
0	Dibromochloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1 7	µg/L	GE	EPM240
0	1,2-Dichloroethane	<1.7				1 7	µg/L	GE	EPM240
0	1,1-Dichloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	Dichloromethane	<1.7				1 7	µg/L	GE	EPM240
0	1,2-Dichloropropane	<1.7				1 7	µg/L	GE	EPA8240

Welt HSL 4D collected on 05/01/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	cis-1,3-Dichloropropene	<1 7				1.7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1 7				1.7	µg/L	GE	EPM240
0	Ethylbenzene	<1.7				1.7	µg/L	GE	EPM240
0	Lead, total recoverable	25	JV	EV		5 0	µg/L	GE	EPA7421
0	Mercury, total recoverable	011	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	23	J	E		10	µg/L	GE	EPMO1O
0	Nitrate-nitrite • nitrogen	1,030				100	µg/L	GE	EPA3S31
0	Nitrate-nitrite • s nitrogen	1,090				100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	15	J	E		5 0	µg/L	GE	EPA7740
0	Sulfate	11,000				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1 7				1.7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1.7				1.7	µg/L	GE	EPM240
0	Toluene	<1.7				1.7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1 ,2-Trichloroethane	<1.7				1.7	µg/L	GE	EPM240
0	Trichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Gross alpha	1 1E-09±9 0E-10	UI			1.5E+00	µCi/mL	G?	EPIA-001
2	Nonvolatile beta	6 5E-08±3 3E-09				1 7E+00	µCi/mL	G?	EPIA-001
0	Radium, total ● @ha*ntino	0 0E+00±3 0E-10	UI			4 7E-01	µCi/mL	GP	EPIA-010
2	Tritium	3 3E-05±2 5E-06				1 4E+03	µCi/mL	GP	EPIA-002

WELL HSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 11.34 ft (3.46 m) below TOC
Water elevation: 265.28 ft (80.85m) msl
pH: 5.5
Sp. conductance: 3s µS/cm
Turbidity: 2 NTU
Water evacuated from the well prim to sampling: 18 gal

Time: 11:01
Water temperature: 23.6 °C
Air temperature: 27.1 °C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.6	J	Q	L	0 010	pH	GE	EPA150 1
0	Specific conductance	38				0 30	µS/cm	GE	EPA120.1
0	Benzene	<1.7				1 7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1.7				1 7	µg/L	GE	EPA8240
0	Bromoform	<1.7				1 7	µg/L	GE	EPA8240
0	Bromomethane	<1.7				1 7	µg/L	GE	EPM240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPA6010
0	Carbon tetrachloride	<1.7				1 7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7				1 7	µg/L	GE	EPM240
0	Chloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1.7				1 7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1 7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1 7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1 7	µg/L	GE	EPA8240
0	Chromium, total recoverable	<4.0				4 0	µg/L	GE	EPMO1O
0	Dibromochloromethane	<1.7				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1 7	µg/L	GE	EPM240
0	1,2-Dichloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1.7				1 7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1.7				1 7	µg/L	GE	EPA8240
0	Dichloromethane	<1.7				1 7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1.7				1 7	µg/L	GE	EPM240
0	cis-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	EPM240
0	trans-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	EPA8240
0	Ethylbenzene	<1.7				1 7	µg/L	GE	EPA8240
0	Lead, total recoverable	3 3	JV	EV		5 0	µg/L	GE	EPA7421
0	Mercury, total recoverable	0.12	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPMO1O
0	Nitrate-nitrite as nitrogen	1,540				100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	1.6	J	E		5 0	µg/L	GE	EPA7740
0	Sulfate	4,220				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1 7				1.7	µg/L	GE	EPM240
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	EPM240
0	Toluene	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Trichloroethylene	<1 7				1 7	µg/L	GE	EPM240
0	Trichlorofluoromethane	<1 7				1 7	µg/L	GE	EPA8240
0	Gross alpha	74E-10i6 1E-10	UI			1 0E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 4E-08±17E-09				1 7E+00	µCi/mL	GP	EPIA-001

Well HSL 50 collected on 05/01/95 (c uM)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Radium, total alpha-emitting	0 0E+00±3 0E-10	UI			4 7E-01	µCi/mL	G P	EPIA-010
0	Tritium	7 6E-06±7 1E-07				7 1E +02	µCi/mL	GP	EPIA-002

WELL HSL 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample
Depth: %%?%% ft (32.92 m) below TOC
Water elevation: 166.78 ft (51.44 m) msl
pH: fl.1.
Sp. conductance: 56 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 26 gal

Time: 12:56
Water temperature: 21.3 °C
Air temperature: 28 3 "c
Alkalinity: 15 mg/L
Phenolphthalein alkalinity: o mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.3	J	Q	L	0 010	pH	GE	50
0	Specific conductance	62				0 30	µS/cm	GE	20
0	Benzene	<1.7				1 7	µg/L	GE	PA8240
0	Bromodichloromethane	<1 7				1 7	µg/L	GE	EPA82 0
0	Bromoform	<1 7				1 7	µg/L	GE	EPA8240
0	Bromomethane	<1 7				1 7	µg/L	GE	A8240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	PA60
0	Carbon tetrachloride	<1 7				1 7	µg/L	GE	E A8240
0	Chlorobenzene	<1 7				1 7	µg/L	GE	A8240
0	Chloroethane	<1 7				17	µg/L	GE	PA8 40
0	Chloroethene (Vinyl chloride)	<1 7				17	µg/L	GE	PA8240
0	2-Chloroethyl vinyl ether	<1 7				1 7	µg/L	GE	PA8 40
0	Chloroform	<1 7				1 7	µg/L	GE	A8 40
0	Chloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	Chromium, total recoverable	<4 0				4 0	µg/L	GE	EPA60 0
0	Dibromochloromethane	<1 7				1.7	µg/L	GE	EPA8 40
0	1,1-Dichloroethane	<1 7				17	µg/L	GE	EPA8240
0	1,2-Dichloroethane	<1 7				17	µg/L	GE	E A8240
0	1,1-Dichloroethylene	<1 7				17	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1 7				1 7	µg/L	GE	E A8240
0	Dichloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1 7				1 7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	EPA8240
0	Ethylbenzene	<1 ?				1 7	µg/L	GE	E A8240
0	Lead, total recoverable	1 4	J	E		5 0	µg/L	GE	E
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	0
0	Nickel, total recoverable	3.1	Jv	EV		10	µg/L	GE	PA60
0	Nitrate-nitrite as nitrogen	130				100	µg/L	GE	PA353
0	Nitrate-nitrite as nitrogen	110				100	µg/L	GE	PA353
0	Selenium, total recoverable	<5 0				5.0	µg/L	GE	40
0	Sodium, total recoverable	6,560				100	µg/L	GE	PA60 0
0	Sulfate	5,090				1,000	µg/L	GE	EPA300
0	1,1,2,2-Tetrachloroethane	<1.7				1.7	µg/L	GE	A8240
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	A8240
0	Toluene	<1 7				1 7	µg/L	GE	PA8240
0	1,1,1-Trichloroethane	<1.7				1 7	µg/L	GE	PA8240
0	1,1,2-Trichloroethane	<1.7				1 7	µg/L	GE	PA8240
0	Trichloroethylene	<1 7				17	µg/L	GE	PA8240
0	Trichlorofluoromethane	<1.7				17.	µg/L	GE	PA8240
0	Actinium-228	6.3E-09±1.3E-08	UI			1 6E+01	µCi/mL	GP	IA-0
0	Antimony-124	-9.4E-10±2.3E-09	UI			4 0E+00	µCi/mL	GP	IA-0
0	Antimony-125	4.1E-09±6 5E-09	UI			1 1E+01	µCi/mL	GP	IA-0
0	Barium-133	1 5E-09±3 2E-09	UI			5 0E+00	µCi/mL	GP	IA-0
0	Cerium-144	1.3E-08±1.3E-08	UI			24E+01	µCi/mL	GP	IA-0
0	Cesium-134	-1 5E-09±2 2E-09	UI			37E+W	µCi/mL	GP	IA-0
0	Cesium-137	-1 4E-09±2 4E-09	UI			: 0E+00	µCi/mL	GP	IA-0
0	Cobalt-57	-3 3E-10±17E-09	UI			9E+00	µCi/mL	GP	IA-0
0	Cobalt-58	-5.6E-10±2.2E-09	UI			3 6E+00	µCi/mL	GP	IA-0
0	Cobalt-60	6.tE-IW22E4M	UI			4 3E+00	µCi/mL	GP	IA-0
0	Europium-152	1.4E-09±6.3E-09	UI			1 1E+01	µCi/mL	GP	IA-0
0	Europium-154	-1.5E4M22E416	UI			36E+01	µCi/mL	GP	IA-0
0	Europium-155	-4.4E-09±7.1E-09	UI			1 2E+01	µCi/mL	GP	IA-0
0	Gross alpha	17E-10±2 SE-10	UIJ	c		5 6E-01	µCi/mL	GP	IA-00
0	Lead-212	90E4M6 7E-09				5 9E+00	µCi/mL	GP	IA
0	Manganese-54	24E-IW2 1E-09	UI			38E+O0	µCi/mL	GP	IA-0
0	Neptunium-239	S 3E-09±13E-08	UI			23E+01	µCi/mL	GP	IA-0
0	Nonvolatile beta	65E-IW5 4E-10	UI			1 1E+00	µCi/mL	GP	IA-00
0	Potassium-40	39E4M2 7E-08	UI			5 0E+01	µCi/mL	GP	IA

Well HSL 6A collected on 04/27/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Promethium-144	2 . 1E-09±2.2E-09	UI			4 2E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	- 1 3E-09±3 1E-09	UI			5 0E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 2E 4Mi2 1E-08	UI			3 6E+01	µCi/mL	GP	EPIA-013
0	sodium-22	1 4E-09±2 4E-09	UI			4 4E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	7 2 E ~ ~ I 6E-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	2.1E-10±2.8E-09	UI			4 8E+00	µCi/mL	GP	EPIA-013
0	Tritium	- 2 3E-07±2 9E-07	UI			5 1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	4IE-10i.26E4)S	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-7 6E-10i46E-09	UI			8 0E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1 7E-IIt39E4)9	UI			6.9E+00	µCi/mL	GP	EPIA-013

WELL HSL 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/95
Depth to water: 107.2 ft (32.67 m) below TOC
Water elevation: 169.5 ft (51.66 m) msl
pH: 6.4
Sp. conductance: 85 µS/cm
Turbidity: 1 NTU
Water evacuated from*@ prior to sampling: 51 gal

Time: 13:46
Water temperature: 21.6 "c
Air temperature: 29.3 °C
Alkalinity: 29 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Re lt	R	A	B	SQL	Un	Lab	Method
0	pH	6.5	J	Q	L	0 010	pH	GE	EPA1501
0	Specific conductance	92				0 30	µS/cm	GE	EPA120.1
0	Benzene	<1.7				1.7	µg/L	GE	EPA6240
0	Bromodichloromethane	<1.7				1 7	µg/L	GE	EPA8240
0	Bromoform	<1 7				1 7	µg/L	GE	EPA8240
0	Bromomethane	<1 7				1 7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2.0				2 0	µg/L	GE	EPAW1O
0	Carbon tetrachloride	<1.7				1 7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1.7				1 7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1.7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Chromium, total recoverable	<4 0				4 0	µg/L	GE	EPA601O
0	Dibromochloromethane	<1.7				1 7	µg/L	GE	EPA6240
0	1,1-Dichloroethane	<1.7				1.7	µg/L	GE	EPA6240
0	1,2-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA6240
0	Dichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1.7				1.7	µg/L	GE	EPA6240
0	cis-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA6240
0	Ethylbenzene	<1.7				1 7	µg/L	GE	EPA6240
0	Lead, total recoverable	0.70	J	E		5 0	µg/L	GE	EPA7421
0	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	6.2	JV	EV		10	µg/L	GE	EPA601O
0	Nitrate-nitrite as nitrogen	70	J	E		100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA7740
0	Sodium, total recoverable	3,690				100	µg/L	GE	EPA6010
0	Sulfate	8,830				1,000	µg/L	GE	EPA300.0
0	1, 1,2,2-Tetrachloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1.7				1 7	µg/L	GE	EPA8240
0	Toluene	<1.7				1 7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1.7				1 7	µg/L	GE	EPA8240
0	Trichloroethylene	<1.7				1 7	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<1.7				1 7	µg/L	GE	EPA8240
0	Actinium-228	1.3Eai93E-09	UI			17E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-3.9E-10±2.4E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	36E~*5 9E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Barium-133	36E4M3 1E-09	UI			9E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	2.5E-09±1.4E-08	UI			: 4E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-1 2E49t26E4)9	UI			38E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-3 2E-10i24E4)9	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	cobalt-57	-1 4E-09±18E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	cobalt-56	6 1E-11±2 1E-09	UI			37EMXJ	µCi/mL	GP	EPIA-013
0	Cobalt-60	2 0E-09±2 5E-09	UI			4 9E+00	µCi/mL	GP	EPIA-013
0	Europium-152	33E49M 4E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-5 0E-09±2 2E-08	UI			39E+01	µCi/mL	GP	EPIA-013

Well HSL 6A... ...cted al 04/27/s5 (Writ)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Europium-155	-6.6E-09±7.8E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1 9E4)9t99E-10	J	c		1 4E+00	µCi/mL	GP	EPIA-001
0	Lead-212	1.5E-09±7.6E-09	UI			6 7E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.0E-10±2.4E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	1 3E-08±1 4E-08	UI			24E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 4E-09±8 7E-10	UI			17E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	2 w a i 4 3 E m	UI			47E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	5 9E-10±2 6E-09	UI			4 5E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	36E-1OQ 7E-09	UI			4 8E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	5.9E-09±2 0E-08	UI			35E*01	µCi/mL	GP	EPIA-013
0	sodium-22	46E-1(M2.4E=	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Thorium-228	1 2E-09±3 1E-10				1 0E+00	µCi/mL	GP	EPIA-012
0	Thorium-228	96E-10i33E-10	UI			1 0E+00	µCi/mL	GP	EPIA-012
0	Thorium-230	42E-10:1 7E-10	in			1 0E+00	µCi/mL	GP	EPIA-012
0	Thorium-230	9 7E-10±3 1E-10	UI			1 0E+00	µCi/mL	GP	EPIA-012
0	Thorium-232	23E-11$4 7E-11	UI			1 0E+00	µCi/mL	GP	EPIA-012
0	Thorium-232	7 0E-11±6 3E-11	UI			1 0E+00	µCi/mL	GP	EPIA-012
0	Thorium-234	6.6E-08±1.6E-07	UI			1 6E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-3 5E-10±2 6E-09	UI			4 9E+00	µCi/mL	GP	EPIA-013
0	Tritium	-1 2E-07±2 8E-07	UI			5 0E+02	µCi/mL	GP	EPIA-002
0	Tritium	-3.3E-07±2.8E-07	UI			S 1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	3 0E-11±2 6E-09	UI			46E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	1.3E-09±5.0E-09	UI			62E+o0	µCi/mL	GP	EPIA-013
0	Zirconium 95	-4.0E-1 1*39E49	UI			67E+w	µCi/mL	GP	EPIA-013

WELL HSL 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/95
Depth to water: 31.37 ft (9 56 m) below TOC
Water elevation: 245.73 ft (74.9 m) msl
pH: 5.8
Sp. conductance: 54 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 40 gal
Time: 14:48
Water temperature: 21.8 "c
Air temperature: 30 °C
Alkalinity: 10 mg/L
Phenolphthalein alkalinity: o mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	6.0	J	Q	'L	010	pH	GE	50
0	Specific conductance	59				30	µS/cm	GE	E 20
0	Specific conductance	59				30	µS/cm	GE	20.
0	Benzene	<1.7				7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1.7				7	µg/L	GE	E A8240
0	Bromoform	<1.7				7	µg/L	GE	EPA8240
0	Bromomethane	<1.7				7	µg/L	GE	EPA8240
0	Cadmium, told recoverable	o 51	J	E		0	µg/L	GE	EPA60 0
0	Carbon tetrachloride	<1.7				7	µg/L	GE	E A8240
0	Chlorobenzene	<17				1.7	µg/L	GE	E A8240
0	Chloroethane	<17				1 7	µg/L	GE	A8240
0	Chloroethane (Vinyl chloride)	<17				1 7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<17				1.7	µg/L	GE	E A8240
0	Chloroform	<17				1 7	µg/L	GE	E A8240
0	Chloromethane	<1.7				1 7	µg/L	GE	PA8 40
0	Chromium, total recoverable	2.6	J	E		4 0	µg/L	GE	E A60 0
0	Dibromochloromethane	<17				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1 7	µg/L	GE	PA8240
0	1,2-Dichloroethane	<1.7				1 7	µg/L	GE	PA8240
0	1,1-Dichloroethylene	<1.7				1 7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<17				1.7	µg/L	GE	PA8240
0	Dichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloropropene	<17				1.7	µg/L	GE	PA8240
0	cis-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	A8240
0	trans-1,3-Dichloropropene	<1.7				1 7	µg/L	GE	PA8240
0	Ethylbenzene	<1.7				1 7	µg/L	GE	PA8240
0	Lead, total recoverable	<5.0				5 0	µg/L	GE	
0	Mercury, total recoverable	0 078	J	E		0.20	µg/L	GE	
0	Nickel, total recoverable	4.6	JV	EV		10	µg/L	GE	A60
0	Nitrate-nitrite as nitrogen	1s0				100	µg/L	GE	A35
0	Selenium, total recoverable	<5.0				5 0	µg/L	GE	
0	Sodium, total recoverable	40,500				1,000	µg/L	GE	A60
0	Sulfate	5,100				1,000	µg/L	GE	A300
0	1,1,2,2-Tetrachloroethane	<1.7				1 7	µg/L	GE	A8240
0	Tetrachloroethylene	<1.7				1 7	µg/L	GE	A8 40
0	Toluene	<17				1 7	µg/L	GE	A8
0	1,1,1-Trichloroethane	<1.7				1.7	µg/L	GE	A8

...HSL 6B collected on 04/27/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.7				17	µg/L	GE	E A8240
0	Trichloroethylene	<17				17	µg/L	GE	E A8240
0	Trichlorofluoromethane	<1.7				17	µg/L	GE	EPA8240
0	Actinium-228	2.5E-09±1.0E-08	UI			1 8E+01	µCi/mL	GP	EPIA-0
0	Antimony-124	4OE-1OQ6E4I9	UI			5E+00	µCi/mL	GP	E IA-0
0	Antimony.125	-2.2E4)9i6.6E-	UI			: 1E+01	µCi/mL	GP	EPIA-0
0	Barium-133	1. 1E-09±3.4E-09	UI			5 3E+00	µCi/mL	GP	EPIA-0
0	Cerium-144	-6.7E-09±1.5E-08	UI			2 5E+01	µCi/mL	GP	E IA-0 3
0	Cesium-134	1.4E-10±2.5E-09	UI			4 5E+00	µCi/mL	GP	EPIA-0
0	Cesium-137	3 9E-10±2 6E-09	UI			47Eto0	µCi/mL	GP	E IA-0
0	Cobalt-57	1 0E-09±1 9E-09	UI			34E+O0	µCi/mL	GP	E IA-0
0	Cobalt-58	7.1E-09±4.4E-09				4 0E+00	µCi/mL	GP	IA-0
0	Cobalt-60	-1.6E-1OA2.7E49	UI				µCi/mL	GP	E IA-0
0	Europium-152	5.5E-09±7.5E-09	UI			: 2 3	µCi/mL	GP	E IA-0
0	Europium-154	4. SE-1OM 4E-08	UI			43E4G1	µCi/mL	GP	EPIA-0
0	Europium-155	-3.4E-09±8.0E-09	UI			1 4E+01	µCi/mL	GP	E IA-0
0		12E-1OM 4E-10	UIJ	c		1 1E+00	µCi/mL	GP	E IA-00
0	Lead-21 "	8 9E-09±7 3E-09				66E@o	µCi/mL	GP	E IA-0
0	Manganese-54	3 3E-10±2 6E-09	UI			4 6E+00	µCi/mL	GP	E IA-0
0	Neptunium-239	1 3E-08±1 5E-08	UI			2 6E+01	µCi/mL	GP	E IA-0
0	Nonvolatile beta	5.1 E-1OM.K-1O	UI			1 6E+00	µCi/mL	GP	E IA-00
0	Potassium-40	-3.2M6*33E46	UI			5 4E+01	µCi/mL	GP	E IA-0
0	Promethium-144	-6.0E-10±2.5E-09	UI			44E+O0	µCi/mL	GP	IA-0
0	Promethium-146	1 9E-09±3 3E-09	UI			s 8E+00	µCi/mL	GP	IA-0
1	Ruthenium-106	1.7E-08±2.2E-08	UI			42E+OI	µCi/mL	GP	E IA-0
0	Sodium-22	-1.2E-1OQ7E4S	UI			: 8E+00	µCi/mL	GP	E IA-0
0	Thorium-234	8 9E-08±1 6E-07	UI			6E+02	µCi/mL	GP	EPIA-0
0	Tin-113	3.3E-09±4.0E-09	UI			s 3E+00	µCi/mL	GP	IA-0
0	Tritium	-2.9E-07±2.8E-07	UI			S 1E+02	µCi/mL	GP	IA-002
0	Yttrium-88	5.1 E-1OM 8E-09	UI			5 3E+00	µCi/mL	GP	IA-0
o	Zinc-65	2.3E-09±5.7E-09	UI			1 1E+01	µCi/mL	GP	E IA-0
0	Zirconium-95	-2.9M6*45E4J9	UI			66E4G0	µCi/mL	GP	IA-0

WELL HSL 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/95
Depth ito water: 30.59 ft (9.32 m) below TOC
Water elevation: 248.11 ft (75.02 m) msl
pH: 5.4
Sp. conductance: 24 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 32 gal
Time: 13:55
Water temperature: 22 "c
Air temperature: 31 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.5	J	Q	L	0.010	pH	GE	50
0	pH	S.4	J	QY		0 10	pH	WA	50
0	Specific conductance	23				0.30	µS/cm	GE	20
0	Specific conductance	23		Y		10	µS/cm	WA	20.
0	Barium, total recoverable	1.9	JV	Ev		3 0	µg/L	GE	A60 0A
0	Benzene	<17				1 7	µg/L	GE	A8240
0	Benzene	<5 0		Y		5 0	µg/L	WA	A8240
0	Benzene	<5.0		Y		5 0	µg/L	WA	PA8240
0	Bromodichloromethane	<17				1 7	µg/L	GE	EPA8240
0	Bromodichloromethane	<5 0		Y		5 0	µg/L	WA	A8240
0	Bromodichloromethane	<5 o		Y		5 0	µg/L	WA	PA8240
0	Bromodichloromethane	<5 o		Y		5 0	µg/L	WA	PA8240
0	Bromoform	<17				1 7	µg/L	GE	PA8240
0	Bromoform	<5 0		Y		5 0	µg/L	WA	A8240
0	Bromoform	<5 0		Y		5 0	µg/L	WA	PA8240
0	Bromoform	<5 0		Y		5 0	µg/L	WA	A8240
0	Bromomethane	<1.7				1.7	µg/L	GE	A8240
0	Bromomethane	<10		Y		10	µg/L	WA	A8240
0	Bromomethane	<10		Y		10	µg/L	WA	A8240
0	Bromomethane	<10		Y		10	µg/L	WA	A8240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	A60 0A
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	PA60 0A
0	Cadmium, total recoverable	<4 7		Y		4 7	µg/L	WA	PA200
0	Cadmium, total recoverable	<4 7		Y		4 7	µg/L	WA	A200
0	carbon tetrachloride	<17				1 7	µg/L	GE	A8240
0	Carbon tetrachloride	<5 o		Y		5 0	µg/L	WA	A8240
0	Carbon tetrachloride	<5 0		Y		5 0	µg/L	WA	A8240
0	Carbon tetrachloride	<5 o		Y		5 0	µg/L	WA	A8240
0	Chlorobenzene	<17				1 7	µg/L	GE	A8240

Well HSL 6C collected on 05/09/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Chlorobenzene	<5 0		Y		5 0	µg/L	WA	PA8
0	Chlorobenzene	<5 0		Y		5 0	µg/L	WA	E A8
0	Chloroethane	<17				1.7	µg/L	GE	E A8240
0	Chloroethane	<10		Y		10	µg/L	WA	E A8 40
0	Chloroethane	<10		Y		10	µg/L	WA	E A8240
0	Chloroethane	<10		Y		10	µg/L	WA	A8 40
0	Chloroethene (vinyl chloride	<1.7				1.7	µg/L	GE	E A8 40
0	Chloroethene (Vinyl chloride	<10		Y		10	µg/L	WA	E A8240
0	Chloroethene (Vinyl chloride	<10		Y		10	µg/L	WA	E A8 40
0	Chloroethene (Vinyl chloride	<10		Y		10	µg/L	WA	E A8240
0	2-Chloroethyl vinyl ether	<17				1.7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<10		Y		10	µg/L	WA	EPA8240
0	2-Chloroethyl vinyl ● -	<10		Y		10	µg/L	WA	EPA8240
0	2-Chloroethyl vinyl ether	<10		Y		10	µg/L	WA	EPA8240
0	Chloroform	<17				1 7	µg/L	GE	EPA8240
0	Chloroform	<5 0		Y		5 0	µg/L	WA	EPA8 40
0	Chloroform	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Chloroform	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Chloromethane	<1.7				1.7	µg/L	GE	E A8240
0	Chloromethane	<10		Y		10	µg/L	WA	EPA8240
0	Chloromethane	<10		Y		10	µg/L	WA	E A8240
0	Chloromethane	<10		Y		10	µg/L	WA	EPA8240
0	Chromium, total recoverable	31	J	E		4 0	µg/L	GE	EPA60 0A
0	Chromium, total recoverable	29	J	E		4.0	µg/L	GE	EPA60 0A
0	Chromium, total recoverable	31	J	EY		10	µg/L	WA	EPA200
0	Chromium, total recoverable	33	J	EY		10	µg/L	WA	EPA200
0	Dibromochloromethane	●1.7				1 7	µg/L	GE	EPA8240
0	Dibromochloromethane	<5.0		Y		5 0	µg/L	WA	E A8240
0	Dibromochloromethane	<5 o		Y		5 0	µg/L	WA	EPA8240
0	Dibromochloromethane	<5.0		Y		5 0	µg/L	WA	EPA8240
0	1,1-Dichloroethane	<17				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<5 o		Y		5 0	µg/L	WA	EPA8240
0	1,1-Dichloroethane	<5 0		Y		5 0	µg/L	WA	EPA8240
0	1,1-Dichloroethane	<5 0		Y		5 0	µg/L	WA	E A8240
0	1,2-Dichloroethane	<17				1 7	µg/L	GE	E A8240
0	1,2-Dichloroethane	●5 o		Y		5 0	µg/L	WA	E A8240
0	1,2-Dichloroethane	<5 0		Y		5 0	µg/L	WA	E A8240
0	1,2-Dichloroethane	●5 o		Y		5 0	µg/L	WA	EPA8240
0	1,1-Dichloroethylene	<17				1 7	µg/L	GE	E A8240
0	1,1-Dichloroethylene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	1,1-Dichloroethylene	<5.0		Y		5 0	µg/L	WA	E A8240
0	trans-1,2-Dichloroethylene	<17				1 7	µg/L	GE	EPA8240
0	1,2-Dichloroethylene	<5.0		Y		5 0	µg/L	WA	EPA8 40
0	1,2-Dichloroethylene	<5 0		Y		5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethylene	<5 0		Y		5 0	µg/L	WA	E A8240
0	Dichloromethane	<17				1.7	µg/L	GE	E A8240
0	Dichloromethane	<5 o		Y		5 0	µg/L	WA	EPA8240
0	Dichloromethane	<5.0		Y		5 0	µg/L	WA	EPA8240
0	Dichloromethane	<5.0		Y		5 0	µg/L	WA	EPA8240
0	1,2-Dichloropropane	<17				1 7	µg/L	GE	EPA8 40
0	1,2-Dichloropropane	<5 O		Y		5.0	µg/L	WA	EPA8240
0	1,2-Dichloropropane	<5 0		Y		5 0	µg/L	WA	E A8240
0	1,2-Dichloropropane	<5 0		Y		5 0	µg/L	WA	EPA8240
0	cis-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<5.0		Y		5 0	µg/L	WA	E A8240
0	cis-1,3-Dichloropropene	<5.0		Y		5 0	µg/L	WA	EPA8240
0	cis-1,3-Dichloropropene	<5 0		Y		5.0	µg/L	WA	E A8240
0	trans-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<5.0		Y		5 0	µg/L	WA	EPA8 40
0	trans-1,3-Dichloropropene	<5 0		Y		5.0	µg/L	WA	EPA8240
0	trans-1,3-Dichloropropene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Ethylbenzene	<17				1 7	µg/L	GE	E A8240
0	Ethylbenzene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Ethylbenzene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Ethylbenzene	<5 0		Y		5.0	µg/L	WA	EPA8 40
0	Lead, total recoverable	<5.0		Iv		5.0	µg/L	GE	E
0	Lead, total recoverable	<25				25	µg/L	GE	EPA60 0A
0	Lead, total recoverable	<13		Y		13	µg/L	WA	EPA200
0	Led, total recoverable	2.6	J	EY		13	µg/L	WA	E A200
0	Manganese, total recoverable	13				2.0	µg/L	GE	E A60 0A
0	Mercury, total recoverable	<0.20				0 20	µg/L	GE	E
0	Mercury, total recoverable	<0 67		Y		0 67	µg/L	WA	EPA2
0	Mercury, total recoverable	<0.67		Y		0.67	µg/L	WA	EPA24
0	Nickel, total recoverable	2.1	J	E		10	µg/L	GE	EPA60
0	Nickel, total recoverable	3 0	J	E		10	µg/L	GE	A60 0A
0	Nickel, total recoverable	1.7	J	EY		5.4	µg/L	WA	PA200
0	Nickel, total recoverable	1.3	J	EY		5 4	µg/L	WA	A200

Well HSL 6C collected on 05/09/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	300				100	µg/L	GE	EPA3631
0	Nitrate-nitrite as nitrogen	334		Y		60	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA7740
0	Selenium, total recoverable	<19		Y		19	µg/L	WA	EPA200 7
0	Selenium, total recoverable	<19		Y		19	µg/L	WA	EPA200.7
0	Silver, total recoverable	<0 6S				0.65	µg/L	GE	EPA6010A
0	Sodium, total recoverable	1.620				100	µg/L	GE	EPA6010A
0	sodium, total recoverable	1.670				100	µg/L	GE	EPA6010A
0	Sodium, total recoverable	1,660		VY		4 7	µg/L	WA	EPA2007
0	Sodium, total recoverable	1,690		W		4 7	µg/L	WA	EPA2007
0	Sulfate	539	J	E		1,000	µg/L	GE	EPA300 O
0	Sulfate	583	J	EY		979	µg/L	WA	EPA300 O
0	Sulfate	579	J	EY		979	µg/L	WA	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1 7				1 7	µg/L	GE	EPAS240
0	1,1,2,2-Tetrachloroethane	<5 0		Y		5 0	µg/L	WA	EPA6240
0	1,1,2,2-Tetrachloroethane	<5 0		Y		5 0	µg/L	WA	EPA8240
0	1,1,2,2-Tetrachloroethane	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<5 0		Y		5 0	µg/L	WA	EPAS240
0	Tetrachloroethylene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Tetrachloroethylene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Toluene	<17				1 7	µg/L	GE	EPA8240
0	Toluene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Toluene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	1,1,1-Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<5 0		Y		5 0	µg/L	WA	EPA6240
0	1,1,1-Trichloroethane	<5 0		Y		5 0	µg/L	WA	EPA6240
0	1,1,1-Trichloroethane	<5 0		Y		5 0	µg/L	WA	EPA6240
0	1,1,2-Trichloroethane	<17				1 7	µg/L	GE	EPAS240
0	1,1,2-Trichloroethane	<5 o		Y		5 0	µg/L	WA	EPA6240
0	1,1,2-Trichloroethane	<5 0		Y		5 0	µg/L	WA	EPA6240
0	1,1,2-Trichloroethane	<5 0		Y		5 0	µg/L	WA	EPAS240
0	Trichloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	Trichloroethylene	<5 0		Y		5 0	µg/L	WA	EPAS240
0	Trichloroethylene	<5.0		Y		5 0	µg/L	WA	EPA6240
0	Trichlorofluoromethane	<1 7				1.7	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<5 0		Y		5 0	µg/L	WA	EPAS240
0	Trichlorofluoromethane	<5 0		Y		5 0	µg/L	WA	EPA6240
0	Trichlorofluoromethane	<5 0		Y		5 0	µg/L	WA	EPAS240
0	Xylenes	<5 0		Y		5 0	µg/L	WA	EPAS240
0	Xylenes	<5 0		Y		5 0	µg/L	WA	EPAS240
0	Xylenes	<5.0		Y		5 0	µg/L	WA	EPA6240
0	Actinium-228	9.1E4)W60E49	UI			1.4E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	0.0E+00	UI			1 1E+01	µCi/mL	AT	EPA901.1M
0	Antimony-124	9.7E-11±2 1E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	4.7E-09±5.4E-09	UI			1.0E+01	µCi/mL	GP	EPIA-013
0	Antimony-125	0.0E+00	UI			7.3E+00	µCi/mL	AT	EPA901.1M
0	Barium-133	-1.0E-09±2.8E-09	UI			4.1E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-9.4E-09±1.4E-08	UI			2.3E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	0.0E+00	UI			1.3E+01	µCi/mL	AT	EPA901.1M
0	Cesium-134	-3.7E46i23E4)6	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Cesium-134	0.0E+00	UI			3 0E+00	µCi/mL	AT	EPA901.1M
0	Cesium-137	-1.5E-09±2.1E-09	UI			3.5E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	0.0E+00	UI			3 2E+00	µCi/mL	AT	EPA901.1M
0	Cobalt-57	-3.8E-10±1.8E-09	UI			3.1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	0.0E+00	UI			1.7E+00	µCi/mL	AT	EPA901.1M
0	Cobalt-58	1 1E-09±1 SE-OS	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.6E-10±1.7E-09	UI			3 4E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	0.0E+00	UI			3 2E+00	µCi/mL	AT	EPA901.1M
0	Europium-152	3 5E-09±6 0E-09	UI			1.1E+01	µCi/mL	GP	EPIA-013
0	Europium-152	0.0E+00	UI			2 0E+01	µCi/mL	AT	EPA901.1M
0	Europium-154	-1.1E-08±1 5E-08	UI			2 6E+01	µCi/mL	GP	EPIA-013
0	Europium-154	o 0E+00	UI			1 1E+01	µCi/mL	AT	EPA901.1M
0	Europium-155	43E4ml 0E-08	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Europium-155	o 0E+00	UI			5 6E+00	µCi/mL	AT	EPA901.1M
0	Gross alpha	4.6E-10±5.1E-10	UI			9 2E-01	µCi/mL	GP	EPIA-001
0	Gross alpha	-1.8E-10±1 8E-10	UI			9 0E-01	µCi/mL	AT	EPA900 0M
0	Load-212	o 0E+00	UI			6 0E+00	µCi/mL	GP	EPIA-013
0	Lead-212	0.0E+00	UI			3 6E+00	µCi/mL	AT	EPA901 1M
0	Manganese-54	-8.1E-10±1 8E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	0.0E+00	UI			3 4E+00	µCi/mL	AT	EPA901 1M
0	Neptunium-239	-6.8E-09±1.4E-08	UI			2 4E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3SE-1(M79E-10	UI			1 8E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3 4E-10±4 1E-10	UI			1 4E+00	µCi/mL	AT	EPA900 0M
0	Potassium-40	1 9E-08±2 6E-08	UI			3 4E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	70E46L8 3E-08	UI			7 4E+00	µCi/mL	AT	EPA901 1M
0	Promethium-144	1 4E-10±1 8E-09	UI			3 3E+00	µCi/mL	GP	EPIA-013

Well HSL 6C collected on 05/09/95 (earn)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Promethium-144	0 0E+00	UI			37E+O0	µCi/mL	AT	EPA901 1M
o	Promethium-146	6 SE-toil 0E-06	UI			4 8E+00	µCi/mL	GP	EPIA-013
o	Promethium-146	o 0E+00	UI			5 4E+00	µCi/mL	AT	EPA901 1M
O	Ruthenium-106	35E41S*1 7E-06	UI			32E+01	µCi/mL	GP	EPIA-013
O	Ruthenium-106	0.0E+00	UI			25E+01	µCi/mL	AT	EPA901 1M
o	Sodium-22	-4 9E-10±1 8E-09	UI			33E+W	µCi/mL	GP	EPIA-013
o	Sodium-22	o 0E+00	UI			4 0E+00	µCi/mL	AT	EPA901 1M
o	Thorium-234	6 4E-08±1 0E-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
o	Thorium-234	0 0E+00	UI			84E+01	µCi/mL	AT	EPA901 1M
O	Tin-113	1 IE-DW25E4S	UI			4 6E+00	µCi/mL	GP	EPIA-013
O	Tritium	26Em*3 2E-07	UI			5 5E+02	µCi/mL	GP	EPIA-002
O	Tritium	6 0E-08±4 2E-07	UI			69E+02	µCi/mL	AT	EPA906 0M
o	Yttrium-88	1 IEQW.27E-OS	UI			4 9E+00	µCi/mL	GP	EPIA-013
o	Yttrium-88	o 0E+00	UI			57E+O0	µCi/mL	AT	EPA901.1M
o	Zinc-65	3 0E-09±3 9E-09	UI			73E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	o 0E+00	UI			7 8E+00	µCi/mL	AT	EPA901 1M
0	Zirconium-95	2.2E-09±3.6E-09	UI			66E+W	µCi/mL	GP	EPIA-013

WELL HSL 6C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/95
Depth to water: 30.59 ft (9.32 m) below TOC
Water elevation: 2465.11ft (75.02m)) msl
pH: 5.4
Sp. conductance: 24 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 13:55
Water temperature:22 "c
Air temperature: 31 "c
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: o mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	sat.	Unit	Lab	Method
0	pH	5 4	J	Q	L	0 010	pH	GE	EPA1501
0	pH	5.4	J	QY		0 10	pH	WA	EPA1501
0	Specific conductance	22				0.30	µS/cm	GE	EPA1201
0	Specific conductance	21		Y		10	µS/cm	W A	EPA120.1
0	Barium, total recoverable	1.9	J	E		3 0	µg/L	GE	EPA601OA
0	Benzene	<1.7				1 7	µg/L	G E	EPA8240
0	Benzene	<5 0		Y		5 0	µg/L	WA	EPA6240
0	Bromodichloromethane	<1.7				1 7	µg/L	G E	EPA8240
0	Bromodichloromethane	<5.0		Y		5 0	µg/L	W A	EPA8240
0	Bromoform	<1.7				1 7	µg/L	GE	EPA6240
0	Bromoform	<5.0		Y		5 0	µg/L	WA	EPA8240
0	Bromomethane	<1.7				1.7	µg/L	GE	EPA8240
0	Bromomethane	<10		Y		10	µg/L	WA	EPA8240
0	Cadmium, total recoverable	<2.0				2 0	µg/L	GE	EPMO1OA
0	Cadmium, total rrecoverable	<2.0				2 0	µg/L	G E	EPA6010A
0	Cadmium, total recoverable	<4.7		Y		4.7	µg/L	W A	EPA200.7
0	Carbon tetrachloride	<1.7				1 7	µg/L	G E	EPA8240
0	Carbon tetrachloride	<5 o		Y		5 0	µg/L	W A	EPA8240
0	Chlorobenzene	<1.7				1 7	µg/L	G E	EPA8240
0	Chlorobenzene	<5.0		Y		5 0	µg/L	WA	EPA8240
0	Chloroethane	<1.7				1.7	µg/L	GE	EPA6240
0	Chloroethane	<10		Y		10	µg/L	WA	EPA8240
0	Chloroethene (Vinyl chloride)	<1.7				1.7	µg/L	GE	EPA6240
0	Chloroethene (Vinyl chloride)	<10		Y		10	µg/L	W A	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1.7	µg/L	G E	EPA8240
0	2-Chloroethyl vinyl ether	<10		Y		10	µg/L	W A	EPA8240
0	Chloroform	<1.7				17	µg/L	G E	EPA8240
0	Chloroform	<5 o		Y		5 0	µg/L	WA	EPA6240
0	Chloromethane	*1.7				1.7	µg/L	GE	EPA6240
0	Chloromethane	<10		Y		10	µg/L	WA	EPA8240
0	Chromium, total recoverable	3.0	J	E		4.0	µg/L	GE	EPM301oA
0	Chromium, total recoverable	3.5	J	E		4.0	µg/L	G E	EPA6010A
0	Chromium, total recoverable	3.1	J	EY		10	µg/L	WA	EPA200.7
0	Dibromochloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	Dibromochloromethane	<5.0		Y		5 0	µg/L	WA	EPA8240
0	1,1-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<5.0		Y		5 0	µg/L	W A	EPA8240
0	1,2-Dichloroethane	<1.7				1 7	µg/L	G E	EPA8240
0	1,2-Dichloroethane	<5.0		Y		5 0	µg/L	WA	EPA6240
0	1,1-Dichloroethylene	<1 7				1.7	µg/L	GE	EPA6240
0	1,1-Dichloroethylene	<5 0		Y		5 0	µg/L	WA	EPA6240
0	trans-1,2-Dichloroethylene	01.7				1 7	µg/L	G E	EPA8240
0	1,2-Dichloroethylene	<5 o		Y		5 0	µg/L	W A	EPA8240
0	Dichloromethane	<1.7				1.7	µg/L	G E	EPA8240

Well HSL 6C collected on 05/0S/S5 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Dichloromethane	<5 0		Y		5 0	µg/L	WA	EPA8240
0	1,2-Dichloropropane	<1 7				1 7	µg/L	GE	EPA6240
0	1,2-Dichloropropane	05 o		Y		5 0	µg/L	WA	EPA8240
0	cis-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<5 0		Y		5 0	µg/L	WA	EPA8240
0	trans-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<5 o		Y		5.0	µg/L	WA	EPA8240
0	Ethylbenzene	<1 7				1 7	µg/L	GE	EPA8240
0	Ethylbenzene	<5 o		Y		5 0	µg/L	WA	EPA6240
0	Lead, tolD recoverable	1.7	JV	EV	H	5.0	µg/L	GE	EPA7421
0	Lead, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Lead, total recoverable	<13		Y		13	µg/L	WA	EPA200.7
0	Manganese, total recoverable	13				2 0	µg/L	GE	EPMO1OA
0	Mercury, total recoverable	<0 20				0 20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0 67		Y		01.67	µg/L	WA	EPA245.1
0	Nickel, total recoverable	2.0	JV	EV		10	µg/L	GE	EPMO1OA
0	Nickel, total recoverable	<lo		V		10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	1-9	J	EY		5.4	µg/L	WA	EPA200 7
0	Nitrate-nitrite e S nitrogen	240				100	µg/L	GE	EPA3531
0	Nitrate-nitrite e S nitrogen	341		Y		60	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA7740
0	Selenium, total recoverable	<19		Y		19	µg/L	WA	EPA200.7
0	Silver, total recoverable	<0 65				0.65	µg/L	GE	EPAS010A
0	Sodium, total recoverable	1,610				100	µg/L	GE	EPA801oA
0	Sodium, total recoverable	1,660				100	µg/L	GE	EPAS010A
0	Sodium, total recoverable	1,730		VY		4 7	µg/L	WA	EPA2007
0	Sulfate	559	J	E		1,000	µg/L	GE	EPA300 O
0	Sulfate	565	J	EY		979	µg/L	WA	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,2,2-Tetrachloroethane	<5 0		Y		5 0	µg/L	WA	EPA6240
0	Tetrachloroethylene	<1 7				1.7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<5 0		Y		5 0	µg/L	WA	EPA6240
0	Toluene	<1 7				1 7	µg/L	GE	EPA8240
0	Toluene	05 o		Y		5 0	µg/L	WA	EPA8240
0	1,1,1-Trichloroethane	<1 7				1 7	µg/L	GE	EPA6240
0	1,1,1-Trichloroethane	<5.0		Y		5 0	µg/L	WA	EPA6240
0	1,1,2-Trichloroethane	<1.7				1.7	µg/L	GE	EPA6240
0	1,1,2-Trichloroethane	<5 0		Y		5 0	µg/L	WA	EPA8240
0	Trichloroethylene	<1.7				1.7	µg/L	GE	EPA6240
0	Trichloroethylene	<5.0		Y		5 0	µg/L	WA	EPA6240
0	Trichlorofluoromethane	<1.7				1 7	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<5 o		Y		5 0	µg/L	WA	EPA6240
0	Xylenes	<5.0		Y		5 0	µg/L	WA	EPA8240
0	Actinium-228	4 6 E * 1 0E-06	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Actinium-228	0 0E+00	UI			1 1E+01	µCi/mL	AT	EPA901.1M
0	Antimony-124	3 OE-1OM 7E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	1 9E-09±4.5E-09	UI			8 1E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	o 0E+00	UI			74E+O0	µCi/mL	AT	EPA901.1M
0	Barium-133	4.7E-10±2.1E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	-5.2E-09±1 1E-08	UI			1 8E+01	µCi/mL	GP	EPIA-013
0	Cerium-144	0. 0E+00	UI			1 5E+01	µCi/mL	AT	EPA901 1M
0	Cesium-134	-2.7E-09±1.8E-09	UI			26E+O0	µCi/mL	GP	EPIA-013
0	Cesium-134	0.0E+00	UI			3 0E+00	µCi/mL	AT	EPA901.1M
0	Cesium-137	-1 .7E-09±1 8E-09	UI			2 9E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	o 0E+00	UI			2 6E m	µCi/mL	AT	EPA901.1M
0	Cobalt-57	6 7E-10±1 3E-09	UI			23E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	0 0E+00	UI			1 9E+00	µCi/mL	AT	EPA901 1M
0	Cobalt-58	4.2E-1OM.5E4IS	UI			2 5E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	4 0E-10±16E-09	UI			27E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	0.0E+00	UI			34E400	µCi/mL	AT	EPA901.1M
0	Europium-152	-1.7E-09±4 9E-09	UI			8 0E+00	µCi/mL	GP	EPIA-013
0	Europium-152	o 0E+00	UI			1 7E+01	µCi/mL	AT	EPA901.1M
0	Europium-154	3 7 E ~ I 5E-08	UI			2 8E+01	µCi/mL	GP	EPIA-013
0	Europium-154	0 0E+00	UI			94E+o0	µCi/mL	AT	EPA901 1M
0	Europium-155	26E4JW5 3E-09	UI			92E+O0	µCi/mL	GP	EPIA-013
0	Europium-155	0 0E+00	UI			6 9E+00	µCi/mL	AT	EPA901 1M
0	Gross alpha	64E-1W56E-1O	UI			S 8E-01	µCi/mL	GP	EPIA-001
0	Gross alpha	53E-Ilti 2E-10	UI			8 9E-01	µCi/mL	AT	EPA800 0M
0	Lead-212	0 0E+00	UI			!57E400	µCi/mL	GP	EPIA-013
0	Lead-212	0.0E+00	UI			37E+O0	µCi/mL	AT	EPA901 1M
0	Manganese-54	-2.2E-09±2 0E-09	UI			25E+o0	µCi/mL	GP	EPIA-013
0	Manganese-54	0. 0E+00	UI			32E+O0	µCi/mL	AT	EPA901 1M
0	Neptunium-239	-2.0E-09±9 7E -09	UI			1 7E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	79E-10i7 1E-10	UI			1 5E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3 1E-10±4 1E-10	UI			1 4E+00	µCi/mL	AT	EPASOO 0M
0	Potassium-40	23E416M 0E-06	UI			4 0E+01	µCi/mL	GP	EPIA413
0	Potassium-40	0 0E+00	UI			3 7E+01	µCi/mL	AT	EPA901 1M

Well HSL 6C collected on 05/09/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Promethium-144	-6.8E-10±1.5E-09	UI			2.5E+00	µCi/mL	GP	EPIA-013
0	Promethium-144	0.0E+00	UI			3.1E+00	µCi/mL	AT	EPA901.1M
0	Promethium-146	2.2E-10±2.1E-09	UI			3.7E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	0.0E+00	UI			5.6E+00	µCi/mL	AT	EPA901.1M
0	Ruthenium-106	5.7E-09±1.5E-08	UI			2.6E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	0.0E+00	UI			2.7E+01	µCi/mL	AT	EPA901.1M
0	Sodium-22	-5.5E-10±1.8E-09	UI			3.1E+00	µCi/mL	GP	EPIA-013
0	Sodium-22	0.0E+00	UI			3.4E+00	µCi/mL	AT	EPA901.1M
0	Thorium-234	0.0E+00	UI			6.4E+01	µCi/mL	GP	EPIA-013
1	Thorium-234	4.0E-07±2.1E-07				7.4E+00	µCi/mL	AT	EPA901.1M
0	Tin-113	-3.4E-10±2.0E-09	UI			3.4E+00	µCi/mL	GP	EPIA-013
0	Tritium	-3.3E-08±3.1E-07	UI			5.4E+02	µCi/mL	GP	EPIA-002
0	Tritium	-2.6E-07±4.2E-07	UI			6.9E+02	µCi/mL	AT	EPA906.0M
0	Yttrium-88	6.9E-10±1.9E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
0	Yttrium-88	0.0E+00	UI			4.0E+00	µCi/mL	AT	EPA901.1M
0	Zinc-65	-1.4E-09±4.0E-09	UI			6.0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	0.0E+00	UI			6.0E+00	µCi/mL	AT	EPA901.1M
0	Zirconium-95	-3.5E-09±3.0E-09	UI			4.6E+00	µCi/mL	GP	EPIA-013

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth to water: 20.2 ft (6.16 m) below TOC
Water elevation: 259.8 ft (79.19 m) msl
pH: 4.2
Sp. conductance: 96 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 2 gal
The well went dry during purging.

Time: 8:24
Water temperature: 17.9 °C
Air temperature: 19.3 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	4.4	J	O	L	0.010	pH	GE	EPA150.1
0	pH	4.4	J	O	L	0.010	pH	GE	EPA150.1
0	Specific conductance	96				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	96				0.30	µS/cm	GE	EPA120.1
0	Benzene	<1.7				1.7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Bromoform	<1.7				1.7	µg/L	GE	EPA8240
0	Bromomethane	<1.7				1.7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010
0	Carbon tetrachloride	<1.7				1.7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1.7				1.7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1.7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Chromium, total recoverable	7.3				4.0	µg/L	GE	EPA6010
0	Cyanide	<20		V		20	µg/L	GE	EPA335.3
0	Cyanide	<20		V		20	µg/L	GE	EPA335.3
0	Dibromochloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Dichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1.7				1.7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA8240
0	Ethylbenzene	<1.7				1.7	µg/L	GE	EPA8240
0	Lead, total recoverable	4.7	J	E		5.0	µg/L	GE	EPA7421
0	Mercury, total recoverable	0.67				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	6.6	J	E		10	µg/L	GE	EPA6010
0	Nitrate-nitrite as nitrogen	2,520				200	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA7740
0	Sodium, total recoverable	2,970				100	µg/L	GE	EPA6010
0	Sulfate	19,500	J	Q	L	1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Toluene	<1.7				1.7	µg/L	GE	EPA8240
0	[illegible]richloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	[illegible]hloroethene	<1.7				1.7	µg/L	GE	EPA82
0	[illegible]thylene	<1.7				1.7	µg/L	GE	EPA82

Well HSL 6D collected on 04/28/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Actinium-228	5.1E-09±7.5E-09	UI			1.5E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	2.5E-09±2.5E-09	UI			3.3E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.3E-09±5.6E-09	UI			9.5E+00	µCi/mL	GP	EPIA-013
0	Barium-133	1.1E-10±2.8E-09	UI			4.3E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	1.9E-10±1.2E-08	UI			2.2E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	2.4E-09±2.3E-09	UI			2.6E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	2.4E-09±3.7E-09	UI			3.4E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.1E-09±1.6E-09	UI			2.9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.3E-10±1.8E-09	UI			3.4E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.8E-10±2.0E-09	UI			3.8E+00	µCi/mL	GP	EPIA-013
0	Europium-152	4.9E-09±5.6E-09	UI			1.0E+01	µCi/mL	GP	EPIA-013
0	Europium-154	4.6E-09±1.6E-08	UI			3.1E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-2.8E-10±6.9E-09	UI			1.2E+01	µCi/mL	GP	EPIA-013
1	Gross alpha	8.6E-09±2.0E-09				1.8E+00	µCi/mL	GP	EPIA-001
1	Iodine-129	5.8E-10±8.4E-10	UI			1.9E+00	µCi/mL	GP	EPIA-006
2	Iodine-129	1.8E-09±1.3E-09				1.8E+00	µCi/mL	GP	EPIA-006
0	Lead-212	3.3E-09±5.1E-09	UI			5.7E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	2.9E-10±1.8E-09	UI			3.4E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	2.8E-09±1.2E-08	UI			2.1E+01	µCi/mL	GP	EPIA-013
0	Nickel-63	2.2E-08±1.9E-08	UI			3.9E+01	µCi/mL	GP	EPIA-022
1	Nickel-63	2.6E-08±1.9E-08	UI			4.0E+01	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	1.4E-07±5.0E-09				1.8E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	-1.8E-09±2.2E-08	UI			4.1E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	7.4E-10±1.7E-09	UI			3.2E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	2.1E-09±2.6E-09	UI			4.8E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	3.2E-09±1.7E-08	UI			3.2E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	4.5E-10±1.5E-09	UI			3.0E+00	µCi/mL	GP	EPIA-013
0	Strontium-90	4.4E-10±1.7E-10				2.1E-01	µCi/mL	GP	EPIA-004
0	Strontium-90	2.4E-10±1.4E-10				2.0E-01	µCi/mL	GP	EPIA-004
0	Technetium-99	4.1E-09±8.6E-09	UI			2.1E+01	µCi/mL	GP	EPIA-005
0	Thorium-234	3.8E-08±1.3E-07	UI			1.7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1.7E-10±2.5E-09	UI			4.3E+00	µCi/mL	GP	EPIA-013
2	Tritium	5.2E-05±3.8E-06				1.8E+03	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.3E-09±2.0E-09	UI			3.3E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.4E-09±3.9E-09	UI			6.4E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	5.0E-09±6.5E-09	UI			6.3E+00	µCi/mL	GP	EPIA-013

WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth to water: 23.63 ft (7.2 m) below TOC
Water elevation: 260.17 ft (79.3 m) msl
pH: 4.7
Sp. conductance: 73 µS/cm
Turbidity: 18 NTU
Water evacuated from the well prior to sampling: 3 gal
The well went dry during purging.

Time: 8:01
Water temperature: 17.8 °C
Air temperature: 15.6 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	4.9	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	61				0.30	µS/cm	GE	EPA120.1
0	Benzene	<1.7				1.7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Bromoform	<1.7				1.7	µg/L	GE	EPA8240
0	Bromomethane	<1.7				1.7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010
0	Carbon tetrachloride	<1.7				1.7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1.7				1.7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1.7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Chromium, total recoverable	2.5	J	E		4.0	µg/L	GE	EPA6010
0	Dibromochloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Dichloromethane	<1.7				1.7	µg/L		EPA8240
0	1,2-Dichloropropane	<1.7				1.7	µg/L		EPA8240
0	cis-1,3-Dichloropropene	<1.7				1.7	µg/L		EPA8240

Well HSL 7D collected on 04/26/S5 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Kens-1,3-DMOfOfMOPOnO	<1 7				1 7	µg/L	GE	EPA8240
0	Ethylbenzene	<1.7				1 7	µg/L	GE	EPA8240
0	Lead, total recoverable	6 6				5 0	µg/L	GE	EPA7421
0	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	6.9	J	E		10	µg/L	GE	EPA6010
0	Nitrate-nitrite s nitrogen	3,s00				00	µg/L	GE	EPA353. 1
0	Selenium, total recoverable	<5.0				50	µg/L	GE	EPA7740
0	Sulfate	770	J	E		1,000	µg/L	GE	EPA300 O
0	1,1,2,2-Tetrachloroethane	<1 7				17	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1 7				17	µg/L	GE	EPA8240
0	Toluene	<1 7				1 7	µg/L	GE	EPAS240
0	1,1,1-Trichloroethane	<1 7				17	µg/L	GE	EPA6240
0	1,1,2-Trichloroethane	<1 r				17	µg/L	GE	EPAS240
0	Trichloroethylene	<17				1 7	µg/L	GE	EPAS240
0	Trichlorofluoromethane	<1.7				1 7	µg/L	GE	EPA6240
0	Gross alpha	2SE4WSS E-10	J	c		1 0E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	27E- 5E-10				1 6E+00	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	1 2E-09±5 OE-10	J	c		43Eal	µCi/mL	GP	EPIA-010
2	Tritium	4.5E-05±3.2E-06				1 7E+03	µCi/mL	GP	EPIA-002

WELL HSL 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth to water: 115 ft (35.05 m below TOC
Water elevation: 173.5 ft (52.83 m) msl
pH: 6.1
Sp. conductance: 73 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior **to sampling: 25 gal**

Time: 102S
waler **temperature: 21**.2 "c
Air temperature: 25 °C
Alkalinity: 19 mg/L
Phenolphthalein alkalinity: o **mg/L**

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	6.5	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	80				0 30	µS/cm	GE	EPA120.1
0	Benzene	<1 7				1.7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Bromoform	<1.7				1.7	µg/L	GE	EPA8240
0	Bromomethane	<1.7				1.7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010
0	Carbon tetrachloride	<1.7				1.7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1.7				1 7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1 7				1.7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1.7	µg/L	GE	EPA8240
0	Chloromethane	<1 7				1.7	µg/L	GE	EPA8240
0	Chromium, total recoverable	<4.0				4 0	µg/L	GE	EPA6010
0	Dibromochloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				17	µg/L	GE	EPA8240
0	1,2-Dichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Dichloromethane	<1 7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1.7				1.7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1 7				17	µg/L	GE	EPA8240
0	Ethylbenzene	<1 7				1 7	µg/L	GE	EPA8240
0	Lead, total recoverable	<5 0				5.0	µg/L	GE	EPA7421
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	2.2	J	E		10	µg/L	GE	EPA6010
0	Nitrate-nitrite as nitrogen	80	J	E		100	µg/L	GE	EPA353.1
0	PCB 1016	<0.83				083	µg/L	GE	EPA8080
0	PCB 1016	<0.83				003	µg/L	GE	EPA8080
0	PCB 1221	<0.83				0 83	µg/L	GE	EPA8080
0	PCB 1221	<0.83				0 83	µg/L	GE	EPAS060
0	PCB 1232	<0 83				003	µg/L	GE	EPA8060
0	PCB 1232	<0.83				083	µg/L	GE	EPA8060
0	PCB 1242	<0.83				083	µg/L	GE	EPA8060
0	PCB 1242	<0 83				083	µg/L	GE	EPA8080
0	PCB 1248	<0 83				003	µg/L	GE	EPA8060
0	PCB 1248	<0.83				083	µg/L	GE	EPA8060
0	PCB 12s4	<0 83				083	µg/L	GE	EPA6060
0	PCB 1254	<0.83				083	µg/L	GE	EPA8080
0	PCB 1260	<0.83				003	µg/L	GE	EPA6060

Well HSL 6A collected on 04/26/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	PCB 1260	<0 83				0 83	µg/L	GE	EPA8080
0	Selenium, total recoverable	<5 0				5.0	µg/L	GE	EPA7740
0	Sodium, total recoverable	2,300				100	µg/L	GE	EPA6010
0	Sulfate	2,100	J	Q	L	1,000	µg/L	GE	EPA300.0
0	Sulfate	2,090	J	Q	L	1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1 7				1 7	µg/L	GE	EPA8240
0	Toluene	<1 7				1.7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1 7				17	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	Trichloroethylene	<1 7				1.7	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<1 7				17	µg/L	GE	EPA8240
0	Actinium-228	70E~t7 4E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	3 2E-10±2 0E-09	UI			37E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	1.2E-09±5.1E-09	UI			9 5E+00	µCi/mL	GP	EPIA-013
0	Barium-133	-1 .8E-09±3.0E-09	UI			43E+W	µCi/mL	GP	EPIA-013
0	Cerium-144	1 1E-08±15E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	8 9E-10±2 1E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	5 7E-11±2 0E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	3 8E-10±17E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	1 1E-09±1 8E-09	UI			32E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	8 9E-10±2 1E-09	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Europium-152	0 0E+00	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Europium-154	3 4E-09±9 2E-09	UI			1 7E+01	µCi/mL	GP	EPIA-013
0	Europium-155	3 3E-10±7 4E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	7 1E-10±5 5E-10	UI			8 9E-01	µCi/mL	GP	EPIA-001
0	Lead-212	4.3E-09±5.2E-09	UI			5 3E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-6 1E-10±1 9E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4.2E-09±1.3E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 9E-09±7 4E-10				1 3E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	3 8E-08±3 6E-08				26E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	5.5E-10±2.2E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	-6 6E-11±2 2E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.9E-09±1.8E-08	UI			32E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	2 0E-11±1 8E-09	UI			3 5E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	2.9E-08±1.4E-07	UI			1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1.8E-10±2 4E-09	UI			4 3E+00	µCi/mL	GP	EPIA-013
0	Tritium	-3.5E-07±2.8E-07	UI			5 1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	7.7E-10±1.8E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.1E-09±4.1E-09	UI			6 3E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.8E-09±2 8E-09	UI			56E400	µCi/mL	GP	EPIA-013

WELL HSL 8AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/95
Depth to water: 112.3 ft (34.23 m) below TOC
Water elevation: 176.5 ft (53 8 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
The well went dry before sampling began.

Time: 15:15
Water temperature **Not available**
Air temperature: Not raklabb
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HSL 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth to water: 37.99 ft (1.5S m) below TOC
Water elevation: 250.71 ft (7642 m) msl
pH: 6.9
Sp. conductance 121 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling 45 gal

Time: 12.02
Water temperature. **22.2** "C
Air temperature: 27
Alkalinity: 45 mg/L
Phenolphthalein alkalinity O **mg/L**

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7.0	J	Q	L	0 010	pH	GE	EPA150 1
0	Specific conductance	125				0 30	µS/cm	GE	EPA120 1
0	Benzene	<1 7				1 7	µg/L	GE	EPA8240
0	Bromodichloromethane	<1 7				1 7	µg/L	GE	EPA8240
0	Bromoform	<1 7				1 7	µg/L	GE	EPA8240
0	Bromomethane	<1 7				1 7	µg/L	GE	EPA8240
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPMO1O
0	Carbon tetrachloride	<1 7				1 7	µg/L	GE	EPA8240

Well HSL 8B collected on 04/26/95 (ant)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Chlorobenzene	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroethane	<1.7				17	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<1.7				1.7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1.7	µg/L	GE	EPA8240
0	Chloromethane	<1.7				1.7	µg/L	GE	EPA6240
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPMO1O
0	Dibromochloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Dichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1.7				1.7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1.7				1.7	µg/L	GE	EPM240
0	Ethylbenzene	<1.7				1.7	µg/L	GE	EPA6240
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA7421
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	4.8	J	E		10	µg/L	GE	EPA6010
0	Nitrate-nitrite as nitrogen	70	J	E		100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA7740
0	Sodium, total recoverable	11,700				100	µg/L	GE	EPMO1O
0	Sulfate	683	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Toluene	<1.7				1.7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1.7				17	µg/L	GE	EPA8240
0	Trichloroethylene	<1.7				1.7	µg/L	GE	EPA6240
0	Trichlorofluoromethane	<1.7				17	µg/L	GE	EPA8240
0	Actinium-228	8.4E-09±7.7E-09	UI			1.4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	8.6E-11±2.0E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	1.3E-09±5.6E-09	UI			92E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	-9.6E-09±3.4E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	5.0E-09±1.4E-08	UI			2.5E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.6E-10±2.2E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.6E-10±2.0E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.4E-09±1.9E-09	UI			34E+o0	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.6E-09±1.9E-09	UI			43E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.1E-10±2.3E-09	UI			42E+o0	µCi/mL	GP	EPIA-013
0	Europium-152	-3.5E-09±5.6E-09	UI			9.0E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-3.0E-09±1.8E-08	UI			32E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-4.3E-09±8.2E-09	UI		C	1.4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	-9.9E-11±3.9E-10	UIJ		C	12E400	µCi/mL	GP	EPIA-001
0	Lead-212	4.3E-09±5.4E-09	UI			: 0E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-5.9E-10±2.0E-09	UI			5E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	-1.2E-08±1.4E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.5E-09±8.7E-10	UI			1.7E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	1.7E-08±3.7E-08	UI			3.9E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	7.8E-10±1.6E-09	UI			34E+o0	µCi/mL	GP	EPIA-013
0	Promethium-146	3.5E-09±2.6E-09	UI			5.5 E m	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-6.6E-09±1.9E-08	UI			32E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	7.0E-10±1.6E-09	UI			3.5E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	3.2E-08±1.7E-07	UI			1.8E+02	µCi/mL	GP	EPIA-013
0	Tin-I 13	-1.1E-09±2.4E-09	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Tritium	2.6E-08±3.6E-07				S.1E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	1.3E-09±3.0E-09	UI			5.1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.7E-10±4.6E-09	UI			73E+O0	µCi/mL	GP	EPIA-013
0	Zirconium-95	-3.9E-10±3.2E-09	UI			57E+o0	µCi/mL	GP	EPIA-013

WELL HSL 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/95
Depth to water: 36.87 ft (11.24 m) below TOC
Water elevation: 251.83 ft (76.76 m) msl
pH: 11.4
Sp. conductance: 655 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 40 gal

Time: 13:00
Water temperature: 22.6 °C
Air temperature: 30.8 °C
Alkalinity: 151 mg/L
Phenolphthalein alkalinity: 122 mg/L

Well HSL 8C collected on 04/26/95 (cont)

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	pH	12	J	Q	L	0.010	pH	GE	EPA150.1
2	Specific Conductance	715				0.30	µS/cm	GE	EPA120.1
0	Benzene	<1.7				17	µg/L	GE	EPA8240
0	Bromodichloromethane	<1.7				17	µg/L	GE	EPA8240
0	Bromoform	<1.7				1.7	µg/L	GE	EPA6240
0	Bromomethane	<1.7				1.7	µg/L	GE	EPA6240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601O
0	Carbon tetrachloride	<1.7				1.7	µg/L	GE	EPA8240
0	Chlorobenzene	<1.7				1.7	µg/L	GE	EPA6240
0	Chloroethane	<1.7				1.7	µg/L	GE	EPA6240
0	Chloroethane (inyl chloride)	<1.7				1.7	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<1.7				1.7	µg/L	GE	EPA8240
0	Chloroform	<1.7				1.7	µg/L	GE	EPM240
0	Chloromethane	<1.7				1.7	µg/L	GE	EPA6240
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPMO1O
0	Dibromochloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1.7				1.7	µg/L	GE	EPA6240
0	Dichloromethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<1.7				1.7	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<1.7				17	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1.7				17	µg/L	GE	EPA6240
0	Ethylbenzene	<1.7				17	µg/L	GE	EPA8240
1	Lead, total recoverable	29				5.0	µg/L	GE	EPA7421
0	Mercury, total recoverable	0.060	J	E		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601O
0	Nitrate-nitrite as nitrogen	320				100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.o				5.0	µg/L	GE	EPA7740
0	Sodium, total recoverable	17,300				100	µg/L	GE	EPA601o
0	Sulfate	1,450				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.7				17	µg/L	GE	EPA8240
0	Tetrachloroethylene	<1.7				1.7	µg/L	GE	EPA8240
0	Toluene	<1.7				1.7	µg/L	GE	EPA8240
0	1,1,1-Trichloroethane	<1.7				1.7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1.7				1.7	µg/L	GE	EPA6240
0	Trichloroethylene	<1.7				1.7	µg/L	GE	EPA6240
0	Trichlorofluoromethane	<1.7				1.7	µg/L	GE	EPA8240
0	Actinium-228	5.1E-09±7.5E-09	UI			1.5E+01	µCi/mL	GP	EPIA-013
0	Anthony-124	2.0E-09±1.5E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	46E4W5 6E-09	UI			1.0E+01	µCi/mL	GP	EPIA-013
0	Barium-133	1.3E-09±3.1E-09	UI			4.9E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.2E-08±1.5E-08	UI			2.5E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.6E-10±1.9E-09	UI			32E+G0	µCi/mL	GP	EPIA-013
0	Cesium-137	66E-1~ 0E-09	UI			3.9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.4E-09±2.4E-09	UI			32E+m	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.6E-09±2.1E-09	UI			36E+G0	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3.8E-10±1.9E-09	UI			3.5E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-1.7E-09±6.3E-09	UI			1.1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	5.5E-09±1.8E-08	UI			34E401	µCi/mL	GP	EPIA-013
0	Europium-155	46E4)6i7 8E-09	UI			1.4E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1.5E-09±10E-09	J	C		1.4E+00	µCi/mL	GP	EPIA-001
0	Lead-212	1.4E-09±6.0E-09	UI			6.6E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-1 3E-1OQ 0E-09	UI			3.6E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	-2.0E-09±1.3E-08	UI			23E+G1	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.5E-09±9.5E-10				1.7E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	1.1E-09±2.4E-08	UI			46E401	µCi/mL	GP	EPIA-013
0	Promethium-144	1.0E-11±1.8E-09	UI			3.4E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.7E-09±2.6E-09	UI			42E+o0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	4.3E-09±1.7E-08	UI			32E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.5E-09±2.2E-09	UI			35E+o0	µCi/mL	GP	EPIA-013
0	Thorium-234	4.0E-08±1.1E-07	UI			1.8E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-7.7E-1OQ.6E49	UI			4.4E+00	µCi/mL	GP	EPIA-013
2	Tritium	2.3E-05±1.8E-08				1.2E+03	µCi/mL	GP	EPIA-002
0	Yttrium-88	-7.2E-10±2.3E-09	UI			4.1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	1.6E-09±4.2E-09	UI			73E+o0	µCi/mL	GP	EPIA-013
0	Zirconium-95	1 7E4)w36E09	UI			69E+W	µCi/mL	GP	EPIA-013

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/95
Depth to water: 27.4 ft (8.35 m) below TOC
Water elevation: 261.3 ft (79.65 m) msl
pH: 5.1
Sp. conductance: 216 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 2 gal
The well went dry during purging.

Time: 8:58
water temperature: 19.0 °c
Air temperature: 19.5 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5 3	J	Q	L	0010	pH	GE	50
0	pH	5 4	J	Q	L	0010	pH	GE	E 50
0	Specific conductance	248				0 30	µS/cm	GE	20
1	Specific conductance	250				0 30	µS/cm	GE	20
0	Benzene	<1 7				17	µg/L	GE	PA8 40
0	Bromodichloromethane	<1 7				1 7	µg/L	GE	PA8
0	Bromoform	<1 7				1 7	µg/L	GE	PA8 40
0	Bromomethane	<1 7				17	µg/L	GE	PA8
0	Cadmium, total recoverable	<2 o				2 0	µg/L	GE	A60 0A
0	Carbon tetrachloride	<1 7				1 7	µg/L	GE	A8 40
0	Chlorobenzene	<1 7				1 7	µg/L	GE	A8 40
0	Chloroethene	<1 7				1 7	µg/L	GE	A8 40
0	Chloroethene (Vinyl chloride)	<1 7				17	µg/L	GE	PA8 40
0	2-Chloroethyl vinyl ether	<1 7				1.7	µg/L	GE	PA8240
0	Chloroform	<1 7				17	µg/L	GE	PA8240
0	Chloromethane	<1 7				1 7	µg/L	GE	EPA8 40
0	Chromium, total recoverable	40				4.0	µg/L	GE	EPA60 0A
0	Dibromochloromethane	<1 7				1 7	µg/L	GE	PA8240
0	1,1-Dichloroethane	<1 7				17	µg/L	GE	E A8240
0	1,2-Dichloroethane	<1 7				1.7	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	<1 7				17	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<1 7				17	µg/L	GE	PA8240
0	Dichloromethane	1 9	Jv	QV	L	1 7	µg/L	GE	PA8240
0	1,2-Dichloropropane	<1 7				1 7	µg/L	GE	PA8
0	cis-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<1 7				1 7	µg/L	GE	E A82
0	Ethylbenzene	0 1 7				1 7	µg/L	GE	PA8 40
2	Lead, total recoverable	107		V		5 0	µg/L	GE	E
0	Mercury, total recoverable	0.13	Jv	EV		0.20	µg/L	GE	
0	Nickel, total recoverable	26		V		10	µg/L	GE	E A60 0A
2	Nitrate-nitrite as nitrogen	26,000				4,000	µg/L	GE	EPA35
2	Nitrate-nitrite as nitrogen	26,600				4,000	µg/L	GE	EPA353
0	Selenium, total recoverable	<5.0		I		5.0	µg/L	GE	40
0	Sodium, total recoverable	35,600				100	µg/L	GE	PA60 0A
0	Sulfate	799	J	EQ	L	1,000	µg/L	GE	EPA300
0	1,1,2,2-Tetrachloroethane	<1 7				1 7	µg/L	GE	PA8240
0	Tetrachloroethylene	<1 7				1.7	µg/L	GE	PA82
0	Toluene	<1 7				17	µg/L	GE	A8240
0	1,1,1-Trichloroethane	<1 7				1 7	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<1 7				1 7	µg/L	GE	EPA8 40
0	Trichloroethylene	<1 7				17	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<1 7				1 7	µg/L	GE	EPA82 0
0	Actinium-228	6IE~i66E46	UI			1 3E+01	µCi/mL	GP	E IA-0
0	Actinium-228	56E*7.W4)S	UI			1 4E+01	µCi/mL	GP	IA-0
0	Actinium-228	24E*il.5E	UI			57E+01	µCi/mL	GP	IA-0
0	Actinium-228	66E4W2 1E-08	UI			67E+01	µCi/mL	GP	IA-0
0	Antimony-124	1.4E-09±2.7E-09	UI			45E+O0	µCi/mL	GP	IA-0
0	Antimony-124	-1.4E-09±2.3E-09	UI			4 0E+00	µCi/mL	GP	IA-0
0	Antimony-124	-1 7E-08±1.3E-08	UI			: 1E+01	µCi/mL	GP	E IA-0
0	Antimony-124	-4 2E-10±1.5E-08	UI			2E+01	µCi/mL	GP	E IA-0
0	Antimony-125	-2.6E-09±4.7E-09	UI			6 1E+00	µCi/mL	GP	IA-0
0	Antimony-125	3.2E-09±5.2E-09	UI			96E+O0	µCi/mL	GP	E IA-0
0	Antimony-125	-5.2E-09±1.2E-08	UI			4 0E+01	µCi/mL	GP	IA-0
0	Antimony-125	3.0E-08±1.5E-08	UI			5 6E+01	µCi/mL	GP	E IA-0
0	Barium-133	-1.1E-09±2.2E-09	UI			36E+O0	µCi/mL	GP	E IA-0
0	Barium-133	2.3E-09±2.3E-09	UI			4 3E+00	µCi/mL	GP	E IA-0
0	Barium-133	-1.6E-08±5.5E-09	UI			1 8E+01	µCi/mL	GP	E IA-0
0	Barium-133	1 0E-08±7.5E-09	UI			2 6E+01	µCi/mL	GP	IA-0
0	Cerium-144	5.6E-09±1.4E-08	UI			25E401	µCi/mL	GP	IA-0
0	Cerium-144	5.4E-09±1.2E-08	UI			22E+01	µCi/mL	GP	E IA
0	Cerium-144	-8.9E-09±3.2E-08	UI			1 1E+02	µCi/mL	GP	E IA-0
0	Cerium-144	8.1E-08±3.9E-08	UI			12E+02	µCi/mL	GP	IA
0	Cesium-134	-5.5E-10±2.2E-09	UI			33E400	µCi/mL	GP	IA-0
0	Cesium-134	2.4E-10±1.7E-09	UI			3.2E+00	µCi/mL	GP	IA

Well HSL 8D collected on 04/26/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Cesium-134	-7.1E-09±5.0E-09	UI			1 6E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	1 6E-09±5 8E-09	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Cesium-137	1.2 E-09±3.7E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-9 6E-10±8E-09	UI			3 2E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	-3 2E4W45E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.0E-09±5.9E-09	UI			2 0E+01	µCi/mL	GP	EPIA-013
0	cobalt-57	1.3E-09±1.9E-09	UI			33E400	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4 2E-10±1.6E-09	UI			2 6E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.9E-09±3.9E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3 IEm$44EOS	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.5E-09±2 1E-09	UI			33E+W	µCi/mL	GP	EPIA-013
0	Cobalt-58	32E419kI 7E-09	UI			3 9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	5 0E-09±8 8E-09	UI			3 2E+01	µCi/mL	GP	EPIA-013
0	Cobalt-58	26E~Al 2E-08	UI			46E+01	µCi/mL	GP	EPIA-013
0	Cobalt-60	6 9E-10±1 8E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	2 0E-09±2 2E-09	UI			6E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	27E4JSt4 6E-09	UI			: 7E+01	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.7E-0W59E-09	UI			23E+01	µCi/mL	GP	EPIA-013
0	Europium-152	-1 3E-09t52E4B	UI			9 3E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-1 4E-09±51E-09	UI			66E+w	µCi/mL	GP	EPIA-013
0	Europium-152	1.7E-08±1.3E-08	UI			4 5E+01	µCi/mL	GP	EPIA-013
0	Europium-152	-2 7E41W16E4)6	UI			5 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-1 1E-08±19E-08	UI			33E*01	µCi/mL	GP	EPIA-013
0	Europium-154	-1 1E-08±2 1E-08	UI			35E401	µCi/mL	GP	EPIA-013
0	Europium-154	-3 tE416:42E~	UI			1 4E+02	µCi/mL	GP	EPIA-013
0	Europium-154	-9.4EUti66Em	UI			2 2E+02	µCi/mL	GP	EPIA-013
0	Europium-155	3.2E-09±7.4E-09	UI			1 3E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-3 IE416i66E~	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-3.4E-09±1.3E-08	UI			45E+01	µCi/mL	GP	EPIA-013
0	Europium-155	1 1E-08±14E-08	UI			52E+OI	µCi/mL	GP	EPIA-013
0	Gross alpha	42E4Si2 0E-09				2 1E+00	µCi/mL	GP	EPIA-001
0	Gross alpha	26E=M 7E-09				23E+Lm	µCi/mL	GP	EPIA-001
0	Lead-212	4 8E-09±6 1E-09	UI			76E+O0	µCi/mL	GP	EPIA-013
0	Lead-212	43E-IIM 2E-09	UI			: 7E+00	µCi/mL	GP	EPIA-013
0	Led-212	24E-*1 8E-08	UI			7E+01	µCi/mL	GP	EPIA-013
0	Lead-212	0.0E+00	UI			45E401	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.6E-1OQ.3E4)9	UI			35E400	µCi/mL	GP	EPIA-013
0	Manganese-54	35E-10tl 7E-09	UI			3 3E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	32Em*4 9E-09	UI			1 8E+01	µCi/mL	GP	EPIA-013
0	Manganese-54	24E46*1 6E-08				23E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	1 5E-08±14E-08	UI			2 5E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	1.8E-09±1.2E-08	UI			22E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	-2 4E@W24E416	UI			O 2E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	-6.9E-09±2.6E-08	UI			9 1E+01	µCi/mL	GP	EPIA-013
1	Nonvolatile beta	36E416*3 8E-09				32E+O0	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	36E *3 7E-09				33E+o0	µCi/mL	GP	EPIA-001
0	Potassium-40	44E41W2 1E-08	UI			46E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	36Eat3 0E-08				27E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	1 1E-08±9 1E-08	UI			1 4E+02	µCi/mL	GP	EPIA-013
0	Potassium-40	8.8E-08±1.3E-07	UI			1 8E+02	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.7E-09±1.9E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Promethium-144	1 5E-09±1 9E-09	UI			3 8E+00	µCi/mL	GP	EPIA-013
0	Promethium-144	1.1E-08±8.9E-09	UI			1 9E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-5.2E-09±8.5E-09	UI			23E401	µCi/mL	GP	EPIA-013
0	Promethium-146	4.2E-10±2.3E-09	UI			4 2 E ~	µCi/mL	GP	EPIA-013
0	Promethium-146	-1 9E-09±2 5E-09	UI			: 0E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	47E4Si5 1E-09	UI			7E+01	µCi/mL	GP	EPIA-013
0	Promethium-146	-8 4E-09±7.5E-09	UI			24E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.1E-09±1.8E-08	UI			32E401	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-3.0E-09±1 7E-08	UI			2 6E+01	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-2.1E-08±4.4E-08	UI			1 5E+02	µCi/mL	GP	EPIA-013
1	Ruthenium-106	1.6E-08±8.4E-08	UI			23E+02	µCi/mL	GP	EPIA-013
0	sodium-22	-5.4E-10G.2E4J9	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Sodium-22	3 1E-09±2 0E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Sodium-22	3 9E-09±5 1E-09	UIV	V		1 8E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	3 5E-09±6 6E-09	UIV	V		24E+01	µCi/mL	GP	EPIA-013
0	Thorium-234	1 7E-07±1 5E-07				1 4E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	1 0E-08±1 3E-07	UI			1 6E+02	µCi/mL	GP	EPIA-013
0	Thorium-234	0 0E+00	UI			52E +02	µCi/mL	GP	EPIA-013
2	Thorium-234	6.5E-07±1.9E-07	UI			6 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-7 2E-10±2 6E-09	UI			4 5E+00	µCi/mL	GP	EPIA-013
0	Tin-113	-3.1 E-1OQ 5E-09	UI			: 2E +00	µCi/mL	GP	EPIA-013
0	Tin-113	5 2E-09±8 1E-09	UI			9E +01	µCi/mL	GP	EPIA-013
0	Tin-113	5 0E-09±1 1E-08	UI			38E+01	µCi/mL	GP	EPIA-013
0	Total activity	29E413i2 7E-05				1 5E+03	µCi/mL	EM	3Q1-6-1420
0	Total activity	29EG3f.2 7E-05				1 5E+03	µCi/mL	EM	3Q1-6-1420
2	Tritium	3 1E-03±1 8E-04				1 8E+04	µCi/mL	GP	EPIA-002

Well HSL 8D collected on 04/28/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
2	Tritium	3.0E-03±1.8E-04				1 8E+04	µCi/mL	G P	EPIA-002
o	Yttrium-88	-6.8E-10±2.6E-09	UI			4.8E+00	µCi/mL	G P	EPIA-013
o	Yttrium-88	3.5E-09±4.1E-09	UI			5 8E+00	µCi/mL	G P	EPIA-013
o	Yttrium-88	-47E-09±7 SE-OS	UI			2 7E+01	µCi/mL	GP	EPIAQ13
o	Yttrium-88	-4 0E-09±9.7E-09	UI			3 6E+01	µCi/mL	G P	EPIA-013
0	Zinc-65	-2 oE49i36E41S	UI			6 3E+00	µCi/mL	G P	EPIA-013
o	Zinc-65	-9.6E-1U37E4S	UI			6 6E+00	µCi/mL	G P	EPIA-013
o	Zinc-65	-1 7E-08±12E-08	UI			3 9E+01	µCi/mL	G P	EPIA-013
0	Zinc-65	-2 1E-08±1.6E-08	UI			5 3E+01	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1 5E-09±4 1E-09	UI			7 0E+00	µCi/mL	G P	EPIA-013
o	Zirconium-95	-3 5E-10$3 6E-09	UI			7 0E+00	µCi/mL	G P	EPIA-013
o	Zirconium-95	-2 3E-08±1 6E-08	UI			5 6E+01	µCi/mL	G P	EPIA-013
o	Zirconium-95	-1 4E-08±2.4E-08	UI			8 2E+01	µCi/mL	G P	EPIA-013

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dole: 04/25/95
Depth to water: 37.92 ft (11.56 m) below TOC
Water elevation: 272.10 ft (02.SS m) msl
pH: 5.5
Sp. conductance: 2s µS/cm
Turbidity: 40 NTU
Water evacuated from the well prior to sampling: 24 gal
The well went dry during purging.

Time: 11:42
Water temperature: 19.8 °C
Air temperature: 22.7 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Leb	Method
o	pH	5.9	J	Q		0 10	pH	WA	EPA1501
0	Specific conductance	36		V		4.0	µS/cm	WA	EPA1201
0	Chloride	2,080				200	µg/L	WA	EPA300 O
0	Nitrate as nitrogen	978				60	µg/L	WA	EPA3532
0	Nitrite as nitrogen	<20	J	Q		20	µg/L	WA	EPA3532
o	Sodium, total recoverable	1,530		V		4.7	µg/L	WA	EPA2007
O	Total dissolved solids	53,000				42,600	µg/L	WA	EPA160.1

WELL HSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/96
Depth to water: 33.23 ft (10.13 m) below TOC
Water elevation: 271.17 ft (02.65 m) met
pH: 5.2
Sp. conductance:27 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 79 gal

Time: 9:17
Water temperature: 19.1 °C
Air temperature: 22 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5 2	J	Q	L	0010	pH	GE	EPA1501
0	pH	5.3	J	Q		010	pH	WA	EPA1501
0	Specific conductance	2s				0 30	µS/cm	GE	EPA1201
0	Specific conductance	26		v		4.0	µS/cm	WA	EPA1201
0	Chloride	2070				250	µg/L	GE	EPA300 O
0	Chloride	2,310	J	E		3,470	µg/L	WA	EPA300 O
0	Chloride	2,340	J	E		3,470	µg/L	WA	EPA300 O
0	Nitrate e nitrogen	1,040				so	µg/L	WA	EPA353 2
0	Nitrate-nitrite e s nitrogen	1,230				100	µg/L	GE	EPA353 1
0	Nitrite as nitrogen	<5 o	J	Q	L	5.0	µg/L	GE	EPA300 O
0	Nitrite as nitrogen	30	J	EQ		20	µg/L	WA	EPA353.2
0	Sodium, total recoverable	1,740				100	µg/L	GE	EPA6010
0	Sodium, Idol recoverable	1,550		v		4 7	µg/L	WA	EPA2007
0	Tdet dissolved solids	39,000				5,000	µg/L	GE	EPA1601
0	Total dissolved solids	34,000				5,000	µg/L	GE	EPA1601
0	Total dissolved solids	36,000	J	E		42,600	µg/L	WA	EPA1601

WELL HSS 20 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dote: 04/28/95
Depth to water: 33.23 ft (10.13 m) below TOC
Water elevation: 271.17 ft (82.65 m) msl
pH: 5.2
Sp. conductance: 27 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 79 gel

Time: 9:17
Water temperature: 19.1 °C
Air temperature: 22 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	52	J	Q	L	0010	pH	GE	EPA1501
0	pH	5.3	J	0		010	pH	WA	EPA1501
0	Specific conductance	25				0 30	µS/cm	GE	EPA1201
0	Specific conductance	2s		v		4.0	µS/cm	WA	EPA1201
0	Chloride	2.040				250	µg/L	GE	EPA300 O
0	Chloride	2.370	J	E		3,470	µg/L	WA	EPA300 O
0	Nitrate e s nitrogen	1,030				60	µg/L	WA	EPA353 2
0	Nitrate-nitrite e nitrogen	1,240				100	µg/L	GE	EPA353 1
0	Nitrite as nitrogen	<5 0	J	o	L	5.0	µg/L	GE	EPA300 O
0	Nitrite as nitrogen	20	J	EQ		20	µg/L	WA	EPA3532
0	Sodium, total recoverable	1,740				100	µg/L	GE	EPA601O
0	Sodium, total recoverable	1,560		v		47	µg/L	WA	EPA2007
0	Total dissolved solids	36,000				5,000	µg/L	GE	EPA1601
0	Total dissolved solids	36,000	J	E		42,600	µg/L	W A	EPA160 1

WELL HSS 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/95
Depth to water: 24.06 ft (7.33 m) below TOC
Water elevation: 285.74 ft (87.09 m) msl
pH:4.9
Sp. conductance: 2s µS/cm
Turbidity: 173 NTU
Water evacuated from the well prior to sampling: 10 gal
The well went dry during purging.

Time: 11:57
Water temperature: 19.6 "c
Air temperature: 21 5 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o		4.6	J	Q		0 10	pH	WA	EPA150 t
o	k conductance	36		V		4.0	µS/cm	WA	EPA1201
0		3,460				200	µg/L	WA	EPA300 O
0	Nitrate as nitrogen	889				60	µg/L	WA	EPA3532
0	Nitrite as nitrogen	<20	J	Q		20	µg/L	WA	EPA3532
0	Sodium, total recoverable	2,420		V		4.7	µg/L	WA	EPA2007
0	Total dissolved solids	8,000	J	E		42,600	µg/L	WA	EPA1601

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dote: 05/1S/S5
Depth to water: 49.75 ft (15.16 m) below TOC
Water elevation: 274.65 ft (83.71 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the welt prior to sampling,

Time: 11:45
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dote: 0S/1S/95
Depth to water: 50.3 ft (15.33 m) below TOC
Water elevation: 273.16 ft (83.39 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling

lime: 12.00
Water temperature. Not available
Atr temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

Well P 27B collected on 05/04/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Europium-154	1.9E-09±1.9E-08	UI			35E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-1.1E-08±1.8E-08	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	o 0E+00	UI			1 3E+01	µCi/mL	AT	EPA901 1M
0	Europium-154	0.0E+00	UI			5 1E+00	µCi/mL	AT	EPA901 1M
0	Europium-155	-1 7E-09±6 6E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-3.3E-0W69Ea	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Europium-155	0 0E+00	UI			4 4E-	µCi/mL	AT	EPA901 1M
0	Europium-155	0 0E+00	UI			35E+O0	µCi/mL	AT	EPA901 1M
0	Gross alpha	4 0E-10±5 6E-10	UI			1 2E+00	µCi/mL	GP	EPIA-001
0	Gross alpha	24E-1W4 4E-10	UI			1 7E+00	µCi/mL	AT	EPA900 0M
0	Lead-212	1 2E-09±5 2E-09	UI			S 8E+00	µCi/mL	GP	EPIA-013
0	Load-212	1 7E-09±4 7E-09	UI			54E+O0	µCi/mL	GP	EPIA-013
0	Load-212	0 0E+00	UI			2 6E+00	µCi/mL	AT	EPA901 1M
0	Load-212	O. 0E+00	UI			4 1E+00	µCi/mL	AT	EPA901 1M
0	Manganese-54	45E-IW1 9E-09	UI			33E+O0	µCi/mL	GP	EPIA-13
0	Manganese-54	-2.9E-10±1 7E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	o 0E+00	UI			4 1E+00	µCi/mL	AT	EPA901 1M
0	Manganese-54	0.0E+00	UI			1.9E+00	µCi/mL	AT	EPA901 1M
0	Neptunium-239	-5.4E-09±1.2E-08	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Neptunium-239	1 4E-08±2 0E-08	UI			23E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	SSE-1U72E-1O	UI			1 6E+00	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.9E-1LM4.4E-1O	UI			1 5E+00	µCi/mL	AT	EPA900 0M
0	Potassium-40	-4.6E-09±1.9E-08	UI			35E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	1 4E-08±2 4E-08	UI			46E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	o 0E+00	UI			62E+01	µCi/mL	AT	EPA901 1M
0	Potassium-40	8 I E a f 4 3 E a				7.4E+00	µCi/mL	AT	EPA901 1M
0	Promethium-144	72E-1ON 8E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Promethium-144	9 0E-11±2 0E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Promethium-144	o 0E+00	UI			44E+O0	µCi/mL	AT	EPA901 1M
0	Promethium-144	o 0E+00	UI			2 1E+00	µCi/mL	AT	EPA901 1M
0	Promethium-146	7.9E-10±2.5E-09	UI			45E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	-S.5E-1O'M 2E-09	UI			3 9E+00	µCi/mL	GP	E IA-0
0	Promethium-146	o 0E+00	UI			34E+O0	µCi/mL	AT	EPA90 M
0	Promethium-146	o 0E+00	UI			7 1E+00	µCi/mL	AT	EPA90 M
o	Ruthenium-106	57E~3 0E-08	UI			3.1E+01	µCi/mL	GP	E IA-0
0	Ruthenium-106	6 2E-09±1 8E-08	UI			34E+01	µCi/mL	GP	E IA-0
0	Ruthenium-106	o 0E+00	UI			1 7E+01	µCi/mL	AT	EPA90 M
0	Ruthenium-106	o 0E+00	UI			33E+01	µCi/mL	AT	EPA90 M
0	Sodium-22	26E-1 1±1 8E-09	UI			33E+O0	µCi/mL	GP	E IA-0
0	Sodium-22	27E4bs2 3E-09	UI			3.0E+00	µCi/mL	GP	E IA-0
0	Sodium-22	o 0E+00	In			4.8E+00	µCi/mL	AT	EPA90 M
0	Sodium-22	o 0E+00	UI			1.8E+00	µCi/mL	AT	EPA90 M
0	Thorium-234	6 2 M W 3E-07	UI			14E+02	µCi/mL	GP	EPIA-0
0	Thorium-234	14E47M 0E-08	UI			1 6E+02	µCi/mL	GP	E IA-0
0	Thorium-234	o 0E+00	UI			6.7E+01	µCi/mL	AT	EPA90 M
0	Thorium-234	o 0E+00	UI			33E+01	µCi/mL	AT	EPA90 M
0	Tin-113	8 2E-10±2 4E-09	UI			44E+O0	µCi/mL	GP	EPIA-0
0	Tin-113	3 0E-10±2 3E-09	UI			4.2E+00	µCi/mL	GP	E IA-0
0	Tritium	2.0E-08±3.6E-07	UI			63E+02	µCi/mL	GP	E IA-002
0	Tritium	-1.4E-07±4.5E-07	UI			7 4 E ~	µCi/mL	AT	EPA906 0M
0	Yttrium-88	1.1E-09±1.8E-09	UI			45E+O0	µCi/mL	GP	EPIA-0
0	Yttrium-88	14EU.IE4M	UI			43E400	µCi/mL	GP	EPIA-0
0	Yttrium-88	o 0E+00	UI			7.4E+00	µCi/mL	AT	EPA90 M
0	Yttrium-88	o 0E+00	UI			2.3E+00	µCi/mL	AT	E A90 M
o	Zinc-65	1.1E-09±4.2E-09	UI			7 0E+00	µCi/mL	GP	EPIA-0
0	Zinc-65	-2.0E-09±3.5E-09	UI			6.1E+00	µCi/mL	GP	E IA-0
0	Zinc-65	0.0E+00	UI			1.0E+01	µCi/mL	AT	EPA90 M
0	Zinc-65	0.0E+00	UI			4 0E+00	µCi/mL	AT	EPA90 M
0	Zirconium-95	2.2E-09±3.3E-09	UI			6 6E+00	µCi/mL	GP	E IA-0
0	Zirconium-95	-1.7E-11±3.4E-09	UI			6 0E+00	µCi/mL	GP	E IA-0

WELL P 27B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/95
Depth to water: 94.S3 ft (28.84 m) below TOC
Water elevation: 181.27ft(S5.25 m) msl
pH: 6.5
Sp. conductance: 77 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 313 gal

Time: 11:26
Water temperature: 19.5 °C
Air temperature: 26.3 °C
Alkalinity: 24 mg/L
Phenolphthalein alkalinity: 0 mg/L

Well P 27B collected on 05/04/95 (cont)

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Actinium-228	0 0E+00	UI			1.1E+01	µCi/mL	AT	EPA901 1M
0	Antimony-125	0 0E+00	UI			7 2E+00	µCi/mL	AT	EPA901 1M
0	Cerium-144	o 0E+00	UI			1.4E+01	µCi/mL	AT	EPA901 1M
0	Cesium-134	o 0E+00	UI			2.9E+00	µCi/mL	AT	EPA901 1M
0	Cesium-137	o 0E+00	UI			2.7E+00	µCi/mL	AT	EPA901 1M
0	Cobalt-57	0 0E+00	UI			1.9E+00	µCi/mL	AT	EPA901 1M
0	Cobalt-60	o 0E+00	UI			2 6E+00	µCi/mL	AT	EPA901 1M
0	Europium-152	o 0E+00	UI			1.7E+01	µCi/mL	AT	EPA901 1M
0	Europium-154	o 0E+00	UI			9.8E+00	µCi/mL	AT	EPA901 1M
0	Europium-155	o 0E+00	UI			7.0E+00	µCi/mL	AT	EPA901 1M
0	Gross alpha	96E-11*4(X-1O	UI			1.6E+00	µCi/mL	AT	EPA900 W
0	Lead-212	o 0E+00	UI			3 7E+00	µCi/mL	AT	EPA901 1M
0	Manganese-54	o 0E+00	UI			3.4E+00	µCi/mL	AT	EPA901 1M
0	Nonvolatile beta	1.6E-10±4 3E-10	UI			1.5E+00	µCi/mL	AT	EPA900 0M
0	Potassium-40	o 0E+00	UI			3.4E+01	µCi/mL	AT	EPA901 1M
0	Promethium-144	o 0E+00	UI			3.0E+00	µCi/mL	AT	EPA901 1M
0	Promethium-146	o 0E+00	UI			5.3E+00	µCi/mL	AT	EPA901 1M
0	Ruthenium-106	o 0E+00	UI			2.4E+01	µCi/mL	AT	EPA901 1M
0	Sodium-22	o 0E+00	UI			3.5E+00	µCi/mL	AT	EPA901 1M
2	Thorium-234	4.6E-07±3.7E-07				6.3E+00	µCi/mL	AT	EPA901 1M
o	Tritium	-3.2E-07±4 4E-07	UI			7.4E+02	µCi/mL	AT	EPA906 0M
0	Yttrium-88	o 0E+00	UI			4.0E+00	µCi/mL	AT	EPA901 1M
0	Zinc-65	0.0E+00	UI			5.9E+00	µCi/mL	AT	EPA901 1M

WELL P 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/95
Depth to water: 32.43 ft (9.88 m) below TOC
Water elevation: 248.87ft (74,27 m) msl
pH: 6.4
Sp. conductance: 99 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 204 gal

Time: 14:43
Water temperature: 19.7 °C
Air temperature: 26.2 °C
Alkalinity: 24 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3310				100	µg/L	GE	EPA6010A
0	Actinium-228	6.5E-09±7.6E-09	UI			1 5E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-5 7E-10Q 4E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	-1 5E-09±5 7E-09	UI			93E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	-2.2E-10±3.1E-09	UI			4 8E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	27E-OW1 6E-08	UI			27E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	9.3E-11±3 1E-09	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	84E-1OO 3E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.9E-09±2.1E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.6E-09±2.2E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	7 1E-11±2.0E-09	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Europium-152	3.0E-09±6.1E-09	UI			1 1E+01	µCi/mL	GP	EPIA-013
0	Europium-154	-9 3E-10±2 0E-08	UI			36E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-6.5E-09±9 2E-09	UI			15E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	46E-Ili5 1E-10	UIJ	C		1 3E+00	µCi/mL	GP	EPIA-001
0	Lead-212	0 0E+00	UI			7 8E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	95E-10i2 1E-09	UI			3 8E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	1 7E-09±1 6E-	UI			23E+01	µCi/mL	GP	EPIA-013
o	Nonvolatile beta	34E-10t7 7E-10	UI			1 8E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	2.4E-08±2.2E-08	UI			45E+Q1	µCi/mL	GP	EPIA-013
0	Promethium-144	-2 1E-10±2 0E-09	UI			34E+w	µCi/mL	GP	EPIA-013
0	Promethium-146	-2 4E-09±2 7E-09	UI			4 5E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-3.5E-09±1.8E-08	UI			3 2E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	3 3 E M 0E-09				3 0E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	6.2E-08±1.5E-07	UI			2 1E+02	µCi/mL	GP	EPIA-013
0	Tin-113	-1.1E-09±2 6E-09	UI			4 8E+00	µCi/mL	GP	EPIA-013
0	Tritium	-1.3E-07±3.5E-07	UI			62E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	9.5E-10±2.0E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-6.8E-10±4.4E-09	UI			67E+O0	µCi/mL	GP	EPIA-013
0	Zirconium-95	3.0E4J9t34E-iB	UI			6 5E+00	µCi/mL	GP	EPIA-013

WELL P 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/95
Depth to water: 10.09 ft (3.08 m) below TOC
Water elevation: 266.01 ft (81.08 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection

Time: 10:50
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Actinium-228	51E4W3 1E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	5.0E-09±2.6E-09	UI			7 0E+00	µCi/mL	GP	EPIA-013
o	Antimony-125	-1 .*4W26Ea	UI			9 0E+00	µCi/mL	GP	EPIA-013
0	Barium-133	o 0E+00	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	3.9E-09±6.6E-09	UI			24E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.1E-09±1.1E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Cesium-137	4 0E-09±3 1E-09				33E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	54E-1OM.6E-1O	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	1 6E-09±1 6E-09	UI			63E+W	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.4E-1WS.3E-1O	UI			34EW0	µCi/mL	GP	EPIA-013
0	Europium-152	-2 1E-09±2.6E-09	UI			: 5E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-5 7E-12±1.0E-08	UI			4E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-1.3E-08±3.4E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Lead-212	6.3E-09±3.7E-09	UI			7 9E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	-9.7E-10±1.1E-09	UIV	v		3 1E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	3 1E-11±8.0E-09	UI			2 1E+01	µCi/mL	GP	EPIA-013
0	Potassium-40	16E-os*I.6Ea	UI			3 0E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	1.3E-09±1.1E-09	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.2E-10±1.1E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	53E4W6 2E-09	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	69E-1M.3E-1O	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Thorium-234	46E4M6 2E-08	UI			15E+02	µCi/mL	GP	EPIA-013
0	Tin-113	1.9E-09±1.6E-09	UI			6 1E+00	µCi/mL	GP	EPIA-013
0	Yttrium-88	6 0E-10±1.8E-09	UI			7 0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	27E-1OM 1E-09	UI			8 1E+00	µCi/mL	GP	EPIA-013
0	Zirconium-95	3 3Ea 3.4Ea	UI			1 3E+01	µCi/mL	(3P	EPIA-013

WELL P 27D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/95
Depth to water: 10.09 ft (3.08 m) below TOC
Water elevation: 266.01 ft (81.08 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 1060
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate as nitrogen	147				60	µg/L	WA	EPA3532
0	Nitrate-nitrite as nitrogen	150				100	µg/L	GE	EPA3531
0	Sodium, total recoverable	1,940				100	µg/L	GE	EPA6010A
0	Sodium, total recoverable	1,800		v		47	µg/L	WA	EPA200.7
0	Actinium-228	6.1E-09±1.0E-08	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-2.9E-10±1.8E-09	UI			27E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	4.0E-09±4.0E-09	UI			77E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	-5.8E-10±2.3E-09	UI			3 3E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	6.6E-09±9.9E-09	UI			1 8E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-1 8E-10±17E-09	UI			26E+G0	µCi/mL	GP	EPIA-013
0	Cesium-137	-7.6E-10±1.6E-09	UI			27E400	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 3E-09±1 3E-09	UI			23E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	44E-Itil 4E-09	UI			26E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	63E-IWISEm	UI			2 9E+00	µCi/mL	GP	EPIA-013
0	Europium-152	1.3E-09±4.1E-09	UI			7 1E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-1.7E-10±1.4E-08	UI			26E401	µCi/mL	GP	EPIA-013
0	Europium-155	37E4Wi5.6E	UI			1 0E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	26E-lok4 5E-10	UI			95E41	µCi/mL	GP	EPIA-001
0	Lead-212	0.0E+00	UI			55E400	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.0E-09±1.7E-09	UI			2 7E+00	µCi/mL	GP	EPIA-013
0	Neptunium-239	9 4E-1 0E-08	UI			1 8E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	93E-lti7 3E-10	UI			1 5E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	20E49i3 0E-08	UI			27E+OI	µCi/mL	GP	EPIA-013

Well P 27D collected on 05/04/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Prom~-144	1 0E-09±1 4E-09	UI			2 6E+00	µCi/mL	GP	EPIA-013
o	Promethium-146	-2.3E-10±1.9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
O	Ruthenium-106	6 8E-09±1 SE-OS	UI			2 0E+01	µCi/mL	GP	EPIA-013
o	Sodium-22	8 9E-10±1 5E-09	UI			2 9E+00	µCi/mL	GP	EPIA-013
o	Thorium-234	0.0E+00	UI			1 3E+02	µCi/mL	GP	EPIA-013
o	Tin-113	-9 4E-10±1 8E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
o	Tritium	-1.1E-07±3.5E-07	UI			63E+02	µCi/mL	GP	EPIA-002
o	Yttrium-88	1.3E-09±1.6E-09	UI			34E@0	µCi/mL	GP	EPIA-013
o	Zinc-65	-1 3E-10±3 7E-09	UI			5 8 E *	µCi/mL	GP	EPIA-013
o	Zirconium-95	-2 5E-09±2 5E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013

WELL P 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/95
Depth to water: 95.36 ft (29.07 m) below TOC
Water elevation: 180.64 ft (55.06 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection

Time: 11:00
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL P 271A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/95
Depth to water: 97 ft (29.57 m) below TOC
Water elevation: 179 ft (64.56 m) msl
pH: 5.5
Sp. conductance: 39 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 980 gal

Time: 12:17
Water temperature: 21.5 °C
Air temperature: 30.8 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Nitrate-nitrite as nitrogen	100	J	E		100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	1,530				1,000	µg/L	GE	EPA6010A
0	Actinium-228	2.2E-09±2.1E-08	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	-2.1E-Q.K-	UI			33E+O0	µCi/mL	GP	EPIA-013
0	Antimony-125	2.3E-1OA5.7E4J3	UI			97E+O0	µCi/mL	GP	EPIA-013
0	Barium-133	-2.7E-11±2 7E-09	UI			: 2E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	-9.1E-09±1.3E-08	UI			2E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	1.5E-09±1.9E-09	UI			34E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	-s 8E-10±1 8E-09	UI			33EW0	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1 6E-10±16E-09	UI			26E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1. 1E-10±2.3E-09	UI			42E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.1E-09±2.0E-09	UI			42Etoo	µCi/mL	GP	EPIA-013
0	Europium-152	7.9E-10±5.3E-09	UI			: 3E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-2 8E-09±1.7E-08	UI			0E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-2.9E-09±8.7E-09	UI			1 2E+01	µCi/mL	GP	EPIA-013
0	Gross	57E4M.5E43				1 1E+00	µCi/mL	GP	EPIA-001
0	Lead-212	4 0E~3 4E-09	UI			63E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	2 1E-10±19E-09	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Neptunium-239	26E41S*1 2E-08	UI			22E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	45M9*1 1E-09				1 7E+00	µCi/mL	GP	EPIA-001
0	Potassium-40	22E-06i2.3Ea	UI			46E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	93E-Itil 6E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	4.5E-10±2.7E-09	UI			: : %	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-6.0E-09±1.7E-08	UI				µCi/mL	GP	EPIA-013
0	Sodium-22	7 OE-1OM.8E43	UI			3 7E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	76E~il 1E-07	UI			1 5E+02	µCi/mL	GP	EPIA-013
0	Tin-113	2.3E-09±2.6E-09	UI			44E+O0	µCi/mL	GP	EPIA-013
0	Tritium	-2 3E4)7*36E-7	UI			64E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1 .0E4)Si22E4N	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-5 7E-10t42E0	UI			66E4G0	µCi/mL	GP	EPIA-013
0	Zirconium-95	-5 5E-ILk36E4J9	UI			66E400	µCi/mL	GP	EPIA-013

WELLP 27TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date. 05/04/95
Depth to water: 93.86 ft (28.61 m) below TOC
Water elevation: 18164ft(5546 m) msl
pH: Not ● raitabta
Sp. conductance. Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection

Time 11.10
Water temperature Not ● rdtable
Air tempe rature: Not available
Alkalinity: Not av vaitabb
Phenolphthalein ● tratinity: Not ● vailable

WELL P 27TC

MEASUREMENTS CONDUCTED IN THEFIELD

Sampb date: 06/14/95
Depth to water: 94.89 n (20.92 m) below TOC
Water elevation: 180.91 (55. 14 m) msl
pH: 6.1
Sp. conductance'51 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling: 670 gal

Time: 10:22
Water temperature: 21 °C
Air temperature: 28.1 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: O mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Barium, total recoverable	18	J	E		25	µg/L	GE	EPA601OA
0	Lead, total recoverable	<100				100	µg/L	GE	EPA601oA
1	Manganese, total recoverable	27				10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Nitrate-nitrite e s nitrogen	30	J	E		100	µg/L	GE	EPA3531
0	Silver, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Sodium, total recoverable	1,030				1,000	µg/L	GE	EPA6010A
0	Sodium, total recoverable	1,020				1,000	µg/L	GE	EPA6010A
0	Actinium-228	0 0E+00		UI		1 4E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	3.9E-10±2.2E-09		UI		3 5E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.2E-09±5.1E-09		UI		6 9E+00	µCi/mL	GP	EPIA-013
0	Barium-133	2.8E-10±2.4E-09		UI		44E+O0	µCi/mL	GP	EPIA-013
0	Cerium-144	7.5E-09±1.4E-08		UI		24E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.7E-10±1.8E-09		UI		3 0E+00	µCi/mL	GP	EPIA-013
0	Ceakan-137	4.8E-09±2.9E-09				4 1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.5E-10±1.7E-09		UI		2 9E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	1 1E-10±2 0E-09		UI		35E+W	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.3E-09±1.7E-09		UI		33E+O0	µCi/mL	GP	EPIA-013
0	Europium-152	-2 9E-09±5.0E-09		UI		8 6E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-1 6E-08±1 4E-08		UI		22E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-3.6E-09±7.9E-09		UI		1 3E+01	µCi/mL	GP	EPIA-013
0	Gross alpha	1.2E-09±7.7E-10				1 1E+00	µCi/mL	GP	EPIA-001
0	Lead-212	1.6E-10±5.4E-09		UI		72E+00	µCi/mL	GP	EPIA-013
0	Manganese-54	3 4E-10±1.9E-09		UI		34E+LW	µCi/mL	GP	EPIA-013
0	Nepturium-239	1 9E-09±1 4E-08		UI		24E401	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1 8E-09±9 6E-10		UI		16E+oo	µCi/mL	GP	EPIA-001
0	Potassium-40	3.6E-08±2.2E-08		UI		47E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.3E-10±1.8E-09		UI		3 1E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	2.3E-10±2.3E-09		UI		4 1E+00	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.2E-08±2.1E-08		UI		2 9E+01	µCi/mL	GP	EPIA-013
0	Sodium-22.	5.3E-10±1.5E-09		UI		3 0E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	1.0E-07±9.4E-08		UI		1 7E+02	µCi/mL	GP	EPIA-013
0	Tin-113	4.7E-10±2.5E-09		UI		46E+oo	µCi/mL	GP	EPIA-013
0	Tritium	-1.5E-07±3 6E-07		UI		65E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-5 1E-10±2 1E-09		UI		4 0E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-8.6E-10±4 0E-09		UI		72E+O0	µCi/mL	GP	EPIA-013
0	Zirconium-95	-3.4E-10±3.6E-09		UI		64E+uJ	µCi/mL	GP	EPIA-013

WELL P 27TD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/95
Depth to water: 94.11 n (28.69 m) below TOC
Water elevation: 181.69 ft(55.3S m) msl
pH: 6.6
Sp. inductance: 76 µS/cm
Turbidity: 10 NTU
Water evacuated from the watt prior to sampling: 335 gal

Time: 1027
water temperature: 20.6 "c
Air temperature: 23.6 °C
Alkalinity: 12 mg12 mg/L
Phenolphthalein alkalinity: O mg/L

Wall P 2710 collected on 05/04/95 (cont)

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	1,250				100	µg/L	GE	EPA6010A
0	Actinium-228	43Emt6 2E-09	UI			t 2E+01	µCi/mL	GP	EPIA-013
0	Antimony-124	95E-IW 0E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Antimony-125	1.3E-09±5.0E-09	UI			S 1E+00	µCi/mL	GP	EPIA-013
0	Barium-133	-4.3E-10±2 6E-09	UI			4 1E+00	µCi/mL	GP	EPIA-013
0	Cerium-144	7.8E-09±1.4E-08	UI			25E+01	µCi/mL	GP	EPIA-013
0	Cesium-134	43.3E-1W22E~	UI			32E+O0	µCi/mL	GP	EPIA-013
0	Cesium-137	3.*-1 OO.OE-GS	UI			36E+O0	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6.6E-10±1.9E-09	UI			3 1E+00	µCi/mL	GP	EPIA-013
0	Cobalt-58	36E-Iotl 6E-09	UI			3 0E+00	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.1E-09±1.9E-09	UI			4 0E+00	µCi/mL	GP	EPIA-013
0	Europium-152	-1 9Ea*56E4)S	UI			9 6E+00	µCi/mL	GP	EPIA-013
0	Europium-154	-2 1E-08±1 6E-08	UI			2 9E+01	µCi/mL	GP	EPIA-013
0	Europium-155	-3.0E-09±8 0E-09	UI			1 4E+01	µCi/mL	GP	EPIA-013
0	Gross alph	1 2E419i191E-10	UI			14E+O0	µCi/mL	GP	EPIA-001
0	Lead-212	0 0E+00	UI			76E+O0	µCi/mL	GP	EPIA-013
0	Manganese-54	6.6E-10±1.9E-09	UI			35E+O0	µCi/mL	GP	EPIA-013
0	Nepturium-239	-1 .6E-08±1.5E-08	UI			24E+01	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	27E4W9 2E-10				16E+O0	µCi/mL	GP	EPIA-001
0	Potassium-40	1 2E-06t27E416	UI			2 8E+01	µCi/mL	GP	EPIA-013
0	Promethium-144	1 4E-09±19E-09	UI			3 6E+00	µCi/mL	GP	EPIA-013
0	Promethium-146	2 SE-*50E4S	UI			46E+O0	µCi/mL	GP	EPIA-013
0	Ruthenium-106	5 6E-09±17E-08	UI			3 1E+01	µCi/mL	GP	EPIA-013
0	Sodium-22	2 0E-09±11E-09	UI			2 9E+00	µCi/mL	GP	EPIA-013
0	Thorium-234	7 0E-09±14E-07	UI			1 6E+02	µCi/mL	GP	EPIA-013
0	Tin-113	4.8E-10±2.4E-09	UI			44E+O0	µCi/mL	GP	EPIA-013
0	Tritium	-3.3Ea7s35E4t7	UI			6 5E+02	µCi/mL	GP	EPIA-002
0	Yttrium-88	-3 9E-10±2 0E-09	UI			37E+O0	µCi/mL	GP	EPIA-013
0	Zinc-65	-3 2E~s45E41S	UI			62E+O0	µCi/mL	GP	EPIA-013
0	Zirconium-95	-7 3E-11*32E-09	UI			5 6E+00	µCi/mL	GP	EPIA-013

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/95
Depth to water: 10.09 ft (3.06 m) below TOC
Water elevation: 285.81 ft (87.12 m) msl
pH: 5.4
Sp. conductance: 37 µS/cm
Turbidity: 6 NTU
Water evacuated from the watt prior to sampling: 392 get

Time: 13:25
Water temperature: 17.1 °C
Air temperature: 34 1 °C
Alkalinity: 4 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5 6	J	Q	L	0010	pH	GE	EPA150.1
0	pH	5.5	J	Q		0.10	pH	WA	EPA150.1
2	Aluminum, total recoverable	124		IV		20	µg/L	GE	EPA6010
0	Aluminum, total recoverable	<87				87	µg/L	WA	EPA200.7
0	Arsen total recoverable	<5.0				5.0	µg/L	GE	EPA7060
0	Arsenic, total recoverable	<12		v		12	µg/L	WA	EPA200.7
0	Barium, total recoverable	18				3 0	µg/L	GE	EPA6010
0	Barium, total recoverable	18				7 4	µg/L	WA	EPA200.7
0	Cadmium, total recoverable	<2 0				2 0	µg/L	GE	EPA6010
0	Cadmium, total recoverable	<4 7				4 7	µg/L	WA	EPA200.7
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA6010
0	Chromium, total recoverable	<10				10	µg/L	WA	EPA200.7
0	Iron, total recoverable	126				18	µg/L	GE	EPA6010
0	Iron, total recoverable	27				26	µg/L	WA	EPA200.7
0	Lad. total recoverable	39	J	EV		5 0	µg/L	GE	EPA7421
0	Lad, total recoverable	13	J	E		13	µg/L	WA	EPA200.7
0	Manganese, total recoverable	3 9				2 0	µg/L	GE	EPA6010
0	Manganese, total recoverable	3 8	J	E		5 7	µg/L	WA	EPA200.7
0	Mercury, total recoverable	<0 20				0 20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0 67				0 67	µg/L	WA	EPA245 1
0	Nitrate as nitrogen	620				60	µg/L	WA	EPA353 2
0	Nitrate-nitrite e s nitrogen	620				100	µg/L	GE	EPA353 1
0	Nitrate-nitrite e s nitrogen	610				100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5 0				5 0	µg/L	GE	EPA7740
0	Selenium, told recoverable	<19				19	µg/L	WA	EPA200.7
0	Silver, total recoverable	<0 65				0 65	µg/L	GE	EPA6010
0	Silver, total recoverable	<2 0	J	LV	L	2 0	µg/L	WA	EPA200.7
0	Sodium, total recoverable	5.330		v		100	µg/L	GE	EPA6010

WELL HAA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/95
Depth 10 water: 111.64 ft (34.03 m) **below TOC**
Water elevation: 181.26 ft (55.25 m) msl
pH: 8.7
Sp. conductance: 196 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling: 35 gal

Time: 8:35
Water temperature: 20.3°C
Air temperature: 235*C
Alkalinity: 84 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite e s nitrogen	120				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	4,020				100	µg/L	GE	EPA601OA
0	Actinium-228	4.9E-09±3.8E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	-5.3E-10±1.7E-09	UI			2 8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1 .4E-09±3.0E-09	UI			S 2E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.1E-09±1.5E-09	UI			2 6E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	4.9E-09±9.2E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	9.5E-10±1.4E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Cesium- 137	-3.4E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6 8E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-5.0E-11±1.3E-09	UI			2324s	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.4E-11±1.1E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-7.1E-10±3.5E-09	UI			6 1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.9E-09±1.0E-08	UI			1 8E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.32 W*462-0s	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	32E.1OM.6E.1O	UIJ	c		1 sE-os	µCi/mL	GP	EPIA-001
0	Lead-212	0.0E+00	UI			48E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	26E-Iml.IE-OS	UI			2 1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	2.6E-09±8.6E-09	UI			1 5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.6E-''9.1E-1O	J	c		1 5E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	6.4E-09±1.8E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-7.5E-10±1.2E-09	UI			1 9E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.0E-09±1.4E-09	UI			23s-0s	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-6.4E-09±1.1E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	3.3E-10±1.1E-09	UI			2 1E-09	µCi/mL	GP	EPIA-013
0	- " - 2 3 4	3.9E-08±8.6E-08	UI			8.2E-08	µCi/mL	GP	EPIA-013
o	Tin-113	7.4E-11±1.6E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Tritium	-1 2E-07±2.8E-07	UI			4.5E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-4 3E-10±1.4E-09	UI			24E-m	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.9E-09±2.4E-09	UI			36E4S	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.2E-10±2.1E-09	UI			4.02-0s	µCi/mL	GP	EPIA-013

WELL HAA IAA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: **07/26/95**
Depth to water: 111.49 ft **(33.98 m) below TOC**
Water elevation: 181.21 ft (S5.23 m) **msl**
pH: 6.6
Sp. conductance: 113 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 70 gal

Time: **10:39**
Water temperature: 20.6°C
Air temperature: 30°C
Alkalinity: 24 mg/L
Phenolphthalain alkalinity **Not** available

ANALYSES .

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
O	Nitrate-nitrite e nitrogen	<60				60	µg/L	WA	EPA353.2
O	Sodium, total recoverable	1,660				100	µg/L	GE	EPASO1OA
O	Sodium, total recoverable	1,960		v		4.7	µg/L	WA	EPA200.7
o	Actinium-228	3.8E-09±8.4E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
O	Actinium-228	4.4E-09±1.1E-08	UI			1.9E-08	µCi/mL	TM	EPA901.1M
O	Actinium-228	5.3E-09±7.1E-09	UI			1 4E-08	µCi/mL	TM	EPA901.1M
O	Antimony-124	8.9E-10±1.6E-09	UI			26E-09	µCi/mL	GP	EPIA-013
O	Antimony-124	-1.1E-09±2.8E-09	UI			46E-m	µCi/mL	TM	EPA901 1M
O	Antimony-124	.4.5E-104.6E-OS	UI			43E-m	µCi/mL	TM	EPA901.1M
o	Antimony-125	-1 6E-09±2.9E-09	UI			: 9E-09	µCi/mL	GP	EPIA-013
o	Antimony-12s	-5 5E-09±6.2E-09	UI			0E-08	µCi/mL	TM	EPA901 1M
0	Antimony-12s	-3.5E-09±5.7E-09	UI			95E-m	µCi/mL	TM	EPA901.1M
0	Barium-133	-1.2E-09±1.8E-09	UI			26E-m	µCi/mL	GP	EPIA-013
0	Barium-133	8.6E-10±3.1E-09	UI			S 4E-09	µCi/mL	TM	EPA901 1M
o	Barium-133	-3.0E-11±3.0E-09	UI			: 7E-09	µCi/mL	TM	EPA901.1M
o	Cerium-144	.94E-10*9.4E-O9	UI			6E-08	µCi/mL	GP	EPIA-013
O	Cerium-144	-3.8E-09±1.4E-08	UI			23E-06	µCi/mL	TM	EPA901 1M

Well HAA **1AA collected** on **07/26/95** (cent)

F	Analyte	Result	R	A	B	SOL	Un	Lab	Method
0	Cerium-144	6.1E-09±1.1E-08	UI			1.9E-08	µCi/mL	TM	E A90 M
0	Cesium-134	-1 2E-09±1 4E-09	UI			1 9E-09	µCi/mL	GP	EPIA-
0	Cesium-134	-1.3E-09±2.5E-09	UI			42E@S	µCi/mL	TM	E A90 M
0	Cesium-134	4.02- 10s24E-09	UI			4.1E-09	µCi/mL	TM	E A90 M
0	Cesium-137	1.5E-09±1.3E-09	UI			2.4E-09	µCi/mL	GP	EPIA-
0	Cesium-137	-1.2E-09±2.9E-09	UI			4.2%-0s	µCi/mL	TM	EPA90 M
0	Cesium-137	9. 8E-10±2.3E-09	UI			4.1E-09	µCi/mL	TM	E A90 M
0	Cobalt-57	-9.3E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA
0	Cobalt-57	5.0E-11±1.7E-09	UI			29E-03	µCi/mL	TM	EPA90 M
0	Cobalt-57	7.2E-10±1.2E-09	UI			2.3E-09	µCi/mL	TM	E A90 M
0	Cobalt-58	2.5E-09±1.8E-09				2.4E-09	µCi/mL	GP	PI
0	Cobalt-58	9. 0E-10±2.7E-09	UI			4.8E-09	µCi/mL	TM	PA90 M
0	Cobalt-58	-1.5E-09±2.6E-09	UI			4.2E-09	µCi/mL	TM	PA90 M
0	Cobalt-60	4.2E-11±1.1E-09	UI			2.0E-09	µCi/mL	GP	EPIA-0
0	Cobalt-60	8.1E- 10Q6E4)3	UI			48E-OS	µCi/mL	TM	A90 M
0	Cobalt-60	-1 8E-09±2.6E-09	UI			4.3E-09	µCi/mL	TM	E A90 M
0	Europium-152	-2.2E-09±3.4E-09	UI			5.9E-09	µCi/mL	GP	PIA-
0	Europium-152	-6.1E-10±1.9E-08	UI			3 SE-OS	µCi/mL	TM	A90 M
0	Europium-152	3.7E-09±1.6E-08	UI			3 0E-08	µCi/mL	TM	A90 M
0	Europium-154	-4.5E-10±1.1E-08	UI			1.7E-08	µCi/mL	GP	PI
0	Europium-154	2.1E-09±7.7E-09	UI			1.4E-08	µCi/mL	TM	A90 M
0	Europium-154	-4.3E-09±5.8E-09	UI			9 W-OS	µCi/mL	TM	A90 M
0	Europium-155	1.1E-09±4.8E-09	UI			8.4E-09	µCi/mL	GP	
0	Europium-155	-1.3E-08±4.8E-09	UI			7.6E-09	µCi/mL	TM	A90 M
0	Europium-155	OsE.1&36E-09	UI			6.3E-09	µCi/mL	TM,	A90 M
0	Gross alpha	67E-IIe4.3E-10	UI			1.1E-09	µCi/mL	GP	PIA 00
0	Gross alpha	4. OE-104OE-1O	UI			8 4E-10	µCi/mL	TM	A900 0M
0	Iodine-129	-1 7E-08±1.3E-08	UI			1.8E-08	µCi/mL	TM	A90 M
0	Iodine-129	-4.0E-09±1.4E-08	UI			22EkM	µCi/mL	TM	PA90 M
0	Lead-212	2.9E-09±3.4E-09	UI			36E-OS	µCi/mL	GP	PIA
0	Lead-212	7.4E-09±4.4E-09	J		L	7.32-06	µCi/mL	TM	A90 M
0	Lead-212	4sE-06i03E-09	UI			5.3E-09	µCi/mL	TM	A90 M
0	Manganese-54	46E-IW1.IE-09	UI			2.1E-09	µCi/mL	GP	PI
0	Manganese-54	1.4E-09±2.7E-09	UI			5.0E-09	µCi/mL	TM	A90 M
0	Manganese-54	.22E- 10±2.0E-09	UI			36E-02	µCi/mL	TM	A90 M
0	Neptunium-239	-8.6E-09±8.7E-09	UI			1.4E-08	µCi/mL	GP	PI
0	Neptunium-239	3.7E-09±5.9E-08	UI			1 0E-07	µCi/mL	TM	A90 M
0	Neptunium-239	-2.2E-08±5.7E-08	UI			9.1E-08	µCi/mL	TM	PA90 M
0	Nonvolatile beta	1.6E-o9A8.6E-1o				1 6E-m	µCi/mL	GP	PI 00
0	Nonvolatile beta	1.8E-09±1.6E-09	J		L	7.6E-10	µCi/mL	TM	A900 0M
0	Potassium-40	9.9E-09±2.2E-08	UI			2 0E-08	µCi/mL	GP	
0	Potassium-40	2.7E-08±2.8E-08	UI			5.7E-08	µCi/mL	TM	EPA901.1M
0	Potassium-40	2.0E-08±2.8E-08	UI			5.4 E-m	µCi/mL	TM	EPA901 1M
0	Promethium-144	-2.8E-11±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-1 .4E-09±2.8E-09	UI			4.7E-09	µCi/mL	TM	EPA901.1M
0	Promethium-144	2.1E-09±2.3E-09	UI			4.2E-m	µCi/mL	TM	EPA901.1M
0	Promethium-146	5.9E-10±1.5E-09	UI			28E-m	µCi/mL	GP	EPIA-013
0	Promethium-146	2.9E-09±3.0E-09	UI			S 6E-m	µCi/mL	TM	EPA901.1M
0	Promethium-146	4.5E-10±2.5E-09	UI			4.5E-09	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	6.6E-09±1.1E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.9E-08±2.5E-08	UI			4.0E-08	µCi/mL	TM	EPA901 1M
0	Ruthenium-106	-7.6E-09±2.2E-08	UI			3.6E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	4.2E-10±1.1E-09	UI			2. 0E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	6, OE-1OA2.7E-09	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Sodium-22	-1.5E-09±2. E-09	UI			34E-OS	µCi/mL	TM	EPA901.1M
0	Thorium-234	0.0E+00	UI			9 1E-08	µCi/mL	GP	EPIA-013
0	Thorium-234	97E-06*3.6E-03	J		H	6 5E-08	µCi/mL	TM	EPA901.1M
0	Thorium-234	1 0E-07±3.2E-08	J		H	6 0E-08	µCi/mL	TM	EPA901.1M
0	Tin-113	4.8E-10±1.6E-09	UI			29E-OS	µCi/mL	GP	EPIA-013
0	Tin-113	-1.2E-09±2.9E-09	UI			s 0E-09	µCi/mL	TM	EPA901.1M
0	Tin-113	-1.3E-10±2.7E-09	UI			4 7E-09	µCi/mL	TM	EPA901.1M
0	Tritium	-2 2E-07±2.6E-07	UI			4.6E-07	µCi/mL	GP	EPIA-002
0	Tritium	-1 0E-08±3 0E-07	UI			S 4E-07	µCi/mL	TM	EPA908.0M
0	Yttrium-88	-1.7E-11±1.4E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-5.7E-10±2.4E-09	UI			45E-m	µCi/mL	TM	EPA901.1M
0	Yttrium-88	-5.8E-10±2.4E-09	UI			4 3E-m	µCi/mL	TM	EPA901.1M
0	Zinc-65	22E-@.4E-09	UI			4 7E-09	µCi/mL	GP	EPIA-013
0	Zinc-6S	39E-0s*6 5E-09	UI			1 2E-08	µCi/mL	TM	EPA901.1M
0	Zinc-65	1.6E-09±4.5E-09	UI			8 0E-09	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-1.8E-09±2.4E-09	UI			3 4 C m	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.9E-10±4.7E-09	UI			02E-09	µCi/mL	TM	EPA901 1M
0	Zirconium-95	-1 4E-09±4.0E-09	UI			67E49	µCi/mL	TM	EPA901 1M

WELL HAA 1 AA Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sampldate: 07/26/95
Depth to water: 111.49 ft (33.98 m) below TOC
Water elevation: 181.21 ft (55.23 m) msl
pH: 6.6
Sp. conductance: 113 µS/cm
Turbidity 2 NTU
Water evacuated from the well prior 10 sampling: 70 gal

Time: 10:39
Water temperature: 20 8-C
Air temperature: 30°C
Alkalinity: 24 mg/L
Phenolphthalein alkalinity: Nol available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA3531
O	Nitrate-nitrite as nitrogen	<60				60	µg/L	WA	EPA353.2
O	sodium, total recoverable	1,940				100	µg/L	GE	EPA6010A
O	Sodium, total recoverable	2,120		V		4.7	µg/L	WA	EPA200.7
o	Actinium-228	46E-~4.3E-09	UI			8.3E-09	µCi/mL	GP	EPIA-013
O	Actinium-228	1.6E-08±2.1E-08	UI			36E-06	µCi/mL	TM	EPA901.1M
o	Actinium-228	-1.5E-08±2.1E-08	UI			25E.W	µCi/mL	TM	EPA901.1M
o	Actinium-228	-4.3E-09±2.2E-08	UI			26E4J6	µCi/mL	TM	EPA901.1M
O	Antimony-124	-4.8E-10±1.5E-09	UI			2. SE-09	µCi/mL	GP	EPIA-013
O	Antimony-124	4.55-*4 6s-09	UI			67E-06	µCi/mL	TM	EPA901.1M
O	Antimony-124	2.0E-08±1.7E-08	J		L	2.9E-08	µCi/mL	TM	EPA901.1M
O	Antimony-124	-7.5E-09±1.6E-08	UI			2.7E-08	µCi/mL	TM	EPA901.1M
o	Antimony-125	4.1E-10±3.3E-09	UI			s 6s-06	µCi/mL	GP	EPIA-013
O	Antimony-125	6.6E-08±2.8E-08	R			2.1E-08	µCi/mL	TM	EPA901.1M
O	Antimony-125	3.0E-09±9.8E-09	U			1.7E-08	µCi/mL	TM	EPA901.1M
O	Antimony-125	6.3E-10±9.0E-09	U			1.6E-08	µCi/mL	TM	EPA901.1M
o	Barium- 133	-8.5E-10±1.6E-09	UI			2.7s-0s	µCi/mL	GP	EPtA-013
o	Barium- 133	1.2E-09±5.6E-09	U			9.6s-0s	µCi/mL	TM	EPA901.1M
0	Barium-133	-5.0E-09±4.3E-09	UI			7.3s-0s	µCi/mL	TM	EPA901.1M
o	Barium-133	-5.4E-09±4.1E-09	U			6.8E-09	µCi/mL	TM	EPA901.1M
o	Cerium-144	2.6E-09±9.3E-09	U			1.6E-08	µCi/mL	GP	EPIA-013
o	Cerium-144	7.3E-09±2.1E-08	U			3.9E-08	µCi/mL	TM	EPA901.1M
O	Cerium-144	.3.IE-0S*32&ni	U			3.8E-08	µCi/mL	TM	EPA901.1M
0	Cerium-144	-4.4E-08±2.8E-08	U			3.4E-08	µCi/mL	TM	EPA901.1M
o	Cesium- 134	3.2E-10±1.2E-09	U			1.8E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	4.3E-09±5.7E-09	U			7.6s-06	µCi/mL	TM	EPA901.1M
o	Cesium-134	1.7E-09±4.4E-09	UI			7.1E-09	µCi/mL	TM	EPA901.1M
O	Cesium- 134	-2.7E-09±4.3E-09	U			65E-06	µCi/mL	TM	EPA901.1M
0	Cesium- 137	-4.0E-10±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
0	Cesium- 137	66E-1W5. 1E-09	U			6.6S-06	µCi/mL	TM	EPA901.1M
0	Cesium- 137	4.9E-10±4.0E-09				6.2E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	76E-1OA3.9E-O6	U			6.8E-09	µCi/mL	TM	EPA901.1M
o	Cobalt-57	1.8E-10±1.2E-09				2.0s.06	µCi/mL	GP	EPIA-013
o	Cobalt-57	.1 .3E-09±2.6E-09	U			4.5E-09	µCi/mL	TM	EPA901.1M
o	Cobalt-57	2.1E-09±2.9E-09	U			4.8E-09	µCi/mL	TM	EPA901.1M
o	Cobalt-57	1.4E-09±2.7E-09	U			4.4E-09	µCi/mL	TM	EPA901.1M
o	Cobalt-58	-8.4E-10±1.2E-09	U			2.1E-09	µCi/mL	GP	EPIA-013
o	Cobalt-58	-1.7E-09±4.7E-09	U			7.7E-09	µCi/mL	TM	EPA901.1M
o	cobalt-w	6.6E-09±1.4E-08	U			22E-06	µCi/mL	TM	EPA901.1M
o	Cobalt-58	2.6E-09±1.4E-08	U			2.2E-08	µCi/mL	TM	EPA901.1M
o	Cobalt-60 -	-4.7E-1O*1.1E-O6	U			1.6s-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	2. 8E-09±4.4E-09				89s-06	µCi/mL	TM	EPA901.1M
o	Cobalt-60 -	-1.7E-09±4.0E-09	U			6.7E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	-1.2E-09±4.0E-09	U			6.8E-09	µCi/mL	TM	EPA901.1M
O	Europium-152	-3.3E-11±3.3E-09	U			5.8E-09	µCi/mL	GP	EPIA-013
O	Europium-152	1.0E-08±3.4E-08				6. SE-06	µCi/mL	TM	EPA901.1M
0	Europium-152	-3.7E-09±2.7E-08				4.6E-08	µCi/mL	TM	EPA901 1M
0	Europium-152	-4.2E-10±2.4E-08	U			4.2E-08	µCi/mL	TM	EPA901.1M
O	Europium-154	-1.2E.1O*1.2E-W	U			1.8E-08	µCi/mL	GP	EPtA-013
O	Europium-154	8.2E-09±1.2E-08	U			23s-0s	µCi/mL	TM	EPA901.1M
O	Europium-154	6.9E-09±1.1E-08				20s-06	µCi/mL	TM	EPA901.1M
O	Europium- 154	1.1E-09±1.1E-08	UI			2.0E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-2.0E-09±4 6E-09				7.8E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-6.7E-10±7.5E-09				1.2E-08	µCi/mL	TM	EPA901.1M
O	Europium-155	-1.6E-09±7.7E-09				1 1E-08	µCi/mL	TM	EPA901 1M
O	Europium-155	57E-06i7.oE-06				1 1E-08	µCi/mL	TM	EPA901.1M
O	Gross alpha	6.3E-10±5 4E-10	U			8.8E-10	µCi/mL	GP	EPIA-001
o	Gross lpha	7.OE-1OAOE-1O				6.5E-10	µCi/mL	TM	EPA900 OM
o	Iodine-129	-1.6E-08±2.9E-08	U			46E-06	µCi/mL	TM	EPA901 1M
2	Iodine-129	7.7E-08±4.0E-08	J		L	6 3E-08	µCi/mL	TM	EPA901.1M
2	Iodine-129	1 7E-07±5.0E-08				8.3E-08	µCi/mL	TM	EPA901.1M
O	Lead-212	o 0E+00	UI			5.1E-09	µCi/mL	GP	EPIA-013
O	Lead-212	73E-lul.IE-oS	UI			1.1E-08	µCi/mL	TM	EPA901 1M
O	Lead-212	4.3E-08±1.0E-08	UI			8 4E-09	µCi/mL	TM	EPA901 1M
O	Lead-212	-5.3E-09±7.5E-09	UI			9 0E-09	µCi/mL	TM	EPA901.1M

Well HAA 1 AA collected on 07/26/25 (cont)

F	Analyte	Result	a	A	B	SOL	Unit	Lab	Method
O	Manganese-54	-8 1E-10*1 1E-09	UI			1 8E-09	µCi/mL	GP	EPIA-013
O	Manganese-54	-1.5E-09±4.2E-09	UI			7 sE-06	µCi/mL	TM	EPA901.1M
O	Manganese-54	2.1E-09±4.7E-09	UI			8 4E-09	µCi/mL	TM	EPA901.1M
O	Manganese-54	-1.7E-09±5.1E-09	UI			8 7E-09	µCi/mL	TM	EPA901.1M
O	Neptunium-239	3.7E-09±8.7E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
O	Neptunium-239	52E-02:9 2E-08	UI			1.5E-07	µCi/mL	TM	EPA901.1M
O	Nonvolatile beta	1.7E-09±7.5E-10				1.4E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	3.0E-09±1.7E-09				7.8E-10	µCi/mL	TM	EPA900.0M
O	Potassium-40	7.4E-09±1 7E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
O	Potassium-40	6.9E-08±5.5E-08	UI			1.1E-07	µCi/mL	TM	EPA901.1M
O	Potassium-40	6.8E-09±6.5E-08	UI			6 1E-08	µCi/mL	TM	EPA901.1M
O	Potassium-40	-6.9E-09±5 6E-08	UI			8 0E-08	µCi/mL	TM	EPA901.1M
O	Promethium-144	-1 .4E-10*1.3E-09	UI			2 0E-09	µCi/mL	GP	EPtA-013
O	Promethium-144	24E-06:4 6E-09	UI			8 3E-09	µCi/mL	TM	EPA901.1M
O	Promethium-144	3.4E-09±4.9E-09	UI			79E-06	µCi/mL	TM	EPA901.1M
O	Promethium-144	-3.2E-09±4.6E-09	UI			7.7E-09	µCi/mL	TM	EPA901.1M
O	Promethium- 146	3.7E-10±1.4E-09	UI			2.6s-06	µCi/mL	GP	EPIA-013
O	Prorrrdrksrr-146	1.5E-09±5.0E-09	UI			9 0E-09	µCi/mL	TM	EPA901.1M
O	Promethium- 146	-4.7E-10±4.3E-09	UI			7.4E-09	µCi/mL	TM	EPA901.1M
O	Promethium-146	4.7 E-06*4 .2E-09	J		L	7.6s-06	µCi/mL	TM	EPA901.1M
O	Ruthenium-106	67E-06*1.IE-OS	UI			2 0E-08	µCi/mL	GP	EPIA-013
O	Ruthenium-106	8.3E-09±4.3E-08	UI			7.5E-08	µCi/mL	TM	EPA901.1M
O	Ruthenium-106	. 1.8E-08±4.2E-08	UI			7.1E-08	µCi/mL	TM	EPA901.1M
O	Ruthenium-106	1.2E-08±4.1E-08	UI			7.3E-08	µCi/mL	TM	EPA901.1M
O	Sodium-22	-WX-1O*1.1E-O2	UI			1.7E-09	µCi/mL	GP	EPIA-013
O	Sodium-22	3.1E-09±4.2E-09	UI			6 1E-09	µCi/mL	TM	EPA901.1M
O	Sodium-22	2.7E-09±4.1E-09	UI			7.5E-09	µCi/mL	TM	EPA901.1M
O	Sodium-22	4.5E-10±4.4E-09	UI			76E-06	µCi/mL	TM	EPA901.1M
O	Thorium-234	0.0E+00	UI			9 SE-OS	µCi/mL	GP	EPIA-013
O	Thorium-234	3.9E-08±1.0E-07	UI			7.9E-08	µCi/mL	TM	EPA901.1M
O	Thorium-234	9.8E-08±8.6E-08	J		L	69E-OS	µCi/mL	TM	EPA901.1M
O	Thorium-234	1.2E-07±1, 1 E-07	J		t.	66E-06	µCi/mL	TM	EPA901.1M
O	Tin-113	-2.9E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
O	Tin-113	-4.7E-09±5.3E-09	UI			66E-06	µCi/mL	TM	EPA901.1M
O	Tin-113	-6.1E-09±8.4E-09	UI			1 4E-08	µCi/mL	TM	EPA901.1M
O	Tin-113	-1.4E-09±7.9E-09	UI			1.4E-08	µCi/mL	TM	EPA901.1M
O	Tritium	-1.8E-07±2.6E-07	UI			45E-07	µCi/mL	GP	EPIA-002
O	Tritium	-3.7E-07±2 7E-07	UI			S 4E-07	µCi/mL	TM	EPA906.0M
O	Yttrium-88	-9.2E-10±1.4E-09	UI			2 4E-09	µCi/mL	GP	EPIA-013
O	Yttrium-88	2. 1E-09±3.9E-09	UI			8 6E-09	µCi/mL	TM	EPA901.1M
O	Yttrium-88	-4.7E-09±8.5E-09	UI			1.4E-08	µCi/mL	TM	EPA901.1M
O	Yttrium-88	-2.5E-09±7.6E-09	UI			1 3s-06	µCi/mL	TM	EPA901.1M
O	Zinc-65	1.1E-09±2.6E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
O	Zinc-65	-2.9E-09±1.0E-08	UI			1.8E-08	µCi/mL	TM	EPA901.1M
O	Zinc-65	-2.0E-09±1.1E-08	UI			2. 0E-08	µCi/mL	TM	EPA901.1M
O	Zinc-65	-1.6E-09±1.2E-08	UI			1 9E-08	µCi/mL	TM	EPA901.1M
O	Zirconium-95	-4.4E-10±2.3E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
O	Zirconium-95	-4.4E-09±8.5E-09	UI			1.2E-08	µCi/mL	TM	EPA901.1M
O	Zirconium-95	1.2E-08±2.4E-08	UI			43E4S	µCi/mL	TM	EPA901 1M
O	Zirconium-95	9.5E-09±2.6E-08	UI			4.7E-08	µCi/mL	TM	EPA901.1M

WELL HAA 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sampldate: 07/27/6S
Depth to water: 41.04 ft (12.51 m) below TOC
Water elevation: 252.16 ft (76.66 m) msl
pH: 9.9
Sp. conductance: 175 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 60 gal

Time: 9:24
Water temperature: 20.2°C
Air temperature: 24 .5°C
Alkalinity: 73 mg/L
Phenolphthalein alkalinity: Not ● vaitable

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	60	J	E		100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	5,980				100	µg/L	GE	EPA601OA
O	Actinium-228	2.5E-09±6.2E-09	UI			8 1E-09	µCi/mL	GP	EPIA-013
O	Antimony-124	.5.1 E-10* 1.6E.o9	UI			2 7E-09	µCi/mL	GP	EPIA-013
o	Antimony-125	4.1E-10±3.1 E-02	UI			55E-09	µCi/mL	GP	EPIA-013
O	Barium-133	- 2 4E-09±1 7E-09	UI			2 7E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-5.2E-09±9.3E-09	UI			1 6E-08	µCi/mL	GP	EPIA-013
o	Cesium-134	2.6E-10±1.3E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
o	Cesium-137	-1.2E-09±1 3E-09	UI			2 OE-09	µCi/mL	GP	EPIA-013
O	Cobalt-57	1.6E-10±1.2E-09	UI			2 1E-09	µCi/mL	GP	EPIA-013
o	cobalt-se	-12E-10±1 4E 09	UI			2 5E-09	µCi/mL	GP	EPIA-013

Well HAA 1B collected on 07/27/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	cobalt-so	2 5E-10±1 1E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
O	Europium- 152	1.5E-09±3.2E-09	UI			5 8E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.3E-08±1.3E-08	UI			1 7E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-8.4E-10±4.9E-09	UI			83E.03	µCi/mL	GP	EPIA-013
O	Gross lpha	3.6E-10±4.9E-10	UIJ	C		: 5E-10	µCi/mL	GP	EPIA-001
O	Lead-212	2.9E-09±4.6E-09	UI			1E-09	µCi/mL	GP	EPIA-013
O	Manganese-54	-1.7E-10±1.1E-09	UI			1 9E-09	µCi/mL	GP	EPIA-013
O	Neptunium-239	-1.5E-09±8.7E-09	UI			1 5E-08	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	26E-09*0 8E-10	J	C		1 4E-09	µCi/mL	GP	EPIA-001
O	Potassium-40	6.7E-09±2.7E-08	UI			1 8E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	.46E. 10±1.1E-09	UI			1 8E-09	µCi/mL	GP	EPIA-013
O	Promethium-146	-3 6E-10±15E-09	UI			2 7E-09	µCi/mL	GP	EPIA-013
O	Ruthenium-106	.1.6E-08±1.1E-08	UI			1 9E-08	µCi/mL	GP	EPIA-013
o	Sodium-22	-4.8E.1O*1.1E-O2	UI			1.9E-09	µCi/mL	GP	EPIA-013
o	Thorium-234	o 0E+00	UI			9 7E-08	µCi/mL	GP	EPIA-013
0	Tin-113	3.3E-11±1.7E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Tritium	5.9E-07±2.8E-07				46E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	.3.2E-10*1.3E.OS	UI			2.3E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	-9.1E-10±2.9E-09	UI			42E-oS	µCi/mL	GP	EPIA-013
o	Zirconium-95	-8.9E-10±2.3E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013

WELL HAA 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/95
Depth to water: 40.73 ft (12.41 m) below TOC
Water elevation: 252.67 ft (77.01 m) mak
pH: 7.3
Sp. conductance: 97 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 55 gal

lima: 1046
Water temperature: 20°C
Air temperature: 27.1°C
Alkalinity: 38 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Cyanide	<20				20	µg/L	GE	EPA335.3
0	Cyanide	<20				20	µg/L	GE	EPA335.3
0	Mercury, total recoverable	0.54				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	<1oo				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,700				100	µg/L	GE	EPA6010A
0	Actinium-228	-7.1E-10±8.3E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	4.3E-10±6.6E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.2E-09±6.9E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Barium-133	-1.8E-09±4.2E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.6E-08±3.3E-08	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	4.7E-10±2.9E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.9E-09±4.4E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	7.8E-10±2.5E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.6E-09±3.0E-09	UI			4.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.2E-09±2.4E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-9.2E-09±1.0E-08	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Europium-154	1.7E-08±2.4E-08	UI			4.6E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-4.5E-09±8.2E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6.3E-10±6.2E-10	UI			1.1E-09	µCi/mL	GP	EPIA-001
0	Gross alpha'	6.3E-10±6.1E-10	UI			1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	6.0E-09±5.5E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-7.3E-10±2.2E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	3.9E-09±1.5E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.9E-09±1.1E-09	UIJ	C		2.0E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.6E-09±1.1E-09	J	C		2.0E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.2E-08±2.3E-08	UI			4.3E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.2E-09±2.4E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.2E-09±3.2E-09	UI			5.4E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.0E-08±2.2E-08	UI			3.9E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.7E-10±2.7E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	1.6E-07±1.5E-07	UI			1.6E-07	µCi/mL	GP	EPIA-013
0	Tin-113	8.8E-10±3.7E-09	UI			6.4E-09	µCi/mL	t3P	EPIA-013
0	Tritium	-9.6E-10±2.6E-07	UI			4.5E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-7.4E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	zinc-65	-1.3E-09±8.0E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Zirconium-95	3.5E-09±4.9E-09	UI			9.0E-09	µCi/mL	GP	EPIA-013

WELL HAA 1 D

MEASUREMENTS CONDUCTED IN THE FIELD

Sampl dale: 07/27/65
Deptho water: 17.14 ft (5.22 m) below TOC
Water elevation: 276.76ft (84.36m) msl
pH: 4.9
Sp. conductance: 35 µS/cm
Turbidity: 1 NTU
Waler evacuated from the wett prior to sampling: 15 gal

Time: 11:28
Water temperature: 19.6-C
Air temperature: 28.4°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: Not ● vallti.

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Barium, total recoverable.	9 6		V		3 0	µg/L	GE	EPA601oA
2	Lead, total recoverable	144	J.	I	P	s o	µg/L	GE	EPMO1OA
0	Manganese, total recoverable	14		V		2 0	µg/L	GE	EPA8010A
0	Mercury, total recoverable	<0.20				0.20	µg/L	G E	EPA7470
0	Nickel, total recoverable	<Io				10	µg/L	GE	EPA8010A
0	Nitrate-nitrite ● s nitrogen	1,560				100	µg/L	GE	EPA353.1
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2,160				100	µg/L	GE	EPA601oA
0	Sodium, total recoverable	2,s60				100	µg/L	GE	EPA8010A
0	Actinium-228	5.4E-09±4.1E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	56E-I&I.SE-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	2.1E-09±3.3E-09	UI			6 1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	3.8E-10±1.7E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.7E-09±9.0E-09	UI			1 SE-OS	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.4E-11±1.3E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.4E-10±1.2E-09	UI			22E-OS	µCi/mL	GP	EPIA-013
0	Cobalt-57	-9.5E-11±1.2E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.4E-09±1.6E-09	UI			22E-03	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.1E-10±1.2E-09	UI			1 9E-09	µCi/mL	GP	EPIA-013
0	Europium-152	5.4E-10±3.4E-09	UI			6.1E-09	µCi/mL	GP	EPtA-013
0	Europium-154	-5.9E-10±1.1E-08	UI			202-0s	µCi/mL	GP	EPIA-013
0	Europium-155	-2.6E-09±4.9E-09	UI			8.32-03	µCi/mL	GP	EPIA-013
0	Gross alpha	-3.1E-11±3.2E-10	UI			9.9E-10	µCi/mL	GP	EPIA-001
0	Lead-212	8.0E-10±3.7E-09	UI			3 SE-W	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.2E-10±1.3E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	7.OE-1042E-O9	UI			1 4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	O.2E-1OAS 1E-10	UIJ	C		1 7E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1. 1E-08±2.2E-08	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.6E-10±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.4E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-7.7E-09±1.1E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	6.9E-10±1.1E-09	UI			2 1E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	1.1E-07±1.0E-07				7 0E-08	µCi/mL	GP	EPIA-013
0	Tin-113	4.5E-10±1.7E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Tritium	9.5E-08±6.2E-07				5.9E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-7.3E-10±1.2E-09	UI			2.1 E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-7.9E-10±2.5E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.3E-12±2.4E-09	UI			4.32-09	µCi/mL	GP	EPIA-013

WELL HAA ITA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/s5
Depth to water: 110.53 ft (33.69 m) below TOC
Water elevation: 181.67 ft (55.37 m) mat
pH: 6
Sp. conductance: 74 µS/cm
Turbidity: 5 NTU
Water evacuated trom the well prior to sampling: 34S gat

Time: 7:54
Water temperature: 20.2°C
Air temperature: 22.7°C
Alkalinity: 20 mg/L
Phenolphthalein alkalinity: Not ● vaSabla

ANALYSES

F	Analyte	Result	R	A	B	SOL	unit	Lab	Method
o	Nitrate-nitrite ● s nitrogen	<100				100	µg/L	GE	EPA353. 1
0	Sodium, total recoverable	2,900				100	µg/L	GE	EPASO1OA
0	Actinium-228	7.3E-09±1.1E-08	UI			1 4E-08	µCi/mL	G P	EPIA-013
0	Actinium-228	1.3E-08±1.0E-08	UI			2 0E-08	µCi/mL	G P	EPIA-013
0	Antimony-124	1.6E-09±2.2E-09	UI			39E@2	µCi/mL	G P	EPIA-013
0	Antimony-124	-1.7E-09±4.1E-09	UI			5 7E-09	µCi/mL	G P	EPIA-013
0	Antimony 125	-1 6E-09±47E-09	UI			7 8E-09	µCi/mL	G P	EPIA-013
0	Antimony-125	-7.0E-11±7.5E-09	UI			1 3E-08	µCi/mL	G P	EPIA-013
0	Barium-133	-1.2E-09±2.3E-09	UI			39E09	µCi/mL	G P	EPIA-013
0	Barium- 133	9.5E-10±4.0E-09	UI			69E09	µCi/mL	GP	EPIA 013
0	Cerium-144	-6 6E-09±12E-08	UI			20EO13	µCi/mL	G P	EPIA-013

Well HAA-1A collected on 07/27195 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Cerium-144	-9 oE-03:24E46	UI			32E-08	µCi/mL	GP	EPIA-013
0	Coskrrn-134	-1 6E-09±17E-09	UI			26E46	µCi/mL	GP	EPIA-013
0	Cesium-134	2 1E-09±3.1E-09	UI			49E09	µCi/mL	GP	EPIA-013
0	Cesium-137	6 1E-10±18E-09	UI			33E-03	µCi/mL	GP	EPIA-013
0	Cesium- 137	69E-I&2 6E-09	UI			46E-03	µCi/mL	GP	EPIA-013
0	Cobalt-57	32E.1O*1.6E4M	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.7E-09±4.3E-09	UI			3 sE-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	3 7E-10*20E@3	UI			37E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4 7E.1%33E-09	UI			59E-06	µCi/mL	GP	EPIA-013
0	Cobalt 60	6.2E-11±1.8E-09	UI			34E-09	µCi/mL	GP	EPIA-013
0	cobalt-60	-3 IE-10i23E-09	UI			42E49	µCi/mL	GP	EPIA-013
0	Europium-152	-5 4E - 10*46E-03	UI			7 9E-09	µCi/mL	GP	EPIA-013
0	Europium-152	.47E-02e9 0E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Europium- 154	-5. SE-09* 1.9E-08	UI			32E&t	µCi/mL	GP	EPIA-013
0	Europium-154	1.5E-08±3.2E-08	UI			5.2E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3 9E-09±8 9E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3.3E-10±7.5E-09	UI			13E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	32E-03*1 2E-06	J	c		13E-09	µCi/mL	GP	EPIA-001
0	Lead-212	9.3E- Ih45E-03	UI			6 1E-09	µCi/mL	GP	EPIA-013
0	Lead-212	6.4E-09±8.0E-09	UI			1 1E-08	µCi/mL	GP	EPIA-013
0	Manganese-54	-6.6E-1O*1.5E.W	UI			2 6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.3E-10±2.8E-09	UI			5 0E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4.8E-09±1.2E-08	UI			2 0E-08	µCi/mL	GP	EPIA-013
0	Neptunium-239	-7.1E-10±1.5E-08	UI			25E-@	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.2E-09±8 8E- 10	J	c		1.5E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.4E-08±2.4E-08	UI			4.8E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	1.3E-08±5.7E-08	UI			3 8E-08	µCi/mL	(3P	EPIA-013
0	Promethium-144	-8.6E-11±1.8E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Promethium- 144	1.2E-09±2.5E-09	UI			4.6E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.6E-10A2.*-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1 4E-10±3.4E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
1	Ruthenium- 106	1.6E-08±2.5E-08	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-2.1E-08±2.3E-08	UI			3.8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	69E-loa2.oE-06	UI			35E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	1.2E-09±3.0E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	0.0E+00	UI			t.7E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	61E408±1.6E-07	UI			1.8E-07	µCi/mL	GP	EPIA-013
0	Tin-113	2.6E-09±3.5E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Tin-113	O.4E-1044.4E4M	UI			7.5E-09	µCi/mL	GP	EPIA-013
0	Tritium	-3.0E-07±2.5E-07	UI			45E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-9.4E-11±2.3E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	6.2E-10±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.5E-09±3.8E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.7E-09±6.1E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.3E-09±3.4E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.3E-09±5.8E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013

WELL HAA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/95
Depth to water: 115.26 ft (35.35 m) below TOC
Water elevation: 177.32 ft (54.05 m) msl
pH: Not available
Sp.conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

lima: 8:30
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: **Not** ● vaifabla

WELL HAA 2AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/95
Depth to water: 115.65 ft (35.25 m) below TOC
Water **elevation:** 177.75 ft (54.18 m) msl
pH: 11.6
Sp. conductance: 74, µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior **to** sampling: 55 gal

Tii: 7:41
Water temperature: 20.5°C
Air temperature: 23.3°C
Alkalinity: 74 mg/L
Phenolphthalein alkalinity: **Not** available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite e s nitrogen	<1oo				100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	<1oo				100	µg/L	GE	EPA353. 1
0	Sodium, total recoverable	7,300				100	µg/L	GE	EPA601oA

Well HAA 2AA collected on 07/28/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Actinium-228	1 1E-08±1.5E-08	UI			2 1E06	µCi/mL	GP	EPIA-013
O	Antimony 124	32E49*3 0E-09	UI			6.0E-09	µCi/mL	GP	EPIA-013
O	Antimon y-125	68E-10@ 3E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
o	Barium- 133	9.8 E- 1 1±2.9E-09	UI			5.1E-09	µCi/mL	GP	EPIA-013
o	Cerium-144	-2.5E-09±1.5E-08	UI			2.6E-08	µCi/mL	GP	EPIA-013
o	Cesium- 134	-1.4E-09±2.4E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
o	Cesium-137	43E-Iti2 5E-09	UI			47E-03	µCi/mL	GP	EPIA-013
o	Cobalt-57	1.3E-09s2 1E-09	UI			35E-oS	µCi/mL	GP	EPIA-013
o	Cobalt-58	3. 0E-10±2.9E-09	UI			54E-09	µCi/mL	GP	EPIA-013
o	Cobalt-60	-1.3E-09±2.9E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
O	Europium-152	-3.5E-09±7.1E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
O	Europium- 1s4	1.3E-09±2.5E-08	UI			3.9E-08	µCi/mL	GP	EPIA-013
o	Europium- 155	1.9E-09±8.9E-09	UI			1 4E-08	µCi/mL	GP	EPIA-013
o	Gross alpha	1 5E-09±7.0E-10				1.2E-09	µCi/mL	GP	EPIA-001
o	Gross lpha	1.7E-09±8.2E- 10				1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	0.0E+00	UI			1.0E-08	µCi/mL	GP	EPIA-013
o	Manganese-54	-4.5E-10±2.8E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
O	Neptunium-239	3 1E-09±1.4E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	4.7E-09±1.1E-09				1.9E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	4.6E-09±1.1E-09				1.8E-09	µCi/mL	GP	EPIA-001
o	Potassium-40	5.9E-08±4.2E-08				4.7E-08	µCi/mL	GP	EPIA-013
o	Promethium-144	1.6E-09±2.3E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
o	Promethium-146	-6.9E-10±2.9E-09	UI			4.9E-09	µCi/mL	GP	EPIA-013
O	Ruthenium-106	4.5E-09±2.5E-08	UI			4.5E-08	µCi/mL	GP'	EPIA-013
o	Sodium-22	-1.2E-09±2.7E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
o	Thorium-234	o 0E+00	UI			2.0E-07	µCi/mL	GP	EPIA-013
o	Tin-113	1 2E-09±3.4E-09	UI			6.0E-09	µCi/mL	GP	EPIA-013
O	Tritium	1 9E-06±3.1E-07	UI			5.3E-07	µCi/mL	GP	EPIA-002
o	Yttrium-88	1.5E-09±2.9E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	3.4E-09±8.2E-09	UI			9.8E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1.6E-09±4.7E-09	UI			8.3E-09	µCi/mL	GP	EPIA-013

WELL HAA 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale 07/26/95
Depth to water: 39.41 ft (12.01 m) below TOC
Water elevation: 253.59 ft(77.3 m) msl
pH: 7.8
Sp. conductance: 94 µS/cm
Turbidity: 1 NTU
Water evacuated from **the well** prior 10 **sampling:** 60 gal

Time: 9:07
Water temperature: 22.1 "C
Air **temperature:** 28.4°C
Alkalinit: 26 mg/L
Phenolphthalein alkalinity: Not ● valtabla

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate-nitrite as nitrogen	80	J	E		100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	9,070				100	µg/L	GE	EPA601oA
0	Actinium-228	3.5E-10±4.1E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	9.1E-11±1.7E-09	UI			28E-03	µCi/mL	GP	EPtA-013
0	Antimony-125	-1.3E-09±3.3E-09	UI			5.7E-09	µCi/mL	GP	EPIA-013
0	Barium-133	2.3E-1OS1.7E-O3	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-6.6E-1O*9.2E-O3	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	6.0E-10±1.3E-09	UI			20E;09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.3E-10±1.2E-09	UI			2 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-8.2E-12±1.1E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4 1E-10±1.2E-09	UI			23E-03	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.3E-10±1.1E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-3.2E-10±3.4E-09	UI			6 0E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.5E-08±1.0E-08	UI			1 6E-08	µCi/mL	GP	EPIA-013
0	Europium-155	S.1E-1OS4.7E-O3	UI			62E-06	µCi/mL	GP	EPIA-013
0	Gross lpha	65E-1OS6 6E-10	UIJ	c		1 2E-09	µCi/mL	GP	EPIA-001
0	Lead-212	38E-03*3.3E-06	UI			36E-06	µCi/mL	GP	EPIA-013
0	Manganese-54	1.2E-09±1.2E-09	UI			22E-09	µCi/mL	GP	EPtA-013
0	Neptunium-239	-5.7E-09±8.3E-09	UI			1 4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.5E-O9*85E-1O	UI			17E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.7E-08±1.4E-08	UI			26E4)tt	µCi/mL	GP	EPIA-013
0	Promethium- 144	-2.0E-10±1.4E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Promethium- 146	-1.2E-09±1.5E-09	UI			2 5E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.0E-08±9.4E-09	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.7E.1O*1.1E-O9	UI			1 9E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	2 7E-09*66E-06	UI			9 5E-08	µCi/mL	GP	EPIA-013
0	Tin- 113	1 4E-10±16E-09	UI			2 9E-09	µCi/mL	GP	EPIA-013
0	Tritium	9. 1E-08±3.1E-07	UI			5 3E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-4 3E-10±1 4E 09	UI			2 6E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2 3E-12±2 6E 09	UI			4 7E-09	µCi/mL	GP	EPIA-013

Well HAA 28 collected on 07/28/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Zirconium-95	-1 4E 09±2 3E-09	UI			4 0E-09	µCi/mL	G P	EPIA-013

WELL HAA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/28/95
Depth 10wale~3S.04fl(11.59 m) Mow TOC
Water elevation: 254.46 ft (77.56 m) msl
pH: 8.1
Sp. conductance: 23 µS/cm
Turbidity: 1 NTU
Water evacuated horn the wall prior to sampling: 40 gal

Time: 9:38
Waler temperature: 21.1 "C
Air te rature: 29.6°C
Alkalinity: 3 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate-nitrite e s nitrogen	520				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,470				100	µg/L	GE	EPA6010A
0	Actinium-228	2 0E-09±41E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	15E-11*1.7E-02	UI			2 8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	25E--3.2E4)2	UI			5 9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.2E-10±1.7E-09	UI			262-09	µCi/mL	GP	EPIA-013
0	Cerium-144	7.0E-09±9.3E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.3E-09±1.3E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.9E-09±2.6E-09				2.0E-09	µCi/mL	(3P	EPIA-013
0	Cobalt-57	-3.7E-10±1 2E-09	UI			2 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-3.7E-10±1.4E-09	UI			25E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.6E-10±1.1E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-6.0E-10±3.5E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.6E-10±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.3E-09±4.7E-09	UI			8.3E-09	µCi/mL	GP	EPIA-013
0	Gross lphe	56E-1OM.1E-1O	UIJ	c		1.2E-09	µCi/mL	GP	EPIA-001
0	Lead-212	5.1E-09±3.7E-09				3.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	6.2E-10±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-1.9E-09±8.6E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	8.6E-10±8 2E-10	UI			1.8E-09	µCi/mL	(3P	EPIA-001
0	Potassium-40	4.1E-09±1.7E-08	UI			2. 1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	3.4E-12±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.3E-09±1.5E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-6.6E-09±1.2E-08	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	5.8E-10±1.1E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	0.0E+00	UI			9.2E-08	µCi/mL	GP	EPIA-013
0	Tin-113	-5.4E-10±1.6E-09	UI			28E-09	µCi/mL	GP	EPIA-013
0	Tritium	1.3E-06±3.5E-07				53E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-5.2E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.9E-10±2.5E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-7.0E-10±2.5E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013

WELL HAA 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/95
Depth to water: 16.25 ft (4.95 m) below TOC
Water elevation: 276.65 ft (84.32 m) msl
pH: 4.5
Sp. conductance: 30 µS/cm
Turbidity: 1 NTU
Water evacuated from the wall prior to sampling: 15 gal

Time: 12:40
Water temperature: 22.7-C
Air temperature: 33.8°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Meth
O	Nitrate-nitrite as nitrogen	260				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3.540				100	µg/L	GE	EPA601oA
0	Actinium-228	4.7E-09±6 1E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013,
O	Antimony-124	2.2E-10±2.2E-09	UI			4.02-02	µCi/mL	GP	EPIA-013
0	Antimony-125	.2.5E-09*52E-02	UI			8.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-9.2E-11±2 3E-09	UI			39E-02	µCi/mL	GP	EPIA-013
0	Cerium-144	-4.4E-09±1.3E-08	UI			23E-06	µCi/mL	GP	EPIA-013
0	Cesium-134	-1 2E-09±1 9E-09	UI			26E-02	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.0E-10±1.9E-09	UI			33E439	µCi/mL	GP	EPIA-013
o	Cobalt-57	-9.5E-10±1.8E-09	UI			26E-02	µCi/mL	GP	EPIA-013
O	Cobalt-56	1,4 E-10*2.1E-O2	UI			36E@2	µCi/mL	GP	EPIA-013
o	Cobalt-60	-1 1E-09±2 0E-09	UI			34E 09	µCi/mL	GP	EPIA-013
o	ium-152	-3.5E- 10*56E-09	UI			96E-09	µCi/mL	GP	EPIA-013

Well HAA 20 collected on 07/27/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Europium-154	9.1E-09±1.9E-08	UI			3 6E-08	µCi/mL	GP	EPIA-013
o	Europium-155	-8.7E-10±7.4E-09	UI			12E-06	µCi/mL	GP	EPIA-013
O	Gross lphe	3.5E-10±5 8E-10	UIJ	c		1 3E-09	µCi/mL	GP	EPIA-001
0	Lead-212	64E-02*3 6E-09	UI			67E-03	µCi/mL	GP	EPIA-013
0	Manganese-54	1 0E-09±2 0E-09	UI			38E@	µCi/mL	GP	EPIA-013
0	Neptunium-239	1 9E-09±1.3E-08	UI			22E-06	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	1.4E-1W6.5E-1O	UIJ	c		1 5E-09	µCi/mL	GP	EPIA-001
o	Potassium-40	3.6E-08±2.2E-08	UI			4.8E-08	µCi/mL	GP	EPIA-013
o	Promethium-144	96E-1OA1.7E-O9	UI			32E-02	µCi/mL	GP	EPIA-013
o	Promethium-146	9.0E.10A2.3E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-2.3E1O*1.7E-O6	UI			3 0E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.4E-10±1.6E-09	UI			2 9E-09	µCi/mL	GP	EPIA-013
o	Thorium-234	2.IE-06:18E-07	UI			1 8E-07	µCi/mL	GP	EPIA-013
0	Tin-113	7.2E-10a26E-06	UI			46E-02	µCi/mL	GP	EPIA-013
1	Tritium	1.7E-05±1.0E-06				7.6E-07	µCi/mL	GP	EPIA-002
o	Yttrium-ee	-S.SE-104.3E-O2	UI			42E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	4.8E-10±3.8E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1.4E-09±6.0E-09	UI			6.4E-09	µCi/mL	GP	EPIA-013

WELL HAA 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 07/27/95
Depth to water: 99.85 ft (3.43 m) below TOC
Water elevation: 175.65 ft(53.6 m) msl
pH: 6.5
Sp. conductance: 72 µS/cm
Turbidity: o NTU
Water evacuated from the well prior to sampling: 59 gal

Time: 11:46
Water temperature: 22.6°C
Air temperature: 30.5°C
Alkalinit22 mg/L
Phenolphalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Cyanide	<20				20	µg/L	GE	EPA335 3
0	Nitrate-nitrite as nitrogen	110				100	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	130				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	7,220				100	µg/L	GE	EPA6010A
0	Actinium-228	7.6E-09±9.7E-09	UI			1 8E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-3.0E-09±8 1E-09	UI			5.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-4 2E-0W76E-02	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Barium-133	-1.8E-10±4.1E-09	UI			7.0E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.4E-09±1.9E-08	UI			3 1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.0E-09±6.1E-09	UI			45E-02	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.7E-10±2.8E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.6E-09±3.8E-09	UI			37E-06	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.9E-09±3.3E-09	UI			5.4E-09	µCi/mL	GP	EPIA-013
0	cobalt-60	-2.5E-09±2.7E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.1E-08±9.6E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Europium-154	1.8E-08±2.5E-08	UI			4.8E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.9E-09±8.3E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	9.1E-11±4.3E-10	UI			1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	6.4E-09±9.4E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Manganese-54	2.5E-09±2.7E-09	UI			52E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-9.4E-10±1.5E-08	UI			26E-06	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.5E-10±7.0E-10	UIJ	c		1.7E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	4.9E-08±3.1E-08				4.5E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.3E-10±2.8E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Promathkml-146	6.5E-10±3.4E-09	UI			: 1E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-4.7E-09±2.3E-08	UI			8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.7E-09±2.6E-09	UI			5 0E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	4.0E-08±1.3E 07	UI			1 9E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1 7E-09*42E4N	UI			74E-02	µCi/mL	GP	EPIA-013
0	Tritium	6.5E-09±2.6E-07	UI			45E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-4.8E-10±1.5E-09	UI			2 7E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	45E-0%5 8E-09	UI			1 1E-08	µCi/mL	GP	EPIA-013
0	Zirconium-95	52E-09*5 5E-09	UI			1 0E-08	µCi/mL	GP	EPIA-013

WEL_ HAA 3AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sampl dale: 07/27/95
Depth to waler: 101.34 ft (30.89 m) below TOC
Water elevation: 175.16 ft (53.39 m) msl
pH: 6.6
Sp. conductance: 118 µS/cm
Turbidity: O NTU
Water evacuated from the well prior to sampling: 66 gal

Time: 12:51
Water temperature: 22°C
Air temperature: 32 8°C
Alkalinity:39 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	a	A	B	SOL	Unit	Lab	Method
o	Barium. total recoverable	37		V		3.0	µg/L	GE	EPA601OA
0	Cyanide	< 20				20	µg/L	GE	EPA3353
0	Lead, total recoverable .	<5 0				5 0	µg/L	GE	EPA601oA
2	Manganese, total recoverable	60				2.0	µg/L	GE	EPA601oA
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601oA
0	Nitrate-nitrite e s nitrogen	<1oo				100	µg/L	GE	EPA353.1
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	2,770				100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2.720				100	µg/L	GE	EPA601oA
0	Actinium-228	1.4E-08±71E-09	UI			1 sE-os	µCi/mL	GP	EPtA-013
0	Antimony 124	9 SE- 11±2.4E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	0.0E+00	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1 .5E-09±2.7E-09	In			4.0E-09	µCi/mL	GP	EPIA-013
0	Cerium- 144	-1 .0E-08±1.4E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Cesium- 134	-8.3E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.2E-09±1.9E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.3E-09±1.7E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	27E- 10±2.2E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.1 E-1 OA2.0E-06	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Europium 152	4. 5E-09±4.8E-09	UI			9.0E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.8E-08±1.7E-08	UI			2.5E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3 9E-09±7.6E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross @ @ha	1.5E-09±8.6E-10				1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	3.7E-09±5.7E-09	UI			72E.06	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.0E-09±2.0E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	2.0E-11±1.3E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.OE-*9.6E-1O	J	c		1.8E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	23E-m*2.2E-06	UI			4 sE-06	µCi/mL	GP	EPIA-013
0	Promethium- 144	2.3E-09±1.9E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Promethium- 146	8.6E-10±2.5E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-1 06	1.5E-08±1.6E-08	UI			3.2E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	92E-10a2.W-06	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	0.0E+00	UI			1.8E-07	µCi/mL	(3P	EPIA-013
o	Tin-113	-5.0E-10±2.5E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Tritium	-2. 5E-07±2.6E-07	UI			46E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-8.9E-11±2.3E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.6E-1OA.8E-O6	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1 .4E-09±4.2E-09	UI			7.3E-09	µCi/mL	GP	EPIA-013

WELL HAA 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample free: 07127195
Depth to waler: 34.47 ft (10.51 m) babw TOC
Water elevation: 240.63ft (73.34 m) msl
pH:5.3
Sp. conductance: 23 µS/cm
Turbidity: 0 NTU
Water evacuated from the watt prior 10 sampling: 122 gal

Time: 11:07
Water temperature: 21 .3°C
Air temperature: 27.5°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	230				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	2,460				100	µg/L	GE	EPA601oA
O	Actinium-228	-1 .7 E-09±9.7E-09	UI			1.7E-08	µCi/mL	GP	EPIA-013
O	Antimony-124	-5.6E-10±7.5E-09	UI			5.7E-09	µCi/mL	GP	EPIA-013
o	A n t imony-12s	5.6E-09±7.7E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Barium-133	-0.SE-11 @ 36E-02	UI			67E:02	µCi/mL	GP	EPIA-013
0	Cerium-144	. 1.7E-08±3.6E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
o	Cesium- 134	4.3E-1 1*32E-02	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Cesium- 137	1 9E-0S:26E-06	UI			49E-02	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.5E-10±2.2E-09	UI			37E-02	µCi/mL	GP	EPIA-013
O	Cobalt-58	-1 .7 E-06*3. 1E-09	UI			S 2E-09	µCi/mL	GP	EPIA-013

Well HAA 3B collected on 07/27/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Cobalt-60	-2 3E-10±2 4E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
O	Europium - 152	-3.3E-09±8.9E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
O	Europium- 154	1.4E-08±2 8E-08	UI			s 1E-08	µCi/mL	GP	EPIA-013
O	Europium- 155	1.1E-09±7 5E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
O	Gross alpha	3.9E-10±6.2E-10	UIJ	c		1 4E-09	µCi/mL	GP	EPIA-001
O	Lead-212	92E-06*6 2E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
O	Manganese-54	5.6E-10±2.7E-09	UI			4.9E-09	µCi/mL	(3P	EPIA-013
O	Neptunium-239	-5.5E-09±1 7E-08	UI			2.5E-08	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	1 4E-09±8 1E-10	UIJ	c		1 6E-09	µCi/mL	GP	EPIA-001
O	Potassium-40	7.0E49:23E08	UI			43E-06	µCi/mL	GP	EPtA.013
O	Promethium. 144	5.4E-11±2.6E-09	UI			46E-09	µCi/mL	GP	EPIA-013
O	Promethium-146 .	.7.6E-10*3.5E-O2	UI			6 1E-09	µCi/mL	GP	EPIA-013
O	Ruthenium-106	6.7E-09±2.6E-08	UI			46E-W	µCi/mL	GP	EPIA-013
o	sodium-22	-1.3E-09±2.6E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
O	Thorium-234	3 0E-08± 1 0E-07	UI			1.8E-07	µCi/mL	GP	EPIA-013
O	Tin-113	8 5E-10±4 1E 09	UI			72E-02	µCi/mL	GP	EPIA-013
0	Tritium	32E-07*2 7E 07	UI			45E-07	µCi/mL	GP	EPIA-002
o	Yttrium-88	3.5E-10±1.4E-09	UI			24E-03	µCi/mL	GP	EPIA-013
O	Zinc-65	.4 0E-10±6.0E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
O	Zirconium-95	-2.4E-1O*58E@2	UI			9.9E-09	µCi/mL	GP	EPtA-013

WELL HAA 3C

MEASUREMENTS CONDUCTED IN THEFIELD

Sample date: 07/27/S5
Depth to waler: 30.62 ft (9.39 m) below TOC
Water elevation: 243.48ft (74.21 m) msl
pH: 5.3
Sp. conductance: 23 µS/cm
Turbidity: 14 NTU
Water evacuated from the watt prior to sampling: 54 gal

Time: 9:48
Water temperature: 21 .3°C
Air temperature: 26.5°
Alkalinity: 4 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
O	Nitrate-nitrite e s nitrogen	15	J	E		60	µg/L	WA	EPA353.2
o	Sodium, total recoverable	2,500				100	µg/L	GE	EPA601oA
O	Sodium, total recoverable	2,410		V		4.7	µg/L	WA	EPA200.7
o	Actinium-228	3.7E-1W98E-06	UI			1.8E-08	µCi/mL	GP	EPIA-013
o	Actinium-228	7.7E-m96E-06	UI			1.8E-08	µCi/mL	TM	EPA901.1M
O	Actinium-228	3.6E-09±9.8E-09	UI			1.8E-08	µCi/mL	TM	EPA901.1M
O	Antimony-124	-2.5E-09±3.8E-09	UI			62E-06	µCi/mL	GP	EPIA-013
0	Antimony-124	1.3E-09±2.7E-09	UI			43E-06	µCi/mL	TM	EPA901.1M
0	Antimony-124	-1.4E-09±3.4E-09	UI			4.8E-09	µCi/mL	TM	EPA901.1M
o	Antimony-125	2.4E-09±7.5E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
o	Antimony-125	4.8E-09±8.5E-09	UI			1.2E-08	µCi/mL	TM	EPA901 1M
o	A n timony-125	2.5E-0%68E-06	UI			1.2E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	2.9E-10±4.7E-09	UI			68E-02	µCi/mL	GP	EPIA-013
0	Barium-133	1.3E-09±3.3E-09	UI			5.1E-09	µCi/mL	TM	EPA901.1M
O	Barium-133	7.4 E- 10±3.3E-09	UI			5.7E-09	µCi/mL	TM	EPA901.1M
o	Cerium-144	-3.1E-08±5.4E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
o	Cerium-144	-2.2E-08±1.4E-08	UI			2.3E-08	µCi/mL	TM	EPA901 1M
o	Cerium-144	-8.1E-09±1.4E-08	UI			24E-06	µCi/mL	TM	EPA901.1M
o	Cesium-134	5.7E-104.7E-O2	UI			4.8E-09	µCi/mL	GP	EPIA-013
o	Cesium-134	8.3E-10±2.7E-09	UI			4.2E-09	µCi/mL	TM	EPA901.1M
o	Cesium- 134	-5.0E-11±3.1E-09	UI			4.7E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	92E-1W2.6E-06	UI			4 SE-OS	µCi/mL	GP	EPIA-013
o	Cesium-137	6. SE- 10±2.7E-09	UI			4.8E-09	µCi/mL	TM	EPA901.1M
O	Cesium-137	-7.3E-10±2.8E-09	UI			4.8E-09	µCi/mL	TM	EPA901.1M
O	Cobalt-57	86E-l@.2 9E-09	UI			39E-02	µCi/mL	GP	EPIA-013
O	Cobalt-57	S.OE-10A1.IJE-02	UI			3 1E-09	µCi/mL	TM	EPA901.1M
o	Cobalt-57	-1 .4E-09±1.7E-09	UI			29E@6	µCi/mL	TM	EPA901.1M
o	Cobalt-58	1.4 E-09±3.5E-09	UI			62E49	µCi/mL	GP	EPIA-013
O	Cobalt-58	-9.4E-10Q.7E-09	UI			4 5E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	1.7E-10±3 2E-09	UI			49E49	µCi/mL	TM	EPA901.1M
o	Cobalt-60	73E-Im2 6E-09	UI			42EQ3	µCi/mL	GP	EPIA-013
o	Cobalt-60	5.2 E-10±2.8E-09	UI			5.1E-09	µCi/mL	TM	EPAsol 1M
o	cobalt-so	-1 1E-10±2 9E-09	UI			52E.02	µCi/mL	TM	EPA901.1M
O	Europium-1 S2	-1 .6E.02*86E-09	UI			1 5E-08	µCi/mL	GP	EPIA-013
O	Europium- 1S2	37E-I&I 7E-08	UI			32EOB	µCi/mL	TM	EPA901 1M
O	Europium- 152	74E-Iw1 6E-08	UI			30E08	µCi/mL	TM	EPA901 1M
0	Europium-154	2.5E-09±2.5E-08	UI			4 sE-os	µCi/mL	GP	EPIA-013
O	Europium-154	-2.2E.0%76E4M	UI			1 3E 06	µCi/mL	TM	EPA901 1M
0	Europium-154	2.8E-09±8.4E-09	UI			1 4E 08	µCi/mL	TM	EPA901 1M
O	Europium 155	-4 5E-09±89E-09	UI			1 3E-08	µCi/mL	GP	EPIA-013

Well HAA 3C collected on 07/27/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Europium-155	-1.4E-08±49E-09	UI			77E-09	µCi/mL	TM	EPA901 1M
0	Europium-155	33E-02*5 0E-09	UI			7 8E-09	µCi/mL	TM	EPA901 1M
0	Gross alpha	1 3E-09±8 1E-10	UIJ	c		1 3E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	7oE. IO*9OE-10	UI			? 5E-10	µCi/mL	TM	EPA900 OM
0	Gross alpha	1.5E-09±1.0E-09	J		L	74E-10	µCi/mL	TM	EPA900.0M
0	Iodine-129	.38E-~*1 4E-08	UI			19E-08	µCi/mL	TM	EPA901 1M
0	Iodine-129	-3 7E-08±15E-08	UI			20E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	8 2E-09±6 1E-09	UI			1 1E-08	µCi/mL	GP	EPIA-013
0	Lead-212	3 7E02~72E-09	UI			67E02	µCi/mL	TM	EPA901 1M
0	Lead-2 12	6 1E-09±3 9E 02	UI			72E-06	µCi/mL	TM	EPA901 1M
0	Manganese-54	1 2E-09±2.6E-09	UI			49E-02	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.9E-09±2.7E-09	UI			4 1E-09	µCi/mL	TM	EPA901 1M
0	Manganese-54	22E-09:2 7E-09	UI			5 0E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-239	25E-09*1 6E-08	UI			26E4)6	µCi/mL	GP	EPIA-013
0	Neptunium-239	7.7E-09±9.6E-09	UI			18E-08	µCi/mL	TM	EPA901 1M
0	Neptunium-239	-6 1E-08±7.0E-08	UI			1 2E-07	µCi/mL	TM	EPA901 1M
0	Nonvolatile beta	1 OE.06:83E-10	UIJ	c		1.7E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4 0E-10±13E-09	UI			6.2E-10	µCi/mL	TM	EPA900 0M
0	Nonvolatile beta	1 8E-09±14E-09	J		L	6 9E-10	µCi/mL	TM	EPA900.0M
0	Potassium-40	7.3E-08±3 6E-08				4.5E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	5.1E-08±2 9E-08	UI			6.3E-08	µCi/mL	TM	EPA901 1M
0	Potassium-40	2.7E-06*28E-06	UI			58E-06	µCi/mL	TM	EPA901 1M
0	Promethium-144	1. 1E-09±2.6E-09	UI			46E-06	µCi/mL	GP	EPIA-013
0	Promethium-144	2.8E-~37E@2	UI			47E-02	µCi/mL	TM	EPA901 1M
0	Promethium-144	1 2E-02A26E@6	UI			4.6E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	3.2E-09±3.4E-09	UI			64E.02	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.6E-10±3.0E-09	UI			5 1E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	-3 2E-09±3.2E-09	UI			5.2E-09	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	-2.6E-09±2.5E-08	UI			44E-06	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-5.9E-09±2.7E-08	UI			4 0E-08	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	-1 2E-08±2.4E-08	UI			4.0E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	-7.3E-11±3.1E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.4E-10±2.7E-09	UI			4.6E-09	µCi/mL	TM	EPA901.1M
0	Sodium-22	1.0E-09±3.0E-09	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Thorium-234	1.3E-07±1.4E-07	UI			1.7E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	2.4E-08±4.9E-08	UI			5.4E-08	µCi/mL	TM	EPA901.1M
0	Thorium-234	1.8E-08±5.0E-08	UI			5 1E-08	µCi/mL	TM	EPA901.1M
0	Tin-113	-1 9E-09±4.2E-09	UI			7.0E-09	µCi/mL	GP	EPIA-013
0	Tin-113	-1.6E-m*32E-02	UI			5.4E-09	µCi/mL	TM	EPA901.1M
0	Tin-113	-9.0E-10±3.0E-09	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Tritium	-2.1E-07±2.6E-07	UI			46E-07	µCi/mL	GP	EPIA-002
0	Tritium	-1.4E-07±2.6E-07	UI			5.0E-07	µCi/mL	TM	EPA906.0M
0	Tritium	-3.3E-07±2.4E-07	UI			5.0E-07	µCi/mL	TM	EPA906.0M
0	Yttrium-88	-1 .2E-09±1.7E-09	UI			2.7E-06	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.7E-09±2.2E-09	UI			4.6E-09	µCi/mL	TM	EPA901.1M
0	Yttrium-88	2. OE-1OA4E-O6	UI			42E-02	µCi/mL	TM	EPA901.1M
0	Zinc-65	1.5E-09±5 9E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	zinc-65	2.3E-09±5.7E-09	UI			1.0E-08	µCi/mL	TM	EPA901.1M
0	Zinc-65	2.6E-09±6.1E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-4.3E-10±5.6E-09	UI			9 8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	.4oE.1o*S.1E-O3	UI			87E-09	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-5.6E-10±4.8E-09	UI			8.3E-09	µCi/mL	TM	EPA901.1M

WELL HAA 3C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/95 Time: 948
Depth to water: 30.62 ft (9.39 m) below TOC
Water elevation: 243.48 (74.21 m) msl
pH: 5.3
Sp. conductance: 23 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 54 gal
Water temperature: 21 .3°C
Air temperature: 26.5°C
Alkalinity: 4 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353 1
0	Nitrate-nitrite e a nitrogen	18	J	E		60	µg/L	W A	EPA353.2
0	Sodium, total recoverable	2,440				100	µg/L	GE	EPA601oA
0	Sodium, total	2,420		v		4.7	µg/L	WA	EPA200.7
0	Actinium-228 recoverable	33E-0S*6 8E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	2.4E-06*96E-09	UI			1.7E-06	µCi/mL	TM	EPA901 1M
0	Antimony-124	1. 1E-10±2.3E-09	UI			43E-02	µCi/mL	GP	EPIA-013
0	Antimony-124	-1 .5E-0%33 E-02	UI			46E-09	µCi/mL	TM	EPA901.1M

Well HAA 3C collected on 07/27/25 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Antimony. 125	2.0E-09±5.2E-09	UI			9.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1 7E-09±6 7E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	-5,1 E-104 .4E.O2	UI			402:02	µCi/mL	GP	EPIA-013
0	Barium. 133	9. 7E-10±3.2E-0S	UI			562-02	µCi/mL	TM	EPA901.1M
0	Cerium-144	-2 4E-10±1.2E-08	UI			22E-06	µCi/mL	GP	EPIA-013
0	Cerium-144	-1 3E-08±1.4E-08	UI			2.3E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-1.2E-09±1.8E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	4 5E-10±3 0E-09	UI			46Em2	µCi/mL	TM	EPA901.1M
0	Cesium-137	1 3E-09±2 0E-09	UI			39E-02	µCi/mL	GP	EPIA-013
0	Cesium-137	1.6E-09±2.8E-09	UI			s 1E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-I3.6E.1O*1.7E-O9	UI			29E-02	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.6E-10±1.7E-09	UI			3 0E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-2.2E-10±2.0E-09	UI			37E-02	µCi/mL	GP	EPIA-013
0	Cobalt-58	2.2E-10±2.6E-09	UI			47E-06	µCi/mL	TM	EPA901.1M
0	Cobalt-60	-1 .3E-09±2.1E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	9.7E-10±2.8E-09	UI			5 2E-09	µCi/mL	TM	EPA901.1M
0	Europium-152	.1 6E-09±5.4E-09	UI			9 1E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1 .1E-08±1.7E-08	UI			2 9E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-4 2E-09±1.7E-08	UI			3 0E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-4 9E-10±6 8E-09	UI			1 2E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-1 2E-09±6.6E-09	UI			1 2E-m	µCi/mL	GP	EPIA-013
0	Europium-155	-1.0E-08±4.8E-09	UI			78E-03	µCi/mL	TM	EPA901.1M
0	Gross alpha	1.1E-09±7.7E-10	UIJ	c		1 3E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	-1 OE.1O*7.OE-10	UI			7 0E-10	µCi/mL	TM	EPA900 0M
0	Iodine-129	-3.9E-10±1.3E-08	UI			2.0E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	1 9E-09±6.3E-09	UI			74E-02	µCi/mL	GP	EPIA-013
0	Lead-212	1.4E-08±6.8E-09	R			64E42	µCi/mL	TM	EPA901.1M
0	Manganese-54	9.3E-10±2.1E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1 7E-09±2.6E-09	UI			48E-02	µCi/mL	TM	EPA901.1M
0	Neptunium-239	1.7E-09±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Neptunium-239	-3.9E-08±7.2E-08	UI			1 2E-07	µCi/mL	TM	EPA901.1M
0	Nonvolatile beta	3 1E-1U7.5E-1O	UIJ	c		1 7E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 4E-09±1.4E-09				6 8E-10	µCi/mL	TM	EPA900.0M
0	Potassium-40	3 0E-08±2.2E-08	UI			47E-06	µCi/mL	GP	EPtA-013
0	Potassium-40	2.3E-06*32E.06	UI			4 1E-08	µCi/mL	TM	EPA901.1M
0	Promethium-144	5 1E-10±1.8E-09	UI			35E-02	µCi/mL	GP	EPIA-013
0	Promethium-144	7.7E-10±2.6E-09	UI			46E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	2.6E-10±2.6E-09	UI			46E-02	µCi/mL	GP	EPIA-013
0	Promethium-146	9.7E-10±3.2E-09	UI			5 6E-09	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	-6.6E-09±1.8E-08	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	6.1E-10±2.3E-08	UI			4.1E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	-8.4E-10±2.1E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	.1.6E.1OQ.4E-O2	UI			4.3E-09	µCi/mL	TM	EPA901.1M
0	Thorium-234	1.1E-07±1.2E-07	UI			1 4E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	1.1E-07±7.0E-08	J		H	5.1E-08	µCi/mL	TM	EPA901.1M
0	Tin-113	-8.6E-10±2.7E-09	UI			46E-02	µCi/mL	GP	EPIA-013
0	Tin-113	1.0E-11±3.1E-09	UI			532-06	µCi/mL	TM	EPA901.1M
0	Tritium	-3.7E-07±2.5E-07	UI			4.6E-07	µCi/mL	GP	EPIA-002
0	Tritium	-6.0E-08±2.8E-07	UI			5.1E-07	µCi/mL	TM	EPA906.0M
0	Yttrium-88	-5 2E-10±2.7E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-7.2E-10±2.3E-09	UI			432-06	µCi/mL	TM	EPA901.1M
0	Zinc-65	4.8E- 1 1±3.6E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Zinc-ss	-1.8E-09±5.6E-09	UI			9 4E-09	µCi/mL	TM	EPA901.1M
0	Zirconium-95	1.8E-10±3.6E-09	UI			6 8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.0E-09±4.8E-09	UI			8.6E-09	µCi/mL	TM	EPA901.1M

WELL HAA 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/95 Time: 8:38
Depth to water: 11.69 ft (3.56 m) below TOC
Waler elevation: 261.9L(79.71 m) msl
pH: 5.6
Sp. conductance: 77 µS/cm
Turbidity 606 NTU
Waler evacuated from the well prior 10 sampling: 12 gal
Waler temperature: 20.3°C
Air temperature: 24.5°C
Alkalinity: 7 mg/L
Phenolphthalein alkalinity: Not ● vailable

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	1,000				100	µg/L	GE	EPA353. 1
O	Sodium, total recoverable	12.100				100	µ g/L	GE	EPA601OA
O	Actinium-228	1.1E-09±9 1E-09	UI			1 7E-08	µ i/mL	G P	EPIA-013
O	Antimony-124	66E.10*6 2E 09	UI			6 6 E @ 9	µCi/mL	GP	EPIA-013
O	Antimony-125	5.4 E-1 1±7.8E-09	UI			1 3E-08	µCi/mL	G P	EPIA-013
O	Barium-133	.1 2E-09±47E-09	UI			6 7E-09	µCi/mL	G P	EPIA-013

Well HAA 3D collected on 07/27/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Cerium-144	-7.3E-09±2.5E-08	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	Caelum.134	20E02*6 2E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.7E-09±6.7E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6 1E.1045E-06	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-3.oE-1o*3.4E.O6	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.9E-09±2.6E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.3E-08±1.2E-08	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-1.4E-09±2 SE-W	UI			4.5E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-7.0E-09±1.0E-08	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	42E-06*9 8E-10	J	c		1.1E-09	µCi/mL	GP	EPIA-001
0	Gross lphe	55E-o&I.OE-06	J	c		8.7E-10	µCi/mL	GP	EPIA-001
0	Lead-212	O. 0E+00	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Manganese-54	-1 5E-06s27E-06	UI			4.6E-09	µCi/mL	GP	EPtA-013
0	Neptunium-239	-6.8E-09±1.9E-08	UI			2 SE-W	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	5.1E-09±1.1E-09	J	c		1.7E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.1E-09±1.0E-09	J	c		1.4E-09	µCi/mL	(3P	EPIA-001
0	Potassium-40	33E-06*2.5E-06	UI			45E-w	µCi/mL	GP	EPIA-013
0	Promethium-144	2.7E-10±2.7E-09	UI			47E-06	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.5E-10±3.6E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.4E-08±2.4E-08	UI			3.9E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.6E-09±3.0E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	5.*-06* 1.3E-07	UI			1.8E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-3.7E-09±4.1E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
1	Tritium	1.7E-05±9.8E-07				8.0E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	2.0S-06:16E-06	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.4E-09±5.8E-09	UI			1.1E-08	µCi/mL	t3P	EPtA-013
0	Zirconium-95	-4.2E-09±5.8E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013

WELL HAA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/95
Depth to water: 126.2 ft (38.47 m) **below TOC**
Water elevation: 174.6 ft (53.28 m) mat
pH: 8.8
Sp. conductance: 192 µS/cm
Turbidity: 1 NTU
Water **evacuated from the watt prior to sampling:** 40 gat

Time: **11:09**
Water temperature: 22.9°C
Air temperature: 32.8°C
Alkalinity: 96 mg/L
Phenolphthalein alkalinity: Not **available**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA6240
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8240
0	Nitrate-nitrite as nitrogen	70	J	E		100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,480				100	µg/L	GE	EPA601oA
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA6240
0	t.1. 1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA6240
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA6240
0	Actinium-228	5.0E-09±4.1E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	-9.5E-10±1.6E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	3.3E-09±4.6E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-9. 1E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	5.4E-09±9.3E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.2E- 10*1 .4E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Caaturm137	6.4 E-1 OA1.1E-09	UI			2.0E-09	µCi/mL	GP	EPtA-013
0	Cobalt-57	8.4E-10±1.1E-09	UI			2 oE-06	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.0E-10±1.3E-09	UI			23E-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.0E-10±1.0E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-5.7E-10±3.3E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	9.7E-09±9.0E-09	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Europium-155	65E-10i4.6E-06	UI			6.0E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	6.5E-1OS65E-1O	UIJ	c		1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	2.1E-09±4.1E-09	UI			47E-06	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.8E-12±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	1.2E-08±1 2E-06	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.9E-09±8.7E-10				1.6E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.5E-09±2.6E-08	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Pornaariurrr-144	.2.4 E-10±1.3E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	3.0E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1 .3E-08±9.7E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	sodium-22	1.5E-09±1.3E-09	UI			23E:09	µCi/mL	GP	EPIA-013
0	Thorium-234	1 IE.07*75E-06				69E.08	µCi/mL	GP	EPIA-013
0	Tin-113	6.0E-10±1.6E-09	UI			29E-09	µCi/mL	GP	EPIA-013
0	Tritium	54E.06*3.IE.07	UI			53E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1 .3E-09±1.3E-09	UI			2.1E-09	µCi/mL	GP	EPIA013

Wdt HAA 4A collected on 07/28/95 (cent)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	zinc-65	- 3 3E-10±2 2E-09	UI			3 9E.06	µCi/mL	GP	EPIA-013
O	Zirconium.95	-5.5 E.1OU.3E-W	UI			4.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 4AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/95
Depth 10 water: 126.25 ft (3S.48 m) **below TOC**
Water elevation: 174.9S ft (53.33 m) mat
pH: Not available
Sp. conductance Not ● vailabta
Turbidity **Not available**
Water evacuated from the **well** prior **to sampling:** 48 get

Time: **11:51**
Water **temperature: Not available**
Air **temperature:** 34.4°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HAA 4AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sarapdate: 07/31/95
Depth to water: 126.06 ft (3S.42 m) bdow TOC
Water ● tavalim: 175.14 ft (53.36 m) **msl**
pH: Not available
Sp. conductance: Not ● vaitabte
Turbidity: **Not** available
Inaccessibility or meet'mnkd **problem** prevented **sample collection.**

Time: **9:25**
Water temperature: Not **available**
Air temperature: Not **available**
Alkalinity: Not available
Phenolphthalein alkalinity: Not **available**

WELL HAA 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/65
Depth to water: 50.49 ft (15.39 m) below TOC
Water elevation: 250.51 ft (76.36 m) **msl**
pH: 8.7
Sp. conductance: 209 µS/cm
Turbidity: 2 NTU
Water evacuated from the welt prior **to sampling:** 60 gal

Time: **13:11**
Water temperature: 23.4°C
Air temperature: 33.3°C
Alkalinity: 96 mg/L
Phenolphthalein **alkalinity: Not available**

ANALYSES

Analyte	Result	R	A	B	SOL	Unit	Lab	Method
Nitrate-nitrite e s nitrogen	230				100	µg/L	GE	EPA353.1
Sodium, total recoverable	3,270				100	µg/L	GE	EPA601oA
Actinium-228	5.3E-09±4 0E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
Antimony-124	2.3E-10±1 7E-09	UI			2 9E-09	µCi/mL	GP	EPIA-013
Antimony125	8.0E-10±3.0E-09	UI			5 3E-09	µCi/mL	GP	EPIA-013
Barium-133	-3.1 E.1O*1.7E-O2	UI			26E-OS	µCi/mL	GP	EPIA-013
Cerium-144	8.9E-09±9.3E-09	UI			1 7E-06	µCi/mL	GP	EPIA-013
Cesium-134	-4 5E-10*1.4E.O9	UI			23E-06	µCi/mL	GP	EPIA-013
Cadum-137	-0.3E-1O*1.2E-O2	UI			1 9E-09	µCi/mL	GP	EPIA-013
Cobalt-57	1. 0E-09±1.3E-09	UI			20E46	µCi/mL	GP	EPIA-013
Cobalt-58	-1.5E-10±1.3E-09	UI			24E06	µCi/mL	GP	EPIA-013
cobalt-so	-1.8E-10±9.4E-10	UI			1 7E-09	µCi/mL	GP	EPIA-013
Europium-152	3.0E-09±3.4E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
Europium-154	-5.5E-09±9.9E-09	UI			1.7E-08	µCi/mL	GP	EPIA-013
Europium-155	4 IE-0w49E-02	UI			88E-06	µCi/mL	GP	EPIA-013
Gross ● @ha	5.5E-1OA7E-1O	UIJ	c		9 6E-10	µCi/mL	GP	EPIA-001
Lead-212	74E- 10*3.9E42	UI			36E06	µCi/mL	GP	EPIA-013
Manganese-54	3.8E-10±1.5E-09	UI			2 1E 09	µCi/mL	GP	EPIA-013
Neptunium-239	1.9E-09±8 6E-09	UI			1 5E-08	µCi/mL	GP	EPIA-013
Nonvolatile beta	15E-09±8.5E- 10	UI			1 7E 09	µCi/mL	GP	EPIA-001
Potassium-40	1.3E-08±2.2E-08	UI			1 8E 08	µCi/mL	GP	EPIA-013
Promethium- 144	-4.5E-10±1.4E-09	UI			1 9E-09	µCi/mL	GP	EPIA-013
Promethium- 146	4.7E-10±1.5E-09	UI			28E 09	µCi/mL	GP	EPIA-013
Ruthenium-106	-1.6E-09±1.2E-08	UI			2 OE 06	µCi/mL	GP	EPIA-013
Sodium-22	92E-10:1 1E-09	UI			2 1E 09	µCi/mL	GP	EPIA-013
Thorium-234	2.7E-08±6.6E-08	UI			69E06	µCi/mL	GP	EPIA-013
Tin-113	-6.3E-1O*1.6E.O9	UI			2 8E 09	µCi/mL	GP	EPIA-013
Tritium	4.4E-06:44E-07				53E 07	µCi/mL	GP	EPIA-002
Yttrium-88	-9 7E-10±1 6E 09	UI			2 3E 09	µCi/mL	GP	EPIA-013
Zinc-65	-1.7 E-09±2.5E 09	UI			4 1E 09	µCi/mL	GP	EPIA-013
Zirconium-95	1 2E 09±2 5E-09	UI			4 2E 09	µCi/mL	GP	EPIA 013

WELL HAA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sompl date: 07/31/95
Depth 10wala~49tt(14.94 m)below TOC
Water elevation: 2518 ft (76 5 m) msl
pH: 6.8
Sp. conductance: 131 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior10sampbg:41 gal

Time: 8:53
Waler temperature: 22.3°C
Air temperature: 24.6°C
Alkalinity: 50 mg/L
Phenolphthaleinralkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Barium, total recoverable	17				3 0	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5 0	µg/L	GE	EPA601OA
0	Manganese, total recoverable	1.4	J	E		2.0	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Nitrate-nitrite e s nitrogen	640				100	µg/L	GE	EPA353.1
0	Nitrate-nitrite e s nitrogen	620				100	µg/L	GE	EPA353.1
0	Silver, total recoverable	<2 0				20-	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2,720				100	µg/L	GE	EPA601oA
0	Sodium, total recoverable	2,040				100	µg/L	GE	EPA6010A
0	Actinium-228	4.0E-09±7.1E-09	UI			1 4E-06	µCi/mL	GP	EPIA-013
0	Antimony- 124	8.3E-12±2.4E-09	UI			44E-02	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.0E-09±5.3E-09	UI			88E.02	µCi/mL	GP	EPIA-013
0	Barium-133	-2.8E-10±2.8E-09	UI			43E-06	µCi/mL	GP	EPIA-013
0	Cerium-144	1.1E-08±1.3E-08	UI			23E-06	µCi/mL	GP	EPIA-013
0	Cesium-134	9.0E-10±1.6E-09	UI			26s-02	µCi/mL	GP	EPIA-013
0	Cesium-137	-9.0E-10*1 .9E-09	UI			32E-06	µCi/mL	GP	EPIA-013
0	Cobalt-57	37E-1%1.6E-06	UI			2 9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	99E- 10*2 4E-09	UI			4 5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.3E-10±1.6E-09	UI			36E.09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.3E-09±5.2E-09	UI			67E-02	µCi/mL	GP	EPIA-013
0	Europium-154	3.6E-10±1.7E-08	UI			32E-06	µCi/mL	(3P	EPIA-013
0	Europium-155	-8.2E-10±7.0E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6.9E- 10:23E- 10	J	c		2.7E-10	µCi/mL	GP	EPIA-001
0	Lead-212	5.8E-09±3.9E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	.5.8 E-10*1 .OE-O2	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	4 9E-09±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2. OE-O6*3.7E-10	J	C		5.4E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	4.1E-09±3.1E-08	UI			4.3E-08	µCi/mL	GP	EPIA-013
0	Pmmamsn-144	-7.1E-10±1.8E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.6E-09±2.6E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-9.9E-10±2.0E-08	UI			3.2E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	2 0E-10±1.9E-09	UI			3 5E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	5.5E-08±1.3E-07	UI			1 5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	7.8E-10±2.8E-09	UI			50E:09	µCi/mL	GP	EPIA-013
0	Total e ctivity	-9.1E-06±5.4E-05	UI			1.5E-06	µCi/mL	EM	301-6-1420
0	Tritium	4 7E-06±4.4E-07				5.3s.07	µCi/mL	GP	EPIA-002
0	Yttrium-88	5.4E-11±2.3E-09	UI			45E-06	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.7E-10±3.8E-09	UI			62E@6	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2.3E-10±4.2E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013

WELL HAA 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale 07/31/95
Depth to water: 30.3 ft (9.24 m) below TOC
Water elevation: 270.4 ft (82.4 m) mat
pH: 4.5
Sp. conductance: 84 µS/cm
Turbidity: 2 NTU
Water evacuated from the watt prior to sampling: 12 gal

lie: 8:02
Water temperature: 24.1 °C
Air temperature: 23.4°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	sot.	Unit	Lab	Method
1	Nitrate-nitrite e s nitrogen	5,150				500	µg/L	GE	EPA353. 1
O	Sodium. total recoverable	2,040				1 0 0	µg/L	GE	EPA6010A
O	Actinium-228	1.3E-08±1.3E-08	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-8.1E-10±2.4E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	8.3E-09±5.5E-09	UI			1 1E-08	µCi/mL	GP	EPIA-013
O	Barium-133	2.3E-09±2.4E-09	UI			42E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.5E-09±1.5E-08	UI			2.5E-08	µCi/mL	GP	EPIA-013
o	Cesium-134	5.1E-10±2.0E-09	UI			32E-cr2	µCi/mL	GP	EPIA-013
O	Cesium-137	-8.5E-11±1 9E-09	UI			34E-09	µCi/mL	GP	EPIA-013
o	cobalt-57	2 7E-10*1 9E-09	UI			32E.09	µCi/mL	GP	EPIA-013

Well HAA 40 collected on 07/31/95 (cont)

F	Analyte	Result	R	A	B	sol.	Unit	Lab	Method
o	cobalt-se	73E- 10i22E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1 6E-09±2.1E-09	UI			42E-06	µCi/mL	GP	EPIA-013
O	Europium-152	1 7E@9*52E-09	UI			96E-09	µCi/mL	GP	EPIA-013
O	Europium-154	1.2E-08±1.8E-08	UI			33E-06	µCi/mL	GP	EPIA-013
0	Europium- 155	-3.7E-09±7.8E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6.7E-09±1.6E-09	J	C		1.4E-09	µCi/mL	GP	EPIA-001
O	Lead-212	0.0E+00	UI			72E-09	µCi/mL	GP	EPIA-013
O	Manganese-54	-2.5E-1O*.OE.O2	UI			35E-06	µCi/mL	GP	EPIA-013
0	Neptunium-239	1.8E-08±2.1E-08	UI			25E.06	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.7E-08±1.8E-09				1 8E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.2E-08±2.7E-08				29E-W	µCi/mL	GP	EPIA-013
O	Promethium-144	-5.OE.1O4.W-O2	UI			33E-09	µCi/mL	GP	EPIA-013
O	Promethium. 146	2.4E-0S:24E-09	UI			46E-09	µCi/mL	GP	EPIA-013
0	Ruthenium- 106	1.3E-08±2.0E-08	UI			37E-06	µCi/mL	GP	EPIA-013
0	Sodium-22	-1. 1E-09±1.6E-09	UI			2 8E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	1.7E-07±1.1E-07	UI			1 8E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1 8E-09±2.3E-09	UI			4 5E-09	µCi/mL	GP	EPIA-013
2	Tritium	6 1E-05±3.1E-06				1 5E-08	µCi/mL	GP	EPIA-002
0	Yttrium-88	1. 1E-09±2.0E-09	UI			40s:09	µCi/mL	GP	EPIA-013
0	Zinc-65	-4 6E-09±4.1E-09	UI			65E-06	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.4 E-09*4 .4E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013

WELL HAA 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Same date: 09/28/95
Depllo water: 120.64 ft (36.77 m) below TOC
Water elevation: 180.46 ft (55 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 12:03
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HAA 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/95
Depth to water: 25.23 ft (7.69 m) below TOC
Water elevation: 275.47 ft (83.98 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem preventad sample collection.

Time: 12:04
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HAA 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/95
Depth to wider: 102.25 ft (31.1 7 m) below TOC
Waler elevation: 179.05 ft (54.S6 m) msl
pH: 6.9
Sp. conductance: 123 µS/cm
Turbidiv: 17 NTU
Water évacuated from the wall prior to sampling: 50 gal

Time: 12:12
Water temperature: 23.3°C
Air temperature: 30.7°C
Alkalinity: 54 mg/L
Phanolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrda-nitrite as nitrogen	150				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	6,710				100	µg/L	GE	EPA601oA
0	Actinium-228	2.4E-09±7 0E-09	UI			1 3E-08	µCi/mL	GP	EPIA-013
0	Antimony- 124	35E. 10±2.5E-09	UI			45E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	3.8 E-09* 5.1E-09	UI			97E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-9.0E-10±2.7E-09	UI			39E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	3.1E-09±1.3E-08	UI			2 3E 0 6	µCi/mL	GP	EPIA-013
0	Cesium- 134	.?. 1E-09±1.8E-09	UI			2 9E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	76E-09+3 3E-09				3 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 4E-09±1 6E-09	UI			3 0E Q 9	µCi/mL	GP	EPIA-013
0	Cobalt-58	36E-09&2 9E-09				3 4E-09	µCi/mL	GP	EPIA-013
0	cobalt-60	2.8E-10±2.3E-09	UI			3 6E-09	µCi/mL	GP	EPIA-013
0	Europium- 152	-1.4 E-09±6.4E-09	UI			94E 09	µCi/mL	GP	EPIA 013
0	Europium-154	1 6E-12±1.6E-08	UI			3 1E Ott	µCi/mL	GP	EPIA 013
0	Europium-t 55	-3.0E-09±7.9E-09	UI			1 2E-08	µCi/mL	G P	EPIA 013
0	Gross alpha	8 3E-10±6 9E-10	UIJ	C		1 2E 09	µCi/mL	GP	EPIA 001

Well H. :ollected on 07/3 1/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Me
0	Lead-212	1 6E09:49E 09	UI			52E09	µCi/mL	GP	EPIA-013
0	Manganese-54	19E 09±21E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	60E 09±12E-08	UI			2 1E 08	µCi/mL	GP	EPIA 013
0	Nonvolatile beta	1 6E09±8 6E-10				1 6E 09	µCi/mL	GP	EPIA 001
0	Potassium-40	8 4EW*26E-06	UI			3 7E 08	µCi/mL	GP	EPIA-013
0	Promethium 144	o 0E+00	UI			33E-09	µCi/mL	GP	EPIA-013
0	Promethium- 146	-1 6E-09±2.1E-09	UI			36E09	µCi/mL	GP	EPIA-013
0	Ruthenium- 106	63E-09:1 9E-08	UI			35E.08	µCi/mL	GP	EPIA-013
0	sodium-22	-1.7E-09±1.8E-09	UI			29E06	µCi/mL	GP	EPIA 013
0	Thorium-234	10207:862.06	UI			1 5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1,7E-09±2.6E-09	UI			46E-06	µCi/mL	GP	EPIA-013
0	Tritium	-1 5E-07±3 0E-07	UI			53E-07	µCi/mL	GP	EPIA 002
0	Yttrium-88	-2.OE-1O43E.06	UI			4 5E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	9.9E-10±4.1E-09	UI			7 8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-4 4E-10e38E-02	UI			6 8E-09	µCi/mL	GP	EPIA-013

WELL HAA 6AA '

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/95
Depth to waler: 102.75 **ft** (31 .32 m) below TOC
Water elevation: 176.65 **ft** (54.45 m) **msl**
pH: 6.9
Sp. conductance: 152 **µS/cm**
Turbidity: 1 NTU
Water evacuated **from** the well prior 10 **sampling:** 72 gal

Time: 12:53
Water temperature: 22.5°C
Air temperature: 33°C
Alkalinity: 57 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	7,970				100	µg/L	GE	EPA601OA
0	Actinium-228	-2. 1E-09±9.3E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Antimony- 124	-5.1E-09±9.1E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-8.7E-09±7.9E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Barium-133	1.4E-09±4.0E-09	UI			6.9E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	8.0E-09±2.5E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.6E-10±3.3E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.4E-09±2.7E-09	UI			49E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.3E-09±3.3E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-9.6E-11±3.0E-09	UI			5.3E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2. 1E-09±2.7E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.2E-08±9.3E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Europium-154	2.6E-08±2.7E-08	UI			5.2E-08	µCi/mL	GP	EPIA-013
0	Europium- 1SS	-4.6E-09±1.0E-08	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6.6E-10±7.3E-10	UIJ	c		1.4E-09	µCi/mL	GP	EPIA-001
0	Lead-212	5.9E-09±6.1E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Manganese-54	-7.4E-10±2.7E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4.8E-09±1.7E-08	UI			2.5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.6E--9.3E-1O				1 6E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.4E-08±2.6E-08	UI			4 SE-w	µCi/mL	GP	EPIA-013
0	Prornaurkmr-144	8.9E-10±2.6E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.5E-10±3.6E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-3. 1E-09±2.3E-08	UI			4.1E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.2E-09±2.8E-09	UI			5.3E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	2.0E-08±1.9E-07	UI			1.7E-07	µCi/mL	GP	EPIA-013
0	Tin-113	2.5E-10±4.1E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
0	Tritium	-2.4E-07±3.0E-07	UI			5.3E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-6.7E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.7E-09±6.3E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Zirconium-95	3.4E-09±6.1E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013

WELL HAA 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: **08/01/95**
Depth to water: 45.19 **ft** (9.77 m) below **TOC**
Water elevation: 235.81 **ft**(71.88 m) **msl**
pH: 8.7
Sp. conductance:
Turbidity: 23 NTU 109 **µS/cm**
Water evacuated from **the well** prior to **sampling:** 45 gal

Time: 12:26
Water temperature: 22.1 °C
Air temperature: 31°C
Alkalinity: 41 mg/L
Phenolphthalein alkalinity: **Not available**

Well HAA **6B** collected on 06/01/95 (cont)

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Cyanide	<20				20	µg/L	GE	EPA335.3
0	Nitrate nitrite as nitrogen	1,230				100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5 o				5.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	8,400				100	µg/L	GE	EPA601OA
0	Actinium-228	3 IE-09:53E-09	UI			1 0E-08	µCi/mL	GP	EPIA-013
0	Antimony- 124	1 5E.0W22E-09	UI			39E-06	µCi/mL	GP	EPIA-013
0	Antimony .125	4 2E-06*46E43	UI			74E-02	µCi/mL	GP	EPIA-013
0	Barium.133	1.2E-09±2.2E-09	UI			35E-06	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.5E-09±1.2E-08	UI			2 0E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1 8E-10±18E-09	UI			27E-06	µCi/mL	GP	EPIA-013
0	Cesium-137	1 4E-10±16E-09	UI			28E-06	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 8E-09±1 SE-66	UI			27E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1 0E-09±2.0E-09	UI			36E-09	µCi/mL	GP	EPIA-013
o	Cobalt-60	1.7E-09±1.9E-09	UI			26E-06	µCi/mL	GP	EPIA-013
0	Europium- 1s2	-2 0E-09±4 5E-09	UI			7 8E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-5.8E-09±1.4E-08	UI			2 5E-08	µCi/mL	GP	EPIA-013
0	Europium-155	26E-09:6.3E-06	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross @ @tra	1.4 E-O6*3.1E-1O	J	c		3 1E-10	µCi/mL	GP	EPIA-001
0	Lead-212	1.1E-09±4.7E-09	UI			8 1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.2E-10±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	95E-06s1 2E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.6E-09±3.6E-10	J	c		5.4E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	3.6E-08±2.9E-08				2.2E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.5E-11±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Promethium- 146	1.0E-09±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-4. SE-02* 1.4E-08	UI			24E-06	µCi/mL	GP	EPIA-013
0	Sodium-22	1.7E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	33E-06* 1.3E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	6.OE-10s22E-09	UI			36E-06	µCi/mL	GP	EPIA-013
0	Tritium	1.8E-06±3.7E-07				5.4E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.7E-10±2 0E-09	UI			36E-06	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.1E-09±3.8E-09	UI			5 SE-06	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.4E-10±3.3E-09	UI			57E-06	µCi/mL	GP	EPIA-013

WELL HAA 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: **08/01/95**
Depth to waler: **44.8 ft** (13.66 m) **below** TOC
Water elevation: 236 **ft** (71 .93 m) **msl**
pH: 7.3
Sp. conductance: 173 **µS/cm**
Turbidity: 8 NTU
Water evacuated from the wall **prior to** sampling 30 gal

Time: 11:51
Water temperature: 21.1 "C
Air temperature: 31 .6°C
Alkalinity: 78 mg/L
Phenolphthsfain alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	510				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,2s0				100	µg/L	GE	EPA6010A
0	Actinium-228	4 SE-09*56E-06	UI			1 1E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	1.1E-09±2.0E-09	UI			36E-06	µCi/mL	GP	EPIA-013
0	Antimony-125	1 6E-0W49E-09	UI			72E-06	µCi/mL	GP	EPIA-013
0	Barium-133	1 2E-1os2 1E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.1E-09±1 0E-08	UI			1 8E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	7.8E-10±1.6E-09	UI			26E-03	µCi/mL	GP	EPIA-013
0	Cesium-137	4.2E-10±1.6E-09	UI			29E-06	µCi/mL	GP	EPIA-013
0	Cobalt-57	1 8E-09±1.5E-09	UI			25E-02	µCi/mL	GP	EPIA-013
0	Cobalt-58	3 0E-09±1.8E-09				29E-03	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.3E-09±1.5E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Europium-152	5.1E-10±4.2E-09	UI			7 2E-09	µCi/mL	GP	EPIA-013
0	Europium-154	7.9E-09±1.4E-08	UI			24E-06	µCi/mL	GP	EPIA-013
0	Europium-155	-3.0E-09±8.0E-09	UI			9 6E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	24E-1W.4E-1O	UIJ	c		39E-10	µCi/mL	GP	EPIA-001
0	Led-212	0.0E+00	UI			54E-03	µCi/mL	GP	EPIA-013
0	Manganese-54	2.7E-10±1 6E-09	UI			2 5E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	72E-09tl 1E-08	UI			1 8E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	63E-10*3 6E-10	J	C		S 9E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	2.4E-08±3.3E-08	UI			2 2E-08	µCi/mL	GP	EPIA-013
0	Promethium- 144	-3.3E - 10±1.6E-09	UI			2 7E-09	µCi/mL	(3P	EPIA-013
0	Promethium-146	1 0E-10±19E-09	UI			3 3E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 2E-08±14E-08	UI			2 7E-08	µCi/mL	GP	EPIA-013
0	sodium-22	1.7E-10±1 4E 09	UI			2 6E-09	µCi/mL	GP	EPIA-013
0	Thorium -234	4 1E 08±1 3E 07	UI			1 2E-07	µCi/mL	GP	EPIA-013

Well HAA 6C collected on 08/01/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Tin-113	1 0E-10±21E-09	UI			3 SE 09	µCi/mL	GP	EPIA-013
O	Tritium	1 4E-07±3 1E-07	UI			5 3E 07	µCi/mL	GP	EPIA-002
O	Yttrium-88	.66E-1OQ 2E-09	UI			34E4J2	µCi/mL	GP	EPIA-013
O	Zinc-65	66E-10*3 3E-09	UI			5 6E-09	µCi/mL	G P	EPIA-013
O	Zirconium-95	19E-10±3.1E-09	UI			56E@9	µCi/mL	GP	EPIA-013

WELL HAA 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 06/02/95
Depth 10 water: 15.21 ft(4.64 r) below TOC
Water elevation: 26529 ft (60.8 m) msl
pH: 3.5
Sp. conductance: 422 µS/cm
Turbidity: 10 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 11:21
Waler temperature: 28°C
Air temperature: 31.2°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
	Nitrate-nitrite as nitrogen	1.s10				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2.560				100	µg/L	GE	EPA601oA
0	Actinium-228	8.9E-09±8 3E-09	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	4.4E-09±5.0E-09	UI			: : : - :	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.8E-09±6.5E-09	in			1.1E-08	µCi/mL	GP	EPIA-013
0	Barium-133	-2.6E-09±3.4E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	2.2E-08±3.6E-08	UI			2.5E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	0 0E+00	UI			3 9E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	9.0E-10±2.3E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.2E-10±1.8E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1 6E-09±2.9E-09	UI			4. SE-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	9.4EJ11*2.0M9	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-5.9E-09±8.0E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Europium-154	2.4E-08±2.2E-08	UI			4.1E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3 OE-1044EO9	UI			1.1E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	1.2E-08±1.7E-09	J	c		6.7E-10	µCi/mL	GP	EPIA-001
0	Lead-212	6.1E-09±5.1E-09	UI			6 8E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.3E-10±2.3E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-9.9E-10±1.3E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.OE-W*9.5E-1O	J	c		1.0E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.7E-08±2.1E-08	UI			4.2E-08	µCi/mL	GP	EPIA-013
	Promethium-144	2.9E-09±2.2E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.0E-09±2.8E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	3. 1E-09±2.4E-08	UI			3.6E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-5.6E-10±2.8E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	1.0E-07±1.5E-07	UI			1.6E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-2.4E-09±3.5E-09	UI			56E:06	µCi/mL	GP	EPIA-013
1	Tritium	1.9E-05±1.1E-06				8 2E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	96E 10±1 4E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.2E-09±4.9E-09	UI			8.9E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-5.2E-09±4.8E-09	UI			7.6E-09	µCi/mL	GP	EPIA-013

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/95
Depth to water: 28.26 ft (8.61 m) below TOC
Water elevation: 270.14 ft (82.34 m) msl
pH: 5.1
Sp. conductance: 115 µS/cm
Turbidity: 1 NTU
Water evacuated from the watt prior to sampling: 50 gal

Time: 935
Water temperature: 23.1 "C
Air temperature: 24.1 C
Alkalinit 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.1	J	0		0.10	pH	WA	EPA1501
O	Aluminum, total recoverable	<87				67	µg/L	WA	EPA2007
0	Arsenic, total recoverable	<12				12	µg/L	WA	EPA2007
0	Barium, total recoverable	3.0	J	E		7.4	µg/L	WA	EPA2007
O	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	EPA2007
0	Chromium, total recoverable	<10				10	µg/L	WA	EPA2007
2	Iron, total recoverable	493				26	µg/L	WA	EPA2007
0	Lad, total recoverable	13	v	v		13	µg/L	WA	EPA200 7
O	"Manganese. total recoverable	8.6				5.7	µg/L	WA	EPA2007

Well HAC 1 collected on 07/10/95 (cent)

F	Analyte	Result	R	A	B	sot.	Unit	Lab	Method
o	Mercury, total recoverable	<0 70				0.70	µg/L	WA	EPA2451
0	Mercury, total recoverable	<0 70				0.70	µg/L	WA	EPA245 1
0	Nitrate-nitrite as nitrogen	1,840	J	L		60	µg/L	WA.	EPA353.2
0	Nitrate-nitrite as nitrogen	1,860	J	L		60	µg/L	WA	EPA3532
0	Selenium, total recoverable	2.0	JV	EV		19	µg/L	W A	EPA200.7
0	Silver, total recoverable	<1.4				1.4	µg/L	W A	EPA200.7
0	Sodium, total recoverable	18,700		v		4.7	µg/L	W A	EPA200.7
0	Sulfate	22,600				979	µg/L	W A	EPA300.0
0	Gross alpha	.3.OE-10*5.OE-1O	UI			8 1E-10	µCi/mL	TM	EPA900 0M
0	Gross @ @tre	7.0E-10±8 0E-10	UI			8 5E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	7 0E-10±13E-09	UI			7.2E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2 0E-09±1 5E-09	J		L	7.3E-10	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	4OE-1W2OE-1O				1.2E-10	µCi/mL	T M	EPA903.0M
0	Radium, total alpha-emitting	4 0E-10±2 oE-10				1.2E-10	µCi/mL	TM	EPA903 0M
2	Tritium	46E-05*1 5E-06				57E-07	µCi/mL	TM	EPA906.0M
2	Tritium	46E-OS*l.5E-06				58E-07	µCi/mL	TM	EPA906.0M

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

sample dale: 07/10/95
Depth to water: 28.47 ft (8.68 m) below TOC
Water elevation: 269.63 ft (82.18 m) msl
pH: 5.8
Sp. conductance: 270 µS/cm
Turbidity: 20 NTU
Water evacuated from the well prior 10 sampling: 5 gal

Time: 7:51
Waler temperature: 22.2°C
Air temperature: 25.1°C
Alkalinity: 19 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	S.6	J	Q		0.10	pH	WA	EPA150.1
2	Aluminum, total recoverable	95				87	µg/L	WA	EPA200.7
0	Arsenic, total recoverable	<12				12	µg/L	WA	EPA200.7
0	Barium, total recoverable	4.2	J	E		7.4	µg/L	WA	EPA200.7
0	Cadmium, total recoverabra	<4,7				4.7	µg/L	WA	EPA200.7
0	Chromium, total recoverabta	1.8	J	E		10	µg/L	WA	EPA200.7
2	Iron. total recoverable	696				26	µg/L	WA	EPA200.7
0	Lead, total recoverable	6.6	JV	EV		13	µg/L	WA	EPA200.7
0	Manganese, total recoverable	13				5.7	µg/L	WA	EPA200.7
0	Mercury, total recoverable	0.11	J	E		0.70	µg/L	WA	EPA245.1
0	Nitrate-nitrite as nitrogen	371	J	L		60	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<19		V		19	µg/L	WA	EPA200.7
0	Sliver. total recoverable	0.43	J	E		1.4	µg/L	WA	EPA200.7
0	Sodium, tot recoverable	61,200		V		4.7	µg/L	WA	EPA200.7
0	Sulfate	156,000				976	µg/L	WA	EPA300.0
0	moss alpha	8.0E-10±7.0E-10	UI			1 4E-09	µCi/mL	TM	EPA900 0M
0	Nonvolatile beta	8.0E-10±1.3E-09	UI			82E-10	µCi/mL	TM	EPA900 0M
0	Radium, total alpha-emitting	5.0E-10±2.0E-10				1.2E-10	µCi/mL	TM	EPA903 0M
2	Tritium	3.3E-05±1.3E-06				56E-07	µCi/mL	TM	EPA906.0M

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/95
Depth to water: 28.25 ft (8.61 m) below TOC
Water elevation: 269.75 ft (82.22 m) msl
pH: 5.9
Sp. conductance: 358 µS/cm
Turbidity: 45 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 8:57
Water temperature: 23.1 "C
Air temperature: 27.7°C
Alkalinity: 19 mg/L
Phenolphthalein alkalinity: Nd available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.7	J	0		0.10	pH	WA	EPA150 1
2	Aluminum, total recoverable	506				87	µg/L	WA	EPA2007
O	Arsenic, total recoverable	2 8	J	E		12	µg/L	WA	EPA2007
0	Barium, total recoverable	6 4	J	E		7 4	µg/L	WA	EPA200 7
0	Cadmium, total recoverable	<4 7				4.7	µg/L	WA	EPA200 7
0	Chromium, total recoverable	3 2	J	E		10	µg/L	WA	EPA2007
2	Iron, total recoverable	1,100				26	µg/L	WA	EPA2007
0	Lead, total recoverable	14	v	v		13	µg/L	WA	EPA200 7
O	Manganese, total recoverable	20				5 7	µg/L	WA	EPA2007
O	Mercury, total recoverable	<0 70				0 70	µg/L	WA	EPA245 1

Well HCA 2 collected on 08/01/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	Tritium	2 4E-05±13E-06				9 1E-07	µCi/mL	G P	EPIA-002

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/95
Depth to water: 40.6 ft (12.36 m) below TOC
Water elevation: 2697 ft (62.21 m) msl
pH: 5.9
Sp. conductance: 66 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior 10 sampling: 12 gal

Time: 10:56
Water temperature: 25.6°C
Air tmpeture: 31.1 "C
Alkalinity: 32 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	a	A	B	SOL	Unit	Lab	Method
0	pH	6.3	J	Q	L	0010	pH	GE	EPA150 1
0	Specific conductance	87				030	µS/cm	GE	EPA120.1
0	Specific conductance	88				030	µS/cm	GE	EPA120.1
0	Benzene	<2 o		v		20	µg/L	GE	EPA8240
0	Benzene	<2 0		v		20	µg/L	GE	EPA8240
0	Bromodichloromethane	<2.0				2 0	µg/L	GE	EPA8240
0	Bromodichloromethane	<2.0				2 0	µg/L	GE	EPA8240
0	Bromoform	<2.0				2 0	µg/L	GE	EPA8240
0	Bromoform	< 2 0				2 0	µg/L	GE	EPA8240
0	Bromomethane	<2 0				20	µg/L	GE	EPA8240
0	Bromomethane	<2.0				20	µg/L	GE	EPA6240
0	Carbon tetrachloride	<2.0				20	µg/L	GE	EPA6240
0	Carbon tetrachloride	<2.0				20	µg/L	GE	EPA6240
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA6240
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8240
0	Chloroethane	< 2 0				2.0	µg/L	GE	EPA8240
0	Chloroethane	< 2 0				20	µg/L	GE	EPA8240
0	Chloroethene (Vinyl chloride)	<2.0				20	µg/L	GE	EPAS240
0	Chloroethene (Vin y chloride)	< 2 0				20.	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	< 2 0				2 0	µg/L	GE	EPA8240
0	2-Chloroethyl vinyl ether	<2.0				2.0	µg/L	GE	EPA8240
0	Chloroform	<2.0				2.0	µg/L	GE	EPA6240
0	chloroform	< 2 0				2.0	µg/L	GE	EPA6240
0	Chloromethane	<2.0				2.0	µg/L	GE	EPAS240
0	Chloromethane	<2 0				2.0	µg/L	GE	EPA8240
0	Dibromochloromethane	<2.0				20	µg/L	GE	EPA6240
0	Dibromochloromeih	< 2 0				20	µg/L	GE	EPA8240
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPAB240
0	1, 1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA6240
0	1,2-Dichloroethane	<2.0				20	µg/L	GE	EPA6240
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8240
0	1,1 -Dichloroethylene	<2.0				20	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	< 2 0				20	µg/L	GE	EPA6240
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPAB240
0	Dichloroethane	<2.0				20	µg/L	GE	EPA6240
0	Dichloromethane	< 2 0				2.0	µg/L	GE	EPA6240
0	1,2-Dichloropropane	<2.0				20	µg/L	GE	EPA8240
0	1,2-Dichloropropane	<2.0				20	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	<2.0				20	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	< 2 0				2.0	µg/L	GE	EPA6240
0	trans-1,3-Dichloropropene	<2 0				20	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	<2.0				20	µg/L	GE	EPA8240
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA6240
0	Ethylbenzene	<2.0				20	µg/L	GE	EPA8240
0	Led, total recoverable	2.2	J	E		so	µg/L	GE	EPA7421
0	Lead, total recoverable	2.3	J	E		5.0	µg/L	GE	EPA7421
0	Mercury, total recoverable	0.045	J	EI		0.20	µg/L	GE	EPA7470
0	1,1 2.2-Tetrachloroethane	<lo				10	µg/L	GE	EPA8240
0	1, 1,2.2-Tetrachloroethane	<lo				10	µg/L	GE	EPA8240
0	Tetrachloroethylene	<2.0				2 0	µg/L	GE	EPA8240
0	Tetrachloroethylene	<2.0				20	µg/L	GE	EPA6240
0	Toluene	<2 0				2 0	µg/L	GE	EPM240
0	Toluene	<2.0				2.0	µg/L	GE	EPA6240
0	Total organic halogens	<lo		v		10	µg/L	GE	EPA9020A
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8240
0	1,1, 1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA6240
0	1, 1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA6240
0	1, 1,2. Trichloroethane	<2 o				20	µg/L	GE	EPA8240
0	Trichloroethylene	< 2 0				20	µg/L	GE	EPA8240

Well HCA 3 collected on 08/02/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Trichloroethylene	<2 0				2 0	µg/L	GE	EPA6240
0	Trichlorofluoromethane	<2 0				2 0	µg/L	GE	EPA8240
0	Trichlorofluorom ethane	<2 0				2 0	µg/L	GE	EPAS240
0	Gross ● a	8 7E-1042E-10	UI			O.1E-1	µCi/mL	GP	EPIA-001
o	Nonvolatile beta	36E-02*9 8E-10				1 5E-09	µCi/mL	G P	EPIA-001
0	Radium, total alpha-emitting	4 0E-10±4.0E-10	UI			5 1E-10	µCi/mL	G P	EPIA-010
O	Strontium-90	1 9E-10±1 4E-10	UI	v		24E-10	µCi/mL	G P	EPIA-004
2	Tritium	1 8E-04±9.0E-06				2.6E-08	µCi/mL	G P	EPIA-002

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/95
Depth to water: 40.75 ft (12.42 m) below TOC
Water elevation: 269.95 ft (62.28 m) msl
pH: 5.4
Sp. conductance: 55 µS/cm
Turbidity: 18 NTU
Water evacuated from the well prior 10 sampling: 21 gal

Time: 12:03
Water temperature: 28.2°C
Air temperature: 32.2°C
Alkalinity: 8 mg/L
Phenolphahalkalinity: Not available

ANALYSES

F	Analyte	R	R	A	B	SOL	Unit	Lab	Method
o	pH	).8	J	Q	L	0010	pH	GE	EPA150.1
O	Specific conductance	)8				030	µS/cm	GE	EPA120.1
O	Benzene	◂ o		v		20	µg/L	GE	EPA8240
0	Bromodichlo om	◂ 0				20	µg/L	GE	EPA8240
0	Bromoform	◂ 0				2.0	µg/L	GE	EPA8240
0	Bromomethane	◂ .0				2.0	µg/L	GE	EPA8240
0	Carbon tetrachloride	◂ 0				20	µg/L	GE	EPA8240
0	Chlorobenzene	◂ 0				2 0	µg/L	GE	EPA8240
0	Chloroethane	◂ 0				2 0	µg/L	GE	EPA8240
O	Chloroethene (Vinyl chloride)	◂ 0				20	µg/L	GE	EPA8240
O	2-Chloroethyl vinyl ether	◂ 0				20	µg/L	GE	EPA8240
0	Chloroform	◂ 'o				20	µg/L	GE	EPA8240
0	Chloromethane	◂ 'o				20	µg/L	GE	EPA8240
0	Dibromochloromethane	◂ 0				20	µg/L	GE	EPA8240
0	1,1-Dichloroethane	◂ 0				20	µg/L	GE	EPA8240
0	1,2-Dichloroethane	◂ 'o				2.0	µg/L	GE	EPA8240
0	1,1-Dichloroethylene	◂ o				2 0	µg/L	GE	EPA8240
0	trans-1,2-Dichloroethylene	◂ 0				2 0	µg/L	GE	EPA8240
O	Dichloromethane	◂ 0				2 0	µg/L	GE	EPA8240
O	1,2-Dichloropropane	◂ o				2.0	µg/L	GE	EPA8240
0	cis-1,3-Dichloropropene	◂ 0				2 0	µg/L	GE	EPA8240
0	trans-1,3-Dichloropropene	◂ 0				2 0	µg/L	GE	EPA8240
0	Ethylbenzene	◂ 0				2 0	µg/L	GE	EPA8240
0	Lead, total recoverable	4				5.0	µg/L	GE	EPA6010A
0	Mercury, tot recoverable	).81		I		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	1,460				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	1,570		v		100	µg/L	GE	EPA6010A
O	1,1,2,2-Tetrachloroethane	◂ o				10	µg/L	GE	EPA8240
1	Tetrachloroethylene	1 0				2 0	µg/L	GE	EPA8240
O	Toluene	<2.0				2.0	µg/L	GE	EPA8240
O	Total organic halogens	8.7	JV	EV		10	µg/L	GE	EPA9020A
0	1,1,1-Trichloroethane	<2 0				2.0	µg/L	GE	EPA8240
0	1,1,2-Trichloroethane	<2.0				2 0	µg/L	GE	EPA8240
0	Trichloroethylene	1.3	J	E		2.0	µg/L	GE	EPA8240
0	Trichlorofluoromethane	3.1				20	µg/L	GE	EPA8240
0	Actinium-228	5.3E-09±1.1E-08	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	1.1E-09±2.4E-09	UI			4 5E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-9. 1E-10±4.7E-09	UI			7 9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.0E-09±2 5E-09	UI			44E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	3.5E-09±1.2E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
O	Cesium-134	-1.2E-09±2.2E-09	UI			32EQ2	µCi/mL	GP	EPIA-013
O	Cesium-137	2.7E-10±1.8E-09	UI			34E-09	µCi/mL	GP	EPIA-013
O	Cobalt-57	-1 3E-09±1.6E-09	UI			26E709	µCi/mL	GP	EPIA-013
O	cobalt-56	-3.4E-10Q.2E-O9	UI			39E-02	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.5E-09±1.9E-09	UI			39E-09	µCi/mL	GP	EPIA-013
O	Europium-152	-1.2E-09±5.0E-09	UI			8 5E-09	µCi/mL	GP	EPIA-013
O	Europium-154	1 9E-09±2.1E-08	UI			3 3E-08	µCi/mL	GP	EPIA-013
0	Europium-155	55E-09i7 4E-09	UI			1 3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1 9E-09*83E.1o				8 1E-10	µCi/mL	GP	EPIA-001
0	Laad-212	50E09*5 2E-09	UI			72E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1 7E-10±19E-09	UI			34E-02	µCi/mL	GP	EPIA-013
O	Neptunium-239	79E.0% I 3E 08	UI			22E4J6	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	26E09*6 8E10				1 5E-09	µCi/mL	GP	EPIA-001

Well HCA 4 collected on 08/02/95 (cent)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Potassium-40	1 7E-08± 1 8E-08	UI			39E 06	µCi/mL	GP	EPIA-013
O	Promathkrm144	-1 2E-09±1 9E 09	UI			3 1E 09	µCi/mL	GP	EPIA-013
o	Promethium-146	9OE-10*23E4J2	UI			4 1E-09	µCi/mL	GP	EPIA-013
O	Ruthenium-106	1 4E-08±1 7E 08	UI			33E4)6	µCi/mL	GP	EPIA-013
o	sodiunr-22	3 0E-12±1 8E 0 9	UI			3 4E-09	µCi/mL	GP	EPIA-013
O	Thorium-234	5.4 E-08± 1.6E-07	UI			1 5E-07	µCi/mL	(3P	EPIA-013
o	Tin-113	. 1.2E-09±2 9E-09	UI			48E09	µCi/mL	GP	EPIA-013
2	Tritium	4.6E-05±2.4E-06				13E-06	µCi/mL	GP	EPIA-002
O	Yttrium-88	-1 8E-0%24E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
o	zinc.6s	.37 E49t4. 1E-09	UI			68E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	24E@9*4 1E-09	UI			76E-09	µCi/mL	GP	EPIA-013

WELL HCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/95 Time: **9:42**
Depth to water: 134.95 ft (41.13 m) betow TOC **Water temperature:** 24.4°C
Water elevation: 175.75 ft (53.57 m) mat **Air temperature:** 26°C
pH: 7.2 **Alkalinity:** 32 mg/L
Sp. conductance: 93 µS/cm Phenolphthalein alkalinity: Not available
Turbidity: 1 NTU
Water evacuated from the **well** prior **to sampling:** 33 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate-nitrite as nitrogen	150				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	3,230				100	µg/L	GE	EPA601oA
0	Actinium-228	5.0E-09±5.7E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	5.3E-10±2.0E-09	UI			34E-02	µCi/mL	GP	EPIA-013
0	Antimony-125	-1 3E-02*45EQ6	UI			7.4E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1.8E-09±2.1E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.3E-08±1.1E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.0E-10±1.4E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	9.4E-10±1.8E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.2E-10±1.4E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	8.0E-10±1.8E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	.37E-10*1 .8E-09	UI			32EQS	µCi/mL	GP	EPIA-013
0	Europium-152	-2.0E-09±4.7E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-4 6E-09±1 4E-08	UI			2.5E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-1.2E-09±5.6E-09	UI			9.8E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	58E-1U2.W-1O	J	c		24E-10	µCi/mL	GP	EPIA-001
0	Lead-212	2.8E-09±4.4E-09	UI			5 SE-OS	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.2E-09±1.6E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-1.2E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
o	Nonvolatile beta	1.1E-09±3.3E-10	J	C		5.1E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	3.0E-09±4.3E-08	UI			2 SE-w	µCi/mL	GP	EPIA-013
0	Promethium-144	1 0E-09±1.6E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	64E-10*2. 1E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	4.6E-09±1.5E-08	UI			2.8E-08	µCi/mL	GP	EPtA-013
0	Sodium-22	-1.2E-10±1.5E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	4.2E-09±1.2E-07	UI			1.2E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-1.5E-11±2.3E-09	UI			3 9E-09	µCi/mL	GP	EPIA-013
0	Tritium	-2.1E-07±3.0E-07	UI			5.3E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	2.1E-10±2.2E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	6.0E-11±3.7E-09	UI			5.8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	5.8E-10±3.3E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013

WELL HCA 4AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/95 **Time: 14:51**
Depth to water: 135.15 ft (41 .19 m) below TOC Water temperature: 23.6°C
Water **elevation:** 175.35 ft (53.45 m) msl Air **temperature:** 36.8-C
pH: 6.8 **Alkalinity:** 7 4 -
Sp. conductarice: 159 µS/cm Phenolphthalein alkalinity: Not available
Turbidity: 1 NTU
Water **evacuated from the** WOW prior **to sampling:** 53 gal

ANALYSES

F	Analyte	Result	a	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite e s nitrogen	40	J	E		100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	31	J	E		60	µg/L	WA	EPA3532
0	Sodium, total recoverable	2.040				100	@ -	GE	EPA601oA

Well HCA 4AAcollecledon06/01/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Sodium, total recoverable	1,950		V		4.7	µg/L	WA	EPA200.7
0	Sodium, total recoverable	1,900		V		4.7	µg/L	WA	EPA200.7
0	Actinium-228	1 3E-08±1 6E-08	UI			1 4E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1 1E-08±1 0E-08	UI			1.7E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	36E.09*1 0E-08	UI			1.8E-08	µCi/mL	TM	EPA901.1M
0	Antimony-124	6.6E-10±2.4E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	-1.9E-09±3.0E-09	UI			4 9E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	1.1E-09±3.3E-09	UI			52E-02	µCi/mL	TM	EPA901.1M
0	Antimony-125	-3 5E-09:54E-02	UI			8 7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-6.9E-09±7.8E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	4.0E-11±6.3E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	-4 2E-10±2 6E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-2.3E-09±3.0E-09	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Barium-133	2.8E-09±3.4E-09	UI			5.5E-09	µCi/mL	TM	EPA901.1M
0	Cerium-144	-1.0E-08±1 3E 06	UI			22E.W	µCi/mL	GP	EPIA-013
0	Cerium-144	-8.5E-09±1.4E-08	UI			2.3E-08	µCi/mL	TM	EPA901.1M
0	Cwklrrr-144	-9.7E-09±14E-08	UI			2.3E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	.5.7E-10*1 8E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.1E-09±2.6E-09	UI			4.4E-09	µCi/mL	TM	EPA901.1M
0	Casiunr-134	1.7E-09±2.9E-09	UI			4.6E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	3.9E-10±1 5E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.7E- 10*27E-02	UI			48E-oS	µCi/mL	TM	EPA901.1M
0	Caaksm137	1.3E-09±2.9E-09	UI			5 1E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-4 3E-10*1 6E-09	UI			28E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.9E-10±1.7E-09	UI			29E-oS	µCi/mL	TM	EPA901.1M
0	Cobalt-57	25E-10*1.7E-O2	UI			29E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	94E-10*2 3E-09	UI			44E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.4E-09±2.7E-09	UI			49E@9	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-2.3E-10±3.1E-09	UI			54E439	µCi/mL	TM	EPA901.1M
0	Cobalt-60	8.4 E-10±1.6E-09	UI			35E-02	µCi/mL	GP	EPIA-013
0	cobalt-so	-11E-09±2 9E-09	UI			49E-OS	µCi/mL	TM	EPA901 1M
0	Cobalt-60	-5. DE-1oQ.9E-o6	UI			S 0E-09	µCi/mL	TM	EPA901 1M
0	Europium-152	25E-09*5 5E-09	UI			9 8E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.8E-08±1.8E-08	UI			3.7E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	-8.6E-09±1.6E-08	UI			2.4E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-1 .6E-08±1.8E-08	UI			26E06	µCi/mL	GP	EPIA-013
0	Europium-154	4 0E-09±8 1E-09	UI			1.5E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	1.0E-11±7.1E-09	UI			1 1E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-2.3E-10±6.8E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-1.4E-06*46E-09	UI			74E432	µCi/mL	TM	EPA901 1M
0	Europium-155	-1.7E-08±4.9E-09	UI			7.5E-09	µCi/mL	TM	EPA901 1M
0	Gross alpha	1.5E-10±2.5E-10	UU	C		4.2E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1 1E-09±7.0E-10	J		L	7 1E-10	µCi/mL	TM	EPA900 0M
0	Gross alpha	4. OE-1W5OE-1O	UI			7 1E-10	µCi/mL	TM	EPA900.0M
2	Iodine-129	1.6E-06:16E-06	UI			1 9E-08	µCi/mL	TM	EPA901 1M
2	Iodine-129	7.6E-09±1 3E-08	UI			2 0E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	5.3E-06*35E-06	UI			65E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.2E-09±8 2E-09	UI			66E06	µCi/mL	TM	EPA901.1M
0	Lead-212	2.7E-02*38E-09	UI			67E-06	µCi/mL	TM	EPA901.1M
0	Manganese-54	26E-09*30E@2	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	9.6E-10±2.9E-09	UI			52E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-6 8E-10±2.8E-09	UI			4.7E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-239	-1 .4E-09±1.2E-08	UI			2 1E-08	µCi/mL	GP	EPIA-013
0	Neptunium-239	2.2E-07±3.4E-07	UI			6.0E-07	µCi/mL	TM	EPA901 1M
0	Neptunium-239	-2.5E-07±4.2E-07	UI			7.1E-07	µCi/mL	TM	EPA901 1M
0	Nonvolatile beta	7.7E-10±3 4E-10	J	C		5 4E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.4E-09±1.8E-09	UI			7.8E-10	µCi/mL	TM	EPA900 0M
0	Nonvolatile beta	1 2E-09±1.5E-09	UI			7 8E-10	µCi/mL	TM	EPA900 0M
0	Potassium-40	1.2E-08±2.1E-08	UI			43E46	µCi/mL	GP	EPIA-013
0	Potassium-40	33E-06*3.7E4)6	UI			49E-06	µCi/mL	TM	EPA901 1M
0	Potassium-40	4.7E-10i43E-06	UI			43E-06	µCi/mL	TM	EPA901.1M
0	Promethium-144	6.1E-11±1.8E-09	UI			33E-02	µCi/mL	GP	EPIA-013
0	Promethium-144	-3. SE- 10±2.5E-09	UI			44E-os	µCi/mL	TM	EPA901 1M
0	Promethium-144	22E-06e2.5E-os	UI			46E-06	µCi/mL	TM	EPA901.1M
0	Promaltrhrm-146	9.9E-10±2.4E-09	UI			43E-os	µCi/mL	GP	EPtA-013
0	Promethium-146	-7.7E-1O*3.1E-O9	UI			52E09	µCi/mL	TM	EPA901.1M
0	Promethium-146	26E-10*2 9E-09	UI			5 1E-09	µCi/mL	TM	EPA901.1M
0	Ruthenium-105	1.2E-08±1.7E-08	UI			3 3E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1. 0E-08±2.5E-08	UI			4 1E-08	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	6.8E-09±2.2E-08	UI			3 9E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	-5.9E-10±1.6E-09	UI			29E43S	µCi/mL	GP	EPIA-013
0	Sodium-22	1.5E-09±2.9E-09	UI			54E06	µCi/mL	TM	EPA901 1M
0	Sodium-22	-3.0E-11±2.5E-09	UI			4 0E-09	µCi/mL	TM	EPA901.1M
0	Thorium-234	5.5E-09±13E-07	UI			1 3E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	1 4E.07e38E.06	R		H	66E06	µCi/mL	TM	EPA901 1M
0	Thorium-234	24E.06*4 4E 08	UI			52E06	µCi/mL	TM	EPA901 1M
0	Tin-113	4 OE 09k36E.09	UI			4 0E-09	µCi/mL	GP	EPIA-013

Well HCA 4AA collected on 08/01/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Tin-113	4 OE.fl*32E49	UI			5 5E 09	µCi/mL	TM	EPA901 1M
o	Tin-113	·2 8E·10±31E·09	UI			5 3E·09	µCi/mL	TM	EPA901 1M
O	Tritium	-7 4E·08±31E·07	UI			5 3E 07	µCi/mL	GP	EPIA·002
O	Tritium	1. 1E·07±3.0E·07	UI			53E07	µCi/mL	TM	EPA906 0M
O	Tritium	-4. 0E·08±30E·07	UI			55E.07	µCi/mL	TM	EPA906 0M
O	Yttrium-88	53E- 10±2.3E·09	UI			46E-oa	µCi/mL	GP	EPIA-013
o	Yttrium-88	.22E- 10±27E·09	UI			5 0E·09	µCi/mL	TM	EPA901 1M
O	Yttrium-88	·2.3E·09±2.5E·09	UI			4 0E·09	µCi/mL	TM	EPA901 1M
O	Zinc-65	2.6E·09±3.8E·09	UI			76E-06	µCi/mL	GP	EPIA·013
O	Zinc-65	.26E46*5 9E·09	UI			97E-03	µCi/mL	TM	EPA901.1M
o	zinc-es	-S 0E·11±54E·09	UI			95E-06	µCi/mL	TM	EPA901.1M
O	Zirconium-95	-3 3E-02*44E02	UI			6 1E·09	µCi/mL	GP	EPIA·013
O	Zirconium-95	1.0E·09±5.1E·09	UI			9 1E·09	µCi/mL	TM	EPA901 1M
o	Zirconium-95	·2 oE-09*54E.06	UI			9 1E·09	µCi/mL	TM	EPA901.1M

WELL HCA 4AA Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/95
Depth to water: 135.15 ft (41.19 m) **below** TOC
Water elevation: 175.35 n (53.45 m) **msl**
pH: 6.8
Sp. conductance: 159 **µS/cm**
Turbidity: 1 NTU
Water evacuated from the wall prior **to** sampling: 53 gal

Time: **14:51**
Water temperature: 23.6°C
Air temperature: 36.8-C
Alkalinity: 74 mgg/L
Phenolphthalein alkalinity: **Not** available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate-nitrite e s nitrogen	30	J	E		100	µg/L	GE	EPA353 1
0	Nitrate-nitrite e s nitrogen	21	J	E		60	µg/L	WA	EPA353.2
O	Sodium, totalrecoverable	2,020				100	µg/L	GE	EPA6010A
O	Sodium, total recoverable	1,810		v		4 7	µg/L	WA	EPA200.7
0	Actinium-228	3 8E·09±9.6E·09	UI			i 5E·08	µCi/mL	GP	EPIA·013
0	Actinium-228	9 1E·09±1.0E·08	UI			1 9E·08	µCi/mL	TM	EPA901.1M
0	Antimony- 124	4.5E.1046E-O6	UI			42E-06	µCi/mL	GP	EPIA·013
0	Antimony-124	-1. 1E·09±3.3E·09	UI			4 8E·09	µCi/mL	TM	EPA901.1M
O	Antimony-125	2.0E·09±4.9E·09	UI			8 8E·09	µCi/mL	GP	EPIA·013
O	Antimony-125	-3.1E·09±6.4E·09	UI			1 1E·08	µCi/mL	TM	EPA901.1M
0	Barium-133	-2.7E·10±2.5E·09	UI			38E46	µCi/mL	GP	EPIA·013
O	Barium- 133	3.7E·09±3.1E·09	UI			5.7E·09	µCi/mL	TM	EPA901.1M
O	Cerium- 144	·9.5E·09±1.3E·08	UI			22E-06	µCi/mL	GP	EPIA·013
O	Cerium-144	-4.2E·09±1.5E·08	UI			2 6 E a	µCi/mL	TM	EPA901.1M
O	Cesium- 134	6.2E·10±1.9E·09	UI			3.2E·09	µCi/mL	GP	EPIA·013
O	Cesium- 134	·9.8E·10±2.9E·09	UI			4.2E·09	µCi/mL	TM	EPA901.1M
O	Cesium- 137	-7.7E·10±2.0E·09	UI			3.9E·09	µCi/mL	GP	EPIA·013
O	Cesium- 137	1.3E·09±2.6E·09	UI			4.7E·09	µCi/mL	TM	EPA901.1M
o	Cobalt-57	-1.1E·10±1.8E·09	UI			3 0E·09	µCi/mL	GP	EPIA·013
O	Cobalt-57	-4 0E·10±1.9E·09	UI			2.9E·09	µCi/mL	TM	EPA901.1M
O	Cobalt-58	-1.1E·09±2.1E·09	UI			3 SE-W	µCi/mL	GP	EPIA·013
O	Cobalt-58	5.0E·10±2.9E·09	UI			52E.06	µCi/mL	TM	EPA901.1M
O	Cobalt-60	-7.8E-104.1E-O6	UI			36E-06	µCi/mL	GP	EPIA·013
O	Cobalt-60	-1.0E·11±2.6E·09	UI			4.7E·09	µCi/mL	TM	EPA901.1M
o	Europium-152	-5.5E·09±5.8E·09	UI			7.6E·09	µCi/mL	GP	EPIA·013
O	Europium-152	5.0E·10±1.9E·08	in			36E-W	µCi/mL	TM	EPA901.1M
O	Europium-154	-1 .3E·08±1 .6s-06	UI			2.9E·08	µCi/mL	GP	EPIA·013
O	Europium-154	-1 .3E·09±7.7E·09	UI			1.3E·08	µCi/mL	TM	EPA901.1M
O	Europium-155	-1.3E·09±7.2E·09	UI			1.2E·08	µCi/mL	GP	EPIA·013
O	Europium-155	1.5E·09±4.7E·09	UI			73E-06	µCi/mL	TM	EPA901.1M
o	Gross alpha	1 7E-1OA4.OE-1O	UJ	c		83E.1O	µCi/mL	GP	EPIA-001
O	Gross alpha	5.02-10±6 OE-10	UI			87E-10	µCi/mL	TM	EPA900 0M
2	Iodine-129	2.2E·09±1.3E·08	UI			2 0E·08	µCi/mL	TM	EPA901.1M
0	Lead-212	4.7E-06s53E-06	UI			5.1E·09	µCi/mL	GP	EPIA·013
0	Lead-212	5.6E·09±4 0E·09	UI			7.2E·09	µCi/mL	TM	EPA901.1M
0	Manganese-54	6.1 E-1 OS1.6E46	UI			3.5E·09	µCi/mL	GP	EPIA·013
o	Manganese-54	-1.2E·09±2.5E·09	UI			4.2E·09	µCi/mL	TM	EPA901.1M
0	Neptunium-239	1.5E·09±1.3E·08	UI			2.2E·08	µCi/mL	GP	EPIA·013
O	Neptunium-239	-3. 5E·08±4.3E·07	UI			7.3E·07	µCi/mL	TM	EPA901.1M
O	Nonvolatile beta	1.OE-0646E-10	UIJ	c		1.1E·09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8 0E·10±1.5E·09	UI			78E-10	µCi/mL	TM	EPA900 0M
0	Potassium.40	33E-06*2.7E-W				3.3E·08	µCi/mL	GP	EPIA-013
0	Potassium-40	47E-06*2.6E-06	UI			S 9E·08	µCi/mL	TM	EPA901.1M
O	PronraMmr-144	4.6E·10±2.0E·09	UI			36E-06	µCi/mL	GP	EPIA-0 13
O	Promethium-144	1.1 E·09±2.7E·09	UI			4 8E·09	µCi/mL	TM	EPA901 1M
0	Promethium-146	-3.4E.IOS24E-03	UI			4 0E·09	µCi/mL	GP	EPIA·013
0	Prornalhhrm-146	-1.1E·09±3.1E·09	UI			S 2E·09	µCi/mL	TM	EPA901 1M

Well HCA 4AAcollocledon08/01/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Ruthenium- 106	1.9E·09±1.7E·08	UI			32E@6	µCi/mL	GP	EPIA.013
O	Ruthenium 106	-4.8E·09±2.4E·08	UI			4 1E·08	µCi/mL	TM	EPA901.1 M
o	Sodium-22	5.9E·11±1.8E·09	UI			34E-06	µCi/mL	GP	EPIA·013
o	Sodium-22	-4.7E·10±2.8E·09	UI			4 8E·09	µCi/mL	TM	EPA901.1M
O	Thorium-234	4 3E·08±15E·07	UI			1 4E·07	µCi/mL	GP	"EPIA-013
t	Thorium-234	2 1E 07±5 3E·08	R		H	5 4 E &	µCi/mL	TM	EPA901.1M
o	Tin-113	4 7E·10±27E·09	UI			4 7E·09	µCi/mL	GP	EPIA·013
O	Tin-113	4.4E-1OS3.2E-O6	UI			5 6E·09	µCi/mL	TM	EPA901.1M
O	Tritium	-2 0E·07±3 0E·07	UI			5 3E·07	µCi/mL	GP	EPIA-002
o	Tritium	-2.OE.07S22E-07	UI			44E-07	µCi/mL	TM	EPA906 0M
O	Yttrium-88	1 2E·09±2 1E·09	UI			4 5E·09	µCi/mL	GP	EPIA-013
O	Yttrium-88	4 IE-Ih24Exr9	UI			46E-06	µCi/mL	TM	EPA901.1M
O	Zinc-65	2.9E·10±3.9E·09	UI			6 5E·09	µCi/mL	GP	EPIA·013
O	Zinc-65	-1 1E·09±7.4E·09	UI			1 1E·08	µCi/mL	TM	EPA901.1M
O	Zirconium-95	-1.0E·10±41E·09	UI			73E:W	µCi/mL	GP	EPIA-013
O	Zirconium-95	-2.OE.1O*53E 09	UI			92E02	µCi/mL	TM	EPA901.1M

WELL HCA 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/95
Depth 10 **water:** 64.45 **ft** (19.64 m) **below** TOC
Water elevation: 246.35 ft (75.09 m) **msl**
pH: 10.4
Sp. conductance: 182 **µS/cm**
Turbidity: 4 NTU
Water evacuated from **the well prior** 10 sampling: 45 gal

Time: 8:59
Water temperature: **24.5°C**
Air temperature: 25 4°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: **Not** available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite e s nitrogen	*3s0*				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	10,400				100	µg/L	GE	EPA6010A
o	Actinium-228	00E400	UI			1.2E·08	µCi/mL	GP	EPIA·013
O	Antimony-124	1.3E·09±2 1E·09	UI			36E-06	µCi/mL	GP	EPIA·013
o	Antimony-125	1 2E·09±4.2E·09	UI			7.4E·09	µCi/mL	GP	EPIA·013
0	Barium-133	4.3E·10±2.1E·09	UI			3.7E·09	µCi/mL	GP	EPIA·013
0	Cerium-144	5.3E·09±1.0E·08	UI			1.8E·08	µCi/mL	GP	EPIA·013
o	Cesium-134	-7.2E·10±1.5E·09	UI			26E-03	µCi/mL	GP	EPIA·013
o	Cesium-137	2.2E·10±1.6E·09	UI			29E-09	µCi/mL	GP	EPIA·013
o	Cobalt-57	6 8E·10±13E·09	UI			2 4 E . 6	µCi/mL	GP	EPIA·013
o	Cobalt-58	4 SE-11*1 8E·09	UI			32E-06	µCi/mL	GP	EPIA·013
o	Cobalt-60	4 5E·10±1 8E·09	in			34E-06	µCi/mL	GP	EPIA·013
O	Europium-152	34E-09s4.2&%I	UI			76E-06	µCi/mL	GP	EPIA·013
O	Europium-154	2.2E·09±1.4E·08	UI			2.6E·08	µCi/mL	GP	EPIA·013
O	Europium-155	2.5E-0646E-03	UI			1.0E·08	µCi/mL	GP	EPIA·013
O	Gross alpha	1.2E·09±3 sE- 10	J	c		4.7E.1o	µCi/mL	GP	EPIA-001
O	Lead-212	1.9E·09±4.5E·09	UI			6.0E·09	µCi/mL	GP	EPIA·013
o	Manganese-54	-1 .8E·09±1.7E·09	UI			2 6E·09	µCi/mL	GP	EPIA·013
O	Neptunium-239	5.2E·09±9.7E·09	UI			1.8E·08	µCi/mL	GP	EPIA·013
o	Nonvolatile beta	34 E-O6*4.1E-1O	J	c		S 4E-10	µCi/mL	GP	EPIA-001
o	Potassium-40	3 5E·08±2.6E·08				24E-06	µCi/mL	GP	EPIA·013
o	Promethium-144	46E.IW1.SE-02	UI			27E.02	µCi/mL	GP	EPIA·013
O	Promethium-146	2.6E·10±2 1E·09	UI			36E-06	µCi/mL	GP	EPIA·013
0	Ruthenium-106	1.4E·08±1.3E·08	UI			26E-06	µCi/mL	GP	EPIA·013
0	Sodium-22	-7.4E·10±1.6E·09	UI			2 6E·09	µCi/mL	GP	EPIA·013
O	Thorium-234	5.%X)6*1 .2E·07	UI			1 3E·07	µCi/mL	GP	EPIA·013
O	Tin-113	-4.5E·11±2.5E·09	UI			4 2E·09	µCi/mL	GP	EPIA·013
O	Tritium	67E-*5 0E·07				5 4E·07	µCi/mL	GP	EPIA·002
0	Tritium	6 SE-06*49E07				54E-07	µCi/mL	GP	EPIA·002
O	Yttrium-88	2.7E·09±4.1E·09	UI			36E-09	µCi/mL	GP	EPIA·013
O	Zinc-65	-3. 1E·09±4 0E·09	UI			5 4E 09	µCi/mL	GP	EPIA·013
O	Zirconium-95	-2.6E-09*33E09	UI			5 5E·09	µCi/mL	GP	EPIA·013

WELL HCA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/0 1/95
Depth to water: 63.7 ft (19.42 m) below TOC
Water elevation: 247 ft (75.29 m) msl
pH: 7.2
Sp. conductance: 75 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling: 43 gal

Time: 8:13
Water temperature: 23.8°C
Air temperature: 23.5-C
Alkalinity: 14 mg/L
Phenolphalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	950				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,710				100	µg/L	GE	EPA801oA
0	Actinium-228	0.0E+00	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	4.4E-1OA2.6E-O9	UI			47E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-4.9E.1O*5.S-O6	UI			9.8E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1.4E-09±2.6E-09	UI			43E-06	µCi/mL	GP	EPIA-013
0	Cerium-144	-3.2E-09±1.2E-08	UI			22E46	µCi/mL	GP	EPIA-013
0	Cesium-134	2.9E-10±2.0E-09	UI			362-06	µCi/mL	GP	EPIA-013
0	Cesium-137	1.2E-09±2.0E-09	UI			30E46	µCi/mL	GP	EPIA-013
0	Cobalt-57	-9.7E-11±1.8E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	9.1E-10±2.6E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.4E-10±1.8E-09	UI			3 SE-OS	µCi/mL	GP	EPIA-013
0	Europium-152	-2.0E-09±5.4E-09	UI			9 0E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.9E-08±2.1E-08	UI			3.32-06	µCi/mL	GP	EPIA-013
0	Europium-155	46E-06a7.IE-06	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross lphe	56E.Iti2.4E.10	J	c		34E-10	µCi/mL	GP	EPIA-001
0	Lead-212	0.0E+00	UI			8.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.8E-10±2.1E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	7.6E-10±1.3E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.1E-09±3.4E-10	J	c		5.4E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	4 0E-08±2 62-06	UI			5.4E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.1E-09±2.0E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-7.3E.1047E-O2	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-7.1E-09±1.8E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	84E-1*2.OE-03	UI			3.62-06	µCi/mL	GP	EPIA-013
0	Thorium-234	0.0E+00	UI			162-07	µCi/mL	GP	EPIA-013
0	Th-113	2.1E-09±3.0E-09	UI			s 32-03	µCi/mL	GP	EPIA-013
0	Tritium	1.6E-06±3.6E-07				532-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.2E-09±2.7E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.0E-09±4.8E-09	UI			s OE-06	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.6E-09±5.1E-09	UI			8.7E-09	µCi/mL	GP	EPtA-013

WELL HET 1 D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/1 1/95
Depth to water: 13.77 ft (4.2 m) below TOC
Water elevation: 266.43ft (81.3 m) met
pH: 4.7
Sp. conductance: 45 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 16 gal

Time: 7:55
Water temperature: 20.1 "C
Air temperature: 26°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES*,

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.0	J	Q	L	0.010	pH	G E	EPA150.1
0	Specific conductance					0.30	µS/cm	G E	EPA120 1
O	Gross ● @ha	;!BE-la37E-10	UI			6.32-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	4. 0E-10±5.7E-10	UI			1.2E-09	µCi/mL	G P	EPIA-001
2	Tritium	2.6E-05±1.2E-06				9. 0E-07	µCi/mL	G P	EPIA-002

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sampl date: 07/11/95
Depth o water: 17.72 ft (5.4 m) below TOC
Waler elevation: 259.18 ft (79 m) msl
pH: 49
Sp. conductance: 33 µS/cm
Turbidity: 24 NTU
Waler evacuated from the welt prior to sampling: 11 gal

lima: 7:44
Water temperature: 20.2°C
Air temperature: 27.8°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL,	Unit	Lab	Method
0	pH	5.2	J	Q	L	0.010	pH	G E	EPA150.1
O	Specific conductance	28				0.30	µS/cm	GE	EPA120 1
O	Gross alpha	46E-1W6.7E-1O	UI			1.4E-09	µCi/mL	G P	EPIA-001
O	Nonvolatile beta	37E-1M7.6E-1o	UI			1.8E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.5E-05±1.2E-06				8.9E-07	µCi/mL	GP	EPIA-002

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/1 1/95
Depth to water: 17.07 ft (5.2 m) below TOC
Water elevation: 259.63 ft (79.14 m) msl
pH: 4.7
Sp. conductance: 26 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior 10 sampling: 11 gal

Time: 7:34
Water temperature: 19.9°C
Air temperaturw.257*C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.9	J	o	L	0.010	pH	GE	EPA1501
0	Specific conductance	27				0.30	µS/cm	GE	EPA120.1
0	Gross alpha	5.3E-12A59E-10	UI			1.5E-09	µCi/mL	G P	EPIA-001
o	Nonvolatile beta	2.6E-10±.7E-10	UI			1.7E-09	µCi/mL	G P	EPIA-001
2	Tritium	2.3E-0 ±1.1E-06				8.5E-07	µCi/mL	G P	EPIA-002

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 0711 1/85
Depth to water: 16.39 n (5 m) below Toc
Water elevation: 260.31ft (77.84 m) mat
pH: 4.5
Sp. conductance: 48 µS/cm
Turbidity: 37 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 7:26
Water temperature: 20.5°C
Air temperature: 25 3°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	4.9	J	0	L	0010	pH	GE	EPA1501
0	Specific conductance	47				030	µS/cm	G E	EPA120.1
0	Gross lpha	1 8E-09±9.1E-10				1 2E-09	µCi/mL	G P	EPIA-001
O	Nonvola ile beta	22E-09&9 8E-10				t 8E-09	µCi/mL	G P	EPIA-001
2	Tritium	2.6E-05±1.3E-06				92E-07	µCi/mL	GP	EPIA-002

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Samphale: 07/0S/95
Depth to water: 39.7 ft (12.1 m) below TOC
Water elevation: 232.3 ft (70.81 m) msl
pH: 4.7
Sp. conductance: 34 µS/cm
Turbidity: 1 NTU
Wafer evacuated from the well prior to sampling: 84 gal

Time: 8:22
Water temperature: 19.3°C
Air temperature: 26.6 C
Phenolphthalein alkalinity: Not available
Phenolphthalein alka

well . 0C collected on 07/2 1/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Thorium 230	6 4E-11±1 5E-10	UI			3 3E-10	µCi/mL	GP	EPIA 012
0	Thorium-232	-1.7E-11±2 5E-11	UI			3 8E-10	µCi/mL	GP	EPIA 012
O	Thorium-234	1 4E-07±10E-07	UI			1 8E-07	µCi/mL	GP	EPIA-013
o	Tin-113	9 5E l h2 4E-09	UI			4 3 E &	µCi/mL	GP	EPIA-013
o	Total ● clwlry	39E-03*4 4E-05				15E-06	µCi/mL	EM	301.6-1420
2	Tritium	4 1E-03±1 4E-04				13E-05	µCi/mL	GP	EPIA-002
O	Uranium-233/234	37 E-11* 7.5E-11	UI			1 1E-10	µCi/mL	GP	EPtA.011
O	Uranium-235	-8 4E-12±1.7E-11	UI			1 9E-10	µCi/mL	GP	EPIA-011
o	Uranium-238	6 6E-11±1 1E-10	UI			1 9E-10	µCi/mL	GP	EPIAo11
O	Yttrium-88	1.3E-09±2.5E-09	UI			53E@9	µCi/mL	GP	EPIA-013
O	Zinc-65	.45E-0%4 2E-09	UI			69E-06	µCi/mL	GP	EPIAO13
O	Zirconium 95	-1 4E-0%39E132	UI			67E419	µCi/mL	GP	EPIA-013

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 0712495 **Time:** 13:47
Depth 10 **water:** 17.71 ft (5.4 m) below TOC **Water temperature:** 18°C
Water elevation: 223.69 ft (68.18 m) msl **Air temperature:** 32.8°C
pH: 5.2 **Alkalinity:** 0 mg/L
Sp. conductance: 26 µS/cm **Phenolphthalein alkalinity:** Not available
Turbidity: 4 NTU
Water evacuated from the well prior 10 **sampling:** 57 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Un	Lab	Method
0	pH	5.3	J	Q	L	0010	pH	GE	EPA150 1
0	Specific conductance	26				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	340				100	µg/L	GE	EPA353.1
O	Gross alpha	4.3E-10±5 5E-10	UIJ	C		1 1E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1 SE-m91E-10	UI			1.8E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.9E-05±2.1E-06				1.2E-06	µCi/mL	GP	EPIA-002

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/95 **Time:** 7:27
Depth to water: 18.89 ft (5.76 m) below TOC **Water temperature:** 18.7°C
Water elevation: 222.71 ft (67.88 m) msl **Air temperature:** 25.6°C
OH! 7.5 **Alkalinity:** 44 mg/L
Sp. conductance: 370 µS/cm **Phenolphthalein alkalinity:** Not available
Turbidity: 3 NTU
Waler **evacuated** from the **well** prior 10 **sampling:** 22 **gal**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7.8	J	Q	L	0010	pH	GE	EPA150 1
0	pH	7.8	J	Q	L	0.010	pH	GE	EPA150 1
1	Specific conductance	332				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.30				0.20	µg/L	GE	EPA7470
2	Nitrate-nitrite as nitrogen	23,s00				5.000	µg/L	GE	EPA353 1
1	Gross alpha	1 0E-08±3 0E-09				2.1E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.4E-08±5.2E-09				3.2E-09	µCi/mL	GP	EPIA-001
0	Total activity	4.1E-03±4 SE-OS				1.5E-06	µCi/mL	EM	301-6-1420
2	Tritium	4.3E-03±2.1E-04				1.8E-05	µCi/mL	GP	EPIA-002

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/1 4/95 Tim: 9:9
Depth to water: 63.76 ft (19.43 m) below TOC Waler **temperature:** 19.6°C
Water **elevation:** 173.54 ft (52.9 m) msl Air **temperature:** 25.6°C
pH: 6.9 **Alkalinity:** 75 mg/L
Sp. conductance: 168 µS/cm **Phenolphthalein** alkalinity: Not available
Turbidity: 0 NTU
Waler evacuated **from the well prior to sampling:** 303 gal

Well HSB 83A **collected** on 07/1 **4/95 (cont.)**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7.1	J	Q	L	0.010	pH	GE	EPA1691
o	Specific conductance	188				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.057	JV	EV		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite as nitrogen	30	J	E		100	µg/L	GE	EPA3531
O	Gross alpha	74E-12:4 4E-10	UIJ	C		1.1E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1.3E-09±7.2E- 10	UI			1 4E-09	µCi/mL	GP	EPIA-001
o	Tritium	-3.7E.07*35E07	UI			64E-07	µCi/mL	GP	EPIA-002
O	Tritium	-6 IE-07e34E.07	UI			8.4E-07	µCi/mL	GP	EPIA-002

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/95 **Time:** 9:46
Depth to water: 13.74 ft (4119 m) below TOC **Water temperature:** 19.6°C
Water elevation: 223.26 ft (68.05 m) msl **Air temperature:** 26.3°C
pH: 6.7 **Alkalinity:** 43 mg/L
Sp. conductance: 110 µS/cm **Phenolphthalein alkalinity:** N. **available**
Turbidity O NTU
Water **evacuated** from the wall prior **to sampling:** 184 gal

ANALYSES

F	nalyte	Result	a	A	B	SOL	Unit	Lab	Method
0	pH	7 0	J	O	L	0 010	pH	G E	EPA150 1
0	pH	7.0	J	0		0 10	pH	WA	EPA1501
0	Specilk conductance	111				0.30	µS/cm	G E	EPA120 1
0	Specilk conductance	113		V		0.37	µS/cm	WA	EPA120. 1
0	Mercury, total recoverable	0.12	JV	EV		020	µg/L	G E	EPA7470
0	Mercury, total recoverable	<070				0.70	µg/L	WA	EPA245 1
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	EPA245 1
0	Nitrate-nitrite as nitrogen	40	J	E		100	µg/L	GE	EPA3531
0	Nitrate-nitrite as nitrogen	36	JV	Ev		60	µg/L	WA	EPA3532
0	Gross alpha	32E-10i4 8E-10	UIJ	C		1 0E-09	µCi/mL	G P	EPIA-001
0	Gross ● @ha	2 1E-09±9 0E- 10		V		6.3E- 10	µCi/mL	T M	EPA900 0M
0	Nonvolatile beta	1 0E-09±6 0E-10	UI			1 2E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 4E-09±1 3E-09	J		L	67E-10	µCi/mL	T M	EPA900.0M
0	Tritium	1 9E-06±4.9E-07				72E-07	µCi/mL	G P	EPIA-002
0	Tritium	2.2E-06e44E-07				5. 1E-07	µCi/mL	T M	EPA906.0M

WELL HSB 83B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07114/95 **Time:** 9:46
Depth to water: 13.74 ft (4.19 m) below TOC Water temperature: 19.6-C
Water elevation: 223.26 ft (68.05 m) msl **Air temperature:** 26 3°C
pH: 6.7 **Alkalinity:** 43 mg/L
Sp. conductance: 110 µS/cm **Phenolphthalein** alkalinity: Not **available**
Turbidity: O NTU
Waler **evacuated** from the **well** prior to **sampling:** 184 gel

ANALYSES

F	alyte	Result	R	A	B	SOL	unit	Lab	Method
0	pH	7.1	J	Q	L	0.010	pH	GE	EPA150 1
0	pH	6 9	J	O		0.10	pH	WA	EPA150 1
0	Specilic conductance	111				0 30	µS/cm	GE	EPA120 1
0	Specilic conductance	112		V		037	µS/cm	WA	EPA120.1
0	Mercury, totalrecoverable	0066	JV	EV		0 20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	EPA245 1
0	Nitrate-nitrite as nitrogen	50	J	E		100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	44	JV	Ev		60	µg/L	WA	EPA3532
0	Gross alpha	1 6E-10*46E1o	UIJ	C		1 0E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1 1E-09±7 0E-10	J	V	L	63E.1o	µCi/mL	TM	EPA900 0M
0	Nonvolatile beta	1 3E-09±6 8E-10	UI			1 3E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 6E-09±1 4E-09	J		L	6 7E-10	µCi/mL	TM	EPA900 OM
0	Tritium	24E.06*5 OE 07				7 0E-07	µCi/mL	GP	EPIA-002
0	Tritium	2 3E-06±4 4E-07				5 oE-07	µCi/mL	TM	EPA906 0M

WELL Hsf383C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/1 4/95
Depth to water: 11.94 ft (3.64 m) below TOC
Water elevation: 225.16 ft (68.63 m) msl
pH: 5.3
Sp. conductance: 20 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 214 gal

Time: 10:11
Water temperature: 19.5-C
Air temperature: 27.5°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.5	J	Q	L	0010	pH	GE	EPA1501
0	Specific conductance	21				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.057	JV	EV		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite e s nitrogen	80	J	E		100	µg/L	GE	EPA3531
O	Gross alpha	2.0E-10±3.0E-10	UIJ	C		6.0E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	6.1 E-1w55E-1O	UI			1.1E-09	µCi/mL	GP	EPIA-001
O	Tritium	1.7E-07±3.5E-07	UI			5. SE-07	µCi/mL	GP	EPIA-002

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/14/9S
Depth to water: 12.62 ft (3.85 m) below TOC
Water elevation: 224.38 ft (66.39m) msl
pH: 4.9
Sp. conductance: 72 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling: 78 get

Time: 9:02
Waler temperature: 19.5°C
Air temperature: 24.8°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	unit	Lab	Method
o	pH	5.4	J	Q	L	0010	pH	GE	EPA150 1
0	Specik conductance	70				0.30	µS/cm	GE	EPA120.1
0	Mercury. total recoverable	0 0 2		v		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite e s nitrogen	4,760				400	µg/L	GE	EPA353.1
0	Gross elpha	1.6E-o64.7E-1O				S.4E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.1E-08±1.4E-09				9 8E-10	µCi/mL	GP	EPIA-001
0	Total activity	2 SE-94*3 SE-OS				1.5E-08	µCi/mL	EM	301-6-1420
2	Tritium	2.6E-04±1.3E-05				3.1E-08	µCi/mL	GP	EPIA-002

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/95
Depth to water: 56.35 ft (17.18 m) below TOC
Water elevation: 172.35 ft (52.53 m) mat
pH: 6.5
Sp. conductance: 106 µS/cm
Turbidity: 1 NTU
Water evacuated from the wall prior 10 sampling: 147 get

Time: 12:52
Water temperature: 20.6°C
Air tempero tura: 35.3°C
Alkalinity: 35 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	6.6	J	o	L	0 010	pH	GE	EPA150 1
0	Specik conductance	106				0.30	µS/cm	GE	EPA120.1
0	Mercury. total recoverable	0.11	JV	EV		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite es nitrogen	50	J	E		100	µg/L	GE	EPA353.1
0	Gross @a	2.1E-09±7.9E-10				8 0E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	36E-06*2.OE-OS				1 3E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.0E-05±7.3E-07				7.8E-07	µCi/mL	GP	EPIA-002

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/95
Depth to water: 17.83 ft (5.43 m) below TOC
Water elevation: 2 11.07 ft (64.33 m) msl
pH: 9.3
Sp. conductance: 126 µS/cm
Turbidity: 19 NTU
Waler evacuated from the wait prior to sampling: 50 gal

Time: 7:11
Water temperature: 20.2°C
Air temperature: 21 .5°C
Alkalinity: 23 mg/L
Phenolphthalein alkalinity Not ● vatiable

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
1	pH	9.4	J	0	L	0010	pH	GE	EPA150.1
0	Specific conductance	129				0.30	µS/cm	GE	EPA120.1
o	Mercury, total recoverable	0.059	JV	EV		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite as nitrogen	900				100	µg/L	GE	EPA353.1
o	Gross ● lpha	5 0E-10±5 1E-10	UI			92E.1o	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4 2E-09±9 OE-10				1.3E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.1E-05±2.1E-06				1.2E-06	µCi/mL	GP	EPIA-002

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/9s
Depth to water: 15.05 ft (4.59 m) below TOC
Water elevation: 214.05ft(65.24 m) msl
pH: 8.7
Sp. conductance: 82 µS/cm
Turbidity: 2 NTU
Water evacuated from the watt prior to sampling: 16 gal

Time: 7:22
Waler temperature: 19.9°C
Air temperature: 22*C
Alkalinity: 19 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.9	J	Q	L	0010	pH	GE	EPA150 1
0	pH	7.0	J	Q	L	0010	pH	GE	EPA150.1
0	Specific conductance	82				0.30	µS/cm	GE	EPA120.1
o	Mercury, total recoverable	0.016	Jv	EV		0.20	µg/L	GE	EPA7470
O	Mercury, total recoverable	0.0s1	JV	EV		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite as nitrogen	2,400				400	µg/L	GE	EPA353.1
0	Gross alpha	-2.2E-1o*s 9E-10	UI			1.4E-09	µCi/mL	GP	EPIA-001
0	Gross ● @ha	-3.0E-10±5.2E- 1 0	UI			1.3E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile bate	3.7E-09±1.0E-09				1.7E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	3 2E-09±1.0E-09				1 7E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.7E-04±2.3E-05				44E-W3	µCi/mL	GP	EPIA-002

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/95
Depth to water: 10.24 ft (3.12 m) below TOC
Water elevation: 218.58 ft (66.62 m) msl
pH: 4.3
Sp. conductance: 47 µS/cm
Turbidity: 0 NTU
Water evacuated from the wall prior 10 sampling: 46 gal

Time: 11:08
Water temperature: 20.6°C
Air temperature: 30.5°C
Alkalinity: 0 mg/L
Phenolthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	sol.	Unit	Lab	Method
0	pH	4 5	J	0	1	0010	pH	GE	EPA150 1
0	pH	4.6	J	0	L	0010	pH	GE	EPA150.1
0	Specific conductance	54				0 30	µS/cm	GE	EPA120.1
o	Aldrin	<0.025	J	c o	L	0 025	µg/L	GE	EPA8080
2	Aluminum, total recoverable	380		v		20	µg/L	GE	EPA601OA
z	Aluminum, total recoverable	412		v		20	µg/L	GE	EPA60tOA
O	Antimony, total recoverable	<5 o				5 0	µg/L	GE	EPA8010A
O	Antimony, total recoverable	<5 0				5 0	µg/L	GE	EPA60tOA
O	Arsenic, total recoverable	2 6	JV	EV		5 0	µg/L	GE	EPA601oA
O	Arsenic, total recoverable	<5 0		V		5 0	µg/L	GE	EPA8010A
O	Barium, total recoverable	5 1		V		3 0	µg/L	GE	EPA601OA
O	Barium, total recoverable	5 6		V		3 0	µg/L	GE	EPA601oA
O	Benzene	<2 0				2 0	µg/L	GE	EPA8240
0	Benzene	<2.0				2.0	µg/L	GE	EPA6240
O	Bis(2 ethylhexyl) phthalate	<lo				10	µg/L	GE	EPA8270

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/95
Depth to water: 19.13 ft (5.83 m) below TOC
Water elevation: 221.37 ft (67.47 m) msl
pH: 5.4
Sp. conductance: 33 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 7:44
Water temperature: 19.6°C
Air temperature: 24.1°C
Alkalinity: 5 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	a	A	B	SQL	Unit	Lab	Method
0	pH	5.7	J	Q	L	0010	pH	GE	EPA150.1
0	Specific conductance	27				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.048	JV	EV		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite as nitrogen	60	J	E		100	µg/L	GE	EPA353.1
O	Gross alpha	-4.3E-10±3.4E-10	UI			102-02	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	4.2E-10±8.0E-10	UI			1.3E-09	µCi/mL	GP	EPIA-001
O	Tritium	-1.2E-07±3.6E-07	UI			64E-07	µCi/mL	GP	EPIA-002

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/95
Depth to water: 19.89 ft (6.06 m) below TOC
Water elevation: 220.81 ft (67.3 m) msl
pH: 5.3
Sp. conductance: 27 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 7:36
Water temperature: 20.9°C
Air temperature: 24°C
Alkalinity: 3 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.6	J	o	L	0.010	pH	GE	EPA150.1
0	Specific conductance.	19				0.30	µS/cm	GE	EPA120.1
o	Mercury, total recoverable	<0.20		v		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	640				100	µg/L	GE	EPA3S31
O	Gross alpha	8.3E-10±4.9E-10				8.0E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.2E-10±5.7E-10	UI			1.2E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.6E-05±1.2E-06				9.8E-07	µCi/mL	GP	EPIA-002

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/95
Depth to water: 24.24 ft (7.39 m) below TOC
Water elevation: 231.36 ft (70.52 m) msl
pH: 5.7
Sp. conductance: 35 µS/cm
Turbidity: 0 NTU
Water evacuated from the wait prior to sampling: 95 gal

Time: 1042
Water temperature: 20.1 °C
Air temperature: 29.2°C
Alkalinity: 9 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.0	J	Q	L	0010	pH	GE	EPA1501
0	Specific conductance	33				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.016	Jv	EV		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	50	J	E		100	µ/L	GE	EPA353.1
0	Gross @ha	4.oE.1w4.3E-10	UIJ	c		7.6E.1o	µ/mL	GP	EPIA-001
0	Nonvolatile beta	6.5E.1M3.'E-10	UI			1.4E-09	µCi/mL	GP	EPIA-001
0	Tritium	-2. 1E-07±3.6E-07	UI			6.4E-07	µCi/mL	GP	EPIA-002

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/95
Depth to water: 19.57 ft (5.97 m) below TOC
Water elevation: 235.73 (71.85 m) msl
pH: 5.3
Sp. conductance: 59 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 116 gal

Time: 10:21
Water temperature: 18.7°C
Air temperature: 29°C
Alkalinity: 7 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.7	J	Q	L	0010	pH	GE	EPA150.1
0	pH	5.7	J	o	L	0010	pH	GE	EPA150.1
0	Specific conductance	62				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	61				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.022	JV	EV		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	450				100	µg/L	GE	EPA353.1
0	Gross alpha	S 2E-10±6 6E-10	UIJ	C		1.3E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1 6E-09±8.5E-10	J	C		1.4E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.1 E-1os92E-1O	UI			1.9E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.7E-09±10E-09	UI			2 0E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.4E-05±1.6E-06				1 2E-06	µCi/mL	GP	EPIA-002

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/95
Depth to water: 17 ft (5.18 m) below TOC
Water elevation: 221.4 ft (67.48 m) msl
pH: 5.2
Sp. conductance: 34 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling 143 gal

Time: 11:39
Water temperature: 19.9°C
Air temperature: 31.3°C
Alkalinity: 4 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	pH	5.8	J	o	L	0.010	pH	GE	EPA150.1
0	pH	5.7	J	Q		0.10	pH	WA	EPA150.1
0	Specific conductance	39				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	44		V		4.0	µS/cm	WA	EPA120.1
0	Mercury, total recoverable	0.024	JV	EV		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.117				0.67	µg/L	WA	EPA245.1
0	Nitrate-nitrite as nitrogen	1,230				100	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,270				60	µg/L	WA	EPA3S32
0	Gross alpha	4.0E-10±3.4E-10	UI			5.3E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	7.0E-10±7.0E-10				5.9E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.2E-09±5.9E-10				1.1E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.0E-10±1.4E-09	UI			7.4E-10	µCi/mL	TM	EPA900.0M
2	Tritium	2.9E-05±2.1E-06				1.3E-08	µCi/mL	GP	EPIA-002
2	Tritium	2.9E-05±1.3E-06				5.4E-07	µCi/mL	TM	EPA906.0M

WELL HSB134C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/95
Depth to water: 17 ft (5.18 m) below TOC
Water elevation: 221.4 ft (67.48 m) msl
pH: 5.2
Sp. conductance: 34 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling: 143 gal

Time: 11:39
Water temperature: 19.9-C
Air temperature: 31 .3°C
Alkalinity:4 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	sot.	Unit	Lab	Method
O	pH	5.8	J	Q	L	0 010	pH	GE	EPA150 1
o	pH	5.9	J	O		0 1 0	pH	WA	EPA150 1
O	Specific conductance	40				0 3 0	µS/cm	G E	EPA120 1
o	Specific conductance	25		v		4 0	µS/cm	W A	EPA120.1
o	Mercury, total recoverable	<0 20		v		0 20	µg/L	G E	EPA7470
o	Mercury, total recoverable	<0 67				0.67	µg/L	W A	EPA245 1
O	Nitrate-nitrite as nitrogen	*1,230*				100	µg/L	GE	EPA3S3 1
O	Nitrate-nitrite as nitrogen	*1,200*				60	µg/L	WA	EPA3532

WeHt1S61520 collected on 07/ 1 7/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Mercury, total recoverable	0 091	JV	EV		020	µg/L	G E	EPA7470
O	Nitrate-nitrite as nitrogen	1.190				100	µg/L	G E	EPA353 1
O	Gross ● @ha	4 0E-09±1 2E-09				7 3E-10 µuv/mL	G P		EPIA-001
O	Nonvolatile beta	4 6E-09±1 1E-09	J	C		1 7E-09 µCi/mL	G P		EPIA-001
2	Tritium	1.8E-04±9 0E-06				2 6 E 0 6	µCi/mL	G P	EPIA-C02

WELL HSL 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/95
Depth to waler: 10S.37 ft (33.03 m) below TOC
Water elevation: 166.43 ft (51.34 m) msl
pH: 6
Sp. conductance: 54 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 71 gal

Time: 10:20
Water temperature: 21 .8°C
Air temperature: 29 6°C
Alkalinity: 14 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Un	Lab	Method
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	99				60	µg/L	WA	EPA353.2
0	Sodium, total recoverable	5,070				1,000	µg/L	GE	EPA6010A
0	Sodium, total recoverable	5,170		V		4.7	µg/L	WA	EPA2007
0	Sodium, total recoverable	5,200.		V		4.7	µg/L	WA	EPA200 7
0	Actinium-228	1.0E-08±1 2E-08	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	8.3E-09±9.3E-09	UI			1 8E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	1.0E-08±1.0E-08	UI			1.9E-08	µCi/mL	TM	EPA901.1M
0	Antimony-124	7.2E-10±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	-3.7E-09±3.2E-09	UI			4.3E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	-1.2E-09±2.9E-09	UI			4 8E-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	8.8E-10±5.4E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	8.0E-11±6.5E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Antimony-12s	-2.3E-09±6.6E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	6.5E-1oA?.7E4M	UI			42E-06	µCi/mL	GP	EPIA-013
0	Barium-133	.1.9E-09±3.6E-09	UI			S 2E-09	µCi/mL	TM	EPA901.1M
0	Barium-133	1.5E-09±3.0E-09	UI			5.4E-09	µCi/mL	TM	EPA901.1M
0	Cerium-144	1.8E-08±1.8E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	5.4E-10±1.4E-08	UI			2.4E-08	µCi/mL	TM	EPA901 1M
0	Cerium-144	-1.1E-08±1.4E-08	UI			2.4E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-5 7E-10±1.6E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.4E-09±3.1E-09	UI			4.2E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	-4. 9E-10±2.7E-09	UI			4.5E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	-9.4E-11±1.8E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.OE-11*.9E-m	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	-4.0E-10±2.9E-09	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	6.8E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.OE-1O*1.7E-OS	UI			3 0E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-7.3E-10±1.7E-09	UI			3 0E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	1 .2E-09±2.1E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	cobalt-se	-1.9E-09±2.8E-09	UI			4.5E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-8.0E-10±3.0E-09	UI			5.1E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	1.8E-09±2.1E-09	UI			44E-09	µCi/mL	GP	EPIA-013
0	cobalt-so	-2.0E-09±2.8E-09	UI			4 SE-OS	µCi/mL	TM	EPA901.1M
0	Cobalt-60	2.6E-10±2.7E-09	UI			4.9E-09	µCi/mL	TM	EPA901.1M
0	Europium-152	9.7E-1OM.SE4TS	UI			9.7E-09	µCi/mL	GP	EPIA-013
0	Europium-152	5.9E-09±1.8E-08	UI			3 sE-OS	µCi/mL	TM	EPA901.1M
0	Europium-152	9.6E-10±1.9E-08	UI			3.1E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	7.6E-10±1 9E-08	UI			3.4E-08	µCi/mL	GP	EPIA-013
0	Europium-154	S 1E-09±7.4E-09	UI			1.4E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	9.8E-10±7.7E-09	UI			1.4E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-2.2E-09±6 8E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-2 1E-08±5.9E-09	UI			7.6E-09	µCi/mL	TM	EPA901.1M
0	Europium-155	-1 .9E-08±4.9E-09	UI			7.4E-09	µCi/mL	TM	EPA901.1M
0	Gross alpha	O.6E-1*6.6E.1O	ULJ	C		1. 0E-09	µCi/mL	GP	EPIA-001
0	Gross ● @he	3.*.1 OAOE-10	UI			7.6E-10	µCi/mL	TM	EPA900 OM
0	Gross alpha	2. 0E-10A7.0E-10	UI			8.0E-10	µCi/mL	TM	EPA900.0M
0	Iodine-129	-1.1E-08±1.3E-08	UI			1.9E-08	µCi/mL	TM	EPA901 1M
0	Iodine-129	-3.7E-09±1.3E-08	UI			1.9E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	5.7E-09±3.7E-09	UI			69E-03	µCi/mL	GP	EPIA-013
0	Lead-212	4.3E-m39E-06	UI			69E-03	µCi/mL	TM	EPA901 1M
0	Lead-212	3. 1E-09±6.1E-09	UI			67E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-1 .3E-09±2 1E-09	UI			3 sE-os	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.4E-10±2.7E-09	UI			46E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	1.7E-09±2.5E-09	UI			4 7E-09	µCi/mL	TM	EPA901 1M
0	Neptunium-239	-i 3E-09±1.3E-08	UI			22E-06	µCi/mL	GP	EPIA-013
O	Ne m-239	-2.3E-08±5.8E-08	UI			96E-06	µCi/mL	TM	EPA901 1

Well HSL 6A collected on 07/25/9S (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Neptunium-239	.46E-06:7.6E-06	UI			132-07	µCi/mL	TM	EPA901.1M
0	Nonvolatile beta	4.1 E.1O*6.?K-10	UI			1.8E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-2.0E-10±1.4E-09	UI			7.6E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.02- 10±15E-09	UI			7.?E-10	µCi/mL	TM	EPA900.0M
0	Potassium-40	1.3E-08±3 5E-08	UI			28E@6	µCi/mL	GP	EPIA-013
0	Potassium-40	57E-0s*4 7E-08	UI			4.1E-08	µCi/mL	TM	EPA901.1M
0	Potassium-40	48E-0W5 7E-08	UI			4 sE-os	µCi/mL	TM	EPA901.1M
0	Prom06rium-144	1 6E-09±18E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	S.6E-10i27E@3	UI			4 7E-09	µCi/mL	TM	EPA901.1M
0	Promethium-144	2 1E-09±2 5E-09	UI			4 7E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	1.8E-09±2 4E-09	UI			4. SE-OS	µCi/mL	GP	EPIA-013
0	Promethium-146	2. 1E-09±3.1E-09	UI			57E-os	µCi/mL	TM	EPA901 1M
0	Promethium-t 46	.4.8E-10*3.1E-O3	UI			5.3E-09	µCi/mL	TM	EPA901.1M
1	Ruthenium-106	1 6E-08±1.5E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1. 1E-08±23E-08	UI			4.1E-08	µCi/mL	TM	EPA901 1M
0	Ruthenium-106	6.5E-09*24E4M	UI			4.2E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	1 2E-09±1.8E-09	UI			3 8E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	1.8E-09±2 6E-09	UI			5 1E-09	µCi/mL	TM	EPA901.1M
0	sodium-22	3.2E-10±2.7E-09	UI			4 SE-OS	µCi/mL	TM	EPA901.1M
0	Thorium-234	0.0E+00	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	1 3E-07±35E-08	J		H	67E-06	µCi/mL	TM	EPA901.1M
0	Thorium-234	3. 1E-08±5.0E-08	UI			5.1 E-08	µCi/mL	TM	EPA901.1M
0	Tin-113	-1.8E-09±2.5E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Tin-113	-3.1 E-1 O*3.7E-O9	UI			5. SE-06	µCi/mL	TM	EPA901.1M
0	Tin-113	1.4E-09±3.1E-09	UI			5.5E-09	µCi/mL	TM	EPA901.1M
0	Tritium	-2 6E-07±3 sE-07	UI			62E-07	µCi/mL	GP	EPIA-002
0	Tritium	-2.8E-07±2.7E-07	UI			5.4E-07	µCi/mL	TM	EPA906.0M
0	Tritium	-8.0E-08±2.9E-07	UI			5.4E-07	µCi/mL	TM	EPA906.0M
0	Yttrium-88	-2.4E-10±2.0E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-2.1 E-1ow.6E4xl	UI			4.9E-09	µCi/mL	TM	EPA901.1M
0	Yttrium-88	1.0E-10±2.1E-09	UI			4.3E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	-1.8E-09±3.8E-09	UI			65E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.7E-10±6.0E-09	UI			9.4E-09	µCi/mL	TM	EPA901.1M
0	Zinc-6S	8.3E- 1043E-06	UI			9 5E-09	µCi/mL	TM	EPA901.1M
0	Zirconium-95	2. 1E-09±3.5E-09	UI			6 9E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.8E-09±5.1E-09	UI			8 5E-09	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-2.4E-09±4.8E-09	UI			6. 0E-09	µCi/mL	TM	EPA901.1M

WELL HSL 6A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/2s/9s
Depth to water: t 0S.37 ft (33.03 m) below TOC
Water elevation: 166.43 ft (51.34 m) met
pH: 6
Sp. conductance: 54 µS/cm
Turbidity: 1 NTU
Water evacuated from the **well** prior **to** sampling: 71 gal

Time: 10:20
Water temperature: 21 .8°C
Air temperature: 29.6°C
Alkalinity: 14 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353 I
0	Nitrate-nitrite as nitrogen	103				60	µg/L	WA	EPA353.2
0	Sodium, total recoverable	5,130				1,000	µg/L	GE	EPA6010A
0	Sodium, total recoverable	5,130		V		4.7	µg/L	WA	EPA200.7
0	Actinium-228	t.OE-03$96E-03	UI			1 8E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	4.5E-10±9.0E-09	UI			1 5E-08	µCi/mL	TM	EPA901.1M
0	Antimony 124	8.9E-10±3.1E-09	UI			S 7E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	-1.8E-09±2.6E-09	UI			3.7E-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	-4 6E-09±6.9E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-3 3E-09±8.0E-09	UI			1 0E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	-S.2E-1O*4.OE-O6	UI			5.8E-09	µCi/mL	GP	EPIA-013
0	Barium- 133	7.3E-1&37E-09	UI			4 7E-09	µCi/mL	TM	EPA901.1M
0	Cerium-144	2.2E-09±1.8E-08	UI			3 1E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-4 2E-09±1.0E-08	UI			1.8E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-3.1E-09±3.0E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	79E-1os2 3E-09	UI			36E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	64E-ICk2 6E-09	UI			4 7E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.IE.09*23E.03	UI			42E-09	µCi/mL	TM	EPA901 1M
0	Cobalt-57	S.4E-10i23E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-7 OE-1O*1,3E-O9	UI			22E@9	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-1 3E-09±31E-09	UI			S 3E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2 0E- 10±23E-09	UI			39E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	-8.1E- 1OU?.9E-09	UI			5 1E 09	µCi/mL	GP	EPIA-013
0	Cobalt-60	52E- 10±2 2E-09	UI			4 3E-09	µCi/mL		EPA901 1M

Well HSL 6A collected on 07/25/95 (cont)

F	Analyte	I?#sU/t	R	A	B	SOL		Lab	Method
O	Europium-152	.1.2E-09±7.6E-09	UI			1,3E-08	µCi/mL	GP	EPIA-013
O	Europium-152	36E-0S~2.OE-06	UI			34E.06	µCi/mL	TM	EPA901 1M
O	Europium-154	-1 6E-06S26E.W	UI			4 3E-08	µCi/mL	GP	FPIA-013
0	Europium-154	-6 7E-02*64E-02	UI			1 0E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-11E-08±9 5E-09	UI			1 6E-08	µCi/mL	GP	EPIA-013
O	Europium-155	1.3E-09±4 0E-09	UI			6 1E-09	µCi/mL	TM	EPA901.1M
o	Gross alpha	1 6E-10±5.1E-10	UIJ	C		12E-09	µCi/mL	GP	EPIA-001
O	Gross ftpho	1 OE-OW9OE-1O	J		L	7 4E-10	µCi/mL	TM	EPAsoO 0M
2	Iodine-129	38E-02*1.4E-06	UI			23E-os	µCi/mL	TM	EPA901.1M
O	Lead-212	o 0E+00	UI			1 1E-08	µCi/mL	GP	EPIA-013
O	Lead-212	66E@s*3 SE-02	UI			66E-09	µCi/mL	TM	EPA901.1M
O	Manganese-54	1 oE-0%24E.03	UI			46E46	µCi/mL	GP	EPIA-013
o	Manganese-54	23E-0S*2.2E-02	UI			4 5E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-239	4.5E-09±1.8E-08	UI			3 1E-08	µCi/mL	GP	EPIA-013
0	Neptunium-239	-8. SE-02*4 .7E-08	UI			7 5E-08	µCi/mL	TM	EPA901.1M
O	Nonvolatile beta	5. OE-1*7.6E-1O	UI			1 7E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	4.0E-10±1.5E-09	UI			76E-10	µCi/mL	TM	EPA900.0M
o	Potassium-40	5 1E-09±3.6E-08	UI			4 1E-08	µCi/mL	GP	EPIA-013
o	Potassium-40	53E-~2.2E-~	UI			43E-OS	µCi/mL	TM	EPA901.1M
o	Promethium-144	24E-10±2.8E-09	UI			46E-OS	µCi/mL	GP	EPIA-013
o	Promethium-144	1 .0E-1 14.32-02	UI			3 9E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	2. 1E-09±3.4E-09	UI			64E-06	µCi/mL	GP	EPIA-013
0	Promethium-146	-12E-09±2.5E-09	UI			42E-OS	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	.1.5E-08±2.2E-08	UI			37E-06	µCi/mL	GP	EPIA-013
1	Ruthenium-106	24 E-06&.6E-m	UI			3 4E-08	µCi/mL	TM	EPA901.1M
o	sodium-22	3.4E-09±2.6E-09	UI			54E-03	µCi/mL	GP	EPIA-013
o	Sodium-22	-2.4 E-09±2.3E-09	UI			36E-OS	µCi/mL	TM	EPA901.1M
o	Thorium-234	8 5E-08±1.4E-07	UI			22E-07	µCi/mL	GP	EPIA-013
o	Thorium-234	s 1E-08±4 SE-W	J		L	43246	µCi/mL	TM	EPA901.1M
O	Tin-113	5 1E-1os3.8E-oS	UI			62E-03	µCi/mL	GP	EPIA-013
0	Tin-113	1. 1E-10±2.6E-09	UI			4.6E-09	µCi/mL	TM	EPA901.1M
0	Tritium	-6 6E-07±3 4E-07	UI			6 3E-07	µCi/mL	GP	EPIA-002
O	Tritium	-2.3E-07±2.8E-07	UI			5 4E-07	µCi/mL	TM	EPA906 OM
o	Yttrium-88	9 5E-12*3 3E-09	UI			6 2E-09	µCi/mL	GP	EPIA-013
o	Yttrium-88	1.4E-09±2.5E-09	UI			5 2E-09	µCi/mL	TM	EPA901.1M
o	zinc-65	.1.4E-09±5.9E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
o	Zinc-65	1.2E-10±4.1E-09	UI			7.7E-09	µCi/mL	TM	EPA901 1M
o	Zirconium-95	-1.2E-09±5.2E-09	UI			9 1E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.6E-09±4.0E-09	UI			7.2E-09	µCi/mL	TM	EPA901.1M

WELL HSL 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/95
Depth to water: 107.41 ft (32.74 m below TOC
Water elevation: 169.29 ft (51.6 m) msl
pH: 6.3
Sp. conductance: 87 µS/cm
Turbidity: 1 NTU
Water evacuated from **the** wall prior **to sampling:** 118 gal

Time: 11:57
Waler **temperature:** 21 .8°C
Air temperature: 34.4°C
Alkalinity: 26 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite e s nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2.760				1 .000	µg/L	GE	EPASO1OA
0	Actinium-228	5.0E-09±6.0E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-3.5E-10±1.9E-09	UI			34E-02	µCi/mL	GP	EPIA-013
0	Antimony-125	2.4E-09±5.4E-09	UI			99E-02	µCi/mL	GP	EPIA-013
0	Barium-133.	-8.5E-10±2.9E-09	UI			44E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.3E-08±1.5E-08	UI			24E-W	µCi/mL	GP	EPIA-013
0	Cesium-134	5 0E-10±1 8E-09	UI			29E-OS	µCi/mL	GP	EPIA-013
0	Cesium-137	6.5E-09*34E-09				33E413	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.7 E-09±2.0E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-4,2E.1O*1.6E42	UI			33E-ti	µCi/mL	GP	EPIA-013
0	cobalt-so	8.4E-10±1 8E-09	UI			3 6E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.1E-09±5.4E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-12E-08±1.8E-08	UI			3 1E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-1.7E-10±8.0E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Gross ftpho	37E-06*1.3E-OS	J	c		1 1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	o 0E+00	UI			73E-oS	µCi/mL	GP	EPIA-013
0	Manganese-54	1 9E-09±2 1E-09	UI			32E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	2 0E-08±15E-08	UI			24E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.5E-02*97E. 10				17E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	37E-06:2 2E-OS	UI			47E-08	µCi/mL	GP	EPIA-013
0	Promolhium-144	1.1E-09±1 8E-09	UI			3 4E-09	µCi/mL	GP	EPIA-013

Well HSL 6AA collected on 07/25/95 (cont)

F	Analyte	Result	a	A	I	I	SOL	Unit	Lab	Method
0	Promethium-146	1 8E-0%25E@9	UI				43E-02	µCi/mL	GP	EPIA-013
0	Ruthenium-106	37E-10*1 9E-08	UI				34E-06	µCi/mL	GP	EPIA-013
0	Sodium-22	7 5E-11±1.7E-09	UI				3 2E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	0.0E+00	UI				1 9E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-2 0E-10±2 4E-09	UI				43E:03	µCi/mL	GP	EPIA-013
0	Tritium	-2 3E-07*36E.07	UI				63E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.7E-10±2.2E-09	UI				42E-02	µCi/mL	GP	EPIA-013
0	Zinc-65	1.8E-09±4.1E-09	UI				7 1E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-4 2E-10*34E4J2	UI				52E419	µCi/mL	GP	EPIA-013

WELL HSL 69 .

MEASUREMENTS CONDUCTED 'N THE FIELD

Sample date: 07/25/95
Depth to water: 32.23 ft (9.62 m) below TOC
Water elevation: 244.87 ft (74.64 m) msl
pH: 5.7
Sp. conductance: 57 µS/cm
Turbidity: 2 NTU
Waler **evacuated** from **the** watt prior 10 sampling: 49 gal

Time: 9:52
Water temperature: 21 .5°C
Air temperature: 28.7°C
Alkalinity 10 mg/L
Phenolphthalein alkalinity: Not **available**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite os nitrogen	110				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	4,000				1,000	µg/L	GE	EPA601OA
0	Actinium-228	5.3E-09±8.6E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-2.8E-10±2.0E-09	UI			3 SE-w	µCi/mL	GP	EPIA-013
0	Antimony-125	1 OE-09*52E-06	UI			93E-os	µCi/mL	GP	EPIA-013
0	Barium-133	22E-10*2.3E.O9	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	4.7E-09±1.2E-08	UI			22E-06	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.3E-1O*1.8E-O9	UI			32E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2 0E-09±2.0E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	O. SE-10* 1.6E-OS	UI			28E46	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.1E-09±1 9E-09	UI			3 8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.0E-10±1.5E-09	UI			2 SE-es	µCi/mL	GP	EPIA-013
0	Europium-152	-1.3E-09±5 4E-09	UI			92E.02	µCi/mL	GP	EPIA-013
0	Europium-154	-5.2E-09±1.7E-08	UI			3 0E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3.5E-09±6.4E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	8. SE-10*6 5E-10	J	c		66E-10	µCi/mL	GP	EPIA-001
0	Lead-212	1.9E-09±5.6E-09	UI			72E-os	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.8E.1O*1.7E-O9	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	8.6E-09±1 2E-08	UI			23E-os	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.IE-06*77E-10	UI			1 6E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.IE-06:37E-os	UI			37 E-w	µCi/mL	GP	EPIA-013
0	Promethium-144	6.5E.1O*1.6E-OS	UI			34E@6	µCi/mL	GP	EPIA-013
0	Promethium-146	-7.6E-11±2.5E-09	UI			43E-os	µCi/mL	GP	EPIA-013
0	Ruthenium-106	5.3E-09±1.7E-08	UI			33E-06	µCi/mL	GP	EPIA-013
0	Sodium-22	6 1E-10±1.8E-09	UI			37E-06	µCi/mL	GP	EPIA-013
0	Thorium-234	6.9E-08±1.1E-07	UI			1 5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-1 .6E-0W26 E-09	UI			42E-02	µCi/mL	GP	EPIA-013
0	Tritium	.7.6E-06*36E-07	UI			62E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-4 0E-10±2 1E-09	UI			3 SE-es	µCi/mL	GP	EPIA-013
0	Zinc-65	-2. IE-0s*44E-09	UI			63E-06	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.7E-1o*33E-o9	UI			6 1E-09	µCi/mL	GP	EPIA-013

WELL HSL 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/25/95
Depth 10 **water:** 31 ft (9.5 m) below TOC
Water elevation: 245.7 ft (74.89 m) msl
pH: 5.2
Sp. conductance: 23 µS/cm
Turbidity: O NTU
Water **evacuated** from the **well prior** 10 sampling: 66 gal

Time: 9:08

Phenolphthalein alkalinity: Not **available**
Air temperature: 27.4°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity:

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	250				100	µg/L	G E	EPA353.1
0	Sodium, total recoverable	1.710				1,000	µg/L	GE	EPA601OA
0	Actinium-228	5 6E-09±7 7E 09	UI			1 4E 06	µCi/mL	GP	EPIA 013
O	Antimony-124	6 1E-11±3 2E-09	UI			33E 09	µCi/mL	GP	EPIA 013
O	Antimony 125	6 2 E 09±6 2E 09	UI			9 OE 09	µCi/mL	GP	EPIA 013

Well HSL 6C collected on 07/25/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Barium- 133	-5 1E-1os27E06	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Cerium- 144	-1.4E-09±1.2E-08	UI			22E-~	µCi/mL	GP	EPIA-013
o	Cesium- 134	4.8E-10±2.1E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
o	Cesium- 137	-1.1E-11±1.9E-09	UI			34E-oS	µCi/mL	GP	EPIA-013
o	Cobalt-57	-2.9E-10±1.6E-09	UI			27E-02	µCi/mL	GP	EPIA-013
o	Cobalt-58	1.0E-09±2.0E-09	UI			38E-06	µCi/mL	GP	EPIA-013
o	Cobalt-60	1.3E-10±1.9E-09	UI			3.62-09	µCi/mL	GP	EPIA-013
0	Europium-152	5.3E-10±5.3E-09	UI			9.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-9.2E-09±1.5E-08	UI			2.6E-08	µCi/mL	GP	EPIA-013
O	Europium-155	36E-&6 7E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
o	Gross lpha	1.2E-m67E- 10	J	c		9.9E-10	µCi/mL	GP	EPIA-001
0	Lead-212	24E-0644E-06	UI			7.0E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	4.2E-11±2.0E-09	UI			32E-02	µCi/mL	GP	EPIA-013
0	Neptunium-239	2.7E-OW12E-m	UI			2.1E-08	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	1.3E49*O.*-10	UI			1.8E-09	µCi/mL	GP	EPIA-001
o	Potassium-40	1.5E-08±3.0E-08	UI			3.4E-08	µCi/mL	GP	EPIA-013
o	Promethium-144	5.6E-10±1.8E-09	UI			34E-03	µCi/mL	GP	EPIA-013
o	Promethium-146	-1.1E-09±2.3E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
o	Ruthenium-106	3. 1E-09±1.7E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
o	Sodium-22	-1.2E-09±2.1E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
o	Thorium-234	1.0E-07±1.3E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
O	Tin-113	1.4E-09±2.3E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
o	Tritium	-3.0E-07±3.5E-07	UI			6.2E-07	µCi/mL	GP	EPIA-002
o	Yttrium-88	1.3E.104.1E-o2	UI			42E-oS	µCi/mL	GP	EPIA-013
o	Zinc-65	3. 1E-09±2.6E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	-8.7E-10±3.4E-09	UI			6.0E-09	µCi/mL	GP	EPIA-013

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/95
Depth to water: 20.09 ft (6.12 m) below TOC
Water elevation: 259.91 ft (79.2m) msl
pH: 4
Sp. conductance: 65 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 15 gal

Time: 8:35
Water temperature: 21.2°C
Air temperature: 26.4°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: Not *available*

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	1.s10				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	2.1s0				100	µg/L	GE	EPA6010A
o	Actinium-228	8.0E-09±8.9E-09	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-1.8E-09±3.6E-09	UI			5.3E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.4E-09±7.6E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
O	Barium-133	-2.1E-09±3.7E-09	UI			8.0E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	2.1E-09±3.9E-09	UI			6.7E-09	µCi/mL	GP	EPIA-003
O	Carbon-14	2.0E-09±3.9E-09	UI			6.7E-09	µCi/mL	GP	EPIA-003
o	Cerium-144	3.2E-~3±2.1E-08	UI			3.2E-08	µCi/mL	GP	EPIA-013
o	Cesium-134	-4. 1E-10±3.0E-09	UI			4.62-0s	µCi/mL	GP	EPIA-013
o	Cesium-137	6.9E-09±5.6E-09				5.7E-09	µCi/mL	GP	EPIA-013
o	Cobalt-57	9.3E-10A2.7E-06	UI			4.22-06	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.0E-10±2.8E-09	UI			502-0s	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.2E-09±2.4E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
O	Europium-152	8.6E-10±7.8E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
O	Europium-154	-5.0E-09±2.5E-08	UI			4.5E-08	µCi/mL	GP	EPIA-013
O	Europium-155	1.3E-09±1.2E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6.4E-09±1.8E-09				1.3E-09	µCi/mL	GP	EPIA-001
1	Iodine-129	7.2E.1oA.7E-10	UIJ	c		1.4E-09	µCi/mL	GP	EPIA-006
O	Lead-212	0.0E+00	UI			1.2E-08	µCi/mL	GP	EPIA-013
o	Manganese-54	3.9E-11±2.7E-09	UI			4.s2-09	µCi/mL	GP	EPIA-013
O	Neptunium-239	3.3E-09±2.1E-08	UI			3.3E-08	µCi/mL	GP	EPIA-013
O	Nickel-63	-5.5E-09±1.5E-08	UI			3.4E-08	µCi/mL	GP	EPIA-022
O	Nickel-63	-8.4E-09±1.7E-08	UI			3.8E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	8.2E-08±3.8E-09				1.8E-09	µCi/mL	GP	EPIA-001
o	Potassium-40	25E-W*4.7E-05	UI			4.5E-08	µCi/mL	GP	EPIA-013
o	Promethium-144	1.0E-09±2.7E-09	UI			5.1E-09	µCi/mL	GP	EPIA-013
O	Promethium-146	1.9E-09±3.3E-09	UI			6.2E-09	µCi/mL	GP	EPIA-013
o	Ruthenium-106	-3.0E-09±2.5E-08	UI			4.4E-08	µCi/mL	GP	EPIA-013
o	Sodium-22	1.1E-09±2.6E-09	UI			47E-OS	µCi/mL	GP	EPIA-013
2	strontium-w	4.4E-08±1.1E-09				1.7E.1o	µCi/mL	GP	EPIA-004
O	Technetium-99	1. 8E-08±7.5E-09				1.6E-08	µCi/mL	GP	EPIA-005
O	Technetium-99	6.4E-0%69E-OS	UI			1.6E-08	µCi/mL	GP	EPIA-005
o	Thorium-234	1.6E-07±1.4E-07	UI			23E-07	µCi/mL	GP	EPIA-013
O	Tin-113	1.3E-09±3.5E-09	UI			62E-02	µCi/mL	GP	EPIA-013

Well HSL 6D collected on 07/25/95 (cont)

F	Analyte	Result	n	A	B	SOL	Unit	Lab	Method
2	Tritium	5.1E-05±2.2E-08				1 2E-08	µCi/mL	GP	EPIA-002
o	Yttrium-88	-1.5 E-09*3. SE-09	UI			5. 1E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	6 8E-10±5 8E-09	UI			1 . 1E-08	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.5E-09±4.9E-09	UI			9.2E-09	µCi/mL	GP	EPIA-013

WELL HSL 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/95
Depth 10 water: 115.38 ft (35.17 m) below TOC
Water elevation: *173.12* ft *(52.77* m) msl
pH: 6.4
Sp. conductance: 70 µS/cm
Turbidity: 1 NTU
Water evacuated from the wall prbr to sampling: 67 gal

Time: 1047
Water temperature: 22.3°C
Air temperature: 32.2°C
Alkalinity: 22 mg/L
Phenolphthalain alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite • nitrogen	<100				100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	117				60	µg/L	WA	EPA3532
O	Nitrate-nitrite • s nitrogen	120				60	µg/L	WA	EPA353.2
O	PCB 1016	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1016	<1.1				1.1	µg/L	WA	EPA8060
0	PCB 1016	<2.2				22	µg/L	WA	EPA8060
O	PCB 1016	<4.4				4.4	µg/L	WA	EPA8060
0	Pcs 1221	<0.13				0.13	µg/L	GE	EPA8060
0	PCs 1221	<0.13				0.13	µg/L	GE	EPA8060
0	PCs 1221	<2.2				2.2	µg/L	WA	EPA8060
0	PCB 1221	<4.4				44	µg/L	WA	EPA8060
0	PCs 1221	<8.9				8.9	µg/L	WA	EPA8060
0	PCs 1232	<0.13				013	µg/L	GE	EPA8060
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8060
o	PCs 1232	<1.1				1.1	µg/L	WA	EPA8060
0	PCs 1232	<2.2				22	µg/L	WA	EPA8060
0	PCB 1232	<4,4				4.4	µg/L	WA	EPA8060
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8060
0	PCS 1242	<0.13				0.13	µg/L	GE	EPA8060
0	PCS 1242	<1.1				1.1	µg/L	WA	EPA8060
0	PCS 1242	<2.2				2.2	µg/L	WA	EPA8060
0	PCB 1242	<4.4				4.4	µg/L	WA	EPA8060
0	PCB 1240	<0.13				0.13	µg/L	GE	EPA8060
0	PCS 1240	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1246	<1.1				1.1	µg/L	WA	EPA8060
0	PCB 1248	<2.2				2.2	µg/L	WA	EPA8060
0	PCS 1248	<44				4.4	µg/L	WA	EPA8060
0	PCS 1254	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 12S4	<0.13				0.13	µg/L	GE	EPA8060
O	PCB 1254	<1.1		Cl		1.1	µg/L	WA	EPA8060
0	PCB 1254	<2.2		Cl		2.2	µg/L	WA	EPA8060
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1250	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1260	<1,1				1.1	µg/L	WA	EPA8060
0	PCB 1260	<2.2				2.2	µg/L	WA	EPA8060
O	PCB 1260	<4.4				4.4	µg/L	WA	EPA8060
O	Sodium, total recoverable	2,040				100	µg/L	GE	EPA6010A
O	Sodium, total recoverable	2,170		V		4 7	µg/L	WA	EPA200.7
o	Actinium-228	0 0E+00	UI			8.3E-09	µCi/mL	GP	EPIA-013
O	Actinium-228	7 1E-09±9.9E-09	UI			1.8E-08	µCi/mL	TM	EPA901.1M
O	Antimony-124	3.4E-12±1.7E-09	UI			26E-06	µCi/mL	GP	EPIA-013
O	Antimony- 124	-9.6E-10±3.1E-09	UI			46E-06	µCi/mL	TM	EPA901.1M
0	Antimony12s	- 1.4E-09±3.1E-09	UI			S 3E-09	µCi/mL	GP	EPIA-013
O	Antimory-125	-1.7E-09±6.9E-09	UI			1 2E-08	µCi/mL	TM	EPA901.1M
O	Barium-133	8.3E-1 1*16E-03	UI			26E-06	µCi/mL	GP	EPIA-013
0	Barium-133	2.3E-09±3.6E-09	UI			5 8E-09	µCi/mL	TM	EPA901.1M
o	Cerium-144	-4 6E-~ti92E-03	UI			1 6E-08	µCi/mL	GP	EPIA-013
o	Cerium-144	-7.7E-09±1 4E-08	UI			24E-06	µCi/mL	TM	EPA901.1M
O	Caduri- 134	-1 3E-09±12E-09	UI			1 9E-09	µCi/mL	GP	EPIA-013
0	Cesium- 134	-2 2E-10±31E-09	UI			46E-06	µCi/mL	TM	EPA901.1M
0	Cesium- 137	-1.1E-09±1.1E-09	UI			1 8E-09	µCi/mL	GP	EPIA-013
0	Cesium- 137	1.8 E-09±2.7E-09	UI			49E03	µCi/mL	TM	EPA901 1M
0	Cobalt-57	-6 8E-11±13E-09	UI			202 -09	µCi/mL	GP	EPIA-013
o	Cobalt 57	-1.4 E-0%1 1.7E-09	UI			29E-03	µCi/mL	TM	EPA901.1M
0	Cobalt-58	4.0E-10±1.3E-09	UI			24E 09	µCi/mL	GP	EPIA-013
O	Cobalt-58	-8 6E.10i20E@9	UI			4 7E-09	µCi/mL	TM	EPA901 1M

Well HSL 8A collected on 07/26195 (cent)

F	Analyte	Result	R	A	B	SOL	(hit	Lab	Method
0	Cobalt-60	65E-10io 5E-10	UI			1 9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2 IE@3*27E-02	UI			53E-02	µCi/mL	TM	EPA901 1M
0	Europium-152	2.0E03*37E-OS	UI			6.1E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1. 1E-08±1.8E-08	UI			3.3E-08	µCi/mL	TM	EPA901 1M
0	Europium-154	2. 7E-09±1.0E-08	UI			1 9E-08	µCi/mL	GP	EPIA-013
0	Europium- 154	-3.5E-09±8.3E-09	UI			1.4E-08	µCi/mL	TM	EPA901 1M
0	Europium-155	5.7E-09±4.7E-09	UI			86E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.2E-09±5.1E-09	UI			7.8E-09	µCi/mL	TM	EPA901 1M
0	Gross alpha	6 4E-10±5 6E-10	UI			92E-10	µCi/mL	GP	EPIA-013
0	Gross alpha	1.5E-09±1.0E-09	J		L	8 SE-10	µCi/mL	TM	EPA900 0M
0	Iodine-129	-1.2E-09±1.3E-08	UI			2 0E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	44E-03*4.3E-os	UI			36E.09	µCi/mL	GP	EPIA-013
0	Lead-212	4.6E-09±7.0E-09	UI			6.5E-09	µCi/mL	TM	EPA901 1M
0	Manganese-54	-S 8E.1o*1.2E-o2	UI			1 8E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.4E-10±2.7E-09	UI			4 8E-08	µCi/mL	TM	EPA901.1M
0	Neptunium-239	6. 1E-09±8.5E-09	UI			1 sE-W	µCi/mL	GP	EPIA-013
0	Neptunium-239	-3.4E-08±7.2E-08	UI			1.2E-07	µCi/mL	TM	EPA901 1M
0	Nonvolatile beta	1.8E-09±7.9E-10				1 4E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.8E-09±1.8E-09	J		1.	7.8E.1O	µCi/mL	TM	EPA900 0M
0	Potassium-40	2.5E-08±1.3E-08	UI			2.7E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	3.2E-08±3.1E-08	UI			6.2E-08	µCi/mL	TM	EPA901 1M
0	Promethium-144	.3.4E-11*1.4E-02	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	9.7E-10±2.5E-09	UI			4 sE-os	µCi/mL	TM	EPA901 1M
0	Promethium-146	6.7E-11*1.6E-02	UI			2 7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-9.6E-10±3.2E-09	UI			5 5E-09	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	9.0E-09±1.1E-08	UI			20E%6	µCi/mL	GP	EPIA-013
2	Ruthenium-106	4.9E-08±3.9E-08	R			4.3E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	-4.2E-10±1.0E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.3E-09±3.0E-09	UI			4.9E-09	µCi/mL	TM	EPA901.1M
0	Thorium-234	2.8E-08±8.6E-08	UI			7.0E-08	µCi/mL	GP	EPIA-013
0	Thorium-234	t.9E-07±6.6E-08	R		H	5.4E-08	µCi/mL	TM	EPA901.1M
0	Tin-113	-3.4E-10±1.7E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Tin-113	8.5E-1OA4HXI	UI			5.2E-09	µCi/mL	TM	EPA901.1M
0	Tritium	-1.3E-07±2.6E-07	UI			4.5E-07	µCi/mL	GP	EPIA-002
0	Tritium	-8 0E-08±3.0E-07	UI			5.5E-07	µCi/mL	TM	EPA906.0M
0	Yttrium-88	-4.0E- 1O*1.3E-OS	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	2. SE-1 0±2.2E-09	UI			4.4E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	1.4E-09±2.6E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-4.5E-10±6.3E-09	UI			9.6E-09	µCi/mL	TM	EPA901.1M
0	Zirconium-95	1.7E-09±2.4E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	7.9E-10±4.7E-09	UI			8.4E-09	µCi/mL	TM	EPA901.1M

WELL HSL 8A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date **07/26/95**
Depth to wafer: 115.36 **ft (35.17 m) below TOC**
Water elevation: 173.12 **ft** (52.77 m) **msl**
pH: 6.4
Sp. conductance: 70 **µS/cm**
Turbidity: 1 NTU
Water evacuated from **the** was **prior** to **sampling:** 67 gaf

Time: 10:47
water **temperature: 22.3°C**
Air temperature: 32.2°C
Alkalinity: 22 mg/L
Phenolphthalain alkalinity: Not ● @fabfe

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	110				100	µg/L	GE	EPA353.1
O	Nitrate-nitrite e s nitrogen	113				60	µg/L	WA	EPA353.2
O	PCS 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1016	<1.1				1.1	µg/L	WA	EPA8080
0	PCs 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<2.2				2.2	µg/L	WA	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1232	<1.1				1.1	µg/L	WA	EPA8080
0	PCS 1242	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1242	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPM060
o	PCB 1246	<1.1				1.1	µg/L	WA	EPA8080
0	PCS 1254	4.13				0.13	µg/L	GE	EPA8080
O	PCB 12S4	<1.1		c1		1.1	µg/L	WA	EPA6060
o	PCB 1260	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1260	<1.1				1.1	µg/L	WA	EPA6060
0	Sodium, total recoverable	2,130				100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2,230		v		4 7	µg/L	WA	EPA200.7
0	Actinium-228	7OE-1049E-02	UI			1.2E-08	µCi/mL	GP	EPIA-013
O	Actinium-228	1 0E-08±1 .2E-08	UI			2.0E-08	µCi/mL	TM	EPA901 1M

Well HSL 8A collected on 07/26/95 (cont)

F	Analyte	Result	R	4	B	SOL	Unit	Lab	Method
O	Antimony. 124	-0 6E-1043E03	UI			4.0E-09	µCi/mL	GP	EPIA-013
O	Antimony-124	-2 7E-09±2.9E-09	UI			4.6E-09	µCi/mL	TM	EPA901.1M
O	Antimony-125	-2 BE-10*4 7E-09	UI			8.0E-09	µCi/mL	GP	EPIA-013
O	Antimony-125	-1 5E.0346E414	UI			1.1E-08	µCi/mL	TM	EPA901.1M
O	Barium-133	-2.3E-10±2.3E-09	UI			322:0s	µCi/mL	GP	EPIA-013
O	Barium- 133	1.4E-09±3.1E-09	UI			S 5E-09	µCi/mL	TM	EPA901.1M
O	Cerium-144	-1 .8E-09±1.2E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
O	Cerium-144	1.4E-08±1.4E-08	UI			2.5E-08	µCi/mL	TM	EPA901.1M
O	Cesium-134	-8 0E-12±1 8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
O	Cesium-134	-8.8E-10±2.8E-09	UI			4.4E-09	µCi/mL	TM	EPA901.1M
O	Cesium- 137	1.2E-09±1.6E-09	UI			32E.OS	µCi/mL	GP	EPIA-013
O	Cesium-137	1.2E-09±2.6E-09	UI			4.7E-09	µCi/mL	TM	EPA901.1M
O	Cobalt-57	2.7E-10±1.9E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
O	Cobalt-57	3.9E-10±1.6E-09	UI			28E-OS	µCi/mL	TM	EPA901.1M
O	Cobalt-58	-6 8E-10±2.1E-09	UI			3 6E-09	µCi/mL	GP	EPIA-013
O	Cobalt-58	-2.0E-11±2.7E-09	UI			4.8E-09	µCi/mL	TM	EPA901.1M
O	Cobalt-60	-4 7E-10±1.8E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
O	Cobalt-60	-3.0E-10±2.9E-09	UI			5.1E-09	µCi/mL	TM	EPA901.1M
O	Europium-152	2.7E-09±5.7E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
O	Europium-152	-8.8E-09±1.7E-08	UI			3.0E-08	µCi/mL	TM	EPA901.1M
O	Europium-154	6.8E-09±1.7E-08	UI			3.2E-08	µCi/mL	GP	EPIA-013
O	Europium- 154	7.8E-10±7 7E-09	UI			1.4E-08	µCi/mL	TM	EPA901.1M
O	Europium-155	1 SE-*74E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
O	Europium-155	2.SE-0&49E-09	UI			7.5E-09	µCi/mL	TM	EPA901.1M
O	Gross alpha	1.OE-*53E-1O				8.1E.1O	µCi/mL	GP	EPIA-001
O	Gross alpha	1.3E-09±1.0E-09	J		L	7.6E-10	µCi/mL	TM	EPA900.0M
O	Iodine-129	-7.9E-09±1.2E-08	UI			1.8E-08	µCi/mL	TM	EPA901.1M
O	Lead-212	2.5E-10±5.6E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
O	Lead-212	2.3E-09±3.9E-09	UI			6.9E-09	µCi/mL	TM	EPA901.1M
O	Manganese-54	-7.0E-10±1.8E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
O	Manganese-54	1.0E-09±2.5E-09	UI			4.6E-09	µCi/mL	TM	EPA901.1M
O	Neptunium-239	-i .2E-08±1.4E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
O	Neptunium-239	1.3E-08±5.7E-08	UI			9.9E-08	µCi/mL	TM	EPA901.1M
O	Nonvolatile beta	1.8E-09±6.9E-10				1.2E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	5.0E-10±1.5E-09	UI			7<6E-10	µCi/mL	TM	EPA900.0M
O	Potassium-40	1.1E-08±2.5E-08	UI			4.3E-08	µCi/mL	GP	EPIA-013
O	Potassium-40	88E-I&3.6E-06	UI			4.6E-08	µCi/mL	TM	EPA901.1M
O	Promethium-144	3.0E-09±3.0E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
O	Promethium-144	5.0E-10±9 8E-09	UI			4. SE-OS	µCi/mL	TM	EPA901.1M
O	Promethium-146	-1. 1E-09±2.2E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
O	Promethium-146	7. 1E-10±3.2E-09	UI			s 5E-09	µCi/mL	TM	EPA901.1M
O	Ruthenium-106	-1.0E-08±1.5E-08	UI			2. SE-06	µCi/mL	GP	EPIA-013
O	Ruthenium- 106	-1 2E-08±2 4E-08	Lff			4. 0E-08	µCi/mL	TM	EPA901.1M
O	Sodium-22	-5.9E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
O	Sodium-22	26E-1W2 7E-09	UI			4.9E-09	µCi/mL	TM	EPA901.1M
O	Thorium-234	6.4E-08±1.3E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
O	Thorium-234	1.2E-07±3.6E-08	R		H	6.5E-08	µCi/mL	TM	EPA901.1M
O	Tin-113	6.1 E-1 OA2.6E-O2	UI			44E-os	µCi/mL	GP	EPIA-013
O	Tin-113	-5 9E-10±3.3E-09	UI			5.6E-09	µCi/mL	TM	EPA901.1M
O	Tritium	-1 .5E-07±2 6E-07	UI			46E-07	µCi/mL	GP	EPIA-002
O	Tritium	-1 4E-07±2.9E-07	UI			S.5E-07	µCi/mL	TM	EPA906.0M
O	Yttrium-88	-1.9E-09±3.0E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
O	Yttrium-88	3.0E-10±2.4E-09	UI			4.8E-09	µCi/mL	TM	EPA901.1M
O	zinc-m	2.7E-09±3.8E-09	UI			7 1E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	5.0E-09±5.7E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-1.3E-09±4.3E-09	UI			7.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2.0E-09±4.5E-09	UI			7.5E-09	µCi/mL	TM	EPA901.1M

WELL HSL 8AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 112.9S **ft (34.44** m) **below TOC**
Water elevation: 175.81 **ft** (53.59 m) **msl**
pH: Not available
Sp. conductance: Not available
Turbidity Not **available**
The well want dry before **sampling** began.

Time: 11:54
Water temperature: **Not available**
Air tempe rature: Not **available**
Alkalinity: Not a vailabfe
Phenolphthalein alkalinity: Not ● vaffabfe

WELL HSL 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 36.66 ft(11.84 m) below TOC
Water elevation: 249.84 ft(76.15 m) msl
pH: 6.8
Sp. conductance: 129 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior 10 sampling: 46 gal

Time: 10:16
Water temperature: 22.7°C
Air temperature: 30.2°C
Alkalinity: 55 mg/L
Phenolphalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	11,900				100	µg/L	GE	EPA601OA
0	Actinium-228	4.8E-09±7.0E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-1.3E-09±2.2E-09	UI			37E-02	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.2E-09±6.1E-09	UI			8.8E-09	µCi/mL	GP	EPIA-013
0	Barium-133	5.1E-10±2.3E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-9.1E-10±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	9.2E-10±1.7E-09	UI			32E@s	µCi/mL	GP	EPIA-013
0	Cesium-137	1.0E-10±1.9E-09	UI			36E-02	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.5E-09±1.8E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4.1E-10±2.2E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Cohn-so	4.8E-10±2.1E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Europium-152	7.9E-10±5.1E-09	UI			8.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.9E-08±1.9E-08	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-5.0E-09±7.8E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.*--7. 9E-10				7.8E-10	µCi/mL	GP	EPIA-001
0	Lead-212	4 5E-09±4.7E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.2E-10±2.0E-09	UI			37E-02	µCi/mL	GP	EPIA-013
0	Neptunium-239	2.5E-09±1.3E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.0E-09±7.5E-10				1.3E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.8E-09±3.7E-08	UI			4 1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-8.9E-10±1.8E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	6.0E-10±2.3E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-2.5E-09±1.6E-08	UI			22E-06	µCi/mL	GP	EPIA-013
0	sodium.22	1.8E-10±1.5E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
1	Thorium-234	2.3E-07±1.5E-07				1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-1.8E-09±2.6E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Tritium	2.1E-06±3.3E-07				4.6E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	6.7E-10±2.0E-09	UI			43E-02	µCi/mL	GP	EPIA-013
0	Zinc-65	-5.1E-09±3.7E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-3.4E-09±4.2E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013

WELL HSL 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 37.61 ft(11.46 m) 'stow TOC
Water elevation: 251.02ft(76.53 m) msl
pH: 11.2
Sp. conductance: 706 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling 51 gal

Time: 934
Water temperature: 22.5°C
Air temperature: 31°C
Alkalinity: 175 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite e s nitrogen	200				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	14,300				100	µg/L	GE	EPA601OA
0	Actinium-228	-4.9E-10±3.7E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	8.8E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.0E-10±3.0E-09	UI			5.3E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.7E-09±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.3E-09±9.1E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.7E-10±1.3E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.3E-10±1.4E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.0E-10±1.1E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	cobalt-62	6.8E-10±1.3E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60 "	1.5E-10±1.1E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.2E-09±3 1E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-9.5E-09±1.0E-08	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Europium-155	33E-Iti4 8E-09	UI			8.3E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	2.02-0%6 5E-10				7.2E-10	µCi/mL	GP	EPIA-001
0	Lead-212	8.1E-10±5.0E-09	UI			48E-09	µCi/mL	GP	EPIA-013

Well HSL 8C collected on 07/26/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	MetRod
O	Manganese-54	-1.0E-09±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
O	Neptunium-239	-2.3E-09±8.4E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
o	Nonvolatile beta	33E-O2*6OE-1O				9.0E-10	µCi/mL	GP	EPIA-001
o	Potassium-40	28E-06*1.3E-06	UI			2.8E-08	µCi/mL	GP	EPIA-013
o	Promethium-144	5.4E-10±1.2E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
o	Promethium-146	-5 OE-1O*1.5E-O2	UI			2.7E-09	µCi/mL	GP	EPIA-013
o	Ruthenium- 106	-4 1E-09±1 2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
o	Sodium-22	-1.1 E-1 O*1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
o	Thorium-234	3.2E-08±6.7E-08	UI			7.3E-08	µCi/mL	GP	EPIA-013
0	Tin-113	-6.1 E.1O*1.7E-O2	UI			3: 0E-09	µCi/mL	GP	EPIA-013
1	Tritium	1.9E-05±1.1E-06				8.1E-07	µCi/mL	GP	EPIA-002
o	Yttrium-88	-4.3E-10±1.5E-09	UI			23E-02	µCi/mL	GP	EPIA-013
o	Zinc-65	-3.7E-10±2.4E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.5E-09±2.5E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 27.84 ft(8.49 m) below TOC
Water elevation: 260.S6ft(79.51 m) msl
pH: 5
Sp. conductance: 149 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 24 gal

Time: 8:34
Water temperature: 23.2°C
Air temperature: 26.2°O
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	Nitrate-nitrite as nitrogen	14.600				4,000	µg/L	GE	EPA353.1
0	Sodium, total recoverable	21,000				100	µg/L	GE	EPA601OA
0	Actinium-228	0.0E+00	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	4.1E-09±3.4E-09	UI			s 0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.8E-09±4.9E-09	UI			7.8E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.8E-10±2.7E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.0E-08±1.3E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	3.0E-09±2.5E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.1E-09±2.3E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	7.5E-10±1.8E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	9.4E-10±2.3E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	12E-osal.oE-02	In			3.7E-09	µCi/mL	GP	EPIA-013
0	Europium-152	3.6E-09±5.3E-09	UI			9.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-6.5E-09±1.8E-08	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.2E-09±7.5E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.6E-09±1.1E-09	J	C		1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	5.0E-09±4.7E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.8E-10±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4.2E-09±1.3E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
1	Nonvolatile beta	2.8E-09±2.2E-09	J	C		1.6E-09	µCi/mL	(3P	EPIA-001
0	Potassium-40	2.4E-08±2.4E-08	UI			4.8E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.9E-09±1.8E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	3.2E-10±2.6E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.1E-08±1.7E-08	UI			33E-W	µCi/mL	GP	EPIA-013
0	Sodium-22	4.1E-10±1.8E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	9.9E-08±1.6E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-7.6E-10±2.6E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Total Cllvity	1.2E-03±2.6E-05				1.5E-06	µCi/mL	EM	30143-1420
2	Tritium	1.2E-03±6.0E-05				7.6E-06	µCi/mL	GP	EPIA-002
0	Yttrium-88	-4 8E-10±2.3E-09	UI			44E-OS	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.2E-09±4.0E-09	UI			87E-02	µCi/mL	GP	EPIA-013
0	Zirconium-95	-8.8E.1O*4.3E-03	UI			7.6E-09	µCi/mL	GP	EPtA-013

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: 07/16/25
Depth to water: 7.6 ft (2.32 m) below TOC
Water elevation: 274.4ft(83.64m) msl
pH: 6.9
Sp. conductance: 197 µS/cm
Turbidity: 141 NTU

Time: 8:30
Water temperature: 29°C
Air temperature: 30°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

Welt P 260 collected on 07/20/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Toxaphene	<1 0				1 0	µg/L	GE	EPA6060
0	2,4,5-TP (Silvex)	<0.025	J	c		0 025	µg/L	GE	EPA8150
O	1,1,1 -Trichoroethane	<2.0				2 0	µg/L	GE	EPA8240
0	1, 1,2-Trichloroethane	<2 0				2 0	µg/L	GE	EPA6240
0	Trichloroethylene	<2 0				2 0	µg/L	GE	EPA8240
0	Trichlorofluoromethane	<2.0				2 0	µg/L	GE	EPA6240
0	Gross alpha	63E.11*4OE.1O	UI			1 0E-09	µCi/mL	GP	EPIA-001
O	Nonvolatiles beta	QoE-1OA7.7E.1O	UIJ	C		1 6E-09	µCi/mL	GP	EPIA-001
O	Radium, total ● tphaemitling	0 0E+00±3.0E-10	UI			38E.1o	µCi/mL	GP	EPIA-01O
O	Tritium	2.7E-08±4.8E-07				64E-07	µCi/mL	GP	EPIA-002

WELL P 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/95
Depth to water: 94.83 ft (28.9 m) below TOC
Water **elevation**: 161.07 ft (55.9 m) msl
pH: Not available.
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or **mechanical** problem prevented **sample collection.**

Time: 12:52
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL P 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: 06/04/95
Depth to water: 93.62 ft (26.54 m) bdOW TOC
Water elevation: 182.48 ft (55.62 m) msl
pH: 8.7
Sp. conductance: 152 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior **to sampling**: 96 gal

Time: 11:54
Waler **temperature**: 20"C
Air temperature: 33.5*C
Alkalinity: 68 mg/L
Phenolphthalain alkalinity: Not available

ANALYTES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Nitrate-nitrite as nitrogen	<1oo				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	2,620		v		100	µg/L	GE	EPA601oA
0	Actinium-228	9.6E-09±9.4E-09	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	1 3E-W*39E-06	UI			4 8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	6.4E-09±6.6E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Barium-133	-1.4E-09±3.7E-09	UI			5.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	2.2E-09±1.4E-08	UI			26E-06	µCi/mL	GP	EPtA-013
0	Cesium-134	1.0E-09±2.9E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.1E-10±3.0E-09	UI			47E-06	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.4E-09±2.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-3.7E-10±2.8E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.7E-10±2.7E-09	UI			5.1E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.4E-09±6.5E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-2.3E-08±2.5E-08	UI			3.9E-08	µCi/mL	GP	EFIA.013
0	Europium-155	-9.4E-1OAL3E-O6	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.6E-09±8.7E-10				1 1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	0.0E+00	UI			1 0E-08	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.1E-09±2 4E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-7.0E-10±1.5E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile bata	9.9E-10±7.7E-10	UI			1 6E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	38E-W*5.5E-06	UI			4 0E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	0.0E+00	UI			46E-02	µCi/mL	GP	EPIA-013
0	Proma@lturn-146	-3.6E-10±2 9E-09	UI			5 0E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-7.2E-09±2.1E-08	UI			37E-06	µCi/mL	GP	EPIA-013
0	Sodium-22	.2, EE-104.SE-O6	UI			4 6E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	1.9E-08±1.8E-07	UI			1 6E-07	µCi/mL	GP	EPIA-013
0	Tin-113	4.6E-10±3.1E-09	UI			S 5E-09	µCi/mL	GP	EPIA-013
0	Tritium	7.9E-08±3 1E-07	UI			S 4E-07	µCi/mL	GP	EPIA-002
0	Yttrium-66	62E-Iti3 0E-09	UI			6 3E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.6E-09±6 2E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.0E-09±5.5E-09	UI			1 0E-08	µCi/mL	GP	EPIA-013

WELL P 270

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/95
Depth to water: 9.64 ft (2.94 m) below TOC
Water elevation: 286.46 ft (811.22 m) msl
pH: 5.3
Sp. conductance: 24 µS/cm
Turbidity: 2 NTU
Water evacuated from **the well** prior **to sampling**: 114 gel

Time: 12:29
Water temperature: 19.8°C
Air temperature: 32.8°C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	1,s40				100	µg/L	GE	EPA353.1
O	Nitrate-nitrite as nitrogen	160				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	1,470		v		100	µg/L	GE	EPA6010A
O	Actinium-226	5.5E-09±6.4E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
O	Antimony 124	-1.6E-09±2.1E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
o	Antimony-125	-2.2E-09±4.9E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1.7E-09±2.4E-09	UI			33E-06	µCi/mL	GP	EPIA-013
0	Cerium-144	1.1E-09±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
o	Cesium-134	4.1 E-1os1 6E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
o	Cesium-137	46E-09s3 6E-09				3.8E-09	µCi/mL	GP	EPIA-013
o	Cobalt-57	6.1E-10±1.8E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
o	Cobalt-58	.S.2E-1OA.3E4)9	UI			4.0E-09	µCi/mL	GP	EPIA-013
o	Cobalt-60	2.8E-10±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
O	Europium-152	-1.7E-10±5.4E-09	UI			9.3E-09	µCi/mL	GP	EPIA-013
O	Europium-154	-3.3E-10*1.6E4)6	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Europium-155	4.9E-09±7.3E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.2E-09±6 6E-10				8.7E-10	µCi/mL	GP	EPIA-001
0	Lead-212	1.0E-09±4.8E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
O	Manganese-54	-9 8E-10*1.9E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
O	Neptunium-239	-1.5E-09±1.4E-08	UI			22E-W	µCi/mL	GP	EPIA-013
o	Nonvolatile beta	8.6E-10±7 0E-10	UI			1.5E-09	µCi/mL	GP	EPIA-001
o	Potassium-40	1 9E-08±3.2E-08	UI			3.6E-08	µCi/mL	GP	EPIA-013
o	Promethium-144	9.9E- 11*1 9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.7E-1OS23E-O2	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	5.7E-09±1.7E-08	UI			3 2E-08	µCi/mL	GP	EPIA-013
o	sOdhrm-22-	-II.3E-1os2.1E-o3	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	8.4E-09±1.7E-07	UI			1.6E-07	µCi/mL	GP	EPIA-013
O	Tin-113	-1.8E-09±2.7E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
O	Tritium	6.2E-07±3.3E-07				5.4E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	.3.2Ec11 ±2.1E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3. 0E-09±4.2E-09	UI			7.8E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1.4 E-09±3.8E-09	UI			6.6E-09	µCi/mL	GP	EPIA-013

WELL P 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/95
Depth to water: 94.25 ft (28.73 m) below TOC
Water **elevation:** 161.75 ft (55.4 m) msl
pH: 5.2
Sp. conductance: 45 µS/cm
Turbidity: O NTU
Waler **evacuated** from **the well** prior to sampling: 1159 gal

Time: 11:12
Waler **temperature**: 21 .5°C
Air temperature: 23.3°C
Alkalinity: 0 mg/L
Phenolphthalein **alkalinity: Not available**

ANALYTES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353.1
O	Sodium, total recoverable	1,620		v		100	µg/L	GE	EPA6010A
O	Actinium-228	3.6E-09±1 4E-08	UI			2 1E-08	µCi/mL	GP	EPIA-013
O	Antimony 124	-3 8E-09*44E-09	UI			5 9E-09	µCi/mL	GP	EPIA:O13
0	Antimony-125	-1.1E-09±8 2E-09	UI			1 4E-08	µCi/mL	GP	EPIA-013
0	Barium-133	4.7E-09±4.7E-09	UI			73E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.7 E-06*3 6E-08	UI			3 2E 0 6	µCi/mL	GP	EPIA-013
0	Cesium-134	42E-06i3 5E-09	UI			56E -09	µCi/mL	GP	EPIA-013
o	Cesium-137	2.3E-09±2.8E-09	UI			5 1E-09	µCi/mL	GP	EPIA-013
O	Cobalt-57	-1.1E-09±3 2E-09	UI			37E4)6	µCi/mL	GP	EPIA-013
o	Cobalt-58	-1 3E-0%34E4J9	UI			5 8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.7 E-09±2 6E-09	UI			4 5E-09	µCi/mL	GP	EPIA-013
O	Europium-152	-1.2E-08±10E-08	UI			1 6E-08	µCi/mL	GP	EPIA-013
0	Europium-154	4 9E-0%29E 06	UI			5 3E 06	µCi/mL	GP	EPIA-013
0	Europium-155	12E09~79E.09	UI			1 3E 06	µCi/mL	GP	EPIA-013
0	Gross alpha	3 9E 09±12E-09				1 OE 09	µCi/mL	GP	EPIA-001
O	Lead-212	26E 09±7 5E 09	UI			1 1E 08	µCi/mL	GP	EPIA-013

Well P 27 T A collected on 08/03/95 (cent)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Manganese-54	2 3E-11±2 8E-09	UI			5 0E 09	µCi/mL	G P	EPIA-013
0	Neptunium-239	62E4)2*2 1E-08	UI			2 7E-08	µCi/mL	G P	EPIA-013
0	Nonvolatile beta	5 1E-09±11E 09				1 5E-09	µCi/mL	G P	EPIA-001
0	Potassium-40	3ttE@5*25E-06	UI			5 1E-08	µCi/mL	GP	EPIA-013
0	Promethium 144	2.2E-10*2.5E-O9	UI			44E-09	µCi/mL	G P	EPIA-013
0	Promethium 146	-2 0E-09±3.6E-09	UI			6 1E-09	µCi/mL	G P	EPIA-013
0	Ruthenium- 106	1.3E-09±2.4E-08	UI			43E-05	µCi/mL	GP	EPIA-013
0	sodium-22	·2 6E-10±2.8E-09	UI			50E@9	µCi/mL	G P	EPIA-013
0	Thorium-234	1.2E-07±1.3E-07	UI			1 9E-07	µCi/mL	G P	EPIA-013
0	Tin-113	·3 1E-12±4 2E-09	UI			7 2E-09	µCi/mL	GP	EPIA-013
0	Tritium	·2.7E-08±3.2E-07	UI			5 5E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	5.3E-10±1.6E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.6E-09±6.8E-09	UI			1 3E-06	µCi/mL	GP	EPIA-013
0	Zirconium-95	-6.OE-0%54E.09	UI			8.4E-09	µCi/mL	GP	EPIA-013

WELL P 27TB .

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/2s/95
Depth to water: 93.13 ft (28.39 m) below TOC
Watw **elevation:** 182.37 ft (55.59 m) met
pH: Not **available**
Sp. conductance: Not available
Turbidity: Not **available**
Inaccessibility or mechanical **problem** prevented **sample** collection.

Time: 12:11
Waler **temperature: Not** available
Air temperature: Not **available**
Alkalinity: Not available
Phenolphthalein alkalinity: Nd **available**

WELL P 27TC

MEASUREMENTS **CONDUCTED** IN THE **FIELD**

Sample date 06/04/95
Depth to water: 93.31 ft (28.44 m) below TOG
Water elevation: 182.49 ft (55.62 m) mat
pH: 5.8
Sp. conductance: 57 µS/cm
Turbidity: 1 NTU
Water evacuated from **the** welt prior to **sampling:** 720 gal

Time: 11:15
Water temperature: 21 "C
Air **temperature: 32.4°C**
Alkalinity: 9 mg/L
Phenolphthalein **alkalinity:** Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<1oo				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	1,100		v		100	µg/L	GE	EPA601OA
0	Actinium-228	8.2E-09±8.8E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Actinium-228 "	5.5E-10±7.5E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	2.IE-11*2.2E-06	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	2.8E46*22E-06	UI			43E-06	µCi/mL	GP	EPIA-013
0	Antimony-125	5. 1E-10±4.8E-09	UI			8 8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2 9E-10±5.3E-09	UI			9.02-09	µCi/mL	GP	EPIA-013
0	Barium-133	.9.2E-104.5E-o9	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	42E-I&2.3E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.1E-10±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-3 2E-09±1.3E-08	UI			23E-m	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.7E-10±1.7E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	2.2E-09±1.7E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.5E-09±1.7E-09	UI			34E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.9E-10±1.9E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	9.2E-10±1.7E-09	UI			302-06	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.7E-10±1.8E-09	UI			222-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-6 2E-10±2 0E-09	UI			3 5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	- 1.9E-09±2.3E-09	UI			36E-OS	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.4E-09±2.8E-09	UI			37E-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.9E-1O*1.6E-O9	UI			29E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.1E-09±5.5E-09	UI			9 1E-09	µCi/mL	GP	EPIA-013
0	Europium- 152	4. 1E-09±5.2E-09	UI			9 sE-OS	µCi/mL	GP	EPIA-013
0	Europium-154	-6 4E-09±1.6E-08	UI			29E-~	µCi/mL	GP	EPIA-013
0	Europium-154	-7.6E-09±2.3E-08	UI			33E-05	µCi/mL	GP	EPIA-013
0	Europium-155	1.8E-09±6.7E-09	UI			12E-05	µCi/mL	GP	EPIA-013
0	Europium-155	4.9E-I&72E-03	UI			12E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	26E-*1 02-03				8.2E-10	µCi/mL	GP	EPIA-001
0	Lead-212	1 0E-09±3.8E-09	UI			65E-09	µCi/mL	GP	EPIA-013
0	lead-212	7.8E-10±5.4E-09	UI			6 9E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-5.9E-10±2.1E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	63E-I&2.OE-02	UI			37E:03	µCi/mL	GP	EPIA-013
0	Neptunium-239	2.0E-09±1.2E-08	UI			2 1E-08	µCi/mL	GP	EPIA-013
0	Neptunium-239	·9.9E-09±1.3E-08	UI			2 0E-08	µCi/mL	GP	EPIA-013

Well P 27TC collected on 08104/95 (cent)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nonvolatile beta	5 0E-09±12E-09				1.7E-09	µCi/mL	GP "	EPIA-001
o	Potassium-40	59E-05*3 4E-08				23E.os	µCi/mL	GP	EPIA-013
o	Potassium-40	2 1E46*35E-06	UI			4. 0E-08	µCi/mL	GP	EPIA-013
o	Promethium- 144	3.7E-10±1.9E-09	UI			3 sE-os	µCi/mL	GP	EPIA-013
0	Pfomethiurm144	·3 8E-10±1.9E-09	UI			34E-oS	µCi/mL	GP	EPIA-013
o	Promethium- 146	.77E- 10±2 4E-09	UI			3 BE-06	µCi/mL	GP	EPIA-013
O	Promethium-146	-1.5E-10±2.4E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
o	Ruthenium-106	56E-02* 1.6E-08	UI			3 0E-08	µCi/mL	GP	EPIA-013
0	Ruthenium- 106	1. 1E-08±1.7E-08	UI			33E-06	µCi/mL	GP	EPIA-013
0	Sodium-22	-4 7E-10±1 8E-09	UI			33E-06	µCi/mL	GP	EPIA-013
o	Sodium-22	-3.9E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
O	Thorium-234	65E-06* 1 4E-07	UI			1.5E-07	µCi/mL	GP	EPIA-013
O	Thorium-234	4.6E-08±1.5E-07	UI			16E-07	µCi/mL	GP	EPIA-013
O	Tin-113	-6.5E-10±2 SE-03	UI			4 sE-06	µCi/mL	GP	EPIA-013
O	Tin-113	-4 4E-10±2 6E-09	UI			43E@s	µCi/mL	GP	EPIA-013
O	Tritium	-2 3E-07±3 OE-07	UI			S 4E-07	µCi/mL	GP	EPIA-002
o	Yttrium-so	-6.2 E-1 OQ.4E-O9	UI			44E-06	µCi/mL	GP	EPIA-013
o	Yttrium-88	6. 1E-10±2.2E-09	UI			4 5E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1 6E-09±3 1E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
O	Zinc-65	-3.4E-09±3.8E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1 9E-09±3 8E-09	UI			73E-OS	µCi/mL	GP	EPIA-013
o	Zirconium-95	3.3E-09±3.7E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013

WELL P 27TD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/95
Depth to water: 93.7 ft (28.56 m) below TOC
Water elevation: 88.1 ft (55.5 m) msl
pH: Lance ' 66 µS/cm
Turbidity: 1 NTU
Water evacuated from **the** welt prior to **sampling:** 540 gal

Time: **13:30**
Water temperature: 21 .4°C
Air temperature: 31 .3°C
Alkalinity: 13 mg/L
Phenolphthalein alkalinity: **Not available**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	<log				100	µg/L	GE	EPA353.1
0	Sodium, tdat recoverable	1,160		v		100	µg/L	GE	EPA6010A
0	Actinium-228	5.6E-09±9.0E-09	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-9.6E-10±3 0E-09	UI			52E-os	µCi/mL	GP	EPIA-013
0	Antimony-125	.4.6E-02A62E-06	UI			9.9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1 .2E-06:33E.02	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.6E-09±1.4E-08	UI			2.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.6E-10±2.4E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.2E-11±2.4E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.8E-10±2.1E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	2.6E-09±2.9E-09	UI			5.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.2E-10±2.7E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.4E-09±6.7E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Europium-154	1.OE-UJ*25E-06	UI			4.2E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.3E-09±8.6E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.0E-09±6.5E-10				6.4E.1O	µCi/mL	GP	EPIA-001
0	Lead-212	3.2E-08±9.9E-09				65E.09	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.4E-10±2.3E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4.2E-09±1.5E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile bate	2.6E-09±8.9E-10				1 5E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	5.1E-08±6.1E-08	UI			43E-06	µCi/mL	GP	EPIA-013
0	Promethium-144	1.9E-09±2.9E-09	UI			45E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.7E-10±2.9E-09	UI			5 0E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	9.9E-10±2.4E-08	UI			36E.06	µCi/mL	GP	EPIA-013
0	Sodium-22	-5.8E-10±2.3E-09	UI			3E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	5.9E-08±2.2E-07	UI			: 5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-1 .OE-09*36E-OS	UI			6 0E-09	µCi/mL	GP	EPIA-013
0	Tritium	-3 3E-06e32E.07	UI			5 5E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.6E-09±3.9E-09	UI			696-69	µCi/mL	GP	EPIA-013
0	Zinc-65	1.8E-09±4.9E-09	UI			9 7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-7.4 E-1o*5 3E-09	UI			95E09	µCi/mL	GP	EPIA-013

WELL P 27TE

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/95
Depth to water: 93.49 ft (28.5 m) below TOC
Water elevation: 182.21 ft (55.54 m) msl
pH: 6.6
Sp. conductance:
Turbidity: 69 NTU 107 µS/cm
Water evacuated from the watt prior to sampling: 509 gal

Time: 10:14

Water temperature: 20.7°C
Air temperature: 31.6°C
Alkalinity: 35 mg/L
Phenolphthalein alkalinity: I
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	Sal.	Unit	Lab	Method
0	Nitrate-nitrite e s nitrogen	<10[]				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	4.050				100	µg/L	GE	EPA6010A
0	Actinium-228	6.7E-09±7.2E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-2.8E-10±3.6E-09	UI			402-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-8.7E-12±5.0E-09	UI			65E-06	µCi/mL	GP	EPIA-013
0	Barium-133	-1.2E-09±2.4E-09	UI			402-02	µCi/mL	GP	EPIA-013
0	Cerium-144	6.3E-09±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.0E-09±2.1E-09	UI			292-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.6E-09±2.2E-09	UI			30206	µCi/mL	GP	EPIA-013
0	Cobs@-S7	-1.2E-09±1.6E-09	UI			26E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	2.9E-10±2.1E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.6E-11±2.2E-09	UI			402-09	µCi/mL	GP	EPIA-013
0	Europium-152	4.0E-09±5.0E-09	UI			86E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-7.5E-09±2.4E-08	UI			34E-06	µCi/mL	GP	EPIA-013
0	Europium-155	7.1E-10±6.7E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross lph»	1.0E-09±7.2E-10	UI			1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	0. 0E+00	UI			8 2E-OS	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.7E.1O*1.7E.O9	UI			302-02	µCi/mL	GP	EPIA-013
0	Neptunium-239	46E-09*1 .2E-08	UI			2 0E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	39E@9*I 02-06	J	c		1 5E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.3E-08±2.4E-08	UI	v		49E-06	µCi/mL	GP	EPIA-013
0	Promethium-144	-1 0E-09±19E-09	UI			32E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.0E-09±2.5E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1 4E-~*22E46	UI			2 9E-08	µCi/mL	GP	EPIA-013
0	sodium-22	1.0E-09± 1. SE-09	UI			3 8E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	0.0E+00	UI			1 5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-2.2E-09±2.7E-09	UI			4 2 E &	µCi/mL	GP	EPIA-013
0	Tritium	1.7E-07±3.2E-07	UI			5 4E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-3.8E-10±2.6E-09	UI			49E-02	µCi/mL	GP	EPIA-013
0	Zinc-65	5.OE-1OS4.SE-O9	UI			6 0E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.1E-09±3.5E-09	UI			6.4E-09	µCi/mL	GP	EPIA-013

Well PAC I coil.cmd on07/11/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nonvolatile belt	18E-09±1 6E os	J		L	76E-10	µCi/mL	TM	EPA900 0M
O	Nonvolatile beta	8 0E-10±15E-09	UI			7.6E-10	µCi/mL	TM	EPA900 0M
O	Radium, total alpha-emitting	1 0E-10±1 0E-10	UI			1.1E-10	µCi/mL	T M	EPA903 0M
O	Radium, total alpha-emitting	1 0E-10±1 0E-10	UI			1 1E-10	µCi/mL	T M	EPA903 0M
O	Tritium	26E-06~5 3E-07				66E-07	µCi/mL	T M	EPA906 0M
O	Tritium	2OE-06i46E-07				6.4E-07	µCi/mL	T M	EPA906 0M

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample*. 07/11/95
Depth to water: 11.4 ft (3.47 m) below TOC
Water elevation: 284.5ft (86.72m) msl
pH: 5.4
Sp. conductance: 32 µS/cm
Turbidity: 17 NTU
Water evacuated from the well prior to sampling: 176 gal

Tires: 11:57
Water temperature: 21.5°C
Air temperature: 34.1°C
Alkalinity: 6 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	n	A	B	SOL	Unit	Lab	Method
0	pH	5.6	J	Q		0.10	pH	WA	EPA1501
2	Aluminum, total recoverable	291		V		07	µg/L	WA	EPA200.7
0	Arsenic, total recoverable	1.8	JV	EV		12	µg/L	WA	EPA200.7
0	Barium, total recoverable	17				7.4	µg/L	WA	EPA200.7
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	EPA200.7
0	Chromium, total recoverable	3.3	J	E		10	µg/L	WA	EPA200.7
2	Iron, total recoverable	300				26	µg/L	WA	EPA2007
0	Lead, total recoverable	16				13	µg/L	WA	EPA2007
0	Manganese, total recoverable	9.9				5 7	µg/L	WA	EPA200.7
0	Mercury, total recoverable	0.001	J	EX	P	0 67	µg/L	WA	EPA245 1
0	Mercury, total recoverable	<067		X	P	0.67	µg/L	WA	EPA245 1
0	Nitrate-nitrite e s nitrogen	477	J	L		60	µg/L	WA	EPA3532
0	Selenium, total recoverable	<19				19	µg/L	WA	EPA2007
0	Silver, total recoverable	0 2 2	J	E		14	µg/L	WA	EPA2007
0	Sodium, total recoverable	S.11O		V		4 7	µg/L	WA	EPA2007
0	Sulfate	1.760				979	µg/L	WA	EPA300 O
0	Gross lph»	1 1E-09±7 0E-10	J	v	L	5 5E-10	µCi/mL	TM	EPA900 OM
0	Nonvolatile beta	2.7E-09±1.5E-09				65E-10	µCi/mL	TM	EPA900 0M

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 0111195
Depth to water: 13.37 ft (4.08 m) below TOC
Water elevation 2211.63ft (682.73m) msl
pH: 6.2
Sp. conductance: 68 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 131 gal

Time: 10:09
Water temperature: 21.3°C
Air temperature: 28.4°C
Alkalinity: 22 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	6 5	J	Q		0 1 0	pH	W A	EPA150 1
0	pH	6.5	J	0		0.10	pH	WA	EPA1501
2	Aluminum, total recoverable	98	V	V		87	µg/L	W A	EPA200.7
0	Arsenic, total recoverable	4.9	JV	EV		12	µg/L	WA	EPA2007
0	Barium, total recoverable	24				7.4	µg/L	W A	EPA200.7
o	Cadmium, total recoverable	<4.7				4.7	µg/L	W A	EPA200.7
0	Chromium, total recoverable	<1o				10	µg/L	W A	EPA200.7
2	Iron, total recoverable	9,690				26	µg/L	WA	EPA2007
0	Lead, total recoverable	2.6	J	E		13	µg/L	W A	EPA200.7
2	Manganese, total recoverable	66				5.7	µg/L	WA	EPA2007
o	Mercury, total recoverable	<0.70				0.70	µg/L	W A	EPA245 1
0	Nitrate-nitrite as nitrogen		R	4		60	µg/L	WA	EPA3S32
0	Selenium, total recoverable	<19				19	µg/L	W A	EPA200.7
0	Silver, total recoverable	0.34	J	E		1.4	µg/L	W A	EPA200 7
0	Sodium, total recoverable	4,540		V		4.7	µg/L	W A	EPA200.7
0	Sulfate	7,1s0				979	µg/L	WA	EPA300 O
0	Gross alpha	4.0E-10±5 0E-10	UI	v		5 9E-10	µCi/mL	T M	EPA900 0M
0	Nonvolatile beta	3.9E-09±1 6E-09				6.7E-10	µCi/mL	T M	EPA900 0M
0	Radium, total alpha-emitting	2.0E-10±2.0E-10				1.0E-10	µCi/mL	TM	EPA903 0M
0	Tritium	-1.0E-07±3.6E-07	UI			6.6E-07	µCi/mL	TM	EPA906 0M

WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sampldale: 07/11/95
Depth to water: 18.13 ft (5S3 m) below TOC
Water elevation: 271.77 ft(82.84 m) msl
pH: 5.7
Sp. conductance: 148 µS/cm
Turbidity: 2 NTU
Water evacuated from the wall prior to sampling: 161 gal

Time: 5:50
Water temperature: 19.8°C
Air temperature: 23.7°C
Alkalinity: 17 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.9	J	Q		0.10	pH	WA	EPA150 1
2	Aluminum, total recoverable	137		v		67	µg/L	WA	EPA2007
0	Arsenic, total recoverable	3.5	JV	EV		12	µg/L	WA	EPA2007
0	Barium, total recoverable	36				7.4	µg/L	WA	EPA200 7
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	EPA2007
0	Chromium. total recoverable	<to				10	µg/L	WA	EPA2007
2	Iron, total recoverable	3,330				26	µg/L	WA	EPA2007
0	Lead, total recoverable	4 6	J	E		13	µg/L	WA	EPA2007
0	Manganese, total recoverable	7.5				5 7	µg/L	WA	EPA2007
0	Mercury, total recoverable	<070				0.70	µg/L	WA	EPA245 1
0	Nitrate-nitrite as nitrogen	1,120	J	L		60	µg/L	WA	EPA3532
0	Selenium, total recoverable	<19				19	µg/L	WA	EPA200 7
0	Silver, total recoverable	<1 4				1 4	µg/L	WA	EPA200 7
0	Sodium, total recoverable	19,500		v		4 7	µg/L	WA	EPA2007
0	Sulfate	34,400				979	µg/L	WA	EPA300 O
0	Gross alpha	10E-09±7 OE-10	J	V	L	7 2E-10	µCi/mL	TM	EPA900 0M
0	Nonvolatile beta	1 1E-09±1 3E-09	UI			6 9E-10	µCi/mL	TM	EPA900 0M
0	Radium, total alpha emitting	2 0E-10±2 0E-10				1 0E-10	µCi/mL	TM	EPA903 0M
0	Tritium	52E.06e6 3E-07				6 5E-07	µCi/mL	TM	EPA906 0M

Well P 27D collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	E A300
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	E A8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	E A8080
0	PCs 1248	4.13				0.13	µg/L	GE	E A8080
0	PCB 12s4	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	cl		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420
0	Potassium, total recoverable	462	J	EV		500	µg/L	GE	E A60 0A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA60
0	Silica, total recoverable	16,7(MI	J	CV		100	µg/L	GE	EPA60
0	Silver. total recoverable	<2.0				2.0	µg/L	GE	EPA60 0A
0	Sodium, total recoverable	1,530		v		100	µg/L	GE	EPA60 0A
0	Sulfate	441	J	E		1,000	µg/L	GE	EPA300 0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA60 0A
0	Toluene	<0.13		V		*0.s0*	µg/L	GE	EPA8260
0	Total dissolved solids	6,000	J	C		5,000	µg/L	GE	EPA 60
0	Total organic carbon	<1,000				1,000	µg/L	GE	EPA4
0	Total organic halogens	<5.8		v		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<50		v		50	µg/L	GE	EPA9020B
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA365
0	1,1,2-Trichloroethane	<0.050				*0.050*	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				*0.050*	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	2.9	J	E		10	µg/L	GE	EPA8260
0	Zinc, total recoverable	<15		v		5.0	µg/L	GE	EPA60 0A
0	Actinium-228	9.9E-10±5.0E-09	UI			9.0E-09	µCi/mL	GP	EPA60 0A
0	Americium-241	-1.2E-11±9.7E-11	UI			3.7E-10	µCi/mL	GP	EPIA-0
0	Antimony-124	1.6E-09±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPI -0
0	Antimony-125	-5.3E-10±3.9E-09	UI			6.9E-09	µCi/mL	GP	EPI -0
0	Barium-133	-1.1E-09±2.3E-09	UI			3.2E-09	µCi/mL	GP	EPIA-0
0	Cerium-144	2.5E-09±1.0E-08	UI			1.8E-08	µCi/mL	GP	EPIA-0
0	Cesium-134	3.7E-10'A1.5E-03	UI			2.4E-09	µCi/mL	GP	EPI
0	Cesium-137	+.3E-lw14E42	UI			2.4E-09	µCi/mL	GP	EPI
0	Cobalt-57	-5.6E-10±1.4E-09	UI			2.3E-09	µCi/mL	GP	EPI -0
0	Cobalt-58	4.7E-10±2.0E-09	UI			3.2E-09	µCi/mL	GP	EPIA-0
0	Cobalt-60	3.8E-10OI.4E-O9	UI			2.6E-09	µCi/mL	GP	EPI
0	Curium-242	4.3E-11±1.0E-10	UI			2.4E-10	µCi/mL	GP	EPI
0	Curium-243/244	1.2E-1U1.8E-1O	UI			3.7E-10	µCi/mL	GP	EPI
0	Curium-245/246	0.0E+00	UI			1.3E-10	µCi/mL	GP	EPI
0	Europium-152	-2.7E-09±4.5E-09	UI			7.3E-09	µCi/mL	GP	EPIA-0
0	Europium-154	6.4E-10±3.9E-09	UI			7.3E-09	µCi/mL	GP	EPIA-
0	Europium-155	7.3E-09±5.9E-09	UI			1.1E-08	µCi/mL	GP	EPIA-0
0	Gross alpha	7.1E-10±3.0E-10				3.7E-10	µCi/mL	GP	EPIA-00
0	Gross alpha	5.8E-1U.8E-1O				3.6E-10	µCi/mL	GP	E IA-00
0	Iodine-129	2.8E-10±1.1E-09	UI			1.9E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			5.4E-09	µCi/mL	GP	EPIA-0
0	Manganese-54	1.5E-09±1.9E-09	UI			2.4E-09	µCi/mL	GP	EPIA-0
0	Neptunium-237	6.6E-11±7.9E-11	UI			1.4E-10	µCi/mL	GP	EPIA-0
0	Neptunium-239	-1.4E-09±1.0E-08	UI			1.8E-08	µCi/mL	GP	EPI -0
0	Nonvolatile beta	3.4E-1u7.2E-1O	UI			1.2E-09	µCi/mL	GP	EPI -00
0	Nonvolatile beta	9.5E-10±6.4E-10	UI			1.1E-09	µCi/mL	GP	EPI -00
0	Plutonium-238	1.3E-10±7.3E-11	UI	v		6.8E-11	µCi/mL	GP	E
0	Plutonium-239/240	2.2E-10±9.2E-11				5.6E-11	µCi/mL	GP	EPIA-0
0	Potassium-40	1.2E-08±1.8E-08	UI			35E.W	µCi/mL	GP	EPI
0	Promethium-144	-2.8E-10±1.4E-09	UI			2.5E-09	µCi/mL	GP	EPI
0	Promethium-146	.7.3E.104OE-O2	UI			3.0E-09	µCi/mL	GP	EPIA
0	Radium, total alpha-emitting	1.0E-10±3.0E-10	UI			4.0E-10	µCi/mL	GP	EPI
0	Ruthenium-106	-1.2E-11±1.5E-08	UI			2.3E-08	µCi/mL	GP	PI
0	sodium-22	2.3E-10±1.4E-09	UI			2.6E-09	µCi/mL	GP	EPI
0	Strontium-90	8.7E-ILk65E-10	UI			9.9E-10	µCi/mL	GP	EPI 004
0	Technetium-w	36E-0W7.9E-03	UI			1.9E-08	µCi/mL	GP	EPI 005
0	Thorium-228	1.6E-11*6.5E-1 1	UI			1.6E-10	µCi/mL	GP	EPI
0	Thorium-2~	5.8 E-1 1±7.8E-11	UI	v		1.5E-10	µCi/mL	GP	EPI
0	Thorium-232	-2.8E-13±2.9E-11	UI			1. OE-10	µCi/mL	GP	EPI
0	Thorium-234	1.7E-08±1.0E-07	UI			1 2E-07	µCi/mL	GP	EPI
0	Tin-113	-1.2E-09±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPI
0	Tritium	9.3E-08±4 0E-07	UI			6.8E-07	µCi/mL	GP	PI 002
0	Uranium-233/234	1.4E-ltk7.3E-11				6.4E-11	µCi/mL	GP	PI
0	Uranium-235	-4.2E-12±8.5E-12	UI			5.32-11	µCi/mL	GP	
0	Uranium-238	8.6E- 11:5.7E-11				5.3E-11	µCi/mL	GP	PI
0	Yttrium-88	7.0E-10±1.6E-09	UI			32E-OS	µCi/mL	GP	PI
0	Zinc-65	-3.0E-09±3.6E-09	UI			6.0E-09	µCi/mL	GP	PIA

Well P 270 collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Zirconium-95	1 .8E-09±2.7E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013

WELL PDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/95
Depth to water: 36.66 ft (1.79 m) below TOC
Water elevation: 260.12ft(85.3S m) msl
pH: 4.9
Sp. conductance: 34 µS/cm
Turbidity: O NTLJ
Water evacuated from the well prior 10 sampling: 49 gal

Time: 11:19
Water temperature: 21.1°C
Air temperature: 20.7°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.0	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	5.0	J	o	L	0.010	pH	GE	EPA150.1
0	Specif10 conductance	35				*0.30*	µS/cm	GE	EPA120.1
0	Specifk conductance	3s				0.30	µS/cm	GE	EPA120.1
2	Aluminum, total recoverable	100				20	µg/L	GE	EPASO1OA
0	Arsenic, total recoverable	<4.6		V		5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	13	J	E		25	µg/L	GE	EPA601oA
0	Barium, total recoverable	8.3				3.0	µg/L	GE	EPA6010A
0	Boron, total recoverable	<50				50	µg/L	GE	EPASO1OA
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	474				20	µg/L	GE	EPA6010A
0	Chloride	1,740				250	µg/L	GE	EPA300.0
0	Chloride	1,750				250	µg/L	GE	EPA300.0
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	22				18	µg/L	GE	EPAI301oA
0	Lead, total recoverable	<1oo				100	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA501oA
0	Magnesium. total recoverable	585				20	µg/L	GE	EPA6010A
0	Manganese, total recoverable	9.8	J	E		10	µg/L	GE	EPA601OA
0	Manganese, total recoverable	6.0				2.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.038		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Nitrate-nitrite as nitrogen	2,360				100	µg/L	GE	EPA353.1
0	Potassium, total recoverable	72	J	E		500	µg/L	GE	EPASO1OA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	6,970				100	µg/L	GE	EPA6010A
0	Silver, total recoverable	<11		v		25	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	3,730		V		100	µg/L	GE	EPA6010A
0	Sulfate	184	J	E		1,000	µg/L	GE	EPA300.0
0	Sulfate	178	J	E		1,000	µg/L	GE	EPA300.0
0	Total dissolved solids	22,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	1,240		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	4.8	J	E		10	µg/L	GE	EPA9020A
0	Total phosphates(as P)	<50				50	µg/L	GE	EPA365.3
0	Gross alpha	2.1E-10±4.0E-10	UI			6.9E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.7E-10±7.4E-10	UI			1.5E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.8E-05±4.2E-06				2.4E-08	µCi/mL	GP	EPIA-002

WELL PDB. 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 10/20/95
Depth to water: 40.54 ft (1.36 m) below TOC
Water elevation: 278.36ft(84.85 m) msl
pH: 4.7
Sp. conductance: 76 µS/cm
Turbidity: 59 NTU
Water evacuated from the well prior 10 sampling: 8 gal

Time: 12:48
Water temperature: 24.7*C
Air temperature: 26.8°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: O mg/L

Well P 27C collected on 12/21/9S (cont.)

F	Analyte	Re	R	A	B	sol.	Unit	Lab	Method
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	227				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA601OA
0	load, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	443				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	1.2	J	EV		2.0	µg/L	GE	EPMo1OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, ot ecove ble	<lo				10	µg/L	GE	EPA601OA
0	Nitrate as nitrogen	26	J	Q	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	<30		V		50	µg/L	GE	EPA353.1
0	Nitrite e s nitrogen	<s.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPMOSO
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA6060
0	PCS 1260	<0.13	J	cl		0.13	µg/L	GE	EPA6060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,000		v		500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<2.3		V		5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	34,200	J	CV		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2,010		v		100	µg/L	GE	EPA601OA
0	Sulfate	1,030				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	<0.11		V		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	64,000	J	C		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1.410		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<lo				10	µg/L	GE	EPA90208
0	Total phosphates (as P)	1300				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.69	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<4 6		v		5.0	µg/L	GE	EPA601OA
0	Actinium-228	7.1E-09±5.7E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Americium-241	5.5E-11±7.9E-11	In			1.5E-10	µCi/mL	GP	EPtA-011
0	Antimony-124	1.7E-09±2.4E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	2.5E-09±3.8E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013
0	Barium-133	7.0E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	4.1E-09±1.1E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.6E-09±1.9E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.3E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.0E-10±1.4E-09	in			2.3E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-5.5E-10±1.7E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.2E-09±1.3E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.0E-11±5.1E-11	UI			1.2E-10	µCi/mL	GP	EPIA311
0	Curium-243/244	4.5E-114.8E-1 1	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-1.0E-11±1.4E-11	UI			7.7E-11	µCi/mL	GP	EPtA-011
0	Europium-152	1.1E-09±4.3E-09	UI			7.5E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.7E-09±3.7E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013
0	Europium-155	8.3E-1OM.2E-O2	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	4.4E-10±4.3E-10	UI			7.7E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	5.8E-1W6.3E-1O	UI			1.6E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.9E-09±4.7E-09	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	2.9E-09±1.7E-09				2.7E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	5.OE-1IA.3E-11	UI			1.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-5.5E-09±1.1E-08	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.9E-09±6.9E-10				1.2E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	9.2E-11*1.3E-1O	UI	v		2. 5E-10	µCi/mL	GP	EPIA-012
o	Plutonium-239/240	1.5E-10±1 4E-10	UI			2.0E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	2.8E-08±1.8E-08	UI			3.8E-08	µCi/mL	GP	EPIA-013
0	Promathlurrr-144	3.9E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Promethium- 146	3.2E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
o	Radium, total alpha-emitting	-1.0E-10±3.0E-10	UI			4.OE-10	µCi/mL	GP	EPIA-01O
0	Ruthenium- 106	8.7E-09±1.7E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-9.6E-10±1.3E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-9.5E-1W.5E-1O	UI			7.5E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-5.5E-09±6.8E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-1.7E-11±5.2E-11	UI			1.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	4.2E-11*5.3E-1 1	UI	v		8.1E-11	µCi/mL	GP	EPIA-012

Well P 27C collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Thorium-232	0.0E+00	UI			4.6E-1 1	µCi/mL	GP	EPIA-012
0	Thorium-234	52E-t&l 1E-07	UI			1 4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	7.1E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
O	Tritium	-2.4E-07±3.8E-07	UI			6.8E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.6E-11±5.5E-11				6.4E-11	µCi/mL	GP	EPIA-01 1
0	Uranium-235	2.0E-11±2.9E-11	UI			3.K-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.0E-11±2.0E-11	UI			3.1E-1 1	µCi/mL	(3P	EPIA-011
0	Yttrium-88	6.3E-10±1.8E-09	UI			36E-03	µCi/mL	GP	EPIA-013
o	Zinc-65	-5.4E-09±3.2E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	9.2E-10±2.3E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013

WELL P 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/ss
Depth to water: 10.05 ft (3.06 m) below TOC
Water elevation: 266.05 ft (81.09 m) msl
pH: 5
Sp. conductance: 22 µS/cm
Turbidity: 2 NTU
No water was evacuated from tha well prior to sampling.

Time: 11:20
Water temperature: 15°C
Air temperature: 5.2°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.4	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	23				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	44.1		V		1,000	mg/L	GE	EPA31O.1
0	Alkalinity (as CaCO3)	<4.1		V		1,000	mg/L	GE	EPA310.1
2	Aluminum, total recoverable	267				20	µg/L	GE	EPA601oA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Arsenic, total recoverable	<s.0				5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	17				3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.27	J	E		3.0	µg/L	GE	EPASO1OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.33	J	E		2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	2,380		V		20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,470		V		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	5.7				4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	0.82	J	E		4.0	µg/L	GE	EPA601OA
0	Copper, ot ecoverable	5.2				4.0	µg/L	GE	EPA6010A
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	4.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	2,140				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	15				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA60tOA
0	Magnesium, total recoverable	396				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	14		V		20	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.20				020	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	2.4	J	E		10	µg/L	GE	EPA601oA
0	Nitrate as nitrogen	237	J	Q	L	10	µg/L	GE	EPA300 O
0	Nitrate-nitrite as nitrogen	00		V		50	µg/L	GE	EPA353 1
o	Nitrate-nitrite as nitrogen	120		V		50	µg/L	GE	EPA353.1

was P 26D collected on 10/30/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	da-l,3- Dichloropropene	4.0				5.0	µg/L	WA	EPA6240
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPA6240
0	Dieldrin	4.050				0.050	µg/L	GE	EPA8080
0	Endrin	<0.050				0.050	µg/L	GE	EPA3060
0	Endrin	<0.050				0.050	µg/L	GE	EPA8080
0	Endrin	<0.10				0.10	µg/L	WA	SW8080
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<5.0				5.0	µg/L	WA	EPA8240
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Fluoride	<34		v		27	µg/L	WA	EPA340.2
0	Heptachlor	<0.050				0.050	µg/L	GE	EPA8080
0	Iron, total recoverable	17	J	E		18	µg/L	GE	EPA8010A
0	Iron, total recoverable	34		V		26	µg/L	WA	CLP-M
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lead, total recoverable	<13				13	µg/L	WA	CLP-M
0	Lindane	<0.025	J	C		0.025	µg/L	GE	EPA8080
0	Lindane	<0.025	J	C		0.02s	µg/L	GE	EPA8080
0	Lindane	<0.052				0.052	µg/L	WA	SW8080
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<0.68		v		1.2	µg/L	WA	CLP-M
0	Magnesium, total recoverable	437				20	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	382		V		10	µg/L	WA	CLP-M
0	Manganese, total recoverable	0.32	J	E		2.0	µg/L	GE	EPA601OA
0	Manganese, total recoverable	0.77	J	E		5.7	µg/L	WA	CLP-M
0	Mercury, total recoverable	<0.20	J	C		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	CLP-M
0	Methoxychlor	<0,50				0.s0	µg/L	GE	EPA8080
0	Methoxychlor	<0.50				0.50	µg/L	GE	EPA8080
0	Methoxychlor	<0.s2				0.52	µg/L	WA	SW8080
0	Nitrate-nitrite e s nitrogen	560		v		50	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	560		V		60	µg/L	WA	EPA353.2
0	Phenols	<s.0				5.0	µg/L	GE	EPA420.2
0	Phenols	<24				24	µg/L	WA	EPA420.2
0	Potassium, total recoverable	657				500	µg/L	GE	EPA601OA
0	Potassium, total recoverable	497				258	µg/L	WA	CLP-M
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<19				19	µg/L	WA	CLP-M
0	Silica, total recoverable	9,510		V		100	µg/L	GE	EPA601OA
0	Silica, total recoverable	6,6S0		V		67	µg/L	WA	CLP-M
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPAW1OA
0	Silver, total recoverable	<1.4				1.4	µg/L	WA	W - M
0	Sodium, total recoverable	1,620				100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	1,350		V		4.7	µg/L	WA	CLP-M
0	Sulfate	887	J	E		1,000	µg/L	GE	EPA300.0
0	Sulfate	979				979	µg/L	WA	EPA300.0
0	2,4,5-T	<0.53				0.53	µg/L	WA	SW8150
0	1, 1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1 ,1,2,2-Tetrachloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<s.0				5.0	µg/L	WA	EPA8240
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<5.0				5.0	µg/L	WA	EPA6240
0	Total dissolved solids	43,000				5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	40,000	J	E		42,800	µg/L	WA	EPA160.1
1	Total inorganic carbon	5,890				1,000	µg/L	GE	EPA9060
1	Total inorganic carbon	9,560				2,100	µg/L	WA	EPA415.1
2	Total inorganic carbon	10,100				2,100	µg/L	WA	EPA415.1
0	Total organic carbon	229	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic carbon	<2,100				2,100	µg/L	WA	EPA415.1
0	Total organic carbon	<2,100				2,100	µg/L	WA	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020A
0	Total organic halogens	<lo				10	µg/L	GE	EPA6020A
0	Total organic halogens	<161				161	µg/L	WA	SW9020B
0	Total phosphates (as P)	<50				so	µg/L	GE	EPA365.3
0	Total phosphates (as P)	17	J	E		30	µg/L	WA	EPA365.2
0	Toxaphene	<1.0				1.0	µg/L	GE	EPA8080
0	Toxaphene	<1.0				1.0	µg/L	GE	EPA8080
0	Toxaphene	<1.0				1.0	µg/L	WA	SW8080
0	2,4,5-TP (Silvex)	<002s	J	C		0.025	µg/L	GE	EPA8150
0	2,4,5-TP (Silvex)	<0.53				0.s3	µg/L	WA	SW8150
0	1, 1,1-Thloroethane	42.0				2.0	µg/L	GE	EPA8260
0	1, 1,1-Trichloroethane	<5.0				5.0	µg/L	WA	EPA6240
0	1, 1,2-Trichloroethane	<2,0				2.0	µg/L	GE	EPA8260
0	1,1 ,2-Trichloroethane	<s.0				5.0	µg/L	WA	EPA8240
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260

Wdt P 26D collected on 10/30/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Trichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<5.0				5.0	µg/L	WA	EPA8240
0	Xylenes	<5.0				5.0	µg/L	WA	EPA8240
0	Gross alpha	7.8E-10±3.6E-10				5.1E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	O.OE-104*.1O	UI			S.SE-10	µCi/mL	TM	EPA900 0M
O	Nonvolatile beta	9.8E-10±4.8E-10				9.0E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1.8E-09±1.6E-09	J		L	7.4E-10	µCi/mL	TM	EPA900 0M
o	Radium, total alpha-emitting	1.OE-1M.OE-1O	UI			2.3E1O	µCi/mL	GP	EPM-O1O
0	Radium, total alpha-emitting	2.8E-1043E- 10	UI	C		3.7E-10	µCi/mL	TM	EPA903.0M
0	Tritium	2.4E-08±3.9E-07				5.3E-07	µCi/mL	GP	EPIA-002
O	Tritium	3.5E-06±4.9E-07				4.6E-07	µCi/mL	TM	EPA906.0M

WELL P 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/95
Depth to water: 95.1 ft (28.99 m) below TOC
Water elevation: 180.8 ft (55.11 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 0:00
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL P 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/21/95
Depth to water: 34.12 ft (10.4 m) below TOC
Water elevation: 241.98 ft (73.76 m) msl
pH: 6.4
Sp. conductance: 102 µS/cm
Turbidity: 1 NTU
No water was evacuated from the was prior to sampling.

Time: 10:13
Water temperature: 17°C
Air temperature: 4°C
Alkalinity: 4 mg/L
Phenolphthalein alkalinity: 1 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.7	J	o	L	0.010	pH	GE	EPA150.1
0	Specific conductance	97				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	37		V		1,000	mg/L	GE	EPA310.1
0	Aluminum, total recoverable	<20				20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				60	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<s.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverabta	4.7	J	E		5.0	µg/L	GE	EPA301OA
0	Barium, total recoverable	22				3.0	µg/L	GE	EPA6010A
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.0s7	J	E		3.0	µg/L	GE	EPA6010A
0	Boron, total recoverable	12	J	E		50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA6260
0	Bromomethane	4.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.19	J	E		2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	16,800		v		20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,310		V		250	µg/L	GE	EPA300.0
0	Chlorobenzene	4.0s0				0.0s0	µg/L	GE	EPA8260
0	Chloroethane	<0.10				010	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0					µg/L	GE	EPA8260
0	Chloroform	<0.050				0%0	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chromium, total recoverable	1.8	J	E		4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	0.76	J	E		4.0	µg/L	GE	EPA6010A
0	Cyanide	1.6	J	E		10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.0s0				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0,50				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichvopropene	<0.0s0				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.0s0				0.050	µg/L	GE	EPA8260

Wdt HTF 17 collected on 12/18/95 (cont.)

F	Analyte	Result	R	A	B	SOL		Lab	Method
o	Nitrite e s nitrogen	<5.0				5.0	µg/L	GE	EPA300 0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1016	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
o	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA60B0
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA60B0
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1260	<0.13	J	CI		0.13	µg/L	GE	EPA6060
0	PCB 1260	<0.13	J	cI		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,040		v		500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Silica, total recoverable	10,100		v		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	3,500		v		100	µg/L	GE	EPA6010A
0	Sulfate	480	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
2	Thallium, total recoverable	2.1	J	E		5.0	µg/L	GE	EPA6010A
0	Toluene	<0.070		v		0.50	µg/L	GE	EPA6260
0	Total dissolved solids	12,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	3,410				1,000	µg/L	GE	EPA415.1
0	Total organic halogens	4.0	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	60				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0050				0.050	µg/L	GE	EPA6250
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPAS260
0	Trichlorofluoromethane	0.24	J	E		0.50	µg/L	GE	EPA6260
0	Vanadium, total recoverable	9.3	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	147		v		5.0	µg/L	GE	EPMO1OA
0	Actinium-228	6.5E-09±8.7E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.5E.11*6.SE-1 1	UI			1.5E.1O	µCi/mL	GP	EPIA-011
0	Anthony- 124	1.1E-09±1.7E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	2.8E-09±4.2E-09	UI			7.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1.6E-10±2.3E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.0E-08±1.0E-08	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.1E-10±1.7E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.2E-09±1.6E-09	UI			3.1 E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.3E-1OA1.4E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.0E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-4.9E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Curium-242	3.6E-12*3.5E-11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.4E-11*5.7E-1 1	UI			1.5E-10	µCi/mL	GP	EPtA-011
0	Curium-245/246	-3.9E-12±7.8E- 12	UI			8 1E-11	µCi/mL	GP	EPtA-011
0	Europium- 152	1. 1E-10±4.4E-09	UI			7.6E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.5E-09±3.9E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.9E-09±9.3E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
2	Gross iphe	1.7E-08±2.2E-09				8.3E-10	µCi/mL	GP	EPIA-001
2	Iodine-29	1.4E-09±1.6E-09	UI			1.9E-09	µCi/mL	GP	EPIA-006
0	Lead-212	5.4E-09*64E-03	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	6 0E-10±1.4E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.8E-13±3.3E- 11	UI			1.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	1.OE-06~12E-06	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.6E-08±1.7E-09				1.5E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	7.5E-11*1.4E-1O	UI	v		3.1E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	3.2E-1041E-10				2.1E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	1.1E-08±3.0E-08	UI			2.5E-06	µCi/mL	GP	EPIA-013
0	Promathiurn-144	-6.9E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	PromaWurrr-146	8.4E-10±2.0E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	2.0E-09±6.0E- 10				4.OE-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	-6.8E-09±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	sodium-22	-6.7E-1OE1.4E-09	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.1 E-09±5.9E- 10				7.4E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.8E-09±8.0E-09	UI			2.0E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.2E.11~4.6E-I 1	UI			1.2E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.3E-1W9.2E-11	UI	v		1.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-5.9E-13±4.3E-11	UI			1.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	3.7E-08±1.0E-07	UI			1.2E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1.1E-09±2.1E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
2	Tritium	3.7 E-05* 1.3E-06				6.8E-07	µCi/mL	GP	EPIA-002
2	Tritium	3.9E-05±1.3E-06				6.8E-07	µCi/mL	GP	EPIA-002

Well HTF 17 collected on 12/18/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Uranium-233/234	4 8E-10±13E-10		V		4.8E- 11	µCi/mL	C3P	EPIA-011
O	Uranium-235	5.0E-11±4.1E-11				4.8E-1 1	µCi/mL	GP	EPtA-011
0	Uranium-238	42E.1os1 2E-10				4.8E-1 1	µCi/mL	G?	EPIA-011
0	Yttrium-88	39E-12*1 7E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	1 3E-10±3.1E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	4.8E-1049E-09	UI			5.3E-09	@/mt-	GP	EPIA-013

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/95 — Time: **9:10**
Depth to water: 54.35 **ft** (1.57 m) below TOC — **Water temperature: Not available**
Water elevation: 269.35 ft (62.1 m) **msl** — **Air temperature:** Not **available**
pH: Not available — **Alkalinity:** Not available
Sp. conductance: Not available — **Phenolphalein** alkalinity: **Not available**
Turbidity: Not available
No **water** wee **evacuated** from **the** watt prior **to sampling**

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/95 — **Time: 9:30**
Depth to water: 55 **ft** (16.76 m) below TOC — **Water temperature:** Not **available**
Water elevation: 269.8 **ft** (62.2 m) mat — Air **temperature:** Not available
pH: Not ● vailable — **Alkalinity:** Not available
Sp. conductance Not **available** — **Phenolphthalein** alkalinity Not ● vdtabte
Turbidity Not **available**
No **water** was **evacuated** from the wall prior **to sampling.**

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sampla date: **10/25/95** — **Time: 9:50**
Depth to **water:** 56 **ft** (17.07 m) **below** TOC — Water **temperature:** Not **available**
Water elevation: 268.9 ft (8196m) mat — Air **temperature:** Not **available**
pH: Not available — **Alkalinity:** Not available
Sp. conductance: Not **available** — **Phenolphthabin alkalinity: Not available**
Turbidity Not **available**
No water was evacuated from **the** welt **prior** to sampling.

WELL HTF *21*

MEASUREMENTS CONDUCTED **IN** THE FIELD

Sample date: 10/25/95 — Time: 1010
Depth to water: 54.45 ft (16.6 m) below TOC — **Water temperature:** Not **available**
Water elevation: 270.25 ft (82.37 m) msl — **Air temperature:** Not available
pH: Not available — **Alkalinity:** Not **available**
Sp. conductance: Not available — **Phenolthalein** alkalinity **Not available**
Turbidity: Not **available**
No **water** was **evacuated** horn **the** welt prior to sampling.

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: **10/07/95** — Time: **8:24**
Depth to waler: 57.79 **ft** (17.61 m) **below** TOC — **Water temperature:** 21 **°C**
Water **elevation: Not available** — Air **temperature:** 23.7*C
pH: 5.4 — **Alkalinity: 6 mg/L**
Sp. conductance: 31 µS/cm — Phenolphthalein **alkalinity:** O **mg/L**
Turbidity: 31 NTU
Water evacuated from the well prior **to** sampling: 3 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	Tritium	2.4E-05±12E-06				1.5E-06	µCi/mL	EM	301-6-1420

Well HSL 8D collected on 12/29/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Curium-245/246	0.0E+00	UI			3.4E-11	µCi/mL	GP	EPIA-011
0	Europium-152	9.5E-10±5.6E-09	UI			9.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.8E-09±4.7E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.3E-09±6.7E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.2E-09±7.4E-10				8.3E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	1.0E-09±1.6E-09	UI			2.1E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			6.6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.2E-104.1E-O6	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	0.0E+00	UI			6.6E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	4.6E-09±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.1E-08±1.9E-09				1.4E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.3E-10±6.5E-11	UI	V		8.3E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	4.5E-11±3.9E-11	UI	V		5.8E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	1.6E-08±4.0E-08	UI			3.5E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-5.8E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.8E-10±2.6E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	-2.G.IOA.OE.1O	UI			4.5E.1O	µCi/mL	GP	EPIA-01O
0	Ruthenium-106	-1.2E-08±1.7E-08	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.4E-09±1.7E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
1	*strontium-m*	6.0E-09±1.4E-09		v		8.7E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	3.5E-08±8.3E-09				1.6E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	8.5E-11±6.6E-11	UI			1.0E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	7.4E-1W1.4E.1O	UI	v		4.9E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	0.OE-12*2.3E-11	UI			4.9E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	1.3E-08±1.0E-07	UI			1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1.4E-09±2.8E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
0	Total activity	6.5E-04±2.2E-05				1.5E-08	µCi/mL	EM	39141420
2	Tritium	6.4E-04±4.3E-05				7.7E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	3,6E-11s7,8E-1 1	UI			1.8E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	-7.6E- 12:1.IE-11	UI			1.SE-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-7.3E-12±1.0E-11	UI			1.5E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	0.0E+00	UI			8.5E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.7E-11*5.4E-t 1	UI			8.1E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.4E-11*57E-11	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	9.9E-10±2.4E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	7.8E-11±4.4E-09	UI			7.0E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-9.5E-10±3.8E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/95
Depth to water: 49.52 ft (15.02 m) below TOC
Water elevation: 274.88 ft (83.78 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not ● vail&rle
No waler wee evacuated from the watt prior to sampling.

Time: 8:30
Water temperature: Not ● vaitabta
Air temperature: Not ● vdt&ta
Alkalinity: Not available
Phenolphthalain alkalinity: Not ● vdabta

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sampl date: 10/25/95
Depth to water: 50.26 ft (1.32 m) below TOC
Water elevation: 273.64 ft (83.41 m) mat
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water wee evacuated from the watt prior to sampling,

Time: 8:50
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sampldate: 10/25/95
Depth to water: 48.58 ft (1l.8 m) below TOC
Water elevation: 273.94 ft (83.5 m) msl
pH: Not available
Sp. conductance Not available
Turbidity Not available
No water was evacuated from the well prior to sampling.

Time: 10:30
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/95
Depth to water: 26.73 ft (81S m) below TOC
Waler elevation: 283.47ft(80.31 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not ● Vdhbh
No water waa evacuated from the watt prior to sampling.

Time: 1050
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not ● vdtabte

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/18/95
Depth to water: 36.52 ft (1L.13 m) below TOC
Water elevation: 253.83ft(77.32 m) msl
pH: 5.2
Sp. conductance: 62 µS/cm
Turbidity: 227 NTu
water evacuated from the watt prior to sampling: 20 gat

Time: 13:00
Water temperature: 13°C
Air temperature: 10°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not ● rattabla

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.8	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	S.8	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	54				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	54				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	6.1		v		1,000	mg/L	GE	EPA31o.1
2	Aluminum, total recoverable	1,740		v		20	µg/L	GE	EPAso1oA
0	Ammonia nitrogen	70				50	µg/L	GE	EPA350.1
0	Ammonia nitrogen	60				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Barium, total recoverable	16				3.0	µg/L	GE	EPA6010A
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.12		v		3.0	µg/L	GE	EPA6010A
0	Boron, total recoverable	14	J	E		50	µg/L	GE	EPAW1OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	4.050				0.050	µg/L	GE	EPM280
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.96	J	E		2.0	µg/L	GE	EPAW1OA
0	Calcium, total recoverable	5,420		v		20	µg/L	GE	EPMo1OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	1,960				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPM280
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	8.3		v		4.0	µg/L	GE	EPMO1OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	7.5				4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8280
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8280
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPM260
0	Dichloromethane	<0.84		v		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	4,170		v		18	µg/L	GE	EPA6010A
0	Lead, total recoverable	4.1	J	E		5.0	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA801OA
0	Magnesium, total recoverable	897		V		20	µg/L	GE	EPA801OA
0	Manganese, total recoverable	21		V		2 0	µg/L	GE	EPMO1OA
0	Mercury, total recoverable	<0.036		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<16		V		10	µg/L	GE	EPA601oA
0	Nitrate as nitrogen	<20		Q	L	20	µg/L	GE	EPA300 O
0	Nitrate-nitrite as nitrogen	3,120		V		100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	3,090		V		100	µg/L	GE	EPA353 1

Well HSL 8D collected on 10/1 1/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
1	Nonvolatile beta	42E-06i2.7E-02				1.6E-09	µCi/mL	GP	EPIA-001
O	Radium, total a lpha-emitting	9.0E-10±4 0E-10				2.4E-10	µCi/mL	GP	EPIA-O1O
O	Total activity	1.4E-03±2 8E-05				1.5E-06	µCi/mL	EM	301-6-1420
2	Tritium	1.4E-03±8.3E-05				1.3E-05	µCi/mL	GP	EPIA-002

WEU HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample *date:* 12/29/95
Depth to water: 31.25 ft (9.53 m) below TOC
Water elevation: 257.455ft (78.47m) msl
pH: 5.4
Sp. conductance: 120 µS/cm
Turbidity: 1 NTU
Water evacuated from the was prior to sampling: 7 gal

Time: 1027
Water temperature: 22°C
Air temperature: 7°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	S.4	J	Q	L	0.010	pH	GE	E 50
0	Specilk conductance	118				0.30	µS/cm	GE	E 20
0	Alkalinity e s CaCO3	3.0				1,000	mg/L	GE	E A3
0	Alkalinity e s CaCO3	3.0				1*000	mg/L	GE	EPA3
0	Aluminum, total recoverable	<51		v		20	µg/L	GE	EPA60
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350
0	Ammonia nitrogen	<so				so	µg/L	GE	EPA350.
0	Antimony, totalrecoverable	<5.0				5.0	µg/L	GE	E A60
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA60
0	Barium, total recoverable	20		I		3.0	µg/L	GE	E A60 0A
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Benzene	<0.50				0.s0	µg/L	GE	E A8260
0	Beryllium, total recoverable	<0.068		v		3.0	µg/L	GE	E A60
0	Boron, total recoverable	<50				50	µg/L	GE	E A60 0A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.0s0				00s0	µg/L	GE	E A8260
0	Bromoform	4.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	E A8260
0	Bromomethane	<0.10				0.10	µg/L	GE	E A8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA60
0	Calcium, total recoverable	2,390				20	µg/L	GE	E A60 0A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Carbon tetrachloride	<0.050				0.0s0	µg/L	GE	EPA8260
0	Chloride	1,930				250	µg/L	GE	EPA300
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<0.0s0				0.050	µg/L	GE	E A8260
0	Chloroethane	4.10				0.10	µg/L	GE	EPA8 60
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (viny chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	E A8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroform	0.52				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	E A8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8 60
0	Chromium, total recoverable	0.61	J	E		4.0	µg/L	GE	EPA60
0	Cobalt. total recoverable	<4.0				4.0	µg/L	GE	EPA60
0	Copper, total recoverable	1.2	J	E		4.0	µg/L	GE	EPA60 0A
0	Cyanide	<10				10	µg/L	GE	E A335
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8 60
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1 ,1-Dichloroethane	<0.050				0.050	µg/L	GE	E A8260
0	1.1-Dichloroethane	<0.0s0				0.0s0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	E A8260
0	1 ,1-Dichloroethylene	<0 050				0.050	µg/L	GE	E A8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	E A8260
0	Irons-l ,2-Dichloroethylene	<0.050				0.050	µg/L	GE	E A8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	E A8260
0	Dichloromethane	0.41	J	E		0.50	µg/L	GE	A8 60
0	Dichloromethane	<0.50				0.50	µg/L	GE	A8 60
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	PA8 60
0	1,2-Dichloropropane	<o Oso				0050	µg/L	GE	PA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	A8 60
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	A8 60

Well HSL 8D collected on 1220/95 [cant)

F	nalyte	Result	n	A	B	SOL	Unit	Lab	Method
o	trans- 1 ,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<16				18	µg/L	GE	EPA6010A
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	1,260				20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	52				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	0.27				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
2	Nitrate e s nitrogen	13,900	J	Q	L	500	µg/L	GE	EPA300.0
2	Nitrate-nitrite as nitrogen	12,400		v		2,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	12,000		v		2,000	µg/L	GE	EPA353.1
0	Nitrite e s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1221	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 124s	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	306	J	E		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	6.630		v		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPASO1OA
0	Sodium. total recoverable	17,300		v		100	µg/L	GE	EPMo1oA
0	Sulfate	470	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	4.0s0				0.050	µg/L	GE	EPA6260
0	1,1 ,2,2-Tetrachloroethane	4.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0 Oso				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	4.13		v		0.s0	µg/L	GE	EPM260
0	Toluene	<0.12		v		0.50	µg/L	GE	EPA6260
0	Total dissolved solids	69,000		v		5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	78,000	J	QV	L	5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	96,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<882		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	7.8	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	60				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	1, 1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1 ,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPM260
0	Trichloroethylene	<0.050				0050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPM260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, totat recoverable	<10				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Actinium-228	7.5E·09±1.1E 06	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3 1E-11±6.3E-11	UI			1.4E-10	µCi/mL	GP	EPIA-011
0	Amarkium-241	42E-12*4.5E-1 1	UI			1.2E-10	µCi/mL	GP	EPIA-011
0	Antimony 124	2.0E-10±2.1E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2. 0E-10±5.2E-09	UI			8.9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	3 0E-10±2.4E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	8.7E-09±1.3E-08	UI			22E-03	µCi/mL	GP	EPIA-013
0	Cesium- 134	-1 .0E-09±1.7E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cesium- 137	-1.1E-09±2.1E-09	UI			32E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	3.3E-10±1.7E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.2E-09±2.0E-09	UI			34E-03	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.2E-11±2.4E-09	UI			34E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-3.2E-11*.7E 11	UI			1.4E-10	µCi/mL	GP	EPIA-011
0	Curium-242	-1.9E-11±1.9E-11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.2E- 10±9.9E-11	UI	v		1 6E-10	µCi/mL	GP	EPIAO11
0	Curium-2431244	1.5E-10'I9.7E-11	UI	v		1 4E-10	µCi/mL	GP	EPIA-011
o	Curium-245/246	O. 0E+00	UI			39E-11	µCi/mL	GP	EPIA-011

Well HSL 8C collected on 2/28/9_ (con..,

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Neptunium-239	3.5E-09±..1E-06	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.4E-09±1.1E-09				1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.3E-10±1.2E-10	UI	V		1.9E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.1E-10±8.7E-11	UI	V		9.8E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	3.9E-08±2.7E-08				2.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	5.1E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.4E-10±1.9E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	5.0E-10±3.0E-10				1.4E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	4.6E-09±1.4E-08	UI			2.5E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.4E-12±1.5E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.4E-09±8.2E-10	UI	V		1.1E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.5E-09±6.5E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.6E-10±1.5E-10	UI	V		1.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.3E-10±1.1E-10	UI	V		1.4E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.1E-13±3.7E-11	UI			1.0E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	8.5E-08±1.4E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	4.8E-10±2.4E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
1	Tritium	1.8E-05±9.2E-07				6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	4.7E-11±7.7E-11	UI			1.5E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.3E-11±5.5E-11	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.7E-11±5.4E-11	UI			8.1E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-1.4E-09±1.7E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.5E-09±3.4E-09	UI			5.8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.9E-09±3.1E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/95
Depth to water: 27.7 ft (8.44 m) below TOC
Water elevation: 261 ft (79.55 m) msl
pH: 5.1
Sp. conductance: 198 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 10:32
Water temperature: 23.6°C
Air temperature: 21.7°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	pH	5.1	J	Q	L	0.010	pH	GE	EPA150.1
o	Specific conductance	192				0.30	µS/cm	GE	EPA120.1
o	Benzene	<2.0				2.0	µg/L	GE	EPA8260
o	Benzene	<2.0				2.0	µg/L	GE	EPA8260
o	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
o	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
o	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
o	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
o	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
o	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
o	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
o	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
o	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
o	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
o	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
o	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
o	Cadmium, total recoverable	0.19	J	E		2.0	µg/L	GE	EPA6010A
o	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
o	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
o	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
o	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
o	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
o	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
o	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
o	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
o	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
o	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
o	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
	Chloroform	<2.0				2.0	µg/L	GE	EPA8260

Well HSL 8D collected on 10/11/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.1	J	E		4.0	µg/L	GE	EPA6010A
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	2.8	J	[illegible]		5.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.13				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
2	Nitrate-nitrite as nitrogen	19,200				1,000	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Sulfate	670	J	E		1,000	µg/L	GE	EPA300.0
0	Sulfate	678	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Gross alpha	1.3E-09±9.2E-10				1.2E-09	µCi/mL	GP	EPIA-001

Well HSL 8C collected on 10/11/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPAS2S0
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPAS2S0
0	chloroform	<2.0				2.0	µg/L	GE	EPAS260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPAS2S0
0	Chromium, total recoverable	0.96	J	E		4.0	µg/L	GE	EPMO1OA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPM260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPM2S0
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA62S0
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPAS2S0
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	1.1	J	E		2.0	µg/L	GE	EPAS2S0
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPAS2S0
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	load, total recoverable	5.3				5.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.064		v		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate-nitrite ● s nitrogen	110		v		50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Sulfate	1,560				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPAS260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPM2S0
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Gross ● @ha	8.8E-1M5.9E-1O	UI			0.7E.10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.7E-09±9.3E-10				1.6E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	5.0E-10±3.0E-10				2.5E-10	µCi/mL	GP	EPIA-O1O
2	Tritium	2.1E-05±1.4E-06				1.1E-06	µCi/mL	GP	EPIA-002

WELL HSL 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/95 — Time: 12:15
Depth to water: 36.75 ft (11.81 m) below TOC — Water temperature: 25°C
Water elevation: 249.55ft(76.19 m) msl — Air temperature: 8°C
pH: 8.6 — Alkalinity: 43 mg/L
Sp. conductance: 1,200 µS/cm — Phenolphthalein alkalinity: 230 mg/L
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling 29 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	pH	12	J	o	L	0.010	pH	GE	EPA150.1
2	Specific conductance	796				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	103				1,000	mg/L	GE	EPA31O.1
2	Aluminum, total recoverable	2,8S0		v		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	so				50	µg/L	GE	EPA350.1
0	Ammonia nitrogen	60				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	<3.2		v		50	µg/L	GE	EPASO10A
0	Barium, total recoverable	68		v		3.0	µg/L	GE	EPASO10A
0	Benzene	<0.50	J	Q	L	0.50	µg/L	GE	EPAS260
0	Beryllium, total recoverable	<0.039		V		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	16	J	E		50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.36	J	QV	L	0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	49,600				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Chloride	2,220		V		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10	J	Q	L	0.10	µg/L	GE	EPAs2s0
0	Chloroethene (Vinyl chloride)	<0.10	J	Q	L	0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0	J	Q	L	1.0	µg/L	GE	EPM260
0	Chloroform	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10	J	Q	L	0.10	µg/L	GE	EPA8260

Well HSL 8C was collected on 12/28/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Chromium, total recoverable	1.1	J	E		4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	4.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPM260
0	1,1-Dichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA6260
0	Dichloromethane	0.30	J	EQ	L	0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropens	<0.050	J	Q	L	0.050	µg/L	GE	EPAS2S0
0	cis- 1,3-Dichropropene	<0.050	J	Q	L	0.050	µg/L	GE	EPM260
0	trans-1,3-Dichloropropene	4.050	J	Q	L	0.050	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Fluoride	485				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	3s0				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	125				20	µg/L	GE	EPA601OA
2	Manganese, total recoverable	154		V		2.0	µg/L	GE	EPASO10A
0	Mercury, total recoverable	0.043	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate as nitrogen	115				10	µg/L	GE	EPA300 O
0	Nitrate-nitrite ● i nitrogen	270		v		50	µg/L	GE	EPA353. 1
0	Nitrate-nitrite ● s nitrogen	250		v		50	µg/L	GE	EPA3531
0	Nitrite ● s nitrogen	116				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 124S	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	c		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	2,130		V		500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<3.0		V		5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	3,500		V		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0		I		2.0	µg/L	GE	EPASO10A
0	Sodium, total recoverable	8,180				100	µg/L	GE	EPA6010A
0	Sulfate	1,580		I		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPM2S0
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPASO10A
0	Toluene	0.0s0	J	EQ	L	0.50	µg/L	GE	EPA8260
0	Total dissolved solids	204,000		V		5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	202,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1,430		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<70		V		50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050	J	Q	L	0050	µg/L	GE	EPM260
0	Trichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50	J	Q	L	0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	6.6	J	E		10	µg/L	GE	EPMO1OA
0	Zinc, total recoverable	3.5	J	E		5.0	µg/L	GE	EPASO10A
0	Actinium-228	S.6E-0%12E-06	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.3E-11±4.5E-11	UI			1.0E-10	µCi/mL	GP	EPIA-01t
0	Antimony-124	7.2E-10±1.8E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.6E-09±4.2E-09	UI			7.0E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.1E-09±1.9E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.9E-09±1.2E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.7E-10±1.6E-09	UI			24E-os	µCi/mL	GP	EPIA-013
0	Cesium-137	1.6E-09±2.2E-09	UI			28E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6.0E-10±1.4E-09	UI			23E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.6E-09±1.8E-09	UI			28E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.1E-09±1.4E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-9.8E-12±2.7E-11	UI			92E-11	µCi/mL	GP	EPtA-011
0	Curium-243/244	2.3E.1W1.0E-10	UI	v		1.2E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			26E-11	µCi/mL	GP	EPIA-011
0	Europium-152	2.2E-09±4.4E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-6.5E-12*42E-02	UI			7.8E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.1 E-09±6.1E-09	UI			98E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	5.2E-10±6.0E-10	UI			8.8E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.9E-10±1.0E-09	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.4E-09±4.6E-09	UI			55E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.1E-10±15E-09	UI			27E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	4.8E-11±9.6E-11	UI			28E-10	µCi/mL	GP	EPIA-012

Well HSL 8B collected on 12/26/9S (cont.)

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.8	J	Q	L	0.010	pH	GE	E 50
0	Specif10 conductance	125				0.30	µS/cm	GE	E 20
0	Alkalinity (as CaCO3)	53				1,000	mg/L	GE	EPA3
0	Alkalinity ϕ s CaCO3)	53				1,000	mg/L	GE	EPA3
2	Aluminum, total recoverable	506		v		20	µg/L	GE	EPA60 0A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350
0	Ammonia nitrogen	<50				50	µg/L	GE	E A350
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA60
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA60
0	Barium, total recoverable	30		v		3.0	µg/L	GE	EPA60
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.26		v		3.0	µg/L	GE	EPA60 0A
0	Boron, total recoverable	22	J	E		50	µg/L	GE	EPA60 0A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.21		v		0.10	µg/L	GE	EPA8260
0	Cadmium recoverable	<2.0				2.0	µg/L	GE	EPA60 0A
0	Calcium, total recoverable	11.200				20	µg/L	GE	EPA60 0A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	3,020		v		250	µg/L	GE	EPA300 0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	4.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Viny chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.070				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium. total recoverable	2.7	J	E		4.0	µg/L	GE	E A60 0A
0	cobalt. total recoverable	4.s				4.0	µg/L	GE	EPA60 0A
0	Copper total recoverable	<4.0				4.0	µg/L	GE	E A60 0A
0	Cyanide	<10				10	µg/L	GE	EPA335
0	Cyanide	<10				10	µg/L	GE	EPA335
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	E A8260
0	1,2-Dichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	E A8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	1.2				0.50	µg/L	GE	E A8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	E A8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	E A8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	287				100	µg/L	GE	EPA300
2	Iron, total recoverable	2,160				18	µg/L	GE	EPA60 0A
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA60 0A
0	Lithium, total recoverable	20	J	E		25	µg/L	GE	EPA60 0A
0	Magnesium, total recoverable	801				20	µg/L	GE	E A60 0A
2	Manganese, total recoverable	434		v		2.0	µg/L	GE	E A60 0A
0	Mercury, total recoverable	0.064	J	E		0.20	µg/L	GE	EPA7
0	Nickel, total recoverable	3.7	J	E		10	µg/L	GE	EPA60 0A
0	Nitrate as nitrogen	9.7	J	E		10	µg/L	GE	E A300 0
0	Nitrate ● s nitrogen	<10				10	µg/L	GE	EPA300
0	Nitrate-nitrite ● s nitrogen	<30		v		50	µg/L	GE	EPA35
0	Nitrite ● s nitrogen	<5.0				5.0	µg/L	GE	EPA300
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	E A300
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1242	4.13				0.13	µg/L	GE	EPA8080
0	PCS 1249	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 12S4	<0.13				0.13	µg/L	GE	E A8080
0	PCB 1260	<0.13	J	C		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	E A420.
0	Potassium, total recoverable	1,750		V		500	µg/L	GE	EPA60 0A
0	Selenium, total recoverable	<2.8		V		5.0	µg/L	GE	EPA60
0	Silica. total recoverable	35,300		V		100	µg/L	GE	E 60
0	Silver. total recoverable	<2.0		I		2.0	µg/L	GE	PA60
0	Sodium, total recoverable	11,200				100	µg/L	GE	A60 0A
0	Sulfate	576	J	El		1,000	µg/L	GE	PA300
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	A8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	PA8 60
0	Thallium, total recoverable	<s.0				5.0	µg/L	GE	PA60
0	Toluene	0.16	J	E		0.50	µg/L	GE	PA8 60
0	Total dissolved solids	105,000		v		5,000	µg/L	GE	60
0	Total organic carbon	2,110		v		1,000	µg/L	GE	
0	Total organic halogens	<10				10	µg/L	GE	A9020B

Wdt HSL 8B collected on 12/26/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Total phosphates (as P)	790		v		60	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1, 1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	2.6	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	11				5.0	µg/L	GE	EPA601OA
0	Actinium-228	6.1E-09±5.4E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3.3E-11±5.7E-11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	mE-o&202 09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	8.5E-11±4.9E-09	UI			7.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.5E-10±2.2E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-3.0E-09±1.2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.0E-10±1.7E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.9E-08±4.4E-09				2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.5E-10±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.7E-09±1.9E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8. 1E-10±1.4E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.1E-11±4.0E-11	UI			1.22-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1. 8E-10±1.0E-10	UI	v		1.*-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	9.5E-12±1.9E-11	UI			2.9E-11	µCi/mL	GP	EPIA411
0	Europium-152	7.6E-11±4.3E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.2E-09±4.2E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.7E-09±8.8E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross elpha	2.6E-09±1.2E-09				8.4E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.3E-10±4.2E- 10	UI			1.4E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	1.1E-09±1.0E-09	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.1E-10±1.3E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	4.3E-II:MIE-11	UI			2.7E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-2.4E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	7. 1E-08±3.6E-09				1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.1E-10±1.3E-10	UI	v		2.5E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.4E-10±1.2E-10	UI	v		1.6E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.9E-08±1.8E-08	UI			3.9E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.4E-10A1.6E-O6	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.SE-104.OE-OS	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	2.0E-10±3.0E- 10	UI			2.2E-10	µCi/mL	GP	EPIA-O1O
0	Radium, total alpha-emitting	0.0E+00±3.0E-10	UI			2.1E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	6.5E-10±1.3E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.2E-10±1.5E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-7.9E-12±3.2E-10	UI	v		9.9E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.7E-09±6.4E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	6.0E-10±1.6E-10	UI	v		9.9E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	4.OE-1W1.3E-1O	UI	v		5.9E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	1.4E-11±2.8E-11	UI			5.9E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	1.9E-07±1.8E-07	R			1.3E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-2.5E-09±2.1E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Tritium	3.0E-06±5.2E-07				6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.7E.11*7.6E- 11	UI			6.7E.11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.9E-11±4.5E-11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-3.2E-12±6.3E- 12	UI			1.1E-10	µCi/mL	GP	EPfA-011
0	Yttrium-88	1.8E-09±1.5E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-4.6E-1OAOE-O2	UI			5.4E-09	µCi/mL	GP	EPIA-013
0	Irconium-95	1. 1E-09±3.2E-09	UI			S. BE-02	µCi/mL	GP	EPIA-013

WELL HSL 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale 10/11/95
Depth to water: 37.65 ft (1.46 m) below TOC
Water elevation: 251.05ft(76.52 m) msl
pH: 11.7
Sp. conductance: 898 µS/cm
Turbidity: 3 NTU
Water evacuated from the weft prior to sampling: 32 gal

Time: 1021
Water temperature: 21 "C
Air temperature: 21 .9°C
Alkalinity:206 mg/L
Phenolphalein alkalinity: 179 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	pH	12	J	a	L	0010	pH	GE	EPA1501
2	Specific conductance	867				0 30	µS/cm	G E	EPA120. 1
0	Benzene	<2 0				2 0	µg/L	G E	EPA8260
0	Bromodichloromethane	<20				2 0	µg/L	G E	EPA8260
0	Bromoform	<2 0				2 0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				20	µg/L	G E	EPA8260

Wdt HSL 8B collected on 10/1 1/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Mercury, total recoverable	<0.033		v		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	CLP-M
0	Nickel, total recoverable	3.7	J	E		10	µg/L	GE	EPA601OA
0	Nickel, total recoverable	6.2				S.4	µg/L	WA	CLP-M
0	Nitrate-nitrite ● S nitrogen	<10		v		50	µg/L	GE	EPA353.1
0	Nitrate-nitrite ● $ nitrogen	<80				so	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<19				19	µg/L	WA	CLP-M
0	Sulfate	572	J	E		1,000	µg/L	GE	EPA300.0
0	Sulfate	785	J	E		979	µg/L	WA	EPA300.0
0	, 1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	,1.2.2-Tetrachloroethane	<5.0				5.0	µg/L	WA	SW8240
0	etrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	etrachloroethylene	<s.0				5.0	µg/L	WA	SW8240
0	oluene	<2.0				2.0	µg/L	GE	EPA8260
o	oluene	<5.0				5.0	µg/L	WA	SW8240
0	,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	,1,1-Trichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	,1,2-Trichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	richloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	richloroethylene	<5.0				5.0	µg/L	WA	SW8240
0	richlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
o	richlorofluorom thane	<5.0				5.0	µg/L	WA	SW8240
0	Xylenes	<s.0				5.0	µg/L	WA	SW8240
0	Gross ● ra	7.9E-1OA.9E.IO	UI			9.0E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	0.0E+00±6.0E-10	UI			4.8E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.5E-09±8.0E-10	UI			1.5E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.2E-09±1.2E-09				3.8E-10	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	5.0E-10±3.0E-10				2.4E.1O	µCi/mL	GP	EPIA-O1O
0	Radium, total ● @ha-amttthg	4.4E-1W2.4E-1O	J		L	3.5E-10	µCi/mL	TM	EPA903.0M
0	Radium, total alpha-emitting	1.0E-10±1.5E-10	UI			3.4E-10	µCi/mL	TM	EPA903.0M
0	Tritium	2.9E-06±4.0E-07				5.4E-07	µCi/mL	GP	EPIA-002
0	Tritium	3.6E-06±7.6E-07				1.0E-08	µCi/mL	TM	EPA906.0M

WELL HSL 86 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/1 1/95
Depth to water: 36.S4 ft 1(1 .S7 m) below TOC
Water elevation: 249.76ft(76.13 m) msl
pH: 6.5
Sp. conductance: 124 µS/cm
Turbidity: 12 NTU
Water evacuated from the was prior to sampling: 55 gad

Time: 9:30
water temperature: 21.1°C
Air temperature: 21.7°C
Alkalinity: 45 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.9	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	6.7	J	Q		0.10	pH	WA	EPA150.1
0	pH	6.7	J	Q		0.10	pH	WA	EPA150.1
0	Specilk conductance	124				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	120		v		4.0	µS/cm	WA	EPA120.1
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Benzene	<5.0				5.0	µg/L	WA	SW8240
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<5.0				5.0	µg/L	WA	SW8240
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<5.0				5.0	µg/L	WA	SW8240
0	Bromomethane	<2.0				2.0	µg/L	G E	EPA8260
0	Bromomethane	<10				10	µg/L	W A	SW8240
0	Cadmium, total recoverable	0.14	J	E		2.0	µg/L	GE	EPA6010A
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	CLP-M
0	Carbon tetrachloride	<2.0				2.0	µg/L	G E	EPA8260
0	Carbon tetrachloride	<5.0				5.0	µg/L	W A	SW8240
0	Chlorobenzene	<2.0				2.0	µg/L	G E	EPA8260
0	Chlorobenzene	<5.0				5.0	µg/L	W A	SW8240
o	Chloroethane	<2.0				2.0	µg/L	G E	EPA8260
0	Chloroethane	<10				10	µg/L	W A	SW8240
0	Chloroethene (Vinyl chloride	<2.0				2.0	µg/L	G E	EPA8260
0	Chloroethene Vin ylchloride1	<lo				10	µg/L	W A	SW8240
0	2-Chloroethyl viny lether	<lo				10	µg/L	G E	EPA8260
0	2-Chloroethyl vinyl ether	<lo				10	µg/L	W A	SW8240
0	Chloroform	<2.0				2.0	µg/L	G E	EPA8260
0	Chloroform	<5.0				5.0	µg/L	W A	SW8240

Well HSL 8B collected on 10/11/95 (cent)

F	Analyte	Result	R	A	B	sot.	Unit	Lab	Method
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<10				10	µg/L	WA	SW8240
0	Chromium, total recoverable	1.9	J	E		4.0	µg/L	GE	EPAS01OA
0	Chromium, total recoverable	13	J	E		10	µg/L	WA	CLP-M
0	Dibromochloromethane	<2 0				2.0	µg/L	GE	EPA8260
0	Dibromochloromethane	<5.0				50	µg/L	WA	SW8240
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<5.0				5.0	µg/L	WA	SW8240
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethylene	<5.0				5.0	µg/L	WA	SW8240
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	1.0	J	E		2.0	µg/L	GE	EPA8260
0	Dichloromethane	<1.3		v		5.0	µg/L	WA	SW8240
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<5.0				5.0	µg/L	WA	SW8240
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	SW8240
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	vans-l ,3-Dichloropropene	<5.0				5.0	µg/L	WA	SW8240
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<5.0				5.0	µg/L	WA	SW8240
0	Lead, total recoverable	1.8	J	E		5.0	µg/L	GE	EPA6010A
0	Lead, total recoverable	<2.7		v		13	µg/L	WA	CLP-M
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	CLP-M
0	Nickel, total recoverable	3.4	J	E		10	µg/L	GE	EPA601oA
0	Nickel, total recoverable	4.5	J	E		5.4	µg/L	WA	CLP-M
0	Nitrate-nitrite ● S nitrogen	<10		v		so	µg/L	GE	EPm531
0	Nitrate-nitrite ● nitrogen	<60				so	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<19				19	µg/L	WA	CLP-M
0	Sulfate	560	J	E		1,000	µg/L	GE	EPA300.0
0	Sulfate	738	J	E		97s	µg/L	WA	EPA300.0
0	1.1 ,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<5.0				5.0	µg/L	WA	SW8240
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	4.0				5.0	µg/L	WA	SW8240
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<5.0				5.0	µg/L	WA	SW8240
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1, 1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1 ,2-Trichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<5.0				5.0	µg/L	WA	SW8240
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<5.0				5.0	µg/L	WA	SW8240
0	Xylenes	<5.0				5.0	µg/L	WA	SW8240
0	Gross alpha	6.7E.IWS.8E-10	UI			9.1E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	8.0E-10±7.0E-10	J		L	4.9E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.K-OS48E-1O				1.6E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.1E-09±1.4E-09				39E-10	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	6.OE.1U3.OE-10				2.4E-10	µCi/mL	GP	EPIAO1O
0	Radium, total ● @ha-amittbg	4.5E-W.2.5E-1O	J		L	3.7E-10	µCi/mL	TM	EPA903.0M
0	Tritium	2.6E-06±3.9E-07				5.3E-07	µCi/mL	GP	EPIA-002
0	Tritium	4.4 E-06±8.1E-07				1.0E-08	µCi/mL	TM	EPA906.0M

WELL HSL 88

MEASUREMENTS CONDUCTED IN THE FIELD

sample date:, 1 2/28/95
Depth to water: 40.1 ft 1(122 m) below TOC
Waler elevation: 248.6ft(75.77 m) msl
DH: 6.2
Sp. conductance: 120 µS/cm
Turbidity: 49 NTU
Water evacuated from the well prior to sampling: 41 gal

Time: 11:16
Water temperature: 21*C
Air temperature: 3.7*C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: O mg/L

Well collected on 2/28/9 con

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	1.1	J	E		10	µg/L	GE	EPA6010A
0	Vanadium, total recoverable	0.48	J	E		10	µg/L	GE	EPA6010A
0	Zinc, total recoverable	10				5.0	µg/L	GE	EPA6010A
0	Zinc, total recoverable	5 5				5.0	µg/L	GE	EPA6010A
0	Actinium-228	1.0E-06±1.5E-06	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-2.9E-11±2.6E-11	UI			2.8E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	7.4E-10±2.0E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.2E-09±4.5E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	5.5E-10±2.1E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.3E-09±1.1E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.0E-09±1.6E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.6E-10±1.4E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6.2E-10±1.5E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	6.8E-10±2.1E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-7.6E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.8E-11±2.1E-11	UI			2.6E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.3E-10±1.6E-10	UJ	C		2.9E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-5.7E-12±1.2E-11	UI			1.9E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.5E-10±4.7E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.0E-09±4.1E-09	UI			8.0E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.4E-09±6.6E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	7.0E-11±3.5E-10	UI			8.0E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-1.9E-11±1.0E-09	UI			1.7E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.8E-09±3.0E-09	UI			5.7E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.8E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.4E-11±2.0E-11	UI			3.2E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-1.7E-09±1.2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.4E-09±8.8E-10	UI			1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	8.5E-11±1.0E-10	UI	V		1.9E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	6.6E-11±7.4E-11	UI	V		1.2E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	1.8E-06±1.9E-08	UI			3.8E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-4.4E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-7.2E-10±2.4E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	3.0E-10±2.0E-10				1.5E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	-7.1E-09±1.4E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	3.7E-10±1.5E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	6.6E-10±8.0E-10	UI	V		1.0E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.6E-09±5.6E-09	UI			1.4E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	5.3E-11±1.2E-10	UI	V		2.4E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	4.2E-10±1.6E-10	UI	V		1.2E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	6.6E-12±3.0E-11	UI			8.4E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	0.0E+00	UI			1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	2.1E-10±2.4E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
0	Tritium	7.3E-08±3.9E-07	UI			6.8E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.6E-11±6.5E-11	UI	V		1.1E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.3E-13±3.1E-11	UI			9.6E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	6.2E-12±2.8E-11	UI			7.9E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	8.9E-10±1.8E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.2E-09±3.3E-09	UI			6.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-4.5E-10±3.2E-09	UI			5.6E-09	µCi/mL	GP	EPIA-013

WELL HSL 8AA

MEASUREMENTS CONDUCTED IN THE FIEL⊐

Sample date: 10/11/95
Depth to water: 112.86 ft (34.4 m) below TOC
Water elevation: 175.94 ft (53.63 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
The well went dry before sampling began.

Time: 8:45
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HSL 8AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/95
Depth to water: 113.37 ft (34.56 m) below TOC
Water elevation: 175.43 ft (53.47 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample coll ct on

Time: 15:30
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HSL 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/95
Depth to water: 38.94 ft (11.87 m) below TOC
Water elevation: 249.76 ft (76.13 m) msl
pH: 6.5
Sp. conductance: 124 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 55 gal

Time: 9:30
Water temperature: 21.1°C
Air temperature: 21.7°C
Alkalinity: 45 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	6.8	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	6.8	J	Q		0.10	pH	WA	EPA150.1
0	Specific conductance	123				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	119		V		4.0	µS/cm	WA	EPA120.1
0	Specific conductance	119		V		4.0	µS/cm	WA	EPA120.1
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Benzene	<5.0				5.0	µg/L	WA	SW8240
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<5.0				5.0	µg/L	WA	SW8240
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<5.0				5.0	µg/L	WA	SW8240
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<10				10	µg/L	WA	SW8240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Cadmium, total recoverable	0.50	J	≤		4.7	µg/L	WA	CLP-M
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Carbon tetrachloride	<5.0				5.0	µg/L	WA	SW8240
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<5.0				5.0	µg/L	WA	SW8240
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<10				10	µg/L	WA	SW8240
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<10				10	µg/L	WA	SW8240
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	WA	SW8240
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroform	<5.0				5.0	µg/L	WA	SW8240
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<10				10	µg/L	WA	SW8240
0	Chromium, total recoverable	1.9	J	E		4.0	µg/L	GE	EPA6010A
0	Chromium, total recoverable	3.1	J	E		10	µg/L	WA	CLP-M
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dibromochloromethane	<5.0				5.0	µg/L	WA	SW8240
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<5.0				5.0	µg/L	WA	SW8240
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethylene	<5.0				5.0	µg/L	WA	SW8240
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	1.0	J	E		2.0	µg/L	GE	EPA8260
0	Dichloromethane	<5.0				5.0	µg/L	WA	SW8240
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<5.0				5.0	µg/L	WA	SW8240
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	SW8240
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	SW8240
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<5.0				5.0	µg/L	WA	SW8240
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Lead, total recoverable	9.3	J	EV		13	µg/L	WA	CLP-M

Well HSL 8A collected on 10/11/25 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Gross alpha	2.7E-1042E-10	UI			1.1E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1.0E-09±7.6E-10	UI			1.6E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	3.OE-10M.OE.IO				2.4E-10	µCi/mL	GP	EPIA-010
0	Tritium	-3.5E-07±3.0E-07	UI			5.4E-07	µCi/mL	GP	EPIA-002

WELL HSL 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date **12/28/95** — **Time: 10:35**
Depth to water: 115.5 It :(3!2 m) botow **TOC** — **Water temperature: 21°C**
Water elevation: 173 ft (527 3 m) mot — **Air temperature: 2.3°C**
pH: 5.8 — **Alkalinity: 1 mg/L**
Sp. conductance: 72 µS/cm — **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 2 NTU
Water **evacuated** from **the well** prior to **sampling:** 25 **gal**

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	6.3	J	Q	1	0.010	pH	GE	EPA150.1
0	Specifk conductance	67				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	21				1,000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	C44		V		20	µg/L	GE	EPA601oA
0	Aluminum, total recoverable	<36		V		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony tot recove ble	<5.0				5.0	µg/L	GE	EPA601OA
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Arsenic, total recoverable	<5.0		V		50	µg/L	GE	EPA601OA
0	Barium, total recoverable	32				25	µg/L	GE	EPA601OA
0	Barium, total recoverable	32		V		3.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	31		V		3.0	µg/L	GE	EPA6010A
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.50	J	EV		3.0	µg/L	GE	EPA601OA
0	Beryllium, total recoverable	<0.031		V		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	27	J	E		50	µg/L	GE	EPA601OA
0	Boron, total recoverable	2s	J	E		50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	4.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.41		V		0.10	µg/L	GE	EPA8260
0	Bromomethane	<0.55		V		0.10	µg/L	GE	EPA8260
0	admium ot recov ble	1.2	J	E		2.0	µg/L	GE	EPA601OA
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	9,330				20	µg/L	GE	EPA6010A
0	Calcium, total recoverable	8,900				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,640		V		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPAB2S0
0	Chloroethene (vinyl chloride	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (vinylchloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinylether	<1.0				1.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1:0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPM260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chloromethane	<0.$0				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	2.2	J	E		4.0	µg/L	GE	EPA601OA
0	Chromium, total recoverable	1.3	J	E		4.0	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	1.5	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	0.76	J	E		4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	3.2	J	E		4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260

Well tiSL 8A collected on 12/26/95 (cont)

F	nalyte	Result	R	A	B	SOL	Unit	Lab	Method
o	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.58				0.50	µg/L	GE	EPA8260
0	Dichloromethane	0.45	J	E		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	133				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	22				18	µg/L	GE	EPA501oA
0	Iron, total recoverable	14	J	E		18	µg/L	GE	EPASO1OA
0	Lead, total recoverable	<1oo				100	µg/L	GE	EPA601OA
0	load, total recoverable	2.7	J	E		5.0	µg/L	GE	EPA601OA
0	Lead, total recoverable	1.6	J	E		5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
o	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	523				20	µg/L	GE	EPA501OA
0	Magnesium, total recoverable	504				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	16				10	µg/L	GE	EPA601OA
0	Manganese, total recoverable	17		V		2.0	µg/L	GE	EPMO1OA
0	Manganese, total recoverable	16		V		2.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	0.12	J	E		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	0.11	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Nickel, total recoverable	4.2	J	E		10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA501OA
0	Nitrate as nitrogen	60				10	µg/L	GE	EPA300 O
0	Nitrate as nitrogen	107				10	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	120		V		50	µg/L	GE	EPA3531
0	Nitrite as nitrogen	<5.0				50	µg/L	GE	EPA300 O
0	Nitrite e nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	4.12				0.12	µg/L	GE	EPA6060
0	PCB 1221	4.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1248	4.12				0.12	µg/L	GE	EPA8080
0	PCS 1254	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1260	4.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,370		V		500	µg/L	GE	EPA601OA
0	Potassium, total recoverable	1,160		V		500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<5.1		V		5.0	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<2.1		V		5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	22,500		V		100	µg/L	GE	EPASO1OA
0	Silica, total recoverable	23,600		V		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<25	J	I	P	25	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0	J	I	P	2.0	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0	J	I	P	2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2,310				100	µg/L	GE	EPASO1OA
0	Sodium, total recoverable	2,150				100	µg/L	GE	EPASO1OA
0	Sulfate	2,140		I		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				0050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0,050				0.050	µg/L	GE	EPA8260
0	ThatSum, total recoverable	<5.0				50	µg/L	GE	EPA601OA
2	Thallium, total recoverable	3.9	J	E		5.0	µg/L	GE	EPA601OA
0	Toluene	0.070	J	E		0.50	µg/L	GE	EPA8260
o	Toluene	0.070	J	E		050	µg/L	GE	EPA8260
0	Total dissolved solids	51,000		V		5,000	µg/L	GE	EPA160 1
0	Total organic carbon	<464		V		1,000	µg/L	GE	EPA415.1
0	Total organic hatogens	22				10	µg/L	GE	EPA9020B
0	Totaph osphates(as P)	530		V		50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0 050				0.050	µg/L	GE	EPA8260
0	1,1,1 -Trichloroethane	<0.050				0050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0.050				0050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0050				0050	µg/L	GE	EPM260

Watl HSL 7D collected on 12/26/S5 (cont.)

F	Analyte	Result	n	A	B	SOL	Unit	Lab	Method
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA6260
0	Chloroform	<0050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.2	J	E		4.0	µg/L	GE	EPA601oA
0	oba _ tol recoverable	<40				4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	4.1				4.0	µg/L	GE	EPA8010A
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	4.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.s5				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.650	µg/L	GE	EPM260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
1	Iron, total recoverable	173				18	µg/L	GE	EPA601OA
0	lead, total recoverable	4.s	J	E		5.0	µg/L	GE	EPA8010A
0	Lithium, total recoverable	<2s				25	µg/L	GE	EPMO1OA
0	Magnesium, total recoverable	1,320				20	µg/L	GE	EPASO1OA
1	Manganese, total recoverable	37		v		2.0	µg/L	GE	EPMO1OA
0	Mercury, total recoverable	0.07s	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	o. w	J	E		10	µg/L	GE	EPA601OA
0	Nitrate ● s nitrogen	2,340				200	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	2,620		v		100	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	4.12				0.12	µg/L	GE	EPM060
0	PCs 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1240	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1254	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	213	J	EV		500	µg/L	GE	EPA301OA
0	Selenium, total recoverable	<2.0		v		5.0	µg/L	GE	EPMO1OA
0	Silica, total recoverable	7,670		v		100	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0		t		2.0	µg/L	GE	EPA6010A
0	sodium, total recoverable	3,340				100	µg/L	GE	EPA6010A
0	Sulfate	231	J	El		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPM260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Toluene	0.13	J	E		0.50	µg/L	GE	EPM260
0	Total dissolved solids	<28,000		V		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1,320		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<lo				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<60		v		50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPM260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPM260
0	Vanadium, tdat recoverable	0.29	J	E		10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	24				5.0	µg/L	GE	EPA601oA
D	Actinium-228	3.6E-09±7.9E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Americium-241	26E-1 1*3.2E-11	UI			5.3E-11	µCi/mL	GP	EPtA-011
0	Antimony-124	1.5E-09±2.1E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.0E-09±4.8E-09	UI			8.2E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-9.5E-10±2.6E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	7.2E-09±1.3E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.2E-10±2.0E-09	UI			29E-06	µCi/mL	GP	EPIA-013
0	Cesium-137	-1 .7E-09±1 .62-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	3.9E-10±1.7E-09	UI			28E-06	µCi/mL	GP	EPIA-013
0	cobalt-56	1.2E-09±2.0E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-4.4E-10*1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Curium-242	7.6E-12*3.OE-11	UI			6.2E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	5.9E-12±5.9E-11	UIJ	c		1.1E.1O	µCi/mL	GP	EPIA-011
0	Curium-245/246	O 0E+00	UI			1.5E-11	µCi/mL	GP	EPIA-011
0	Europium-152	1.5E-09±4.4E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.5E-09±4.2E-09	UI			8.7E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.5E-09±6.7E-09	UI			1. 1E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	6.8E-10±5.1E-10	UI			7.2E-10	µCi/mL	GP	EPIA-001
1	Iodine-1 29	63E-10*1.2E-O2	UI			1.5E-09	µCi/mL	GP	EPIA-006
0	Lead-212	6. 0E- 1o*5.4E-o2	UI			6.3E-09	µCi/mL	GP	EPIA-013

Well HSL 7D collected on 12/26/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Manganese-54	-4.9E-10±1.5E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	3.6E-11*1.1E-1O	UI			3.2E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-5.0E-09±1.2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.9E-09±8.6E-10				1.6E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.4E-10±1.3E-10	UI	v		2.2E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	5.5E-11±6.0E-11	UI	v		8.1E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	2.3E-08±3.0E-08	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	6.6E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Promethium-14s	8.0E-11±2.2E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	3.0E-10±2.0E-10				1.5E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	5.3E-~17E02	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	sodium-22"	1.3E-09±1.5E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-2.4E-11±2.8E-10	UI	v		8.9E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	5.0E-09±7.0E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	O.SE-11*1.2E-10	UI	v		2.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.2E-09±3 2E-10	UI	v		5.1E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	2.5E-10±1.4E-10				1.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	5.1E-08±1.4E-07	UI			1.3E-07	µCi/mL	GP	EPIA-013
0	Tin-113	83E-IW.2E-OS	UI			4. 0E-09	µCi/mL	GP	EPIA-013
2	Tritium	4.7E-05±1.4E-06				6.8E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.7E-11*S 6E-11	UI	v		8.8E-11	µCi/mL	GP	EPtA-011
0	Uranium-235	3.5E-11±4.0E-11	UI			3.5E-11	µCi/mL	GP	EPtA-011
0	Uranium-238	9.2E-11±6.6E- 11				3.5E-11	µCi/mL	GP	EPM411
0	Yttrium-88	8.2E-10±1.9E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.7E-09±3.2E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.0E-09±3.7E-09	UI			6.8E-09	µCi/mL	(3P	EPIA-013

WELL HSL 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/95 — **Time: 9:10**
Depth to water: 115.43 ft (35.18 m) **below TOC** — Water **temperature: 20.8°C**
Water elevation: 173.07 ft (52.75 m) mat — **Air temperature:** 21.8**°C**
pH 8.1 — **Alkalinity: 19 mg/L**
Sp. conductance: 70 µS/cm — **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 3 NTU
Water evacuated **from the well** prior to ● - 25 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	6.s	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	70				0.30	µS/cm	GE	EPA120. 1
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	4 .0				2.0	µg/L	GE	EPM260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA6260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (V l chloride)	<2,0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	G E	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	G E	EPA8260
0	Chromium, total recoverable	4.8				4.0	µg/L	GE	EPA601OA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	G E	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Irons-l,2-Dichloroethylene	<2.0				2.0	µg/L	G E	EPA8260
0	Dichloromethane	1.1	J	E		2.0	µg/L	G E	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	G E	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	G E	EPA8260
0	Irons-l,3-Dichloropropene	<2.0				20	µg/L	GE	EPA8260
0	Ethylbenzene	<20				2.0	µg/L	G E	EPA8260
0	Lead, Idol recoverable	1.2	J	E		50	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<020				020	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.052		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	-1.1	J	E		10	µg/L	G E	EPA6010A
0	Nitrate-nitrite as nitrogen	90		V		50	µg/L	GE	EPA353.1
o	Selenium, total recoverable	<5.0				50	µg/L	GE	EPA601OA
0	Sulfate	2,040				1.000	µg/L	G E	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA6260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA6260
o	Toluene	<20				20	µg/L	GE	EPA6260

Well HSL 60 collected on 12/27/35 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Thallium, total recoverable	<5.0				5.0	µg/L	t3E	EPA6010A
0	Toluene	<0.20		V		0.s0	µg/L	GE	EPA8260
0	Total dissolved solids	<29,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	645	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	4.3	J	E		10	µg/L	GE	EPA90208
0	Total phosphates (as P)	<so				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.0s0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<050				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.39	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	8.3				5.0	µg/L	GE	EPA8010A
0	Actinium-228	6.8E-09±6.9E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Americium-241	7.5E-104.SE-1O				1.*-10	µCi/mL	GP	EPIA-011
0	Antimony-124	7.7E-11±2.5E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	2.0E-09±5.4E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.9E-09±2.4E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	8.6E-09±1.4E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	4.2E-10±2.1E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.9E-09±3.4E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.1E-09±1.8E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-7.9E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8.6E-10±2.0E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-IL8E-12*1.2E-11	in			1.2E-10	µCi/mL	GP	EPtA-011
0	Curium-243/244	-9.1E-12±6.9E-11	UIJ	c		2.1E-10	µCi/mL	GP	EPtA-011
0	Curium-245/246	0.0E+00	UI			5.3E-11	µCi/mL	GP	EPtA411
0	Europium-152	S8E-1OM.4E-OS	UI			9.4E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.2E-09±5.4E-09	UI			1.*E-08	µCi/mL	GP	EPIA-013
0	Europium-155	4.1E-10±7.3E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.8E-09±1.2E-09				8.7E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.6E-10±3.2E-09	UI			1.72-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.3E-09±6.2E-09	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.1E-10±1.9E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	6.9E-10±1.7E-10				9.5E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-9.9E-09±1.4E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	7.4E-08±3.5E-09				1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-8.1E-11±4.7E-11	UI			4.4E.1O	µCi/mL	GP	EPIA-012
o	Plutonium-239/240	9.1 E-11* 1.4E-1O	UI			:.~3E-	µCi/mL	GP	EPIA-012
0	Potassium-40	3.7E-08±2.2E-08	UI				µCi/mL	GP	EPIA-013
0	Promethium-144	-8.1E-10±1.8E-09	UI			3: 1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-8.9E-10±2.4E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	7.0E-10±3.0E-10				1.3E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	-5.5E-09±1.8E-08	UI			2.7E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	7.8E-10±1.9E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
2	Strontium-90	3.7E-08±3.3E-09				8.0E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.3E-09±7.5E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
0	Thorium-225	3.2E-10±2.5E-10	UI	V		2.9E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.1E-10±1.9E-10	UI	v		2.0E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	3.8E-11*51.6E-1 1	UI			2.0E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	1.4E-07±1.7E-07	UI			1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-1 13	-5.6E-10±2.3E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
2	Tritium	4.0E-05±1.3E-06				6.5E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	7.0E-10±1.8E-10	UI	v		9.3E-11	µCi/mL	GP	EPtA-011
0	Uranium-235	4.8E-11*4.SE-1 1	UI			6.7E.11	µCi/mL	GP	EPIA-011
0	Uranium-238	7.1E-10±1.8E-10				3.2E-11	µCi/mL	GP	EPtA-011
0	Yttrium-88	-4.4E-10±2.4E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.9E-09±5.3E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	- i .3E-09±3.4E-09	UI			5.8E-09	µCi/mL	GP	EPIA-013

WELL HSL 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/95
Depth to water: 23.96 ft (7.3 m) below TOC
Water elevation: 259.64ft(79.2n) mat
pH: 4.7
Sp. conductance: 66 µS/cm
Turbidity: 13 NTU
Water evacuated from the wall **prior to sampling:** 2 gal

Time: 9:43
Water **temperature: 20.7°C**
Air temperature: 20.4°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.0	J	Q	L	0.010	pH	G E	EPA150.1
O	Specific conductance	61				0.30	µS/cm	G E	EPA120.1
0	Benzene	<2.0				2.0	µg/L	G E	EPA8260

Well HSL 7D collected on 10/12/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.16	J	E		2.0	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA6260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	14				4.0	µg/L	GE	EPA6010A
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	1.3	J	E		2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	12				5.0	µg/L	GE	EPA601OA
0	Mercu . tot recoverable	<0.060		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	4.6	J	E		10	µg/L	GE	EPA601OA
0	Nitrate-nitrite e S nitrogen	3,220		v		100	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Sulfate	654	J	E		1,000	µg/L	GE	EPA300.0
0	1,1 ,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1 ,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Gross alpha	1.2E-09±7.0E-10				1.1E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.2E-O24.7E-1O				1.5E-09	µCi/mL	GP	EPIA-001
0	Radium, total @ha-amlHkrg	8.0E-10±3.0E-10				2.3E-10	µCi/mL	GP	EPIA-O1O
2	Tritium	32E4)S4.5E-06				1.8E-08	µCi/mL	GP	EPIA-002

WELL HSL 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/2s/95
Depth to water: 25.3 ft (7.71 m) below TOC
Water elevation: 258.5ft (78.79m) msl
pH: 4.6
Sp. conductance: 52 µS/cm
Turbidity: 7 NTU
Water **evacuated from the** watt **prior** 10 sampling: 15 gal

Time: 9:17
Water temperature: 17°C
Air temperature: -2.5°C
Alkalinity: 1 mg/L
Phenolphalein alkalinity: O **mg/L**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.4	J	Q	L	*0.3.0*	pH	GE	EPA150.1
0	Specific conductance	46					µS/cm	GE	EPA120.1
0	Alkalinity(e s CaCO3	2.0				1,000	mg/L	GE	EPA31O.1
0	Alkalinity (as CaCO3|	2.0				1,000	mg/L	GE	EPA31O.1
2	Aluminum, total recoverable	399		v		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<4.s		v		50	µg/L	GE	EPA601oA
0	Barium, total recoverable	34		v		3 0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0 50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.11		v		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	17	J	E		50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0 050	µg/L	GE	EPA8260
0	Bromoform	<0.0s0				o 0s0	µg/L	GE	EPA8260
0	Bromomethane	<0.43		v		010	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				20	µg/L	GE	EPA601OA
0	Calcium, total recoverable	1,140				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<o 050				0.0s0	µg/L	GE	EPA8260
0	Chloride	3,890		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<00s0				0 050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<o 10				010	µg/L	GE	EPA8260

Well HSL SC collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Uranium-233/234	8.2E-1l&9E-11	UI	v		9.5E- 11	µCi/mL	GP	EPIA-011
O	Uranium-235	-5.7E-12±2.9E- 11	UI			9.6E.11	µCi/mL	GP	EPIA.011
o	Uranium-238	6. OE-11*5.5E-1 1	UI			S9E-11	µCi/mL	GP	EPIA-011
o	Yttrium-88	1.7E-09±2.0E-09	UI			4.4E-09	µCi/mL	t 3 P	EPIA-013
o	Zinc-65	-1.2E-09±4.4E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	2.9E-09±3. 1E-09	UI			6.2E-09	µCi/mL	GP	EPIA-013

WELL HSL 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/95
Depth to water: 19.85 ft (6.05 m) below TOC
Water elevation: 2801.53 (79.29m) msl
pH: 4.2
Sp. conductance: 86 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 13:00
Water temperature: 21.8°C
Air temperature: 24°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.2	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	84				0.30	µS/cm	GE	EPA120.1
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.11	J	E		2.0	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl Vinyl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.7	J	E		4.0	µg/L	GE	EPA6010A
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	4.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	42.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	5.6				5.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.11		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.7	J	E		10	µg/L	GE	EPA6010A
0	Nitrate-nitrite as nitrogen	980		V		50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Sulfate	18,600				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPM260
0	Toluene	<2.0				2.0	µg/L	GE	EPAS260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPM260
0	Gross alpha	2.7E-09±1.0E-09				6.6E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.0E-08±2.9E-09				1.4E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	1.6E-09±4.0E-10				2.0E-10	µCi/mL	GP	EPIA-010
2	Tritium	3.6E-05±2.3E-06				1.3E-06	µCi/mL	GP	EPIA-002

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95
Depth to water: 21.03 ft (6.41 m) below TOC
Water elevation: 256.97 ft (78.94 m) msl
pH: 4.4
Sp. conductance: 98 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling; 10 gal

Time: 8:55
Water temperature: 21°C
Air temperature: -1.8°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.4	J	a	L	0.010	pH	GE	EPA150.1
0	Specific conductance	86				0.30	µS/cm	GE	EPA1201
o	Alkalinity (as CaCO3)	<1.0				1,000	mg/L	GE	EPA31o.1
2	Aluminum, total recoverable	989		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	1.1	J	E		5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	4s.0				5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	23		v		3.0	µg/L	GE	EPA6010A
0	Benzene	<0.50				0s0	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.082		V		3.0	µg/L	GE	EPA601oA
0	Boron, total recoverable	12	J	E		50	µg/L	GE	EPMO1OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.60		V		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPMO1OA
0	Calcium, total recoverable	2,760				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	4.050				0.050	µg/L	GE	EPA8260
0	Chloride	1,360				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPM260
0	Chloroform	4.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	6.2				4.0	µg/L	GE	EPMO1OA
0	Cobalt, total recoverable	0.85	J	E		4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	1.4	J	E		4.0	µg/L	GE	EPA601oA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0050	µg/L	GE	EPA8260
0	Dichloromethane	065				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	4.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1.3-Dichloropropene	<0 050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	83	J	E		100	µg/L	GE	EPA300.0
0	Iron, total recoverable	100				18	µg/L	GE	EPMO1OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPMO1OA
0	Magnesium, total recoverable	1,400				20	µg/L	GE	EPA6010A
2	Manganese, total recoverable	71				2.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	2.1	J	E		10	µg/L	GE	EPMo1OA
0	Nitrate as nitrogen	2,080				200	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	2,060		v		100	µg/L	GE	EPA3531
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.12				0.12	µg/L	GE	EPM060
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCS 1242	<0.12				012	µg/L	GE	EPM060
0	PCS 1248	<0 12				012	µg/L	GE	EPM060
0	PCB 1254	<0.12				012	µg/L	GE	EPA6060
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA6060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	559				500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silks, total recoverable	6,950		Iv		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	3,050		v		100	µg/L	GE	EPA601oA
0	Sulfate	16,600				1,000	µg/L	GE	EPA300 O
0	1,1,2,2-Tetrachloroethane	<0.050				0 050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				o 0s0	µg/L	GE	EPA8260

Well HSL 6C collected on 10/11/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Sulfate	493	J	E		1,000	µg/L	GE	EPA300.0
O	1, 1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPAs260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPM260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2 -Trichloroethane	<20				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPM260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Gross alpha	2.2E-10±3.7E-10	UI			7.8E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	4.0E-10±6.4E-10	UI			1.4E-09	µCi/mL	GP	EPIA-001
o	Radium, total ● @ha-amitting	2.0E-10±2.0E-10				2.0E-10	µCi/mL	GP	EPIA-01O
O	Tritium	1 . 8E-09±3.1E-07	UI			5.3E-07	µCi/mL	GP	EPIA-002

WELL HSL 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95 **Time: 8:43**
Depth to water: 32.1 ft (9.78 m) below TOC **Water temperature: 20°C**
Water elevation: 244.6 ft (74.55 m) msl **Air temperature: -1.8°C**
pH: 4.8 **Alkalinity: 1 mg/L**
Sp. conductance: 22 µS/cm **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 0 NTU
Water evacuated from **the** was **prior** to **sampling:** 31 **gal**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.4	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	23				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	3.1				1,000	mg/L	GE	EPA31o.1
0	Aluminum, total recoverable	<s2		V		20	µg/L	GE	EPMo1oA
0	Ammonia nitrogen	20	J	E		50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Barium, total recoverable	2.0	J	EV		3.0	µg/L	GE	EPMO1OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	4.073		V		3.0	µg/L	GE	EPA6010A
0	Boron, total recoverable	<50				50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	4.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	4.44		V		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	1,260				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,690				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPM260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	2.5	J	E		4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPMo1oA
0	Copper, total recoverable	0.65	J	E		4.0	µg/L	GE	EPMo1oA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1, 1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA826C
0	Dichloromethane	0.64				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.0s0	µg/L	GE	EPA6260
0	cis-1 ,3-Dichxopropene	<0.050				0.050	µg/L	GE	EPA62s0
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.0s0	µg/L	GE	EPA6260
0	Fluoride	25	J	E		100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA6010A
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPASO1OA
0	Magnesium, total recoverable	344				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	12				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601oA
0	Nitrate as nitrogen	316				10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	300		V		50	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300 O

Well tiSL SC collected on 12/27/95 (writ)

F	Analyte	Result	R	A	B	SOL	Un	Lab	Method
0	PCB 1016	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPMoso
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1248	<0.12				0.12	µg/L	GE	EPM060
0	PCB 1254	<0.12				0.12	µg/L	GE	EPMoso
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	265	J	E		silo	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Silica, total recoverable	10,500		Iv		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EFA601oA
0	Sodium, total recoverable	1,900		V		100	µg/L	GE	EPA6010A
0	Sulfate	513	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPMo1oA
0	Toluene	<0.17		V		0.30	µg/L	GE	EPA8260
0	Total dissolved solids	<20,000		V		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1,000				1,000	µg/L	GE	EPA415.1
0	Total organic halogens	3.8	J	E		10	µg/L	GE	EPA9020B
0	Total organic halopers	2.s	J	E		10	µg/L	GE	EPA9020B
0	Totalpphosphates(as P)	200				50	µg/L	GE	EPA365.4
0	Total phosphates (as P)	190				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1.1.2-Trichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.0s0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.s0	µg/L	GE	EPAS260
0	Vanadium, total recoverable	0.32	J	E		10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	7.3				5.0	µg/L	GE	EPA6010A
0	Actinium-228	-4.8E-10±7.2E-09	UI			1 .3E-08	µCi/mL	GP	EPIA-013
0	Americium-241	6.2E-12±4.5E- 11	UI			1.5E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	-1.1E-09±2.3E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-5.6E-09±5.2E-09	UI			8.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	23Ew.8E-02	UI			4.32-02	µCi/mL	GP	EPIA-013
0	Cerium-144	8.2E-09±1.5E-08	UI			2. SE-OS	µCi/mL	GP	EPIA-013
0	Cesium-134	1.6E-09±2.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.1E-10±2.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.8E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	5.7E-11±2.0E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-6.7E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Curium-242	4.6E-11±8.1E-11	UI			1.7E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.5E-11±9.5E-11	UIJ	C		2.8E-10	µCi/mL	GP	EPtA-011
0	Curium-245/246	0.0E+00	UI			6.3E-11	µCi/mL	GP	EPtA-011
0	Europium-152	-3. 1E-09±5.7E-09	UI			9.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.8E-09±4.8E-09	UI			9.7E-09	µCi/mL	(3P	EPIA-013
0	Europium-155	-2.4 E-09±7.9E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-3.3E- 114.02.10	UI			1.1E-09	µCi/mL	GP	EPIA-001
1	Iodine-129	9.5E-10±1.1E-09	UI			2.1E-09	µCi/mL	GP	EPIA-006
0	Lead-212	6.7E-09±4.1E-09	UI			7.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.1E-09±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.8E-11±1.8E-11	UI			8.6E-11	µCi/mL	GP	EPIA-012
0	Neptunium-237	3.8E-11~5.7E- 11	UI			1.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-7.1E-09±1.4E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.8E.1W7.4E-10	UI			1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	6.5E-12±1.7E 10	UI			4.2E-10	µCi/mL	GP	EPIA-012
0	Plutonium-238	32E-ml.sE-02				1.5E-09	µCi/mL	GP	EPIA-012
0	Plutonium-238	5.3E-11±1.6E-10	UI			4.1E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	O 0E+00	UI			1.4E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.1 E-10'AI.4E-1O	UI			1.9E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	2.2E-08±3.2E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-6.9E-11±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.2E- 11±2.4E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Radium, total ● tpha-amitting	1.0E-10±2.0E-10	UI			1.6E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	1.1E-08±1 9E-06	UI			3.1E-08	µCi/mL	G?	EPIA-013
0	Sodium-22	1.0E-09±1.7E-09	UI			35E-02	µCi/mL	GP	EPIA-013
0	Strontium-SO	4.6E-10±4.4E-10	UI			7.6E-10	µCi/mL	GP	EPIA-004
0	Technetium-22	3.6E-09±7.7E-09	UI			1.8E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	5.7E-10±3.6E-10	UI	V		33E-10	µCi/mL	GP	EPIA-012
0	Thorium-226	8.2E-10±4.5E-10	UI	V		2.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	8.1E-11±1.4E-10	UI	V		29E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.2E-10±2.2E-10	UI	V		1 6E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.5E-11*1.4E-1O	UI			3.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.0E+00	UI			1 6E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	0.0E+00	UI			20E;07	µCi/mL	GP	EPIA-013
0	Tin-113	2.4E-10±2.5E-09	UI			45E4N	µCi/mL	GP	EPIA-013
0	Tritium	-7.0E41tt*37E-07	UI			65E-07	µCi/mL	GP	EPIA-002

Well HSL 6B collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.0s0				0.050	µg/L	GE	EPA6260
0	Fluoride	418				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	37				18	µg/L	GE	EPA601OA
0	Iron, total recoverable	54				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	5.2				5.0	µg/L	GE	EPA6010A
0	Lead, total recoverable	<100				100	µg/L	GE	EPA601OA
0	Lead, total recoverable	3.6	J	E		5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	667				20	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	564				20	µg/L	GE	EPA6010A
0	Manganese, total recoverable	16				2.0	µg/L	GE	EPA6010A
0	Manganese, total recoverable	15				10	µg/L	GE	EPA601OA
0	Manganese, total recoverable	15				2.0	µg/L	GE	EPA6010A
0	Mercury tot recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<Io				10	µg/L	GE	EPA601OA
0	Nitrate as nitrogen	131		I		10	µg/L	GE	EPA300.0
0	Nitrate ● nitrogen	13s		I		10	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	120		V		50	µg/L	GE	EPA353.1
0	Nitrite e . nitrogen	<s.0				5.0	µg/L	GE	EPA300.0
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1018	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	4.13				0.13	µg/L	GE	EPAB060
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 12s4	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	522				500	µg/L	GE	EPAW10A
0	Potassium, total recoverable	575				500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	1.8	J	E		5.0	µg/L	GE	EPA601OA
0	Selenium, total recoverable	4.0	J	E		5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	29,200		IV		100	µg/L	GE	EPA601OA
0	Silica, total recoverable	26,000		Iv		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Silver, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,990		v		100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,820		v		100	µg/L	GE	EPA601OA
0	Sulfate	4,800				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Thallium, total recoverable	<s.0				5.0	µg/L	GE	EPA6010A
0	Toluene	<0.18		V		0.s0	µg/L	GE	EPA8260
0	Total dissolved solids	61,000		V		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	422	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	6.9	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	1.960				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<o 050				00s0	µg/L	GE	EPA6260
0	Trichloroethylene	<0,050				0050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	1.8	J	E		10	µg/L	GE	EPA601OA
0	Vanadium, total recoverable	1.1	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	76				5.0	µg/L	GE	EPA601oA
0	Zinc, total recoverable	72				5.0	µg/L	GE	EPA601OA
0	Actinium-228	5.1E-09±4.1E-09	UI			8.2E-09	µCi/mL	GP	EPfA-013
0	Americium-241	3.7E-12±5.5E-11	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Antimony 124	2.5E-10±1.5E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Antimony-12s	2.0E-09±2.9E-09	UI			5.4E-09	µCi/mL	GP	EPIA-013
0	Barium-133	5.7E-10±1.6E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	3.8E-09±8.9E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.0E-10±1.4E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-4.6E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.0E-10±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.4E-10±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.4E-10±1.3E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-9.4E-12*3.4E-11	UI			1. OE-10	µCi/mL	GP	EPiA-011
0	Curium-2431244	3.8E-11~5.8E- 11	UIJ	c		1.1E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-R.7E-12*1.2E-11	UI			6.6E-11	µCi/mL	GP	EPIA-011
0	Europium-152	1.4 E-09±3.1E-09	UI			5.8E-09	µCi/mL	GP	EPIA-013

Well HSL 6B collected on 12/37/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Europium-154	-1.5E-09±3.5E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.7E-09±4.9E-09	UI			8.8E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.6E-10±4 OE-10	UI			8.7E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.3E-10A1.0E-02	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.1E-09±3.5E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	6.7E-10±1.6E-09	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	4.IE-11~4.8E-I 1	UI			7.9E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	1.8E-09±9.0E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	S.2E-1ML7E-1O	UI			2.0E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.3E-11±1.0E-10	UI			2.5E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.4E-10±9.8E-11				9.7E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	1.0E-08±3.1E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.7E-10±1.1E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Promdhkrm-146	3.3E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	-1.OE-1W.OE-1O	UI			2.OE-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	2.4E-09±1.1E-08	UI			1. SE-06	µCi/mL	GP	EPIA-013
0	Sodium-22	-S.3E-1OA1.3E-O6	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.7E-09±7.1E-10	UI			O.3I51O	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.0E-09±7.8E-09	UI			1.9E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	8.2E-1WS.OE-1O	UI	v		S.OE-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.6E-1*3.1E-1O	UI	v		3.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	6.2E-11±1.3E-10	UI			1.9E- 10	µCi/mL	GP	EPIA-012
0	Thorium-234	0.0E+00	UI			9.7E-08	µCi/mL	GP	EPIA-013
0	Tin-113	-6.1E-10±1.4E-09	UI			2. SE-03	µCi/mL	GP	EPIA-013
0	Tritium	2.0E-07±3.8E-07	UI			6.5E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.4E.104.OE-11	UI	v		8.4E-11	µCi/mL	GP	EPfA-011
0	Uranium-235	8.OE-11*6.6E- 11				4.0E-11	µCi/mL	GP	EPtA-011
0	Uranium-238	6.7E-11:6.OE-1 1				4.0E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	4 8E-10±1.4E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.5E-10±2.6E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.7E-09±2.3E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013

WELL HSL 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: IW11/9s
Depth to water: 31.08 ft (9.47 m) below TOC
Water elevation: 2455821 (74.87m)) msl
pH: 5.2
Sp. conductance: 25 µS/cm
Turbidity: O NTU
Water evacuated from the **well** prior to **sampling:** 46 gal

Time: **12:03**
Water temperature: 20"C
Air temperature: 22.8*C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.3	J	Q	L	0.010	pH	GE	EPA150 1
0	Specific conductance	23				0.30	µS/cm	GE	EPA120.1
0	Benzene	<2.0				2.0	µg/L	GE	EPA6260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPM260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPM260
0	Chloroethene (Vinychloride)	<2.0				2.0	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<Io				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA6260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA6260
0	Chromium, total recoverable	3s	J			4 0	µg/L	GE	EPA601OA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichlordethylene	<20				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				20	µg/L	GE	EPA6260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPM260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichoropropene	<2.0				2.0	µg/L	GE	EPM260
0	trans-1,3-Dichloropropene	<2,0				2 0	µg/L	GE	EPA6260
0	Ethylbenzene	<2.0				2 0	µg/L	GE	EPM260
0	Lead, total recoverable	<5.0				5 0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0027				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.1	J			10	µg/L	GE	EPA601OA
0	Nitrate-nitrite as nitrogen	260				50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5 0	µg/L	GE	EPA601OA

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Welt HSL 6AA collected on 12/27/95 (cont.)

F	Analyte	Result	n	A	B	SOL	Unit	Lab	Method
0	Neptunium-239	-5.0E-09±1.0E-08	UI			1.8E-08	µCi/mL	GP	EPIA-0 3
0	Nonvolatile beta	9.BE-1WS5E-1O	UI			1.8E-09	µCi/mL	GP	E IA-0 1
0	Plutonium-238	8.9E-11*1.3E-1O	UI			ME-10	µCi/mL	GP	E IA-0 2
0	Plutonium-239/240	1.5E-10±1.4E-10				1.5E-10	µCi/mL	GP	E IA-O 2
0	Potassium-40	1.6E-08±2.5E-08	UI			2.4E-08	µCi/mL	GP	E IA-0 3
0	Promethium-144	2.5E-09±2.8E-09	UI			2.8E-09	µCi/mL	GP	E IA-0 3
0	Promethium-146	9.3E-10±2.0E-09	UI			3.6E-09	µCi/mL	GP	E IA-O 3
0	Radium, total alpha-emitting	7.0E-10±4.0E-10				2.OE-10	µCi/mL	GP	E IA-O 0
0	Ruthenium-106	1.9E-09±1.4E-08	UI			2.5E-08	µCi/mL	GP	E IA-0 3
0	Sodium-22	8.6E-10±1.1E-09	UI			3.1E-09	µCi/mL	GP	E IA-0 3
0	Strontium-90	-4,7E-1W.7E-1O	UI			O.1E-10	µCi/mL	GP	E IA-004
0	Technetium-99	-3.5E-09±7.9E-09	UI			2.0E-08	µCi/mL	GP	E IA-O05
0	Thorium-228	3.2E-1W3.6E"1O	UI	V		6. 1E-10	µCi/mL	GP	E IA-0 2
0	Thorium-230	4.4E-11*1.4E-1O	UI	V		4.IK-10	µCi/mL	GP	E IA-0 2
0	Thorium-232	-8.5E-12±1.7E-11	UI			3.2E-10	µCi/mL	GP	E IA-0 2
0	Thorium-234	1.4E-07± 1. 1E-07	R			1.1E-07	µCi/mL	GP	E IA-O 3
0	Tin-113	-7.5E-1OA.2E-O2	UI			3.7E-09	µCi/mL	GP	E IA-0 3
0	Tritium	-6. 1E-09±3.7E-07	UI			6.5E-07	µCi/mL	GP	E IA-002
0	Uranium-233/234	1.3E-104.7E-11	UI	v		9.3E-11	µCi/mL	GP	E IA-0 1
0	Uranium-235	8.5E-114.SE-1 1				3.7E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.OE-104OE-11	UI			1.1E-10	µCi/mL	GP	EPtA-011
0	Yttrium-88	1.0E-09±3.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	9.1 E.10A2.6E-O3	UI			5.4E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2.7E-1OA2.6E-O6	UI			5.0E-09	µCi/mL	GP	EPIA-013

WELL HSL 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/1 1/25
Depth to water: 32.44 ft (9.89 m) below TOC
Water elevation: 244.66 ft (74.57 m) msl
pH: 5.7
Sp. conductance: 5s µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 47 gal

Time: 11:38
Water temperature: 20.7°C
Air temperature: 22.2°C
Alkalinity: 10 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	6.0	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	57				0.30	µS/cm	GE	EPA120.1
0	Barium, total recoverable	5.8		v		3.0	µg/L	GE	EPMO1OA
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.2s	J	E		2.0	µg/L	GE	EPMO1OA
0	Cadmium, total recoverable	0.29	J	E		2.0	µg/L	GE	EPASO1OA
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<1.1		V		2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	2.4	J	E		4.0	µg/L	GE	EPMO1OA
0	Chromium, total recoverable	2.2	J	E		4.0	µg/L	GE	EPMO1OA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	4.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPM260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lead, total recoverable	1.2	J	E		5.0	µg/L	GE	EPA6010A
0	Manganese, total recoverable	17		V		2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.10		v		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.0	J	E		10	µg/L	GE	EPA601OA
0	Nickel, total recoverable	1.3	J	E		10	µg/L	GE	EPASO1OA
0	Nitrate-nitrite as nitrogen	120		v		50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A

Well HSL 6B collected on 10/11/95 (cont.)

F	Analyte	Result	R	A	B	sot.	Unit	Lab	Method
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Sulfate	3,720				1,000	µg/L	GE	EPA300.0
O	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
O	Tetrachloroethylene	4.0				2.0	µg/L	GE	EPA8260
O	Toluene	<2.0				2.0	µg/L	GE	EPA8260
O	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPM260
O	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
o	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
O	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
o	Gross alpha	6OE-1W4.5E-1O				S.3E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1.5E-09±7.4E-10				1.4E-09	µCi/mL	GP	EPIA-001
O	Radium, total @ha-emlttirq	8.OE.1W3.OE.1O				2.3E.1O	µCi/mL	GP	EPIA-010
0	Radium, total la-emntirlg	0.0E+00±2.0E-10	UI			2.SE.1O	µCi/mL	GP	EPIA-010
0	Tritium	-8.8E-08±3.1E-07	UI			5.4E-07	µCi/mL	GP	EPIA-002

WELL HSL 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/25
Depth to water: 33.3 ft (10.15 m) below TOC
Water elevation: 243.8ft(74.31 m) msl
pH: 5.4
Sp. conductance: 5s µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 44 gal

Time: 10:48
Water temperature: 20°C
Air temperature: 7°C
Alkalinity: 54 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	6.0	J	Q	L	0010	pH	GE	EPA150.1
0	Specific conductance	57				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	11				1,000	mg/L	GE	EPA31o.1
0	Aluminum, total recoverable	<113		V		20	µg/L	GE	EPA601oA
0	Aluminum, total recoverable	<125		V		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	20	J	E		so	µg/L	GE	EPA350.1
0	Anthony, total recoverable	2.3	J	E		50	µg/L	GE	EPMO1OA
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
o	Arsenic, total recoverable	2.6	J	E		5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	3.4	J	E		5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	6.8		v		3.0	µg/L	GE	EPA601oA
0	Barium, total recoverable	6.8	J	E		25	µg/L	GE	EPMO1OA
0	Barium, total recoverable	6.8		v		3.0	µg/L	GE	EPA601oA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.75	J	EV		3.0	µg/L	GE	EPA601OA
0	Beryllium, total recoverable	<0.16		v		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	13	J	E		50	µg/L	GE	EPA601OA
0	Boron, total recoverable	18	J	E		50	µg/L	GE	EPA6010A
0	Bromodichlorom th ne	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.31		v		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.s3	J	E		2.0	µg/L	GE	EPA601oA
0	Cadmium, total recoverable	0.71	J	E		2.0	µg/L	GE	EPMO1OA
0	Calcium, total recoverable	5,740				20	µg/L	GE	EPMO1OA
0	Calcium, total recoverable	5,430				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,560				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<010				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl Other	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.070				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.7	J	E		40	µg/L	GE	EPA601OA
0	Chromium, total recoverable	1.4	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	2.6	J	E		4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	1.8	J	E		4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	3.0	J	E		40	µg/L	GE	EPASO1OA
0	Copper, total recoverable	4.2				4.0	µg/L	GE	EPA6010A
0	Cyanide	<lo				10	µg/L	GE	EPA335 3
0	Dibromochloromethane	<0.050				0 050	µg/L	GE	EPA8260
0	1.1-Dichloroethane	<0050				0050	µg/L	GE	EPA8260
0	1,2-Dkhbroathane	<0050				0050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0050				0050	µg/L	GE	EPA8260
0	Dichloromethane	0.64				050	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0050				0050	µg/L	GE	EPA8260

Well HSL 6AA collected on 10/1 1/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.31	J	E		2.0	µg/L	GE	EPA60
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Viny chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	E A8260
0	Chloromethane	<2.0				20	µg/L	GE	EPA8260
0	Chromium, total recoverable	0.62	J	E		4.0	µg/L	GE	EPA60
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	E A8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	E A8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	E A8260
0	Lead, total recoverable	16				5.0	µg/L	GE	E A60 0A
0	Mercury, total recoverable	<0.016		v		0.20	µg/L	GE	E 70
0	Nickel, total recoverable	6.7	J	E		10	µg/L	GE	EPA60 0A
0	Nitrate-nitrite ● c nitrogen	<lo		V		50	µg/L	GE	EPA35
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA60 0A
0	Sulfate	8,300				1,000	µg/L	GE	EPA300
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	E A8260
0	Toluene	<2.0				2.0	µg/L	GE	E A8260
0	1.1 ,1-Trichloroethane	<2.0				2.0	µg/L	GE	E A8260
0	1, 1,2-Trichloroethane	<2.0				2.0	µg/L	GE	E A8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	E A8260
0	Gross alpha	1.3E-W7.4E-1O				1.0E-09	µCi/mL	GP	EPI 00
0	Nonvolatile beta	2.0E-09±9.7E-10				1.6E-09	µCi/mL	GP	E A-00
0	Radium, total ● @tra-amitttq	1.4E-OWME-1O				2.5E-10	µCi/mL	GP	EPI -0
0	Tritium	-2.6E-08±3.1E-07	UI			5.3E-07	µCi/mL	GP	EPIA-002

WELL HSL 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/27/95
Depth to water: 107.9 lt (32.89 m) below TOC
Water elevation: 16s.8 n (51.45 m) msl
pH: 5.8
Sp. conductance: 95 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 52 gat

Time: 1230
Water temperature: 21°C
Air temperature: 9.8°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	pH	6.4	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	87				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	26				1,000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	<38		v		20	µg/L	GE	EPA601oA
0	Ammonia nitrogen	<50				so	µg/L	GE	EPA350.1
0	Antimony, total recoverable	1.2	J	E		5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Barium, total recoverable	26		v		3.0	µg/L	GE	EPMo1oA
0	Benzene	<0.50				0.50	µg/L	GE	EPM260
0	Beryllium, total recoverable	<0.060		v		3.0	µg/L	GE	EPA601OA
0	Baron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<041		v		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Icium, tota recov ble	11,100				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	1,620				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0 050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPM260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPM260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA6260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA6260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260

Well HSL 6AA collected on 12/27/25 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	1.9	J	E		4.0	µg/L	GE	EPAS01OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochlorom th ne	<0.050				0.050	µg/L	GE	EPA8260
0	1, 1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1 ,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0050				0.050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Dichloromethane	0.61				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.0s0				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<o 050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<o 050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	66	J	E		100	µg/L	GE	EPA300.0
2	ken, total recoverable	462				18	µg/L	GE	EPA6010A
0	load, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	95				20	µg/L	GE	EPA6010A
2	Manganese, total recoverable	59				2.0	µg/L	GE	EPA6O1oA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Nitrate ● nitrogen	<10		I		10	µg/L	GE	EPA300 O
0	Nitrate-nitrite ● s nitrogen	<50				50	µg/L	GE	EPA3531
0	Nitrate-nitrite ● s nitrogen	<lo		v		50	µg/L	GE	EPA3531
0	Nitrite as nitrogen	<s.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1248	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1254	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA8080
0	Phenols	<s.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,150				500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<s.0				5.0	µg/L	GE	EPMO1OA
0	Silica, total recoverable	21,100		IV		00	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPMO1OA
0	Sodium, totat recoverable	3,220		v		100	µg/L	GE	EPA6010A
0	Sulfate	8,700				1,000	µg/L	GE	EPA300.0
0	1,1 ,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	4.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<s.0				5.0	µg/L	GE	EPA601OA
0	Toluene	<0.18		v		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	57,000		v		5,000	µg/L	GE	EPA180.1
0	Totat organic carbon	366	J	E		1 *000	µg/L	GE	EPA415.1
0	Total organic halogens	14				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	370				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	<lo				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	80				5.0	µg/L	GE	EPA6010A
0	Actinium-228	2.6E-09±1.0E-08	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.7E-1 1A3.4E-11	UI			5.0E-11	µCi/mL	GP	EPIA-011
0	Antimony- 124	-5.6E-10±1.8E-09	UI			32E-02	µCi/mL	GP	EPIA-013
0	Antimony-125	3.oE-I&46E-02	UI			7.8E-09	µCi/mL	GP	EPIA-013
0	Barium-133	9.9E-12±2.2E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	5.4E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.0E-11±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.3E-09±1.5E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6.0E-11±1.3E-09	UI			24E-06	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1 8E-09±1.8E-09	UI			29E-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	-9.9E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Curium-242	O. 0E+00	UI			5.4E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.2E-11~5.9E-1 1	UIJ	c		102-10	µCi/mL	GP	EPtA-011
0	Curium-245/246	0.0E+00	UI			5 0E-11	µCi/mL	GP	EPIA-011
0	Europium-152	75E- 10±4.9E-09	UI			8 4E-09	µCi/mL	GP	EPIA-013
0	Europium-154	24E-txk3 2E-09	UI			7 0E-09	µCi/mL	GP	EPIA-013
0	Europium-t 55	8OE-lti57E-06	UI			1 0E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.2E4)9*68E-10				89E-10	µCi/mL	GP	EPIA-001
0	Iodine 129	-I.1E-loA.1E-1o	UI			1 5E-09	µCi/mL	GP	EPIA-006
0	Laad-212	2.OE-0%44E-09	UI			4 3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.9E-10±1 6E-09	UI			28E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	4.6E-11±4.7E-11	UI			6.5E-11	µCi/mL	GP	EPIA-012

Watt HSL 6A collected on 12/27/s5 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	0.63	J	E		4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Capper, total recoverable	3.3	J	E		4.0	µg/L	GE	EPASO10A
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.30	J	E		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	119				100	µg/L	GE	EPA300.0
0	Fluoride	114				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	36				18	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	410				20	µg/L	GE	EPA601OA
1	Manganese, total recoverable	25				2.0	µg/L	GE	EPASO10A
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPM01OA
0	Nitrate as nitrogen	92				10	µg/L	GE	EPA300.0
0	Nitrate-nitrite ● nitrogen	100		v		50	µg/L	GE	EPA353.1
0	Nitrite ● S nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCS 1016	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPAS060
0	PCB 1242	<0.12				0.12	µg/L	GE	EPM060
0	PCB 1246	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1254	<0.12				0.12	µg/L	GE	EPA6060
0	PCB 1260	4.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	414	J	E		500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPASO10A
0	Silica, total recoverable	16,100		Iv		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Bodkin, total recoverable	4,460		v		100	µg/L	GE	EPA6010A
0	Sulfate	3,420				1,000	µg/L	GE	EPA300.0
0	Sulfate	3,330				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tatmohtoroathytana	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	<0.13		v		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	43.000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1,000				1,000	µg/L	GE	EPA415.1
0	Total organic carbon	191	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<Io				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	1,150				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1:1 ,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	4.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.32	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	6.4				5.0	µg/L	GE	EPA601oA
0	Actinium-228	2.3E-09±5.5E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	2.3E-09±8.5E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Americium-241	4.2E-11*1.1E-1O	UI			2.8E-10	µCi/mL	GP	EPtA-011
0	Antimony-124	7.8E-10±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	5.3E-10±1.7E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-7.9E-1oAoE-O2	UI			7.2E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.7E-09±4.7E-09	UI			8.2E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-3.2E-10±2.4E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	5.0E-10±2.4E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	5.0E-09±1 .6E-06	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Cwir,rm-144	2.8E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	8.3E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	2.8E-09±4.2E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.6E-11±1.8E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.3E-10±1.8E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.2E-09±1.6E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.1E-10±1.5E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.2E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4.1E-10±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013

Well HSL 6A collected on 12/27/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Cobalt-58	1.5E-09±4.0E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-8.0E-10±1 8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.0E-09±1.1E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-3.5E-11±2.7E-11	UI			2.6E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	9.2E.11*1.3E-10	UIJ	c		2.4E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-9.5E-12±1.4E-11	UI			1.7E-10	µCi/mL	GP	EPIA-011
0	Europium-152	3.2E-09±4.5E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.0E-09±4.7E-09	UI			8.2E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.4E-09±4.4E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	6.9E-10±7.2E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.8E-09±7.1E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-9.5E-10±6.0E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	4.0E-10±4.7E-10	UI			O.OE-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.8E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-006
0	Lead-212	O. 0E+00	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Lead-212	4.0E~42EOS	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.6E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	4.2E-10±1.5E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.6E-11±2.3E-11	UI			3.5E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-3.2E-09±1 1E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Neptunium-239	-2.2E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	7. SE-1 W7.1E-1O	in			1. SE-02	µCi/mL	GP	EPIA-001
0	Plutonium-238	62E-1U.9E-1O	UI	V		2.6E.1O	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	2 OE-1A1.5E-1O	UI	v		6.OE-11	µCi/mL	GP	EPIA-012
0	Potassium-40	2.2E-08±2 0E-08	UI			4.0E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	1.IE-06~35E-06	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.1E-09±1.8E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	6.9E-10±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.3E-10±2.0E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.0E-09±2 3E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	3. OE.1W.OE-10				1.6E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	3.4E-09±1.5E-08	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-5.3E-10±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-8.8E-1OA1.SE-O2	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	6.9E-10±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-8.6E-10±4.2E-10	UI			7. 1E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.9E-09±7.8E-09	UI			1. SE-02	µCi/mL	GP	EPIA-005
0	Thorium-226	7.OE-10'4.9E-1O	UI	v		3.4E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	6.OE-1M.7E-1O	UI	v		1.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.9E-1 1*3.22-11	UI			5.8E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	5.3E-08±7.9E-08	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	1.4E-08±1 .4E-07	UI			1.3E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-6.9E-10±2.0E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Tin-l 13	-1.1E-09±2.0E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Tritium	-3.2E-07e36E-07	UI			6.5E-07	µCi/mL	GP	EPIA-002
0	Tritium	-7.2E-08±3.7E-07	UI			6.5E-07	µCi/mL	GP	EPIA-002
0	uranium-233/234	1.3E-10±8 5E-11	UI	v		7.2E-11	µCi/mL	GP	EPIA-011
0	uranium-235	2. SE-l la36E-1 1	UI			3.8E.11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.1E-10±7.6E-11				3.6E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.5E-09±1.9E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	6.7E-10±1.8E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.7E-tB&32E-os	UI			52E-02	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.2E-09±3.8E-09	UI			55E-02	µCi/mL	GP	EPIA-013
0	Zirconium-95	6.2E-11±2.8E-09	UI			5. 0E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1 .1E-09±3 0E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013

WELL HSL 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: IW11/S5
Depth to water: 107.57 ft (32.79 m) below TOC
Water elevation: 169.13 ft (51 .55 m) msl
pH: 6.2
Sp. conductance: 66 µS/cm
Turbidity: 2 NTU
Water evacuated from the welt prior to sampling: 57 gal

Time: 11:50
Water temperature: 20.2°C
Air temperature: 22.5*C
Alkalinity 23 mg/L
Phenolphthalein alkalinity: O mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	64	J	Q	L	0010	pH	GE	EPAi50 1
0	pH	6.3	J	Q	L	0010	pH	GE	EPA150 1
O	pecific conductance	64				030	µS/cm	G E	EPA120. 1
0	Benzene	<2 0				2 0	µg/L	GE	EPA6260
0	Bromodichloromethane	<2 0				2 0	µg/L	GE	EPA6260
O	Bromoform	<20				2 0	µg/L	G E	EPA8260

Water elevation: 266.1 n [81.11 m] mar
pH: 5.1
Sp. conductance: 43 µS/cm
Turbidity: 1 NTU
Water evacuated from tho well prior to sampling: 16 gal

Air temperature: 24.2°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.3	J	o	L	0.010	pH	GE	EPA150.1
0	Specific conductance	41				0.30	µS/cm	GE	EPA120.1
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Carbon tetrachloxide	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
o	Chloroethane (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPAS260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<1.3		v		2.0	µg/L	GE	EPA8260
0	Chromium, total recoverabte	0.63	J	E		40	µg/L	GE	EPA601OA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPAS260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPM260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPM260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	5.1				5.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.2	J	E		10	µg/L	GE	EPA601OA
0	Nitrate-nitrite e s nitrogen	1,560				60	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Sulfate	4,240				1,000	µg/L	GE	EPA300.0
0	Sulfate	4,1s0				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPAS260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA6260
0	Gross alpha	6.2E-1OM.6E-1O	UI			8.8E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.4E-08±1.6E-09				1.5E-09	µCi/mL	GP	EPIA-001
0	Radium, total ● @ha-omitting	1.OE.1OAOE-10	UI			2.0E-10	µCi/mL	GP	EPIA-010
1	Tritium	1.4E-05±9.7E-07				8.4E-07	µCi/mL	GP	EPIA-002

WELL HSL 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 10/11/95
Depth to water: 106.42 ft (33.05 m) below TOC
Water elevation: 16S.38 ft (51 .32 m) msl
pH: 6
Sp. conductance: 53 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 27 gal

Time: 1220
Waler temperature: 20.5°C
Air temperature: 23.1°C
Alkalinity: 11 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.2	J	Q	L	0.010	pH	GE	EPA1501
0	Specific conductance	51				0.30	µS/cm	GE	EPA1201
O	Benzene	<2.0				2.0	µg/L	GE	EPM260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA6260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA6260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	t3E	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<1.2		v		2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.4	J	E		4.0	µg/L	GE	EPA601oA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	5.2				5.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.2	J	E		10	µg/L	GE	EPMO1OA
0	Nitrate-nitrite e s nitrogen	90				50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Sulfate	3,6S0				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	4.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				20	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Gross ● @ha	2.5E-10±3.5E-10	UI			6.6E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.OE-1OA6.8E-1O	UI			1.4E-09	µCi/mL	GP	EPIA-001
0	Radium, total ● @he-omkthg	1.OE-1W.K-1O	UI			1.9E-10	µCi/mL	GP	EPIA-O1O
0	Tritium	5.8E-10±3.1E-07	UI			5.3E-07	µCi/mL	G	EPIA-002

WELL HSL 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95
Depth to water: 108.9 ft (33.19 m) below TOO
Water elevation: 167.9 ft (51 .18 m) met
pH: 5.4
Sp. conductance: 56 µS/cm
Turbidity: 1 NTU
Water evacuated from the WOS prior to sampling: 35 gal

Time: 1025
Water temperature: 20°C
Air temperature: 7°C
Alkalinity: 97 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.1	J	o	L	0.010	pH	GE	EPA150.1
0	Specific conductance	49				0.30	µS/cm	GE	EPA120.1
0	Alkalinity as CaCO3)	12				1,000	mg/L	GE	EPA310.1
0	Alkalinity e s CaCO3)	12				1,000	mg/L	GE	EPA310.1
0	Aluminum, total recoverable	<56		v		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	<so				so	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<50				5.0	µg/L	GE	EPMO1OA
0	Arsenic, total recoverable	4.4	J	E		5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	7.2		V		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.077		V		3.0	µg/L	GE	EPA601oA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPM260
0	Bromoform	<0.050				o 0s0	µg/L	GE	EPA8260
0	Bromomethane	<0.47		v		010	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.11	J	E		2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	4,1s0				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,560				250	µg/L	GE	EPA300 O
0	Chloride	2,630				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0,050				0050	µg/L	GE	EPA6260
0	Chloroethane	<0.10				010	µg/L	GE	EPM260
0	Chloroethene (Vin lychloride)	<0.10				010	µg/L	GE	EPM260
0	2-Chloroethyl vinyl ether	<1.0				10	µg/L	GE	EPA8260
0	Chloroform	<0050				0 050	µg/L	GE	EPA6260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	t3E	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<1.2		v		2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.4	J	E		4.0	µg/L	GE	EPA601oA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	5.2				5.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.2	J	E		10	µg/L	GE	EPMO1OA
0	Nitrate-nitrite e s nitrogen	90				50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Sulfate	3,6S0				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	4.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				20	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Gross ● @ha	2.5E-10±3.5E-10	UI			6.6E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.OE-1OA6.8E-1O	UI			1.4E-09	µCi/mL	GP	EPIA-001
0	Radium, total ● @he-omkthg	1.OE-1W.K-1O	UI			1.9E-10	µCi/mL	GP	EPIA-O1O
0	Tritium	5.8E-10±3.1E-07	UI			5.3E-07	µCi/mL	G	EPIA-002

Well HSL 40 collected on 12/27/SS (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Barium, total recoverable	34		v		3.0	µg/L	GE	EPMO1OA
0	Benzene	<o 50				0.50	µg/L	GE	EPA8260
0	Benzene	<0.s0				0.50	µg/L	GE	EPAB260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	13	J	E		50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.0s0				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.0s0	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.0s0	µg/L	GE	EPA8260
0	Bromomethane	<0.51		V		0.10	µg/L	GE	EPA6260
0	Bromomethane	<0.79		v		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	6,390				20	µg/L	GE	EPMO1OA
0	Carbon tetrachloride	<0.050				0.0s0	µg/L	GE	EPA8260
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	1,820				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane	4.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	4.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl[illegible]	<1.0				1.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.6s				0.50	µg/L	GE	EPA8260
0	Dichloromethane	0.66				0s0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPM250
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	4.050				0.050	µg/L	GE	EPM260
0	tram-I ,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPM260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<la				18	µg/L	GE	EPMo1OA
0	Load. total recoverable	<5.0				5.0	µg/L	GE	EPMo1OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPMO1OA
0	Magnesium, total recoverable	2,510				20	µg/L	GE	EPA6010A
0	Manganese, total recoverable	8.0				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.021		v		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601OA
1	Nitrate as nitrogen	9,820				50	µg/L	GE	EPA300.0
0	Nitrate-nitrite ● = nitrogen	1,030		v		50	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1246	4.12				0.12	µg/L	GE	EPA8080
0	PCB 1254	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	2,300				500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	1.8	J	E		5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	4,510		Iv		100	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	4,460		v		100	µg/L	GE	EPA6010A
0	sulfate	11,600				1,000	µg/L	GE	EPA300.0

Well HSL 40 collected on 12/27/S5 (cent)

F	Analyte	Result	n	A	B	SQL	Unit	Lab	Method
o	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<0.050				0.0s0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.0s0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	4.20		V		0.50	µg/L	GE	EPA8260
0	Toluene	<0 19		V		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	42,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	917	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<50				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,1 -Trichloroethane	4.0s0				0.0s0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.056	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.s0	µg/L	GE	EPA8260
0	vanadium, total recoverable	<lo				10	µg/L	GE	EPMO1OA
0	Zinc, total recoverable	3.8	J	E		5.0	µg/L	GE	EPA6010A
0	Actinium-228	8.0E-09±7.0E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-2.5E-11±2.3E-11	UI			2.4E-10	µCi/mL	GP	EPIAIO11
0	Antimony-124	1.9E-10±2.1E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.5E-09±6.0E-09	UI			8.6E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.3E-09±2.4E-09	UI			4.02-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-4.2E-09±1.3E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.3E-10±2.0E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.0E-09±1.7E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.9E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.8E-10±2.0E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.8E-10±1.9E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.9E-11±7.4E-11	UI			2.2E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	7. OE.11*1.2E-10	UIJ	c		2.5E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	o 0E+00	UI			1.0E-10	µCi/mL	GP	EPIA-011
0	Europium-152	6.6E-10±5.4E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.2E-09±5.4E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3. 9E-09±7.3E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	5.6E-10±6 1E-10	UI			9.7E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	7.2E-10±8.0E-10	UI			1.6E-09	µCi/mL	(3P	EPIA-006
o	Lead-212	6.2E-09±5.6E-09				5.7E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.2E-09±2.0E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	9.6E-11*1.8E-1O	UI			3 SE-1o	µCi/mL	GP	EPIA-012
0	Neptunium-239	-7.1E-09±1.2E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	5.4E-08±3.0E-09				1.6E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	3.7E-10±1.6E-10	UI	v		1.7E-10	µCi/mL	GP	EPIA-012
0	Ptutontum-23W240	1.6E-10±9.8E-11	UI	v		9.8E-11	µCi/mL	(3P	EPIA-012
0	Potassium-40	8.8E-11±2.5E-08	UI			3.9E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-8.oE-1oA1.8E-o2	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	8.5E-10±2.5E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1.0E-10±2 0E-10	UI			1.6E-10	µCi/mL	GP	EPIA-O1O
1	Ruthenium-106	1.5E-08±1.9E-08	UI			3.3E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.4E-09±2 0E-09	Ut			4.1E-09	µCi/mL	GP	EPIA-013
2	Strontium-90	2.5E-08±2.5E-09				7.0E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	5.6E-09±7.2E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.7E-IOA2.2E-1O	UI	v		3.2E.1O	µCi/mL	GP	EPIA-012
0	Thorium-230	S.4E.1OW.1E-10	UI	v		5.6E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.9E-13±4.6E-11	UI			1.4E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	1.3E-07±11E-07	UI			1.8E-07	µCi/mL	GP	EPIA-013
0	Tin-113	2.6E-09±2 8E-09	UI			5.1E-09	µCi/mL	GP	EPIA-013
2	Tritium	2.5E-05±1 OE 06				6.5E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.9E-10±1 1E-10	UI	v		7.1E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	3.7E-11±3.7E-11	UI			28E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.6E-10±7 8E-11				2. BE-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.3E-09±2 4E-09	UI			49E-oS	µCi/mL	GP	EPIA-013
0	Zinc-65	3.8E-09±2 9E-09	UI			6.6E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	32E-*3 3E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013

Well HSL 30 collected on 12/26/35 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	44	J	EV		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Silica, total recoverable	7,370		V		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0		I		2.0	µg/L	GE	EPA6010A
0	Sodium, total recoverable	3,660				100	µg/L	GE	EPMO1OA
0	Sulfate	261	J	El		1,000	µg/L	GE	EPA300.0
0	1, 1,2,2-Tetrachloroethane	<0.050	J	o	L	0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050	J	a	L	0.050	µg/L	GE	EPM260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	0.020	J	EQ	L	0.50	µg/L	GE	EPA6260
0	Total dissolved solids	<15.m		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	1,140				1,000	µg/L	GE	EPA415.1
0	Total organic halogens	7.7	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<110		V		50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1: 1,2-Trichloroethane	<0.050	J	Q	L	0.060	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPM260
0	Trichlorofluoromethane	<0.50	J	Q	L	0.50	µg/L	GE	EPM260
0	Vanadium, total recoverable	0.60	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	9.6				5.0	µg/L	GE	EPMO1OA
0	Actinium-228	6.5E-09±8.2E-09	UI			1.2E-06	µCi/mL	GP	EPIA-013
0	Americium-241	4.2E-11*4.2E-1 1	UI			1.1E-10	µCi/mL	GP	EPtA-011
0	Antimony-124	7.9E-10±2.1E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.6E-09±4.3E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-8.8E-10±2.6E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	9.2E-10±1.1E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.6E-09±1.6E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.3E-09±2.3E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.1E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	7.7E-10±2.3E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-7.1 E-1 0±1.7E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.7E-11±1.9E-11	UI			9.7E.11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2. OE-11*5.3E-1 1	UJ	c		1.2E- 10	µCi/mL	GP	EPtA-011
0	Curium-245/246	0.0E+00	UI			3.1E-11	µCi/mL	GP	EPiA-011
0	Europium-152	1. 1E-09±4.9E-09	UI			6.6E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-6.6E-1OABE-OS	UI			7.6E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.3E-10±6.0E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.4E-09±6.7E-10				7.9E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.3E-10±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	8.6E-10±4.5E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	2.0E-09±1.9E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	6.5E-11±1.3E-10	UI			3.4E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	7.3E-10±1.0E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	113Elotk8:2Ej 10	UI			1.6E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.6E-10±1.1E-10	UI	v		1.5E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	4.7E.11~5.4E-I 1	UI	v		4.7E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	4.7E-09±2.3E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-4.4E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.7E-10±2.2E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	3.OE-1M.OE-1O				1.4E.1O	µCi/mL	GP	EPIA-o1o
0	Ruthenium-106	1.7E-09±1.5E-08	UI			2.7E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.3E-10±1.6E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.7E-09±8.9E-10	UI	v		1.1E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.8E-09±6.3E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
o	Thorium-226	6.0E-10±2.6E- 10	UI	V		2.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	4.3E-10±2.1E-10	UI	V		1.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.3E-11±3.2E-11	UI			1.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	5.6E-08±1.2E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	3.4E.1OAME-O9	UI			4.4E-09	µCi/mL	GP	EPIA-013
2	Tritium	1.3E-04±2.3E-06				6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.4 E-1 OM.7E-11	UI	v		9.6E-11	µCi/mL	GP	EPtA-011
0	Uranium-235	1.7E-11±4.4E-11	UI			9.8E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.0E-10±9.6E- 11				3.4E-11	µCi/mL	GP	EPtA-011
0	Yttrium-88	-4.3E-1O*.6E-O2	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.3E-09±3.5E-09	UI			68E46	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.8E- 1O*3.6E-O9	UI			6.6E-09	µCi/mL	GP	EPIA-013

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/95
Depth to water: 11.56 ft (3.52 m) below TOC
Water elevation: 261.64 ft (79.75 m) msl
pH: 5.5
Sp. conductance: 64 µS/cm .
Turbidity: 1 NTU
Water evacuated from the well prior to ● npting: 10@

Time: 1019
Water temperature: 2 1 .5°C
Air temperalwe:21.1 ● C
Alkalinity: 10 mg/L
Phenolphthalein alkalinity: O mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5.6	J	a	L	0.010	pH	GE	EPA150.1
0	Specilk conductance	84				0.30	µS/cm	GE	EPA120.1
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPM260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA6260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPM260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA6260
0	Chloroform	<2.0				2.0	µg/L	GE	EPM260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	<40				4.0	µg/L	GE	EPA601oA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPM260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	6.6				5.0	µg/L	GE	EPAQo1oA
0	Mercury, total recoverable	<0.052		v		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601oA
0	Nitrate-nitrite ● nitrogen	620		v		so	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Sulfate	10,700				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA6260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPM260
0	Trichlorofluoromethane	4.0				2.0	µg/L	GE	EPA8260
0	Gross alpha	1.6E-09±8 4E-10				7.5E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.2E-08±3.6E-09				1.7E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	3.OE-1OM.OE-1O				2.3E-10	µCi/mL	GP	EPIA-01O
2	Tritium	2.7E-05±2.1E-08				1.6E-08	µCi/mL	GP	EPIA-002

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95
Depth to water: 11.66 lt (356 m) below TOC
Waler elevation: 261.52ft(79.71 m) msl
pH: 5.8 .
Sp. conductance: 88 µS/cm
Turbidity 2 NTU
Water evacuated from the well prior to sampling: 30 gai

Time: 13:03
Water temperature: 27°C
Air temperature: 14.6°C
Alkalinity:19 mg/L
Phenolphthalein alkalinity: O mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.7	J	a	L	0010	pH	GE	EPA1501
O	Specific conductance	90				030	µS/cm	GE	EPA120 1
O	Alkalinity (as CaCO3)	20				1,000	mg/L	GE	EPA31O. 1
O	Aluminum, total recoverable	<43		v		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350. 1
0	Antimony, total recoverable	<5 0				5 0	µg/L	GE	EPA601oA
O	Arsenic, total recoverable	25	J	E		50	µg/L	GE	EPA601OA

Wdt HSL 20 collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Neptunium-239	-9.5E-1o*1 .2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.0E-09±8.3E-10	UI			1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.9E-1M1.4E-1O	UI	V		1.5E.1o	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.3E-10±8.7E-11	UI	V		7.4E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	2.1 E-08±2.2E-08	UI			4.5E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.SE-104OE4S	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	6.2E-11±2.3E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	I.OE-1W.OE-1O	UI			1.5E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	3.4E-09±1.6E-08	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.6E-10±1.9E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	7.0E-10±6.5E- 10	UI	v		1.1E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-3.5E-09±5.4E-09	UI			1.4E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.WS1M.1E-10	UI	v		2.SE-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.2E-1*1.3E.1O	UI	V		1.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.0E+00	in			S.3E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	3.2E-08±9.8E-08	UI			1.7E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1.8E-09±2.7E-09	UI			4.9E-09	µCi/mL	GP	EPIA-013
2	Tritium	8.3E-05±1.8E-06				6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	S8E-11*7.3E-1 1	UI	v		8.5E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	3.4E-11±4.9E-11	UI			8.6E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	6.7E-12±3.0E-11	UI			8.5E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	1. 1E-09±2.3E-09	UI			4.9E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.8E-09±3.5E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	3.2E-09±4.0E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/95
Depth to water: 18.44 ft (562 m) below TOC
Water elevation: 249.16ft(75.94 m) **msl**
pH: 5
Sp: conductance: 27 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 1033
Water temperature: 21.5°C
Air temperature: 21.7°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.8	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	23				0.30	µS/cm	GE	EPA120.1
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPAS2S0
0	Cadmium, total recoverable	0.39	J	E		2.0	µg/L	GE	EPASO1OA
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<lo				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	7.7				4.0	µg/L	GE	EPASO1OA
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	4.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPM2S0
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPM2S0
0	Dichloromethane	1.2	J	E		2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
o	cis-1 ,3-Dichropropene	4.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPM2S0
0	Lead, total recoverable	6.8				5.0	µg/L	GE	EPMO1OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.049		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	6.3	J	E		10	µg/L	GE	EPA6010A
0	Nitrate-nitrite e s nitrogen	260		V		50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Sulfate	23s	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<20				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260

Well HSL 30 collected on 10/17./25 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				20	µg/L	GE	EPA8260
0	Gross alpha	95E-IWS 2E-10				48E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1.2E-09±8 9E-10	UI			1 .3E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	4 0E-10±3 OE-10				2.3E1O	µCi/mL	GP	EPIA-010
2	Tritium	3.2E-05±2.5E-06				1.8E-06	µCi/mL	GP	EPIA-002

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: **12/28/95**
Depth to water: 18.7 **ft(5.7 m) below TOC**
Water elevation: 24S.9ft(75.8 m) **msl**
pH: 4.4
Sp. conductance: 22 µS/cm
Turbidity: 8 NTU
Water evacuated from the **well prior to** ● nqlung: 11 **gal**

Time: 8:05
Water temperature: 20°C
Air temperature: -5.1°C
Alkalinity: 0 mg/L
Phenolphthalein **alkalinity: 0 mg/L**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.4	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specific conductance	34				0.30	µS/cm	GE	EPA1201
0	Alkalinity (as CaCO3)	<1.0				1,000	mg/L	GE	EPA31O. 1
2	Aluminum, total recoverable	2s1		v		20	µg/L	GE	EPMO1OA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Arsenic, total recoverable	<2.6		V		5.0	µg/L	GE	EPMO1OA
0	Barium, total recoverable	6.9		V		3.0	µg/L	GE	EPMO1OA
0	Benzene	<0.50	J	Q	L	0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.11		V		3.0	µg/L	GE	EPASO1OA
0	Boron, total recoverable	31	J	E		50	µg/L	GE	EPMO1OA
0	Bromodichloromethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Bromoform	4.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.50	J	QV	L	0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPMO1OA
0	Calcium, total recoverable	83				20	µg/L	GE	EPASO1OA
0	Carbon tetrachloride	<0.050	J	Q	L	0.050	µg/L	GE	EPM2S0
0	Chloride	3,400		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Chloroethane	<0. 10	J	Q	L	0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	4.10	J	Q	L	0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0	J	Q	L	1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Chloromethane	4.10	J	Q	L	0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.1	J	E		4.0	µg/L	GE	EPMO1OA
0	cobalt. total recoverable	0.55	J	E		4.0	µg/L	GE	EPASO1OA
0	Copper, total recoverable	1.1	J	E		4.0	µg/L	GE	EPMO1OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	4.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50	J	Q	L	0.50	µg/L	GE	EPM2S0
0	1,2-Dichloropropane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Irons-I ,3-Dichloropropene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	345				18	µg/L	GE	EPMO1OA
0	Lead, total recoverable	1.3	J	E		5.0	µg/L	GE	EPMO1OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPMO1OA
0	Magnesium, total recoverable	308				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	14		v		2.0	µg/L	GE	EPASO1OA
0	Mercury, total recoverable	0.089	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<lo				10	µg/L	GE	EPASO1OA
0	Nitrate e s nitrogen	1,330				100	µg/L	GE	EPA300 O
0	Nitmte-nitrite as nitrogen	1,420		v		50	µg/L	GE	EPA3531
0	Nitrite as nitrogen	<5 0				50	µg/L	GE	EPA300.0
0	PCB 1018	<0 12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<012				012	µg/L	GE	EPA8080
0	PCB 1232	<012				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0 12				0.12	µg/L	GE	EPA8080
0	PCB 1248	<012				0.12	µg/L	GE	EPA8080
0	PCB 1254	<0 12				0.12	µg/L	GE	EPA8080

Watt HSL 20 collected on 10/12/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPAB260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA6260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chromium, total recoverable	0.85	J	E		4.0	µg/L	GE	EPA6010A
0	Dibromochloromethane	<2.0				2.0	µg/L	GE	EPAB260
0	1,1-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.056		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.2	J	E		10	µg/L	GE	EPA6010A
0	Nitrate-nitrite as N nitrogen	920		Iv		50	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<1.6		V		5.0	µg/L	GE	EPA6010A
0	Sulfate	3,140				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260
1	Gross alpha	6.2E-09±1.5E-09				6.2E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.3E-09±1.2E-09				1.4E-os	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	6.OE-1W3.K-1O				2.2E-10	µCi/mL	GP	EPIA-010
2	Tritium	8.3E-05±5.9E-06				2.9E-06	µCi/mL	GP	EPIA-002

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95
Depth to water: 25 ft (7.2 m) below TOC
Water elevation: 240.5ft (73.31 m) msl
pH: 5.2
Sp. conductance: 46 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 S gel

Time: 14:38
Water temperature: 29°C
Air temperature: 12°C
Alkalinity: 6 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.3	J	Q	L	0 010	pH	GE	EPA150.1
0	Specific conductance	46				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	6.1				1,000	mg/L	GE	EPA31o.1
0	Aluminum, total recoverable	<72		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	4.0		V		3.0	µg/L	GE	EPA6010A
0	Benzene	<0.50	J	Q	L	0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.023		V		3.0	µg/L	GE	EPA6010A
0	Boron, total recoverable	<50				50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050	J	o	L	0.050	µg/L	GE	EPA6260
0	Bromomethane	<049	J	QV	L	0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Calcium, total recoverable	327				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050	J	Q	L	0.050	µg/L	GE	EPA6260
0	Chloride	4,150		V		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0 050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10	J	Q	L	010	µg/L	GE	EPA6260
0	Chloroethene (Vinyl chloride)	<0.10	J	Q	L	0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0	J	o	L	1.0	µg/L	GE	EPA6260
0	Chloroform	0.13	J	0	L	0.050	µg/L	GE	EPA6260

Walt HSL 20 collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Chloromethane	<0.10	J	Q	L	0.10	µg/L	GE	EPA8260
0	chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	3.2	J	E		4.0	µg/L	GE	EPA6010A
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.66	J	Q	L	0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	4.050	J	Q	L	0.0s0	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	27				18	µg/L	GE	EPA601oA
0	Load, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	292				20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	6.5				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	0.095	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate as s nitrogen	904				50	µg/L	GE	EPA300.0
0	Nitrate-nitrite as S nitrogen	1,020		v		50	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	4.13				0.13	µg/L	GE	EPA8080
0	PCs 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA6060
0	PCS 1240	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	4.13				0.13	µg/L	GE	EPA6060
1	Phenols	44				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	54	J	E		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	6.320		Iv		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA60ItOA
0	Sodium, total recoverable	7,580		v		100	µg/L	GE	EPA601oA
0	Sulfate	2,810		I		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050	J	o	L	0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050	J	0	L	0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA .
0	Toluene	0.14	J	EQ	L	0.50	µg/L	GE	EPA6260
0	Total dissolved solids	<26,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	1,010				1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<50				50	µg/L	GE	EPA365.4
0	Total phosphates (as P)	<50				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<o 050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<00s0	J	Q	L	0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.60	J	Q	L	0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	<lo				10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	3.1	J	E		5.0	µg/L	GE	EPA6010A
0	Actinium-228	4.7E-09±8.3E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-8.OE-114 OE-11	UI			4.5E-10	µCi/mL	GP	EPIA1011
0	Antimony- 124	-9.SE-104! 3E 09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.2E-09±4 9E-09	UI			83E-06	µCi/mL	GP	EPIA-013
0	Barium-133	1.2E-09±2.4E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	- 1.9E-09±1 3E-06	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Cesium- 134	-4.oE.1oA2.1E-09	UI			3.2E-06	µCi/mL	GP	EPIA-013
0	Cesium-137	2.3E-09±2.2E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-7.8E-10±1.7E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-7.7E-10±2.2E-09	UI			39E-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	54E- 10±18E-09	UI			36E 09	µCi/mL	GP	EPIA-013
0	Curium-242	2.3E-11±1.1E-10	UI			35E- 10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.5 E-1 I*1.5E-10	UIJ	c		S. IE-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	O 0E+00	UI			1.5E-10	µCi/mL	GP	EPIA-011
0	Europium-152	7.5E-09±5.4E-09	UI			1.OE-06	µCi/mL	GP	EPIA 013
0	Europium-154	-7.2E-10±5.2E-09	UI			96E-06	µCi/mL	GP	EPIA-013
0	Europium-155	7.1E-10±7.0E-09	UI			1 3E-06	µCi/mL	GP	EPIA-013
0	Gross alpha	1 3E-0%65E1o				62E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	6.2E-09±2 0E-09				1.6E-09	µCi/mL	GP	EPIA 006
0	Lead-212	38E-W3.3E 06	UI			6 1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	54E-IM1 8E-09	UI			30E@9	µCi/mL	GP	EPIA-013
0	Neptunium-237	1.5 E.11*1.1E-10	UI			3. 7E-10	µCi/mL	GP	EPIA-012

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 10/05/95
Depth to water: 7.01 ft (2.14 m) below TOC
Water elevation: 206.59 ft (62.97 m) msl
pH: 5
Sp. conductance: 2 4 µS/cm "
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 15:28
Waler temperature: 22.9°C
Air temperature: 28°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.2	J	Q	L	0.010	pH	GE	EPA150.1
0	Specilk conductance	25				0.30	µS/cm	GE	EPA120.1
O	Mercury, total recoverable	0.19	J	EIV		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite e s nitrogen	1,350				100	µg/L	GE	EPA353.1
0	Gross alpha	1.1E-09±6.2E- 10				6.8E-1	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.8E-09±9 2E- 10				1.8E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.0E-04±7.2E-06				2.6E-06	µCi/mL	GP	EPIA-002

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/95
Depth to water: 1528 ft (466 m) below TOC
Water elevation: 196.S2ft(60.6 m) msl
pH:4.7
Sp. conductance: 117 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 55 gal

Time: 14:40
Water temperature: 18°C
Air temperature: 28.8°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.0	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	5.0	J	Q	L	0.010	pH	GE	EPA150.1
o	Specific conductance	114				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.10	J	EIV		020	µg/L	GE	EPA7470
2	Nitrate-nitrite as nitrogen	11,500		v		500	µg/L	GE	EPA353.1
0	Gross ● @ha	6.OE-1M5.4E-1O	UI			82E-10	µCi/mL	GP	EPIA-001
o	Nonvolatile beta	2.1E-08±2.0E-09				1.5E-09	µCi/mL	GP	EPIA-001
O	Total ● ctMy	1.3E-03±2.8E-05				1.5E-06	µCi/mL	EM	301-6-1420
2	Tritium	1.3E-03±8.2E-05				1.1E-05	µCi/mL	GP	EPIA-002

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/95
Depth to water: Not available
Water elevation: Not available
pH: 5.2
Sp. conductance: 48 µS/cm
Turbidity: 135 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 16:21
Water temperature: 23°C
Air temperature: 28.8°C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.3	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	5.3	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	49				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.10	J	Iv		020	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	2,560				200	µg/L	GE	EPA353.1
0	Gross ● @ha	3.9E-09±5.8E-10				4.2E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.3E-0%61E-10				7.8E-10	µCi/mL	GP	EPIA-001
2	Tritium	2.8E-04±1.9E-05				4.6E-06	µCi/mL	GP	EPIA-002

WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/95
Depth to water: 29.67 ft (9.04 m) below TOC
Water elevation: 234.33 ft (71.42 m) msl
pH:4.4
Sp. conductance: 69 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 14 gal

Time: 11:46
~~erle~ature:212*C
Air temperature: 22.6°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: o mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	4.7	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	66				0.30	µS/cm	GE	EPA120.1
0	Benzene	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA6260
0	Bromoform	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	carbon tetrachloride	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0	J	Q	L	2.0	µg/L	GE	EPA6260
0	Chloroethane	<2.0	J	Q	L	2.0	µg/L	GE	EPM260
0	Chloroethene (Vinyl chloride)	<2.0	J	Q	L	2.0	µg/L	GE	EPM260
0	2-Chloroethyl vinyl ether	<10	J	Q	L	10	µg/L	GE	EPM260
0	Chloroform	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0	J	Q	L	2.0	µg/L	GE	EPM260
0	Chromium, total recoverable	1.s	J	E		4.0	µg/L	GE	EPA601OA
0	Dibromochloromethane	<2.0	J	Q	L	2.0	µg/L	GE	EPM260
0	1,1-Dichloroethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0	J	Q	L	20	µg/L	GE	EPM260
0	trans-1,2-Dichloroethylene	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Dichloromethane	<1.2	J	QV	L	2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	cis-1.3-Dichloropropene	<2.0	J	Q	L	2.0	µg/L	GE	EPM260
0	trans-1.3-Dichloropropene	<2.0	J	Q	L	2.0	µg/L	GE	EPA6260
0	Ethylbenzene	<2.0	J	Q	L	2.0	µg/L	GE	EPM260
1	Lead, total recoverable	38				5.0	µg/L	GE	EPA601OA
0	Lead, total recoverable	18				5.0	µg/L	GE	EPA601OA
0	Lead, total recoverable	16				5.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	0.15	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.9	J	E		10	µg/L	GE	EPA601OA
0	Nitrate-nitrite as nitrogen	4,240		IV		200	µg/L	GE	EPA353.1
0	Selenium, total recoverable	<2.5		V		5.0	µg/L	GE	EPA6010A
0	Sulfate	2,130				1,000	µg/L	GE	EPA300.0
0	1.1.2.2-Tetrachloroethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0	J	Q	L	2.0	µg/L	GE	EPA6260
0	Toluene	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0	J	Q	L	2.0	µg/L	GE	EPM260
0	Trichlorofluoromethane	<2.0	J	Q	L	2.0	µg/L	GE	EPA8260
0	Gross alpha	5.4E-09±1.3E-09		I		9.2E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.6E-08±1 7E-09				1.5E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	2.2E-09±5.0E-10				1.8E-10	µCi/mL	GP	EPIA-010
0	Total activity	2.2E-04±2 4E-08				1.5E-06	µCi/mL	EM	3Q1-6-1420
2	Tritium	2.3E-04±1 6E-05				4.4E-06	µCi/mL	GP	EPIA-002

WELL HSL 20

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: 10/12/95
Depth to water: 24.64 ft (7.51 m) below TOC
Water elevation: 240.66 ft (73.42m) msl
pH: 5
Sp. conductance: 46 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 12 gal

Time: 11:13
Water temperature: 20°C
Air temperature: 23.7°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.2	J	Q	L	0010	pH	GE	EPA1501
0	Specific conductance	47				030	µS/cm	G E	EPA120.1
0	Benzene	<2.0				20	µg/L	GE	EPA8260
O	Bromodichloromethane	<2.0				20	µg/L	GE	EPA8260

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/95
Depth to water: 20.68 ft (6.3 m) below TOC
Water elevation: 220.02 ft (67.06 m) msl
pH: 4.6
Sp. conductance: 17 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 8:08
Water temperature: 17.5*C
Air temperature: 14.1 'c
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.5	J	Q	L	0.010	pH	GE	EPA150.1
o	Specifk conductance	19				0.30	µS/cm	GE	EPA120. 1
0	Specifk conductance	19				0.30	µS/cm	G E	EPA120.1
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite ● S nitrogen	630				50	µg/L	GE	EPA353.1
o	Gross ● @ha	7.oE-104. 1E-10	UI			7.3E-10	µCi/mL	G P	EPIA-001
0	Nonvolatile beta	6.3E- 10±7.2E-10	UI			1.6E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.5E-05±1.1E-06				8.7E-07	µCi/mL	G P	EPIA-002

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/95
Depth to water: 25.32 ft (7.72 m) below TOC
Water elevation: 230.28 ft (70.19 m) msl
pH: 5.5
Sp. conductance: 30 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 94 gal

Time: 1064
Water temperature: 19.2*C
Air temperature: 21.3*C
Alkalinity: 7 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.9	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specifk conductance	35				0.30	µS/cm	GE	EPA120.1
o	Mercury, total recoverable	0.050	J	E		0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite ● nitrogen	50	J	EV		50	µg/L	GE	EPA353.1
0	Gross alpha	9.8E-10±4.1E-10				4.3E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.SE-O2A1E-1O				1.0E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.2E-07±3.1E-07	UI			5.3E-07	µCi/mL	GP	EPIA-002

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/05
Depth to water: 20.86 ft (6.36 m) below TOC
Waterelevation:234444ft(71.46m)msl
pH: 5.1
Sp. conductance: 64 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior 10 sampling: 50 gal

Time: 10:40
Water temperature: 19.4*C
Air temperature: 20.5*C
Alkalinity: 5 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.7	J	Q	L	0.010	pH	GE	EPA150.1
0	Specif ic conductance	65				0.30	µS/cm	GE	EPA120. 1
0	Mercury, total recoverable	0.082	J	E		0.20	µg/L	GE	EPA7470
0	Nitrate-nhrite as nitrogen	390		V		50	µg/L	G E	EPA353.1
0	Gross alpha	2.8E-1W3.2E-1O	UI			6.2E-10	µCi/mL	G P	EPIA-001
0	Nonvolatile beta	1.1 E-W5.3E-1O				9.SE-10	µCi/mL	GP	EPIA-001
2	Tritium	2.0E-05±1.6E-06				1.2E-06	µCi/mL	G P	EPIA-002

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/95
Depth to water: 18.13 ft (5.53 m) below TOC
Water elevation: 220.27 ft (67.14 m) msl
pH: 5.1
Sp. conductance: 33 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 111 gal

1 - 1 0 1 3
Water temperature: 19.2*C
Air temperature: 19.6*C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.8	J	Q	L	0.010	pH	GE	EPA150. 1,
0	Specific oonduct-	39				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	0.065	J	E		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite ● nitrogen	1,200		V		500	µg/L	GE	EPA353.1
o	Gross ● la	3.1E-10±4.1E-10	UIJ	c		7.2E.1O	µCi/mL	G P	EPIA-001
o	Nonvolatile beta	1 8E-09±9.3E- 10				1.8E-09	µCi/mL	GP	EPIA-001
2	Tritium	28E454.IE-06				1.4E-08	µCi/mL	GP	EPIA-002

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 10/16/95
Depth to water: 17.37 ft (5.29 m) below TOC
Water elevation: 220.73 ft (67.28 m) msl
pH: 4.1
Sp. conductance: 164 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 35 gal

Time: 9:25
Water temperature. 19.9*C
Air temperature: 11.1*C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.3	J	Q	L	0.010	pH	GE	EPA150.1
o	pH	4.3	J	Q	L	0.010	pH	GE	EPA150.1
o	Specifk conductance	162				0.30	µS/cm	GE	EPA120.1
o	Mercury, total recoverable	0.81				0.20	µg/L	GE	EPA7470
2	Nitrate-nitrite ● s nitrogen	16,200		v		500	µg/L	GE	EPA353.1
0	Gross alpha	-2.1E-08±3.1E-09	UIJ	c		7.4E-10	µCi/mL	GP	EPIA-001
o	Gross alpha	-1.2E-09±2.9E-09	UI			8.OE-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.5E-06±1.6E-08				1.6E-09	µCi/mL	GP	EPIA-001
0	Total activity	1.2E-03±5.3E-06				1.5E-06	µCi/mL	EM	301-6-142(
2	Tritium	1. 1E-03±7.7E-05				1.1E-05	µCi/mL	GP	EPIA-002

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/95
Depth to water: 25.46 ft (7.76 m) below TOC
Water elevation: 206.54 ft (62.95 m) msl
pH: 7.6
Sp. conductance: 1 0 3 µS/cm
Turbidity: 13 NTU
Water evacuated from the wall prior to sampling: 257 gal

Time: 14:08
Water temperature: 19.7*C
Air temperature: 3 1 .3*C
Alkalinity: 87 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	7.9	J	o	L	0.010	pH	GE	EPA150. 1
0	Specifk conductance	196				0.30	µS/cm	G E	EPA120. 1
0	Mercury, total recoverable	0.24				0.20	µg/L	GE	EPA7470
0	Nttrata-nitrite as nitrogen	660		v		50	µg/L	GE	EPA353. 1
0	Nitrate-nitrite as nitrogen	640		V		50	µg/L	G E	EPA353.1
0	Gross alpha	1.4 E-O%7.3E-1O	J	C		7.0E-10	µCi/mL	G P	EPIA-001
0	Gross alpha	1. 1E-09±7.0E-10	J	c		97E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.7E-02*94E- 10				1.6E-09	µCi/mL	G P	EPIA-001
0	Nonvolatile beta	26E-CW9 8E- 10				1.7E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.4E-05*46E-06 .				2. 1E-08	µCi/mL	G P	EPIA-002

Well HSB 83D collected on 12/28/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Antimony, total recoverable	<1.5		V		5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	26	J	I	P	3.0	µg/L	GE	EPA601oA
0	Barium, total recoverable	25	J	E		25	µg/L	GE	EPA6010A
0	Barium, total recoverable	25	J	I	P	3.0	µg/L	GE	EPA601oA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.84	J	EV		3.0	µg/L	GE	EPASO1OA
0	Beryllium, total recoverable	<0.13		V		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	18	J	E		50	µg/L	GE	EPA501OA
0	Boron, total recoverable	25	J	E		50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPAS260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.83	J	E		2.0	µg/L	GE	EPA601OA
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	3,160				20	µg/L	GE	EPA601OA
0	Calcium, total recoverable	3,080				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,120				260	µg/L	GE	EPA300.0
0	Chloride	2,160				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	4.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl Vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	0.89	J	E		4.0	µg/L	GE	EPA601OA
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	0.62	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	0.36	J	E		4.0	µg/L	GE	EPASO1OA
0	Copper, total recoverable	24				4.0	µg/L	GE	EPA501OA
0	Copper, total recoverable	23				4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	4.050				0 050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.060	µg/L	GE	EPA8260
0	Dichloromethane	1.0				0.60	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichoropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	40	J	E		100	µg/L	GE	EPA300.0
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	45				18	µg/L	GE	EPA501OA
0	Iron, total recoverable	65				18	µg/L	GE	EPA6010A
0	Lead, total recoverable	1.1	J	E		5.0	µg/L	GE	EPA601OA
0	Lead, total recoverable	<100				100	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	1,600				20	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	1,550				20	µg/L	GE	EPA601OA
1	Manganese, total recoverable	33				2.0	µg/L	GE	EPA601OA
1	Manganese, total recoverable	30				1 0	µg/L	GE	EPA601OA
1	Manganese, total recoverable	32				2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	0.27				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<lo				10	µg/L	GE	EPA601OA
1	Nitrate as nitrogen	5,370	J	Q	L	200	µg/L	GE	EPA300.0
1	Nitrate as nitrogen	5,440	J	Q	L	200	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	4,7(XI		V		500	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13	J	Q	L	0.13	µg/L	GE	EPA6060
0	PCB 1221	<0.13	J	Q	L	0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13	J	Q	L	0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13	J	Q	L	0.13	µg/L	GE	EPA6060
0	PCB 1248	<0.13	J	Q	L	0.13	µg/L	GE	EPA6050
0	PCB 1254	<0.13	J	Q	L	0.13	µg/L	GE	EPA6060
0	PCB 1260	<0.13	J	Q	L	0.13	µg/L	GE	EPA6060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	712				500	µg/L	GE	EPA601OA
0	Potassium, total recoverable	695				500	µg/L	GE	EPA601OA

Well HSB 83D collected on 12/26/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	solarium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Silica, total recoverable	6.070		V		100	µg/L	GE	EPA6010A
0	Silica, total recoverable	5,870		V		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Silver, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	4,670		V		100	µg/L	GE	EPA601OA
0	SotSum, totat recoverable	4,530		V		100	µg/L	GE	EPAIXI1OA
0	Sulfate	1,050				1,000	µg/L	GE	EPA300.0
0	Sulfate	1,040				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
2	Thallium, total recoverable	2.4	J	E		5.0	µg/L	GE	EPA601OA
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	0.13	J	E		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	<45,000		V		5,000	µg/L	GE	EPA1 60.1
0	Total organic carbon	<1,400		V		1,000	µg/L	GE	EPA415.1
0	Tdd organic carbon	<1,270		V		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<lo				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	70				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050.	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	0.10				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, Idol recoverable	0.78	J	E		10	µg/L	GE	EPA601oA
0	Vanadium, total recoverable	<10				10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	13				5.0	µg/L	GE	EPA601oA
0	Zinc, total recoverable	13				5.0	µg/L	GE	EPA601oA
0	Actinium-228	-1.3E-09±4 3E-09	UI			7.6E-09	µCi/mL	GP	EPIA-013
0	Americium-241	.3.2E.114.9E-1 1	UI			1.6E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	1.3E-09±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.6E-10±2.9E-09	UI			5.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1.0E-09±1.5E-09	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-4.6E-09±8.8E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.1E-09±1.1E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.6E-1OO1,2E-O6	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.9E-11±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-4.02- 10±1.3E-09	UI			23E-06	µCi/mL	GP	EPIA-013
0	cobalt-so	5.1E-10±1.1E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.3E-11±3.7E-11	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.6E-10±1.2E-10	UI	V		1 6E-10	µCi/mL	GP	EPtA-011
0	Curium-245/246	-9.6E-12±1.4E-11	UI			9.OE-11	µCi/mL	GP	EPIA-011
0	Europium-152	1.4E-09±3.0E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.8E-09±3.5E-09	UI			7. 1E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-8.9E-104.6E-O6	UI			8.6E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.6E-ow7.oE-1o				8.6E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	9 0E-10±1.5E-09	UI			2.4E-09	µCi/mL	GP	EPIA-008
0	Lead-212	0.0E+00	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	4.3E-10±1.2E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	0.0E+00	UI			2.7E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-2.3E-09±8.6E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.1E-08±1.9E-09				1.4E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	8.5E-11±6.0E-11	UI	V		9.1E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.6E-10±5.1E-11	UI	V		1.2E-1 1	µCi/mL	GP	EPIA-012
0	Potassium-40	97E-lu2.4E416	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	8.4E-10±1.2E-09	UI			2. 1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.1E-11±1.4E-09	UI			25E-06	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	3.0E-10±5.0E-10	UI			4.5E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	1.1E-08±1.0E-08	UI			2 0E-08	µCi/mL	GP	EPIA-013
0	sodium-22	1.7E-09±1.3E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
2	Strontium-So	1. 1E-08±2 1E-09		V		1.1E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1 6E-09±5.6E 09	UI			1.3E-06	µCi/mL	GP	EPIA-005
0	Technetium-99	3 6E-10±6.6E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	1.8E-10±8.2E-11				1.1E.1O	µCi/mL	GP	EPIA-012
0	Thorium-230	5.1 E-1 W1.1E-1O	UI	V		4.5E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	2.1E-11±2 1E-11				1 sE-11	µCi/mL	GP	EPIA-012
0	Thorium-234	23E-06*7.5E-06	UI			1 0E-07	µCi/mL	GP	EPIA:O13
0	Tin-113	27E-I&I.7E-09	UI			27E-06	µCi/mL	GP	EPIA-013
0	Total ● wty	2.4E-04±2.5E-06				1.5E-06	µCi/mL	EM	301-6-1420
2	Tritium	2.4E-04±1.6E-05				43E.06	µCi/mL	GP	EPIA-002
0	Uranium-2331234	46E-11*7.3E 11	UI			1 2E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	0 0E+00	UI			77E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.2E-11±5 2E-11	UI			1 2E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.6E-11*1.4E 09	UI			26E-06	µCi/mL	GP	EPIA-013
0	Zinc-65	-3 6E-09±2 6E-09	UI			39E-02	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2 1E-1048E 09	UI			46E4J9	µCi/mL	GP	EPIA-013

Well HSB 83C collected on 12/27/25 (cull.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Carbon tetrachloride	<0.050	J	o	L	0.0s0	µg/L	GE	EPA8260
0	Chloride	2,460		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.0s0	J	Q	L	0.050	µg/L	GE	EPA6260
0	Chloroethane	<0.10	J	Q	L	0.10	µg/L	GE	EPA8260
0	Chloroethene (vinyl chloride)	<0.10	J	Q	L	0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0	J	Q	L	1.0	µg/L	GE	EPA8260
0	Chloroform	0.060	J	Q	L	0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10	J	Q	L	0.10	µg/L	GE	EPA6260
0	Chromium, total recoverable	2.3	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	8.9				4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	4.0s0	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050	J	o	L	0.0s0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA2260
0	trans-1,2-Dichloroethylene	<0.050	J	Q	L	0.0s0	µg/L	GE	EPA8260
0	Dichloromethane	1.2	J	Q	L	0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	4.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050	J	Q	L	0.0s0	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Fluoride	26	J	E		100	µg/L	GE	EPA300.0
0	Iron, total recoverable	30				18	µg/L	GE	EPASO10A
0	Lead, total recoverable	<s.0				5.0	µg/L	GE	EPASO10A
0	Lithium, total recoverable	<2s				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	42S				20	µg/L	GE	EPASO10A
0	Manganese, total recoverable	6.7				2.0	µg/L	GE	EPA8010A
0	Mercury, total recoverable	0.02s	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA8010A
0	Nitrate ● s nitrogen	81		I		10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	<70		V		50	µg/L	GE	EPA353.1
0	Nitrite ● $ nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1018	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA6060
0	PCB 1248	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1254	<0.12				0.12	µg/L	GE	EPA60S0
0	PCB 1260	4.12				0.12	µg/L	GE	EPA6060
0	Phenl0b	<s.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	2s4	J	E		500	µg/L	GE	EPASO10A
0	Wan/urn, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silks, total recoverable	12,100		Iv		100	µg/L	GE	EPA8010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	1,620		v		100	µg/L	GE	EPA601OA
0	Sulfate	540	J	EI		1,000	µg/L	GE	EPA300.0
0	1, 1,2,2-Tetrachloroethane	<0.0s0	J	Q	L	0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050	J	Q	L	0.050	µg/L	GE	EPA6260
2	Thallium, total recoverable	2.s	J	E		5.0	µg/L	GE	EPA601OA
0	Toluene	0.1s	J	EQ	L	0.50	µg/L	GE	EPA6260
0	Total dissolved solids	<24,000		V		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	311	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	80				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050	J	o	L	0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50	J	U	L	0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	8.s				so	µg/L	GE	EPA601oA
0	Actinium-228	4.OE.~14E-06	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3.8E-11*1.1E-1O	UI			3.OE-10	µCi/mL	GP	EPIA-011
0	Antimony-124	-1.3E-09±2.3E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	- 1.6E-09±4.9E-09	UI			67E-02	µCi/mL	GP	EPIA-013
0	Barium-133	-1.2E-10±2.4E-09	UI			4.02-03	µCi/mL	GP	EPIA-013
0	Cerium-144	7.2E-09±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.7E-09±1.7E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-9.1E-11±1.7E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.7E-10±1.7E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	cobalt-se	1.1E-09±2.0E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.3E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.2E-11±1.7E-11	UI			2.3E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.9E-1 1±1 .6E-10	UIJ	c		4.1E-10	µCi/mL	GP	EPIA.011
0	Curium-245/246	0.0E+00	UI			1.2E-10	µCi/mL	GP	EPIA-011
0	Europium- 1s2	-1.2E-09±5.3E-09	UI			8.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	9.6E-10±4.8E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013

Well HSB 83C collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Europium-155	-2.3E-09±7.1E-09	UI			1.22-02	µCi/mL	GP	EPIA-013
0	Gross Alpha	S.1E.11*3.3E-10	UI			8.0E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-1.1E-10±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	8.3E-11±5.8E-09	UI			6.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-7.7E- 10*16E-06	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-2.4E-11±2.4E-11	UI			3.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-3.0E-09±1.2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	4.3E-10±8 4E- 10	UI			1.9E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	7.7E-11±1.0E-10	UI	V		2.0E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.7E-1u1. oE-1o	UI	v		4.3E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	1.3E-08±2.1E-08	UI			3.9E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-3.7E-10±2.2E-09	In			3.4E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	6.9E- 1os2.1E-o2	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	-1. OE-1W.OE-1O	UI			1.5E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	7.4E-09±1.8E-08	in			3.32-06	µCi/mL	GP	EPIA-013
0	Sodium-22	3.4E-10±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.7E- 1OA4.2E- 10	UI	v		1.0E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-3.4E-09±5.6E-09	UI			1.4E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	S.OE-1W1.7E-1O	UI	V		1.4E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.2E-1M1.oE-1o	UI	v		8.0E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	0.0E+00	UI			3.1E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	8.8E-08±8.2E-08	UI			1. SE-07	µCi/mL	GP	EPIA-013
0	Tin-113	-6.0E-10±2.5E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Tritium	2.9E-07±4.1 E-o7	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.2E-1l:S.7E-11	UI	v		7.1E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.2E-11±1.6E-11	UI			8.7E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	3.4E-11:3.2E- 11	UI			3.4E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	9.2E-10±2.3E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.5E-11±3.3E-09	UI			5.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2. 9E-09±4.4E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/03/95 **Time: 10:55**
Depth to water: 13.2 ft (4.02 m) below TOC Waler temperature: **20.6°C**
Water elevation: 223.8 ft (68.22 m) msl **Air temperature: 25.2°C**
pH: 5 **Alkalinity: 0 mg/L**
Sp. conductance: 6s **µS/cm** **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 1 NTU
Water evacuated from the was prior **to** sampling: **64 gal**

ANALYSES

F	Analyte	Result	R	A	D	SOL	Unit	Lab	Method
o	pH	5.2	J	o	L	0010	pH	G E	EPA150 1
0	Specific conductance	105				0.30	µS/cm	G E	EPA120.1
1	Mercury, total recoverable	1.5		Iv		0.20	µg/L	GE	EPA7470
1	Nitrate-nitrite ● S nitrogen	5,150				500	µg/L	GE	EPA3s31
O	Gross ● lpha	1.7E-09±8.4E-10				76E-10	µCi/mL	G P	EPIA-001
o	Nonvolatile beta	2.3E-08±2.1E-09				1.7E-09	µCi/mL	G P	EPIA-001
O	Total ● ctivity	22E-04*3 3E-06				1.5E-08	µCi/mL	EM	301-6-1420
2	Tritium	22E414*l.SE-05				4 0E-06	µCi/mL	GP	EPIA-002

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/2s/95 **Time: 14:02**
Depth to water: 13.15 ft (4.01 m) below TOC **Water temperature: 22°C**
Water elevation: 223.85 ft (68.23 m) msl **Air temperature: 8.4°C**
pH: 4.8 **Alkalinity: 1 mg/L**
Sp. conductance: 76 **µS/cm** **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 2 NTU
Waler **evacuated from the well prior to sampling:** 60 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	S.4	J	Q	L	0010	pH	GE	EPA150 1
0	Specific conductance	S2				030	µS/cm	G E	EPA120.1
o	Alkalinity (as CaCO3)	3.6				1,000	mg/L	GE	EPA31O.4
0	Aluminum, total recoverable	<63		V		20	µg/L	GE	EPA601OA
2	Aluminum, total recoverable	70		v		20	µg/L	G E	EPA6010A
O	Ammonia nitrogen	<50				50	µg/L	GE	EPA350 1
0	Antimony, tots recoverable	<2.3		v		50	µg/L	GE	EPA60 10A

Well HSB 83B collected on 12/27/25 (conl.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	1, 1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1.3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	142				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPMO1OA
0	Lead, total recoverable	<s.0				5.0	µg/L	GE	EPA601OA
0	ithium, tota recover ble	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	517				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	0.26	J	E		2.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	0.026	J	E		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPAS01OA
0	Nitrate as nitrogen	31		I		10	µg/L	GE	EPA300.0
0	Nitrate-nitrite • s nitrogen	<40		V		50	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<50				50	µg/L	GE	EPA353.1
0	Nitrite • s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCs 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	4.12				0.12	µg/L	GE	EPA8080
0	PCB 1248	4.12				0.12	µg/L	GE	EPA8080
0	PCS 12S4	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	858				500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	24,800		Iv		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,050		V		100	µg/L	GE	EPA601OA
0	Sulfate "	1,060		I		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	0.060				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	<0.16		v		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	73,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	367	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA90208
0	Total phosphates (as P)	480				50	µg/L	GE	EPA365.4
0	1.1.1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1; 1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	4.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.40	I	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	9.3				5.0	µg/L	GE	EPA601OA
0	Actinium-228	6.2E-09±6.4E-09	JI			1.3E-08	µCi/mL	GP	EPIA-013
0	Americium-241	5. OE-11*1.0E-10	JI			2.3E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	2.4E-09±2.7E-09	JI			4.1E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-4.(JE. 10±5.2E-09	JI			9.0E-09	µCi/mL	GP	EPIA-013
0	Barium-133	2.2E-09±2.4E-09	JI			4.5E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-4.0E-09±1.3E-08	JI			2.3E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	o 0E+00	JI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	9.4E-1021 .8E-09	JI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.0E-11*1.6E-09	JI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.2E-09±2.1E-09	JI			3.7E-09	µCi/mL	GP	EPIA-013
0	cobalt-so	-7.2E-10±1.9E-09	JI			3.5E-09	µCi/mL	GP	EPIA-013
0	Curksn-242	2.1E-11±7.7E-11	JI			2.3E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.0E-11±7.6E-11	JIJ	c		2.9E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	O. 0E+00	JI			1.1E-10	µCi/mL	GP	EPfA-011
0	Europium-152	-2.9E-09±5.2E-09	JI			8.5E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3. 1E-09±4.6E-09	JI			9.6E-09	µCi/mL	GP	EPIA-013
0	Europium- 155	2.7E-09±6.7E-09	JI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-2.4E-10±1.8E-10	JI			8.7E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	4.8E-1OM.5E-1O	JI			1.2E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	4.6E-1M6.5E-1O	JI			1.4E-09	µCi/mL	GP	EPIA-006
0	Lead-212	8.2E-10±6.0E-09	JI			7.1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	.3.4E-10*1.9E-O9	JI			3.5E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	5.5E-11*1.1E-1O	JI			2.5E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	6.4E-09±1.2E-08	JI			2.2E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	6.7E-1OA2E-1O	JI			1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.3E-10±1.1E-10	JI	v		1.1E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1 4E-10*1.1E-1O	JI	v		6. 0E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	3.0E-08±2.1E-08	JI			4.7E-08	µCi/mL	GP	EPIA-013
0	Promethium- 144	1.9E-09± 1.9E-09	JI			37E-02	µCi/mL	GP	EPIA-013
0	Promethium- 146	-1.8E-09±2.4E-09	JI			3.8E-09	µCi/mL	GP	EPIA-013

Well HSB 83B collected on 12/27/25 (cent)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Radium, total alpha-emitting	-2.0E-10±1 OE-10	UI			1.5E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	39E-ml 6E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.1E-09±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-2.4E-10±9.3E- 11	UI			7.2E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	6.0E-10±4.9E-10	UI			7.8E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	- 1.2E-09±5.7E-09	UI			1.4E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	7.9E-11±8.1E-11	UI	V		1.2E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.3E-W1.2E-1O	UI	V		4.6E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	7.7E-12±3.5E- 11	UI			9.8E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	1.3E-07±1.0E-07	UI			1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1. 1E-09±2.7E-09	UI			4.6E-09	µCi/mL	GP	EPIA-013
0	Tritium	1. 8E-06±4.7E-07				6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.4E.11:5.4E- 11	UI	v		4.1E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.4E-11±2.7E-11	UI			1.0E-10	µCi/mL	GP	EPtA-011
0	Uranium-238	6.6E-11±6.1E-11				4.1E-11	µCi/mL	GP	EPtA.011
0	Yttrium-88	-6.3E-104.oE-o2	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.4E-09±3.9E-09	UI			7.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	3.1E-09±3.6E-09	UI			7.3E-09	µCi/mL	GP	EPIA-013

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/03/95 — **Time: 10:27**
Depth to water: 12.56 If (3S3 m) **below** TOC — **Water temperature: 19.2°C**
Water elevation: 224.54 (66.44 m) mat — Airtemperature: 24.6°C
pH: 5.1 — **Alkalinity: 1 mg/L**
Sp. conductance: 22 µS/cm — Phenolphthalein alkalinity: O mg/L
Turbidity: 1 NTU
Water evacuated from the waft prior to **sampling:** 160 gaf

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.5	J	o	L	0.010	pH	GE	EPA150.1
0	Specif10 conductance	21				0.30	µS/cm	GE	EPA120 1
o	Specifk conductance	21				0.30	µS/cm	GE	EPA120.1
O	Mercury, total recoverable	<0.023	J	Iv		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite • s nitrogen	70	J	E		100	µg/L	GE	EPA353.1
O	Gross @ @ha	1 8E-10±4.3E- 10	UIJ	C		9.5E-10	µCi/mL	GP	EPIA-001
O	Gross iphe	3.8E-1M.1E-1O	UIJ	c		1.3E-09	µCi/mL	GP	EPIA-001
O	Nonvolatilebeta	7.0E-10±1 .0E-09	UI			2.2E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	8.1E-10±9.7E-10	UI			2.1E-09	µCi/mL	GP	EPIA-001
O	Tritium	2.5E-07±3.7E-07	UI			6.3E-07	µCi/mL	GP	EPIA-002

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: 12/27/95 — Time: **13:09**
Depth to water: 12.9 ft (393 m) **below** TOC — **Water temperature: 20°C**
Water elevation: 224.2 (66.34 m) mat — Air temperature: 7.2-C
pH: 5.2 — **Alkalinity: 2 mg/L**
Sp. conductance: 22 µS/cm — Phenolphthalein alkalinity: O mg/L
Turbidity: 1 NTU
Water evacuated from the waft prior 10 **sampling:** 210 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.6	J	Q	L	0.010	pH	GE	EPA150 1
0	Specific conductance	21				0.30	µS/cm	GE	EPA120.1
0	Specifk conductance	21				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	4.1				1,000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	<53		v		20	µg/L	GE	EPA601OA
0	Ammonia nibogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<50				5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	23	J	EV		3 0	µg/L	GE	EPA6010A
0	Benzene	<0.50	J	o	L	0 50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.054		v		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050	J	o	L	0 050	µg/L	GE	EPA6260
0	Bromoform	<0.050	J	Q	L	0 050	µg/L	GE	EPA6260
0	Bromomethane	<0.44	J	QV	L	0 10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	1.090				20	µg/L	GE	EPA6010A

Well HSB 83A collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Mot#rod
0	Load, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	719				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	0.23	J	E		2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	0.019	J	E		0.20	µg/L	GE	EPA7470
0	Nickel. ol recov rable	<10				10	µg/L	GE	EPA6010A
0	Nitrate as nitrogen	<10		I		10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	<30		v		50	µg/L	GE	EPA353.1
0	Nitrite e t nitrogen	<5.0				50	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1240	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	932				500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Silica, total recoverable	22,900		Iv		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	1,900		v		100	µg/L	GE	EPA6010A
0	Sulfate	5,320		I		1,000	µg/L	GE	EPA300.0
0	1. 1.2.2-Tetrachloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050	J	a	L	0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Toluene	0.050	J	EQ	L	0.50	µg/L	GE	EPA8260
0	Total dissolved solids	<11,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<717		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	30	J	E		50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050	J	0	L	0.050	µg/L	GE	EPA8260
0	Trichloroethylene	4.050	J	0	L	0.050	µg/L	GE	EPA3260
0	Trichlorofluoromethane	<0.50	J	Q	L	0.50	µg/L	GE	EPA6260
0	Vanadium, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Actinium-228	4.1E-09±6.3E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Amerkbnr-241	-5.0E-11±3.1E-11	UI			28E-10	µCi/mL	GP	EPIA-011
0	Antimony- 124	-5.7E-10±2.1E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-5.0E-10±4.6E-09	UI			7.8E-09	µCi/mL	GP	EPIA-013
0	Barium- 133	-8.2E-10±2.3E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-3.0E-09±1.2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.5E-10±1.7E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.6E-10±1.8E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.2E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-8.2E-11±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.2E-10A1.7E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-3.9E-11±2.8E-11	UI			2.7E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-2.3E-11*7.IE-1 1	UIJ	c		2.9E-10	µCi/mL	GP	EfIA-011
0	Curium-245/246	-9.OE-12*1.3E-11	UI			1.7E-10	µCi/mL	GP	EPtA-011
0	Europium-152	-3.6E-09±4.9E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.3E-09±3.9E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.5E-104.2E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.3E- 10±3.9E-10	UI			8.5E-10	µCi/mL	GP	EPIA-001
1	Iodine-l 29	88E-1UO.1E-1O	UI			1.7E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.5E-09±6.1E-09	UI			6: 1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.0E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.8E-11±2.1E-11	UI			2.9E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-5.7E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.9E-09±9.4E-10				1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.4E-1w1.1E-1O	UI	v		1.6E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1 3E-10±9.1E-11	UI	v		8.2E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	1.7E-08±4.2E-08	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Promethium- 144	-1.8E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Promethium-l 46	2.8E-~23E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	3. OE-1W2.0E-1O				1.4E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	3.4E-09±1.6E-08	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.6E-10±1.4E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	6.1 E- 1U6.4E-10	UI	v		1.2E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.8E-09±5.6E-09	UI			1.4E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	42E-1A2.1E-1O	UI	v		2.6E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.6E-1W1.7E-1O	UI	v		2.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.7E-11±4.6E-11	UI			1.6E-10	µCi/mL	GP	EPIA-012
1	Thorium-234	32E-07*1.6E-07	R			1.2E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1.6E-09±2.2E-09	UI			43E-09	µCi/mL	GP	EPIA-013
0	Tritium	-2.6E-07±3.8E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002

Well HSB 83A collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Uranium-233/234	9.3E-11±1.2E-10	UI	v		2.2E-10	µCi/mL	GP	EPtA-011
0	Uranium-235	-7.7E-12±6.3E- 11	UI			1.7E-10	µCi/mL	GP	EPIA-01 1
o	Uranium-238	1.3E-10±9.4E-11				1.1E.1o	µCi/mL	GP	EPtA-011
0	Yttrium-88	2.0E-10±2. 1E-09	UI			4 .	1E-09	µCi/mL GP	EPIA-013
o	Zinc-65	1.1E-09±3.5E-09	UI			6.6E-09	µCi/mL	G P	EPIA-013
o	Zirconium-95	2.2E-09±3.7E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/03/95
Depth to water: 14.38 ft (4.38 m) below TOC
Water elevation: 222.62 ft (67.88 m) msl
pH: 6.7
Sp. conductance: 111 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 169 gal

Time: 11:22
Water temperature: 19.5°C
Air temperature: 27*C
Alkalinity: 43 mg/L
Phenolphthalein alkalinity: o mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.9	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specific conductance	109				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	109				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nitrate-nitrite as nitrogen	40	J	E		100	µg/L	G E	EPA353 1
0	Gross alpha	-6.6E-11±2.1E-10	UIJ	c		6.9E.1O	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.7E-10±7.7E-10	UI			1.6E-09	µCi/mL	G P	EPIA-001
0	Tritium	1.8E-06±3.6E-07				5.2E-07	µCi/mL	GP	EPIA-002

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95
Depth to water: 14.65 ft (4.47 m) below TOC
Water elevation: 222.35 ft (67.77 m) msl
pH: 7
Sp. conductance: 100 µS/cm
Turbidity: 2 NTU
Water evacuated from the watt priortosarnpting:217 gal

Time: 9:49
Water temperature: 20°C
Air temperature: 0.3°C
Alkalinity: 3 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.8	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	115				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	48				1.000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	<73		v		20	µg/L	GE	EPA601oA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	1.7	J	E		5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	2.0	J	E		5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	34		v		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0.050				0050	µg/L	GE	EPA6260
0	Bromomethane	<0.47		v		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.29	J	E		2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	18,800				20	µg/L	GE	EPA601oA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA6260
0	Chloride	2,530		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.060				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				010	µg/L	GE	EPA6260
0	Chromium, total recoverable	2.5	J	E		40	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	<4.0				4 0	µg/L	GE	EPA601OA
0	Copper, total recoverable	1.6	J	E		4.0	µg/L	GE	EPA60 10A
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0 050				0 050	µg/L	GE	EPA8260
0	1,1 -Dichloroethane	<0 050				0050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0050	µg/L	GE	EPA8260

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WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/95
Depth to water: 20.8 ft (6.34 m) below TOC
Water elevation: 222.3 ft (67.78 m) msl
pH: 9.1
Sp. conductance: 395 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 27 gel

The: 9:03
Water temperature 19.5°C
Air temperature: 25.2-C
Alkalinity: 19 mg/L
Phenolphthalein alkalinity: O mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
1	pH	9.1	J	o	L	0.010	pH	GE	EPA150.1
1	Specific conductance	381				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.16		v		0.20	µg/L	GE	EPA7470
2	Nitrate-nitrite as nitrogen	36,000		v		2,600	µg/L	GE	EPA353.1
o	Gross alpha	2.1E-09±1.0E-09				9.OE-10	µCi/mL	GP	EPIA-001
2	Nonvola tile beta	8.4 E-06*3 .6E-09				2.02-09	µCi/mL	GP	EPIA-001
O	Total activity	4.5E-03±4.7E-05				1.5E-06	µCi/mL	EM	301-6-1420
2	Tritium	4.6E-03±2.2E-04				1.8E-05	µCi/mL	GP	EPIA-002

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/95
Depth to water: 18.35 ft (5.59 m) below TOC
Water elevation: 223.05 ft (67.99 m) msl
pH: 5
Sp. conductance: 33 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prbr 10 sampling: 160 gal

Time: 11:24
Water temperature: 18.7°C
Air temperature: 27.5°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.3	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	5.3	J	o	L	0.010	pH	GE	EPA150.1
o	Specific conductance	35				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.075	J	Iv		0.20	µg/L	GE	EPA7470
O	Nitrate-nitrite as nitrogen					100	µg/L	GE	EPA353.1
O	Gross alpha	%%M2.4E"1O				3.0E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile bate	1.6E-09±4.9E-10				S.5E-10	µCi/mL	GP	EPIA-001
2	Tritium	1.4E-04±9.7E-06				3.1E-06	µCi/mL	GP	EPIA-002

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/95
Depth to water: 19.44 ft (5.93 m) below TOC
Water elevation: 222.16 ft (67.72 m) msl
pH: 7.4
Sp. conductance: 374 µS/cm
Turbidity 4 Ntu
Waler evacuated from the welt prior to sampling: 22 get

Time: 8:11
Water temperature: 18.6°C
Air temperature: 18.9°C
Alkalinity: 51 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANMYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7.6	J	o	L	0.010	pH	GE	EPA150.1
1	Specific conductance	392				0.30	µS/cm	GE	EPA120.1
0	Mercury, total recoverable	<0.28		v		0.20	µg/L	GE	EPA7470
2	Nitrate-nitrite as nitrogen	30,000		v		2,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite es nitrogen	30,000		v		2,000	µg/L	GE	EPA353. 1
0	Gross alpha	5.0E-09±15E-09				1.6E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.1E-08±3.3E-09				2.2E-09	µCi/mL	GP	EPIA-001
0	Total activity	3.9E.0b44E-05				1 5E-06	µCi/mL	EM	301-6-1420
2	Tritium	4.1E-03±2.1E-04				1.8E-05	µCi/mL	GP	EPIA-002

WELL HSB 83A

MEASUREMENTS CONDUCTEDIN THE FIELD

Sample dale: 10/03/95
Depth to water: 63.16 ft (19.25 m) below TOC
Water elevation: 174.14 ft (53.06 m) mat
pH: 6.9
Sp. conductance: 193 µS/cm
Turbidity: O NTU
Water evacuated from the wett prior to sampling: 183 gal

Time: 1040
Water temperature: 19.5-C
Air temperature: 25.1-C
Alkalinity: 64 mg/L
Phenolphthalein alkalinity: O mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	7.1	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specific conductance	187				0.30	µS/cm	G E	EPA120.1
o	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.037		v		0.20	µg/L	GE	EPA7470
0	Nitrato-nitrite as nitrogen	30	J	E		100	µg/L	GE	EPA3531
0	Gross alpha	54E-l&5 1E-10	UIJ	c		8.8E-10	µCi/mL	G P	EPIA-001
O	Nonvolatile beta	2. OE-1046E-1O	UI			1.5E-09	µCi/mL	G P	EPIA-001
O	Tritium	-6 4E-08±3.6E-07	UI			6.3E-07	µCi/mL	G P	EPIA-002

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95
Depth to water: 63.5 ft 1(19.36 m) below TOC
Water elevation: 173.8 ft (52.97 m) msl
pH: 7.2
Sp. conductance: 106 µS/cm
Turbidity: 1 NTU
Water evacuated from the welt prior to sampling: 149 gal

Time: 11:11
Water temperature: 15-C
Air temperature: 8°C
Alkalinity: 6 mg/L
Phenolphthalein alkalinity: O mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	71	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	7.1	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	194				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	82				1,000	mg/L	GE	EPA310. 1
0	Aluminum, total recoverable	<40		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Barium, total recoverable	32		V		3.0	µg/L	GE	EPA601oA
0	Benzene	<0.50	J	Q	L	0.50	µg/L	GE	EPA6260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.050	J	Q	L	0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050	J	0	L	0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.53	J	QV	L	0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	34,600				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050	J	0	L	0.050	µg/L	GE	EPA8260
0	Chloride	2,550		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050	J	0	L	0050	µg/L	GE	EPA8260
0	Chloroethane	<0.10	J	0	L	0.10	µg/L	GE	EPA6260
0	Chloroethene (Vinyl chloride)	<0.10	J	0	1	0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0	J	0	L	1.0	µg/L	GE	EPA6260
0	Chloroform	<0050	J	0	L	0.050	µg/L	GE	EPA6260
0	Chloromethane	<0.10	J	0	L	010	µg/L	GE	EPA6260
0	Chromium, total recoverable	<40				40	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<4 0				40	µg/L	GE	EPA601OA
0	Copper, total recoverable	1.6	J	E		4.0	µg/L	GE	EPA6010A
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0050	J	Q	L	0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethane	<0.050	J	Q	L	0050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050	J	0	L	0050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050	J	0	L	0050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0,050	J	0	L	0050	µg/L	GE	EPA6260
0	Dichloromethane	<050	J	0	L	050	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0 050	J	0	L	0050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0 050	J	Q	L	0050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<0 050	J	0	L	0050	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050	J	Q	L	0050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<16				18	µg/L	GE	EPA601OA

Well HR6 11 collected on 12/29/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	PCB 1254	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1230	<0.13	J	c		0.13	µg/L	GE	EPA8080
0	PCB 12S0	<1.1				1.1	µg/L	WA	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Phenols	<24				24	µg/L	WA	EPA420.2
0	Potassium, total recoverable	356	J	EV		500	µg/L	GE	EPA601oA
0	Potassium, total recoverable	363				258	µg/L	WA	CLP-M
0	Selenium, total recoverable	<s.0				5.0	µg/L	GE	EPAS01OA
0	Selenium, total recoverable	<19				19	µg/L	WA	CLP-M
0	Silica, total recoverable	5,980		v		100	µg/L	GE	EPAS01OA
0	Silica, total recoverable	6,820		v		67	µg/L	WA	W - M
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Silver, total recoverable	<0.36		V		1.4	µg/L	WA	CLP-M
0	Sodium, total recoverable	3,210		V		100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,520		v		4.7	µg/L	WA	CLP-M
0	Sulfate	1,360	J	I	P	1,000	µg/L	GE	EPA300.0
0	Sulfate	1,720				979	µg/L	WA	EPA300.0
0	1, 1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1, 1,2,2-Tetrachloroethane	<5.0				5.0	µg/L	WA	EPAS240
0	Tetrachloroethylene	4.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	Thallium, total recoverable	<s.0				5.0	µg/L	GE	EPA601OA
0	Thallium, total recoverable	<17				17	µg/L	WA	CLP-M
0	Toluene	<0.12		v		0.50	µg/L	GE	EPA8260
0	Toluene	<s.0				5.0	µg/L	WA	EPA8240
0	Total dissolved solids	<28,000		V		5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	22.000	J	E		42,800	µg/L	WA	EPA160.1
0	Total organic carbon	<1,4-30		V		1,000	µg/L	GE	EPA415.1
0	Total organic carbon	523	J	E		2,100	µg/L	WA	EPA415.1
1	Total organic halogens	2s				10	µg/L	GE	EPA9020B
0	Total organic halogens	21	J	E		161	µg/L	WA	SW9020B
0	Total phosphates(as P)	<80		v		50	µg/L	GE	EPA3654
0	Total phosphates (as P)	<30				30	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<5.0				5.0	µg/L	WA	EPA6240
0	1, 1,2-Trichloroethane	<0.050				0.050	µg/L	GE	E A8260
0	1,1,2-Trichloroethane	<s.0				5.0	µg/L	WA	E A8 40
0	Trichloroethylene	<0.050				0.050	µg/L	GE	E A8 60
0	Trichloroethylene	<5.0				5.0	µg/L	WA	E A8 40
0	Trichlorofluoromethane	<0.50				0.s0	µg/L	GE	EPA8 60
0	Trichlorofluoromethane	<s.0				5.0	µg/L	WA	E A82
0	Vanadium, total recoverable	<1.0		v		10	µg/L	GE	EPA60 0A
0	Vanadium, total recoverable	<13				13	µg/L	WA	CL M
0	Xylenes	<5.0				5.0	µg/L	WA	E A82
0	Zinc, total recoverable	12				5.0	µg/L	GE	EPA60
0	Zinc, total recoverable	13		v		9.7	µg/L	WA	LP M
0	Actinium-228	6.5E-09±3.8E-09	UI			7.5E-09	µCi/mL	(3P	EPIA-0
0	Actinium-228	6.5E-09±2.4E-08	UI			2.9E-08	µCi/mL	TM	EPA90 M
0	Americium-241	3.5E-11±4.7E-11	UI			0. SE-11	µCi/mL	GP	EPIA-
0	Americium-241	1.OE.1*1.2E-10	UI			5.8E-10	µCi/mL	TM	EMLAM0 M
0	Antimony-124	-2.1E-10±1.4E-09	UI			2.3E-09	µCi/mL	GP	EPIA-0
0	Antimony-124	-7.7E-10±6.1E-09	UI			9.3E-09	µCi/mL	TM	EPA90 M
0	Antimony-125	-4.8E-10±2.7E-09	UI			4.6E-09	µCi/mL	GP	EPIA-0
0	Antimony-125	-9.4E-09±9.9E-09	UI			1.7E-08	µCi/mL	TM	EPA90 M
0	Barium-133	-3.0E-10±1 .32-02	UI			2.1E-09	µCi/mL	GP	EPIA-0
0	Barium-133	-4.5E-09±4.9E-09	UI			8.2E-09	µCi/mL	TM	EPA90 M
0	Cerium-144	1.6E-09±8.3E-09	UI			1.4E-08	µCi/mL	GP	EPIA-0
0	Cerium-144	-8.8E-09±2.1E-08	UI			3.3E-08	µCi/mL	TM	EPA90 M
0	Cesium-134	-1 .6E.11*1.2E-02	UI			1.8E-09	µCi/mL	GP	EPIA-0
0	Cesium-134	- 1.3E-08±5.9E-09	UI			6.9E-09	µCi/mL	TM	EPA90 M
0	Cesium- 137	-4.9E-10±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-0
0	Cesium- 137	1.5E-10±4.3E-09	UI			7.5E-09	µCi/mL	TM	E A90 M
0	Cobalt-57	-3.0E-10±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPI
0	Cobalt-57	-8.7E-10±2.6E-09	UI			4.2E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-1.7E-09±1.2E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	3.8E-09±5.5E-09	UI			9.02-0s	µCi/mL	TM	EPA901.1M
0	cobalt-so	1.8E-10±1.1E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	cobalt-so	4.3E-10±4.7E-09	UI			8.1E-09	µCi/mL	TM	EPA901.1M
0	Curium-242	2.0E-11±3.7E-11	UI			7.6E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.5E-1M1.OE-10	UI	v		1.6E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.9E-1W3.4E-10	UI			7.8E-10	µCi/mL	TM	EMLAM01M
0	Curium-245/246	-4.5E-12±9.0E-12	UI			5.6E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.4E-09±2.8E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1 .4 E-09±3.3E-08	UI			5.7E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	1.2E-10±2.8E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1 9E-09±1.1E-08	UI			1.9E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-1.9E-09±4.5E-09	UI			7.8E-09	µCi/mL	GP	EPIA-013

Wall HR6 11 collected on 12/29/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Europium-155	-1.3E-08±9.4E-09	UI			1.1E-08	µCi/mL	TM	EPA901.1M
0	Gross alpha	3.0E-09±9.3E-10				7.3E.1O	µCi/mL	GP	EPIA-001
2	Gross alpha	6.5E-08±6.1E-09				5.2E-10	µCi/mL	TM	EPA900.0M
0	Iodine-129	-1.2E-10±1.1E-09	UI			1 .s2-0s	µCi/mL	GP	EPIA-006
0	Iodine-129	-2.4E-08±4.5E-08	UI			S. 8E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	1.9E-09±3.5E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.0E-08±9.8E-09	J		L	9.4E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-5.3E-11±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.2E-09±4.3E-09	UI			7. SE-OS	µCi/mL	TM	EPA901.1M
0	Neptunium-237	0.0E+00	UI			1.4E-10	µCi/mL	GP	EPIA-012 "
0	Neptunium-237	1.1E-09±4.7E-10				1.2E-10	µCi/mL	TM	EMLPU02M
0	Neptunium-239	2.7E-11±8.1E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.2E--9.8E-1O				1.6E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.3E-08±4.8E-09				7.SE-10	µCi/mL	TM	EPA900.0M
0	Plutonium-238	1.0E-10±7.9E-11	UI	V		4.4E-11	µCi/mL	GP	EPIA-012
0	Plutonium-238	1.4E-09±5.4E-10				2.1E-10	µCi/mL	TM	EMLPU02M
0	Plutonium-239/240	1.K.Iti7.2E-11	in	V		4.4E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.4E-10±1.6E-10	UI	C		2.1E-10	µCi/mL	TM	EMLPU02M
0	Potassium-40	0.0E+00	UI			2.5E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	-7.9E-08±5.7E-08	UI			8.1E-08	µCi/mL	TM	EPA901.1M
0	Promethium-144	-1.6E-10±9.7E-10	UI			1.6E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	4.9E-10±4.2E-09	UI			7.4E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	7.5E-10±1.2E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.6E-09±4.9E-09	UI			8.3E-09	µCi/mL	TM	EPA901.1M
0	Radium, total ● ra-arnlIthg	7.OE-1OM.OE.1O				3.7E-10	µCi/mL	GP	EPIA-010
0	Radium, total alpha-emitting	1.8E-09A5.OE-1O				2.3E-10	µCi/mL	TM	EPA903.0M
0	Ruthenium-106	5.8E-09±9.4E-09	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.9E-08±3.8E-08	UI			6.5E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	4.6E-11±1.0E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.2E-1OA4.OE-02	UI			6.9E-09	µCi/mL	TM	EPA901.1M
0	Strontium-90	1.1E-10±4.1E-10	UI	V		1.1E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	0.0E+00±3.1E-10	UI			7.8E-10	µCi/mL	TM	EMLSR02M
0	Technetium-99	-1.8E-09±6.3E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-1.8E-09±8.9E-09	UI	V		1.6E-08	µCi/mL	TM	EICHROM .
0	Technetium-99	9.5E-09±8.1E-09	UI	V		1.3E-08	µCi/mL	TM	EICHROM
0	Technetium-99	5.0E-09±9.0E-09	UI	V		1.5E-08	µCi/mL	TM	EICHROM
0	Thorium-228	S.8E-I(h37E-10	UI	V		3.4E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	2.0E-10± 1.8E-10	UI			2.SE-10	µCi/mL	TM	EMLTH01M
0	Thorium-230	S4E-11*1.4E-1O	UI	V		2.3E.1O	µCi/mL	GP	EPIA-012
0	Thorium-230	1.2E-10±1.4E-10	UI	V		2.3E-10	µCi/mL	TM	EMLTH01M
0	Thorium-232	-6.0E-12±1.2E-11	UI			2.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.0E+00	UI			1.1E-10	µCi/mL	TM	EMLTH01M
0	Thorium-234	0.0E+00	UI			8.6E-08	µCi/mL	GP	EPIA-013
0	Thorium-234	-5.2E-08±9 1E-08	UI			1.3E-07	µCi/mL	TM	EPA901.1M
0	Tin-113	-2.6E-12±1.4E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Tin-113	-2.8E-09±5.4E-09	UI			92E-OS	µCi/mL	TM	EPA901.1M
2	Tritium	2. 1E-05±9.6E-07				6.9E-07	µCi/mL	GP	EPIA-002
2	Tritium	2.3E-05±1.1E-06				5.7E-07	µCi/mL	TM	EPA906 0M
0	Uranium-233/234	3.6E-11±3.7E-11	UI			5.0E-11	µCi/mL	GP	EPIA-011
0	Uranium-234	2.3E-1N.1E-1o	J		L	2.1E-10	µCi/mL	TM	EML1J02M
0	Uranium-235	28E-1 1*4 3E-11	UI			8.3E-11	µCi/mL	GP	EPIA411
0	Uranium-235	002400	UI	C		1.5E-10	µCi/mL	TM	EMLU02M
0	uranium-233	6 4E-11±4 9E-11				6.1E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.3E-10±2.1E-10	J		L	2.1E-10	µCi/mL	TM	EMLU02M
0	Yttrium-88	2.2E-09±1.5E-09	UI			22E-06	µCi/mL	GP	EPIA-013
0	Yttrium-88	-1.3E-09±4.0E-09	UI			7.3E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	1.1E-09±2.5E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	6.1E-09±8.3E-09	UI			1.5E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	2.5E-10±2.2E-09	in			3.8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	6.3E-104.OE-O9	UI			1.6E-08	µCi/mL	TM	EPA901.1M

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/02/95
Depth to water: 39.5 ft (12.04 m) below TOC
Water elevation: 232.5ft(70.87 m) msl
pH: 4.7
Sp. conductance: 38 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 8:53
Water temperature: 19.3°C
Air temperature: 22°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

Well HR8 11 collected on 12/29/65 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Thorium-230	1.1 E-OA2.6E-1O	UI	V		8.3E-11	µCi/mL	GP	EPIA-012
O	Thorium-230	-6.0E-11±4.1E-11	UI	V		44E-10	µCi/mL	GP	EPIA-012
o	Thorium-230	7.OE.11*1.OE-10	UI	V		2. 1E-10	µCi/mL	TM	EMLTH01M
o	Thorium-232	B.6E-11*7.IE-1 1				8.3E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	8.4 E-11±1.6E-10	UI			3.5E-10	µCi/mL	GP	EPIA-012
o	Thorium-232	o 0E+00	UI			1.OE-10	µCi/mL	TM	EMLTH01M
o	Thorium-234	3.1E-08±8.3E-08	UI			8.2E-08	µCi/mL	GP	EPIA-013
o	Thorium-234	8.4E-08±1.7E-07	UI			2.0E-07	µCi/mL	TM	EPA901.1M
1	Thorium-234	3.3E-07±2.0E-07	R			2.1E-07	µCi/mL	TM	EPA901.1M
O	Tin-113	-3.6E-1O*1.5E-O2	UI			2.5E-09	µCi/mL	GP	EPIA-013
O	Tin-113	-1 .3E-09±4.6E-09	UI			7.1E-09	µCi/mL	TM	EPA901.1M
O	Tin-113	2. 1E-09±4.0E-09	UI			7.2E-09	µCi/mL	TM	EPA901.1M
2	Tritium	2. 1E-05±9.7E-07				6.9E-07	µCi/mL	GP	EPIA-002
2	Tritium	2.3E-05±1.1E-06				5.9E-07	µCi/mL	TM	EPA906.0M
0	Uranium-233/234	2.1E-11±5.9E-11	UI			1.6E-10	µCi/mL	GP	EPIA-011
0	Uranium-234	1.5E-10±1.7E-10	In			2.3E-10	µCi/mL	TM	EMLU02M
o	Uranium-235	2.9E-11*5.6E.1 1	UI			8.7E-1 1	µCi/mL	GP	EPtA-011
0	Uranium-235	6.OE.11*1.2E.1O	UI	C		2.6E-10	µCi/mL	TM	EMLU02M
o	Uranium-238	2.9E-11*5.8E.1 1	UI			8.6E-11	µCi/mL	GP	EPtA411
0	Uranium-238	5.OE-11*1.OE-1O	UI			2.3E-10	µCi/mL	TM	EMLU02M
o	Yttrium-88	2.1E-10±1.2E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
o	Yttrium-88	-1.5E-10±3 1E-09	UI			5.8E-09	µCi/mL	TM	EPA901.1M
0	Yttrium-88	-5.0E-11±3.4E-09	UI			6.3E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	5.6E-10±3.0E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	3.5E-09±7.4E-09	UI			1.3E-08	µCi/mL	TM	EPA901.1M
o	Zinc-65	-4.3E-09±7.5E-09	UI			1.2E-08	µCi/mL	TM	EPA901.1M
o	Zirconium-95	2.0E-09±2.4E-08	UI			4.6E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1.3E-09±7.6E-09	UI			1.3E-OS	µCi/mL	TM	EPA901.1M
o	Zirconium-95	5.4E-10±7.4E-09	UI			1.3E-08	µCi/mL	TM	EPA901.1M

WELL H13811 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/95 — The: 16:22
Depth to water: 13.5 ft (4.11 m) below TOC — Water temperature: 17°C
Water elevation: 245.77ft (74.89m) msl — Air temperature: 11.1°C
pH: 4 R_ — Alkalinity: 0 mg/L
Sp. conductance: 3 0 µS/cm , — Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU ''
Water evacuated from the watt prior to sampling: 643 get

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.6	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	4.6	J	Q		0.10	pH	WA	EPA150.1
0	Specific conductance	34				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	35		v		4.0	µS/cm	WA	EPA120.1
0	Alkalinity (as CaCO3	<1.0				1,000	mg/L	GE	EPA31O.1
0	Alkalinity (as CaCO3)	<9.7				9,720	mg/L	WA	EPA31o. 1
2	Aluminum, total recoverable	240		v		20	µg/L	GE	EPASO1OA
2	Aluminum, total recoverable	233		v		67	µg/L	WA	CLP-M
0	Ammonia	<17		v		50	µg/L	WA	EPA350.3
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Antimony, total recoverable	<19				19	µg/L	WA	CLP-M
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	6.9	J	E		12	µg/L	WA	CLP-M
0	Barium, total recoverable	7.1		V		3.0	µg/L	GE	EPMO1OA
0	Barium, total recoverable	7.6				7.4	µg/L	WA	CLP-M
0	Benzene	<050				0.50	µg/L	GE	EPAS260
0	Benzene	<5.0				5.0	µg/L	WA	EPAS240
0	Beryllium, total recoverable	<011		v		3.0	µg/L	GE	EPA601OA
0	Beryllium, total recoverable	<0.87		v		2.1	µg/L	WA	CLP-M
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Boron, total recoverable	<97		v		12	µg/L	WA	CLP-M
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<5.0				5.0	µg/L	WA	EPA6240
0	Bromoform	<0.050				0.050	µg/L	GE	EPA6260
0	Bromoform	<5.0				5.0	µg/L	WA	EPA6240
0	Bromomethane	<0.10				0.10	µg/L	GE	EPAS260
0	Bromomethane	<10				10	µg/L	WA	EPA6240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	CLP-M
0	Calcium, total recoverable	102				20	µg/L	GE	EPA6010A
0	Calcium, total recoverable	104		v		24	µg/L	WA	CLP-M

Well HR8 11 collected on 12/29/65 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Carbon tetrachloride	<5.0				5.0	µg/L	WA	EPA8240
0	Chloride	2,420		v		250	µg/L	GE	EPA300.0
0	Chloride	2,460	J	E		3,470	µg/L	WA	EPA300.0
0	Chlorobenzene	<0050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<5.0				5.0	µg/L	WA	EPA6240
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chloroethane	<lo				10	µg/L	WA	EPAS240
0	Chloroethene Vhyi chloride	<0.10				0.10	µg/L	GE	EPAs260
0	Chloroethene (vinyl chloride)	<lo				10	µg/L	WA	EPA6240
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<lo				10	µg/L	WA	EPA6240
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroform	<5.0				5.0	µg/L	WA	EPA6240
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chloromethane	<lo				10	µg/L	WA	EPAS240
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Chromium. total recoverable	<1.5		v		10	µg/L	WA	CLP-M
0	Cobalt, total recoverable	<0.81		v		4.0	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	<12				12	µg/L	WA	CLP-M
0	Copper, total recoverable	99		v		4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	99				18	µg/L	WA	CLP-M
0	Cyanide	<10				10	µg/L	GE	EPA3353
0	Cyanide	2.5	J	E		18	µg/L	WA	EPA335.2
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	Dibromochloromethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<5.0				5.0	µg/L	WA	EPA6240
0	1.1 -Dichloroethylene	<0,050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<50				5.0	µg/L	WA	EPA6240
0	1,2-Dichloroethylene	<50				5.0	µg/L	WA	EPA8240
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Dichloromethane	<24		v		5.0	µg/L	WA	EPA6240
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPM260
0	1,2-Dichloropropane	<5.0				5.0	µg/L	WA	EPAS240
0	cis-1,3-Dichloropropene	<0050				0.050	µg/L	GE	EPA62S0
0	cis-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPA8240
0	trans-1,3-Dichloropropene	<0050				0.050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<50				5.0	µg/L	WA	EPM240
0	Ethylbenzene	<0050				0.050	µg/L	GE	EPA6260
0	Ethylbenzene	<5.0				5.0	µg/L	WA	EPA8240
0	Fluoride	<1oo				100	µg/L	GE	EPA300.0
0	Fluoride	23	J	E		27	µg/L	WA	EPA340.2
0	Iron. total recoverable	61				18	µg/L	GE	EPA601OA
0	Iron, total recoverable	<121		V		26	µg/L	WA	CLP-M
0	Lead, total recoverable	6.4				5.0	µg/L	GE	EPA6010A
0	Lead, total recoverable	9.8	J	E		13	µg/L	WA	CLP-M
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<0.65		V		1.2	µg/L	WA	CLP-M
0	Magnesium, total recoverable	255		V		20	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	261		V		10	µg/L	WA	CLP-M
0	Manganese, total recoverable	2.0				2.0	µg/L	GE	EPA6010A
0	Manganese, total recoverable	<2.3		V		5.7	µg/L	WA	CLP-M
0	Mercury, total recoverable	0.073	J	E		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	CLP-M
0	Nickel, total recoverable	<lo				10	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<5.4				5.4	µg/L	WA	CLP-M
0	Nitrate as nitrogen	1,440	J	o	L	100	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	1,420				120	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	1,510		v		50	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,420				120	µg/L	WA	EPA353.2
0	Nitrite as nitrogen	<5.0	J	o	L	5.0	µg/L	GE	EPA300.0
0	Wits as nitrogen	<20	J	Q		20	µg/L	WA	EPA353.2
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1016	<1,1				1.1	µg/L	WA	EPA8080
0	PCB 1221	<o 13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<2.2				2.2	µg/L	WA	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<1 1				1.1	µg/L	WA	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1246	<o 13				013	µg/L	GE	EPA8080
0	PCB 1246	<1,1				1.1	µg/L	WA	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080

Well HR8 11 collected on 12/29/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1260	<0.13	J	C		0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	C		0.13	µg/L	GE	EPA8080
0	PCB 1260	<1.1				1.1	µg/L	WA	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Phenols	<24				24	µg/L	WA	EPA420.2
0	Potassium, total recoverable	391	J	EV		500	µg/L	GE	EPA6010A
0	Potassium, total recoverable	354	J	EV		500	µg/L	GE	EPA6010A
0	Potassium, total recoverable	382				258	µg/L	WA	CLP-M
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Selenium, total recoverable	5.5	J	≤		19	µg/L	WA	CLP-M
0	Silica, total recoverable	5,890		V		100	µg/L	GE	EPA6010A
0	Silica, total recoverable	5,870		V		100	µg/L	GE	EPA6010A
0	Silica, total recoverable	6,520		V		67	µg/L	WA	CLP-M
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Silver, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Silver, total recoverable	<0.38		V		1.4	µg/L	WA	CLP-M
0	Sodium, total recoverable	3,230		V		100	µg/L	GE	EPA6010A
0	Sodium, total recoverable	3,190		V		100	µg/L	GE	EPA6010A
0	Sodium, total recoverable	3,380		V		4.7	µg/L	WA	CLP-M
0	Sulfate	1,370	J	-	R	1,000	µg/L	GE	EPA300.0
0	Sulfate	1,370		-		1,000	µg/L	GE	EPA300.0
0	Sulfate	1,570				979	µg/L	WA	EPA300.0
0	Sulfate	1,540				979	µg/L	WA	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
2	Thallium, total recoverable	3.9	J	E		17	µg/L	WA	CLP-M
0	Toluene	<0.13		V		0.50	µg/L	GE	EPA8260
0	Toluene	<5.0				5.0	µg/L	WA	EPA8240
0	Total dissolved solids	<32,000		V		5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	24,000	J	E		42,800	µg/L	WA	EPA160.1
0	Total organic carbon	1,750		V		1,000	µg/L	GE	EPA415.1
0	Total organic carbon	523	J	E		2,100	µg/L	WA	EPA415.1
1	Total organic halogens	26				10	µg/L	GE	EPA9020B
0	Total organic halogens	23				10	µg/L	GE	EPA9020B
0	Total organic halogens	20	J	E		161	µg/L	WA	SW9020B
0	Total organic halogens	23	J	E		161	µg/L	WA	SW9020B
0	Total phosphates (as P)	<70		V		50	µg/L	GE	EPA365.4
0	Total phosphates (as P)	<120		V		50	µg/L	GE	EPA365.4
0	Total phosphates (as P)	<30				30	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<5.0				5.0	µg/L	WA	EPA8240
0	Vanadium, total recoverable	<1.2		V		10	µg/L	GE	EPA6010A
0	Vanadium, total recoverable	<0.43		V		10	µg/L	GE	EPA6010A
0	Vanadium, total recoverable	<13				13	µg/L	WA	CLP-M
0	Xylenes	<5.0				5.0	µg/L	WA	EPA8240
0	Zinc, total recoverable	12				5.0	µg/L	GE	EPA6010A
0	Zinc, total recoverable	11				5.0	µg/L	GE	EPA6010A
0	Zinc, total recoverable	12		V		9.7	µg/L	WA	CLP-M
0	Actinium-228	6.0E-09±4.7E-09				9.3E-09	µCi/mL	GP	EPA-013
0	Actinium-228	2.9E-08±1.8E-08			L	2.5E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	2.4E-08±1.9E-08			H	2.3E-08	µCi/mL	TM	EPA901.1M
0	Americium-241	2.2E-11±4.9E-11				1.0E-10	µCi/mL	GP	EPIA-011
0	Americium-241	4.4E-10±5.2E-10				1.0E-09	µCi/mL	TM	EMLAM01M
0	Antimony-124	3.4E-10±1.5E-09				2.6E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	3.9E-09±5.2E-09				8.2E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	-4.0E-09±5.7E-09				7.7E-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	3.3E-09±2.9E-09				5.2E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.6E-09±7.8E-09				1.3E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	3.8E-10±9.0E-09				1.4E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	4.6E-10±1.6E-09				2.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-3.0E-09±3.9E-09				6.7E-09	µCi/mL	TM	EPA901.1M
0	Barium-133	-4.0E-09±3.7E-09				6.2E-09	µCi/mL	TM	EPA901.1M

Well HR8 11 collected on 12/29/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Cerium-144	3.3E-10±9.1E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-6.3E-09±2.3E-08	UI			3.7E-08	µCi/mL	TM	EPA901.1M
0	Cerium-144	1.5E-09±2.4E-08	UI			3.8E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-1.2E-10±1.3E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	5.1E-09±3.3E-09	UI			6.1E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	-2.6E-09±3.8E-09	UI			5.7E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	8.5E-10±1.1E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.8E-10±3.7E-09	UI			6.0E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	3.5E-09±3.4E-09	UI			6.4E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-7.5E-11±1.1E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.3E-10±3.1E-09	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	3.4E-10±3.1E-09	UI			5.1E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	5.7E-10±1.3E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.2E-09±5.1E-09	UI			7.1E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-2.0E-09±5.4E-09	UI			7.5E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	6.8E-10±1.3E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.0E-09±3.7E-09	UI			5.8E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	-1.4E-09±3.5E-09	UI			5.9E-09	µCi/mL	TM	EPA901.1M
0	Curium-242	1.2E-11±3.9E-11	UI			8.7E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.1E-10±8.2E-11	UI	V		1.3E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.9E-10±4.2E-10	UI			9.6E-10	µCi/mL	TM	EMLAM01M
0	Curium-245/246	-1.2E-11±1.3E-11	UI			6.6E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-5.8E-10±2.9E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.9E-09±2.4E-08	UI			4.2E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	1.2E-08±2.4E-08	UI			4.4E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-1.3E-09±3.5E-09	UI			6.0E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.8E-09±1.2E-08	UI			1.7E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-6.0E-09±1.2E-08	UI			1.7E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-3.2E-10±4.6E-09	UI			8.2E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.9E-09±1.1E-08	UI			1.7E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	4.9E-09±1.1E-08	UI			1.7E-08	µCi/mL	TM	EPA901.1M
0	Gross alpha	3.2E-09±9.6E-10				7.7E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	3.8E-09±1.6E-09				5.9E-10	µCi/mL	TM	EPA900.0M
0	Iodine-129	-1.3E-11±7.2E-10	UI			1.3E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	1.6E-07±3.2E-07	UI			4.4E-07	µCi/mL	TM	EPA901.1M
0	Iodine-129	1.5E-07±2.0E-07	UI			3.5E-07	µCi/mL	TM	EPA901.1M
0	Lead-212	0.0E+00	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Lead-212	-2.9E-09±6.2E-09	UI			9.5E-09	µCi/mL	TM	EPA901.1M
0	Lead-212	6.6E-10±6.2E-09	UI			9.8E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-4.4E-10±1.3E-09	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.1E-09±3.5E-09	UI			5.7E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-9.5E-10±3.5E-09	UI			6.0E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-237	-6.4E-12±1.3E-11	UI			2.5E-10	µCi/mL	GP	EPIA-012
0	Neptunium-237	-2.4E-11±2.4E-11	UI			3.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-237	9.9E-10±4.8E-10				3.4E-10	µCi/mL	TM	EMLPU02M
0	Neptunium-239	-1.4E-10±8.5E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.6E-09±1.1E-09				1.8E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.8E-09±2.3E-09				7.9E-10	µCi/mL	TM	EPA900.0M
0	Plutonium-238	1.7E-10±1.2E-10	UI	V		1.7E-10	µCi/mL	GP	EPIA-012
0	Plutonium-238	6.1E-11±6.2E-11	UI	V		9.7E-11	µCi/mL	GP	EPIA-012
0	Plutonium-238	1.7E-09±6.6E-10				3.1E-10	µCi/mL	TM	EMLPU02M
0	Plutonium-239/240	2.3E-10±1.2E-10	UI	V		9.4E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.5E-10±8.7E-11	UI	V		3.7E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	4.7E-10±3.2E-10	J	C	L	2.4E-10	µCi/mL	TM	EMLPU02M
0	Potassium-40	6.5E-09±2.3E-08	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	6.5E-08±3.9E-08	J		L	4.7E-08	µCi/mL	TM	EPA901.1M
0	Potassium-40	-2.3E-08±4.7E-08	UI			6.7E-08	µCi/mL	TM	EPA901.1M
0	Promethium-144	-1.4E-09±1.1E-09	UI			1.6E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	2.5E-10±4.2E-09	UI			6.6E-09	µCi/mL	TM	EPA901.1M
0	Promethium-144	9.0E-11±3.5E-09	UI			6.1E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	3.2E-10±1.4E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.4E-10±3.8E-09	UI			6.7E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	1.9E-09±3.9E-09	UI			7.0E-09	µCi/mL	TM	EPA901.1M
0	Radium, total alpha-emitting	1.3E-09±6.0E-10				4.0E-10	µCi/mL	GP	EPIA-010
0	Radium, total alpha-emitting	2.1E-09±5.4E-10				2.3E-10	µCi/mL	TM	EPA903.0M
0	Ruthenium-106	-8.4E-09±1.1E-08	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.5E-08±3.2E-08	UI			5.5E-08	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	-8.9E-09±2.8E-08	UI			4.8E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	-4.6E-10±1.3E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-9.8E-10±4.2E-09	UI			6.2E-09	µCi/mL	TM	EPA901.1M
0	Sodium-22	-2.1E-09±4.3E-09	UI			6.1E-09	µCi/mL	TM	EPA901.1M
0	Strontium-90	9.9E-10±7.1E-10	UI	V		1.1E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	0.0E+00±3.2E-10	UI			8.1E-10	µCi/mL	TM	EMLSR02M
0	Technetium-99	-2.3E-09±6.4E-09	UI			1.6E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.1E-10±1.7E-10	UI	V		1.8E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	3.4E-10±3.3E-10	UI	V		5.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	7.0E-11±1.0E-10	UI			1.6E-10	µCi/mL	TM	EMLTH01M

WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/95
Depth to water: 13.5 ft (4.11 m) below TOC
Water elevation: 245.7 ft (74.89 m) msl
pH: 4.8
Sp. conductance: 30 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 643 gal

Time: 16:22
Water temperature: 17°C
Air temperature: 11.1°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: ° mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	4.7	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	4.8	J	Q		0.10	pH	WA	EPA150.1
0	Specific conductance	33				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	35		V		4.0	µS/cm	WA	EPA120.1
0	Alkalinity (as CaCO3)	<1.0				1,000	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	<9.7				9,720	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	229		V		20	µg/L	GE	EPA6010A
2	Aluminum tota ecov ble	228		V		20	µg/L	GE	EPA6010A
2	Aluminum ota recove able	231		V		87	µg/L	WA	CLP-M
0	Ammonia	<16		V		50	µg/L	WA	EPA350.3
0	Ammonia	<15		V		50	µg/L	WA	EPA350.3
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recover ble	2.8	J	≤		5.0	µg/L	GE	EPA6010A
0	Antimony, tot ecover ble	<5.0				5.0	µg/L	GE	EPA6010A
0	Antimony, tot ecover le	<19				19	µg/L	WA	CLP-M
0	Arsenic, total recov ble	<3.3		V		5.0	µg/L	GE	EPA6010A
0	senic tot recov ble	<5.0				5.0	µg/L	GE	EPA6010A
0	Arsenic total recoverable	1.7	J	≤		12	µg/L	WA	CLP-M
0	B rium tot recover ble	7.6				3.0	µg/L	GE	EPA6010A
0	B ium tot recover ble	6.0	J	≤		25	µg/L	GE	EPA6010A
0	B rium tot ecover le	6.9		V		3.0	µg/L	GE	EPA6010A
0	B rium tota ecove le	7.6				7.4	µg/L	WA	CLP-M
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Benzene	<5.0				5.0	µg/L	WA	EPA8240
0	Beryllium, tota recove le	0.83	J	EV		3.0	µg/L	GE	EPA6010A
0	Beryllium, tota ecover ble	<0.11		V		3.0	µg/L	GE	EPA6010A
0	Beryllium, ot ecover ble	<0.67		V		2.1	µg/L	WA	CLP-M
0	Boron, tot recover ble	<50				50	µg/L	GE	EPA6010A
0	Boron tot recoverable	<50				50	µg/L	GE	EPA6010A
0	Boron tota recov rable	<70		V		12	µg/L	WA	CLP-M
0	Bromodichlorom thane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromodichlorometh	<5.0				5.0	µg/L	WA	EPA8240
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<5.0				5.0	µg/L	WA	EPA8240
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Bromome hane	<10				10	µg/L	WA	EPA8240
0	dmium tot ecov ble	0.85	J	E		2.0	µg/L	GE	EPA6010A
0	dmium ot ecov ra le	<2.0				2.0	µg/L	GE	EPA6010A
0	dmium tota recov le	<4.7				4.7	µg/L	WA	CLP-M
0	lcium tota recove ble	107				20	µg/L	GE	EPA6010A
0	lcium tota recov ble	100				20	µg/L	GE	EPA6010A
0	lcium tota recov le	111		V		24	µg/L	WA	CLP-M
0	rbon chloride	<0.050				0.050	µg/L	GE	EPA8260
0	rbon chloride	<5.0				5.0	µg/L	WA	EPA8240
0	loride	2,260		V		250	µg/L	GE	EPA300.0
0	lo ide	2,170		V		250	µg/L	GE	EPA300.0
0	lo ide	2,450	J	E		3,470	µg/L	WA	EPA300.0
0	lo ide	2,380	J	E		3,470	µg/L	WA	EPA300.0
0	loroben ene	<0.050				0.050	µg/L	GE	EPA8260
0	lorobenzene	<5.0				5.0	µg/L	WA	EPA8240
0	loroethane	<0.10				0.10	µg/L	GE	EPA8260
0	loroeth ne	<10				10	µg/L	WA	EPA8240
0	loroethene (Vinyl chlo ide	<0.10				0.10	µg/L	GE	EPA8260
0	loroethene (Vinyl chloride	<10				10	µg/L	WA	EPA8240
0	-C loroethyl inyl ethe	<1.0				1.0	µg/L	GE	EPA8260
0	-C loroe hyl inyl ethe	<10				10	µg/L	WA	EPA8240
0	loroform	<0.050				0.050	µg/L	GE	EPA8260
0	loroform	<5.0				5.0	µg/L	WA	EPA8240
0	lorom ha	<0.10				0.10	µg/L	GE	EPA8260
0	loromeih	<10				10	µg/L	WA	EPA8240
0	romium ot ecov le	1.1	J	E		4.0	µg/L	GE	EPA6010A
0	romium tot cov ble	<4.0				4.0	µg/L	GE	EPA6010A
0	rom ecov le	<10				10	µg/L	WA	CLP-M
0	oba ec le	<1.4		V		4.0	µg/L	GE	EPA6010A
0	oba rec le	<0.63		V		4.0	µg/L	GE	EPA6010A

Well HR8 11 collected on 12/29/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Cobalt, total recoverable	<12				12	µg/L	WA	CLP-M
0	Copper, total recoverable	99		V		4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	97		V		4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	99				18	µg/L	WA	CLP-M
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Cyanide	<18				18	µg/L	WA	EPA335.2
0	Cyanide	<18				18	µg/L	WA	EPA335.2
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Dibromochloromethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0 35	J	E		0.50	µg/L	GE	EPA8260
0	Dichloromethane	<2.8		V		5.0	µg/L	WA	EPA8240
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<5.0				5.0	µg/L	WA	EPA8240
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPA8240
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPA8240
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<5.0				5.0	µg/L	WA	EPA8240
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Fluoride	<100				100	µg/L	GE	EPA300.0
0	Fluoride	22	J	≤		27	µg/L	WA	EPA340.2
0	Iron, total recoverable	33				18	µg/L	GE	EPA6010A
0	Iron, total recoverable	39				18	µg/L	GE	EPA6010A
0	Iron, total recoverable	<69		V		26	µg/L	WA	CLP-M
0	Lead, total recoverable	11				5.0	µg/L	GE	EPA6010A
0	Lead, total recoverable	<100				100	µg/L	GE	EPA6010A
0	Lead, total recoverable	8.8				5.0	µg/L	GE	EPA6010A
0	Lead, total recoverable	12	J	≤		13	µg/L	WA	CLP-M
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<0.88		V		1.2	µg/L	WA	CLP-M
0	Magnesium, total recoverable	250		V		20	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	248		V		20	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	262		V		10	µg/L	WA	CLP-M
0	Manganese, total recoverable	2.8				2.0	µg/L	GE	EPA6010A
0	Manganese, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Manganese, total recoverable	1.8	J	E		2.0	µg/L	GE	EPA6010A
0	Manganese, total recoverable	<2.4		V		5.7	µg/L	WA	CLP-M
0	Mercury, total recoverable	0.075	J	E		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	CLP-M
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	CLP-M
0	Nickel, total recoverable	1.6	J	≤		10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Nickel, total recoverable	1.1	J	≤		10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<5.4				5.4	µg/L	WA	CLP-M
0	Nitrate as nitrogen	1,460	J	o	L	100	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	1,450				120	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	1,530		V		50	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,450				120	µg/L	WA	EPA353.2
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	Nitrite as nitrogen	<20	J	Q		20	µg/L	WA	EPA353.2
0	Nitrite as nitrogen	<20	J	Q		20	µg/L	WA	EPA353.2
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1016	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<2.2				2.2	µg/L	WA	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<1.1				1.1	µg/L	WA	EPA8080

Wall HCA 48 collected on 12/27/25 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	lab	Method
o	Ruthenium-106	-2.8E-09±1.7E-08	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.7E-10±2.2E-09	UI			3 8E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	2.4E-104.4E-1O	UI			7.0E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.8E-1oA6.6E-06	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	6. SE-1 OA2.8E.1O	UI	v		3.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	5.7E-10±2.2E-10	UI	v		1.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	4.0E-1 1*5.7E.11	UI			6:0E:11	µCi/mL	GP	EPIA-012
0	Thorium-234	4.8E-08±1.1E-07	UI			1.6E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-1. 1E-09±2.9E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
0	Tritium	7.2E-06±6.5E-07				6.8E-07	µCi/mL	GP	[Pi:-~
0	Uranium-233/234	1.9E-10±9.5E-11	UI	v		9.0E-11	µCi/mL	GP	
0	Uranium-235	2.6E-11*3.7E-11	UI			6:5E111	µCi/mL	GP	EPIA1011
0	Uranium-238	2.3E-10±1.0E-10				7.SE-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-2.2E-09±3.0E-09	UI			4.s2-0s	µCi/mL	GP	EPIA-013
0	Zinc-65	-8.4E-1048E-03	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-9.5E-10±3.8E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013

WELL HCA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date **12/27/95** **Time: 9:29**
Depth to water: 64.3 ft (19.6 m) **below TOC** **Water temperature: 23°C**
Water elevation: 24S.4ft(75.1 m) **msl** **Air temperature: 1.5°C**
pH: 6.8 **Alkalinity: 52 mg/L**
Sp. conductance: 66 µS/cm **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: O NTU
Water evacuated from the well prior **to sampling:** 40 **gal**

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	7.0	J	o	L	0.010	pH	GE	EPA150.1
0	Specific conductance	65				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	95				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	36				1,000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	<135		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	44		v		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.037		v		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601oA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.37		v		0.10	µg/L	GE	EPM260
0	Cadmium, total recoverable	0.85	J	E		2.0	µg/L	GE	EPA601oA
0	Calcium, total recoverable	11,000				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	1,990				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPM260
0	Chloroform	0.16				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	0.65	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.0s0				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.0s0				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.6s				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0 050				0.050	µg/L	GE	EPM260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	90	J	E		100	µg/L	GE	EPA300.0
0	Iron, total recoverable	12	J	E		18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	550				20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	5.2				2.0	µg/L	GE	EPA601oA

Well HCA 4C collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Mercury, total recoverable	4.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate e s nitrogen	624				200	µg/L	GE	EPA300 O
0	Nitrate-nitrite e s nitrogen	940		V		60	µg/L	GE	EPA3S3.1
0	Nitrite e s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1246	<0.12				0.12	µg/L	GE	EPM060
0	PCB 1254	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA6060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	461	J	E		500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	9,660		Iv		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium tota recoverable	2,770		v		100	µg/L	GE	EPA6010A
0	Sulfate	1,180				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
2	Tetrachloroethylene	5.5				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	<0.17		v		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	57,000		v		5,000	µg/L	GE	EPA1601
0	Total organic carbon	178	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	13				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	420				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0 050				0.050	µg/L	GE	EPA8260
0	1:1 ,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	1.5				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	1.1	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	S.4				5.0	µg/L	GE	EPA6010A
0	Actinium-228	8.2E-10±5 4E-09	UI			9.6E-09	µCi/mL	GP	EPIA-013
0	Americium-241	S.SE-I 1±8.5E-11	UI			5.6E-11	µCi/mL	GP	EPIA-011
0	Antimony-124	-1.3E-09±1.7E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.1E-09±4.0E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.6E-09±2.2E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	6.1E-11±1.0E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.1E-10±1.6E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.9E-10±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.3E-09±1.3E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-5.9E-10±1.5E-09	UI			2.62-02	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.2E-1OA1 .5E-09	UI			2.62-03	µCi/mL	GP	EPIA-013
0	Curium-242	4.5E-11±7.1E-11	UI			1.4E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.6E-1IA.6E-11	UIJ	c		1.6E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			5.6E-11	µCi/mL	GP	EfiA-011
0	Europium-152	2.1E-09±4.3E-09	UI			7.8E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.9E-10±4.0E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.5E-10±5.8E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	4.1E-10±4.2E-10	UI			6.5E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	6.4E-10±1.2E-09	UI			2.2E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.3E-09±1.6E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.1E-13±2.6E-11	UI			8.2E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	5.8E-09±9.7E-09	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile trek	1.0E-09±8.5E-10	UI			1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.5E-10±1.7E-10	UI			2.1)E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.2E-10±1.3E-10	UI			1.8E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	1.4E-08±2.8E-08	UI			3 0E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-3.3E-10±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-6.4E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1.0E-10±3.0E-10	UI			2.6E-10	µCi/mL	GP	EPIA-O1O
0	Radium, total m-ernMng	-1.0E-10±3.0E-10	UI			27E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	7.6E-09±1.3E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	8.6E-11±1.4E-09	in			2.7E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.4E-1LM1.9E-1O	UI			7.6E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	3.5E-09±8.1E-09	UI			1.9E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	8.8E-10±4.8E-10	UI	v		4.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.2E-11±1.1E-10	UI	v		36E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	9.7E-11*1.6E-1O	UI			2.9E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	2.0E-08±1.0E-07	UI			1.2E-07	µCi/mL	GP	EPIA-013
0	Tin-113	2.8E-09*24E.09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Tritium	1.4E-06±4 4E-07				65E.07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.OE-12:27E1 1	UI	v		7.7E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1 2E.11~25E.11	UI			3.7E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	37 E-11* 4.2E.1 1	UI			3.7E-11	µCi/mL	GP	EPIA-011

Wett HCA 4AA collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Europium-154	-2.7E-W*36E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013
0	Europium- 155	-5.1E-10±4.8E-09	UI			8.4E-09	µCi/mL	GP	EPIA-013
0	Gross lpha	3.3E-1U4.6E.1O	UI			9.1E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.7E-1W9.5E-1O	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.IE-w39E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	7.6E-10±1.1E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	3.6E-10±2.8E- 10				3.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-3.8E-09±8.4E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.2E.104.7E-10	UI			1.5E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	3.7E-10±1.7E-10	UI	V		1.7E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	9.8E-11*8.7E- 11	UI	v		1.3E.1O	µCi/mL	GP	EPIA-012
0	Potassium-40	2.5E-08±1.4E-08	UI			2.22-05	µCi/mL	GP	EPIA-013
0	Promethium-144	1.0E-09±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.2E-09±1.4E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1.0E-10±2.0E-10	UI			1.6E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	7.4E-09±1.1E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-9.7E-10±1.3E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.3E-1u3.3E-1o	UI			7.3E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.0E-09±6.9E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.3E.1M.8E-10	UI	v		4.6E- 10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.8E-10±1.6E-10	UI	v		2.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.9E-13±7.2E- 11	UI			2.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	0.0E+00	UI			1.0E-07	µCi/mL	GP	EPIA-013
0	Tin-113	2.1E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Tritium	1.3E-07±3.8E-07	UI			6.5E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.1E-10±7.6E-11	UI	v		1.OE-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-5.4E-12±2.8E-11	UI			9.22-11	µCi/mL	GP	EPtA-011
0	Uranium-238	6.4E-114.OE-1 1				3.2E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-1.8E-10±1.1E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	9. 1E-10±3.1E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	7.8E-10±2.7E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013

WELL HCA 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95
Depth to water: 65.1 ft (19.84 m) below **TOC**
Water elevation: 245.7ft(74.89 m) **msl**
pH: 10
Sp. conductance: 160 µS/cm
Turbidity: 2 NTI
Water evacuated from **the** watt prior **to sampling:** 49 gat

Time: 1000
Waler **temperature:** 27*C
Air temperature: 3.8°C
Alkalinity: 31 mg/L
Phenolphthalein alkalinity: 12 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	pH	10	J	o	L	0.010	pH	GE	EPA150. 1
0	Specilk conductance	156				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	69				1,000	mg/L	GE	EPA31o.1
2	Aluminum, total recoverable	1,430		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	20	J	E		50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	1.0	J	E		5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	2.2	J	E		5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	26		V		30	µg/L	GE	EPASO1OA
0	Banzane	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.19		v		3.0	µg/L	GE	EPA601oA
0	Boron, total recoverable	11	J	E		50	µg/L	GE	EPA601oA
0	Bromodichloromethane	<0 050				0.050	µg/L	GE	EPA5260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.35		v		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPASO1OA
0	Calcium, total recoverable	20,900				20	µg/L	GE	EPA501oA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	1,690		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.15				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chromium, total recoverable	1.6	J	E		4.0	µg/L	GE	EPA501OA
0	Cobalt, total recoverable	<40				4.0	µg/L	GE	EPA6l31oA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	1, 1-Dichloroethane	<0.050				0050	µg/L	GE	EPA8260

Well HCA 4B collected on 12127/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA5260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis- 1,3-Dichloropropene	<o 050				0.050	µg/L	GE	EPA5250
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	242				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA6010A
0	Lead, total recoverable	<s.0				5.0	µg/L	GE	EPA501OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA501oA
0	Magnesium, total recoverable	242				20	µg/L	GE	EPASO1OA
0	Manganese, total recoverable	5.3				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	0.039	J	E		0.20	µg/L	GE	EPA7470
0	Nickel total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate s nitrogen	338		I		10	µg/L	GE	EPA300.0
0	Nitrate-nitrite a nitrogen	3s0		v		50	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<s.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1250	<0.13				0.13	µg/L	GE	EPA5060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	3,390				500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Silica, total recoverable	11,500		iv		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA501OA
o	sodium, total recoverable	10,300		v		100	µg/L	GE	EPA6010A
0	Sulfate	4,420		I		1,000	µg/L	GE	EPA300.0
0	1,1 ,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	0.68				0.050	µg/L	GE	EPA5260
2	Thallium, total recoverable	4.4	J	E		5.0	µg/L	GE	EPA6010A
0	Toluene	<0.'14		v		0.50	µg/L	GE	EPAtt260
0	Total dissolved solids	62,000		v		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	201	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	5.2	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	1,770				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1 ,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	0.44				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA6260
0	Vanadium, total recoverable	11				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Actinium-228	6.4E-09±9.1E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Amerkium-241	-2.7E-12±9.1E-11	UI			3.3E-10	µCi/mL	GP	EPIA1011
0	Antimony-124	1.1E-09±2.5E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-8.2E-10±4.8E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1.2E-09±2.4E-09	UI			4.02-02	µCi/mL	GP	EPIA-013
0	Cerium-144	4.3E-09±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	9.3E-10±1.7E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.6E-09±2.2E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.2E-09±3.1E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.3E-09±2.3E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3.1E-10±1.8E-09	UI			34E-03	µCi/mL	GP	EPIA-013
0	Curium-242	3.8E-11±9.1E- 11	UI			22E-10	µCi/mL	GP	EPIA-011
0	Crrrtum-243/244	8.2E-11±1.5E- 10	UIJ	c		3.3E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-6.4E-12*1.3E-11	UI			2. OE-10	µCi/mL	GP	EPIA-011
0	Europium- 152	1.8E-09±5 5E-09	UI			8.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.3E-09±8.0E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Europium-155	4.7E-09±8.9E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-2. 1E-10*.4E- 10	UI			1.1E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	2.8E-10±1.1E-09	UI			1 9E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.8E-09±3.6E-09	UI			66E-03	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.5E-10±2.0E-09	UI			36E-02	µCi/mL	GP	EPIA-013
0	Neptunium-237	-2.2E-11±2.2E-11	UI			26E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	33E-0%1 2E-06	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	32E-09:9 3E- 10				1 4E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.4E-10±1.4E-10	UI	V		2 oE-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	2.0E-10±1.1E-10	UI	v		8.4E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	23E- 10*3.4E.O6	UI			33E-06	µCi/mL	GP	EPIA-013
0	Promethium-144	1.8E-09±1.7E-09	UI			34E-09	µCi/mL	GP	EPIA-013
0	Promethium-1 46	-1.7E-09±2.3E-09	UI			37E-cr2	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1 0E-10±2.0E-10	UI			1.5E-10	µCi/mL	GP	EPIA-01O

Well ttCA 4A collected m 12/27/25 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Cesium-134	-1.8E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.4E-10±2.2E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.0E-10±1.9E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1 .7E-09±2.2E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3.2E-10±1.7E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.2E-10±1.4E-10	UI			1.2E-10	µCi/mL	GP	EPtA-011
0	Curium-243/244	-4.4E-11±3.2E-11	UIJ	c		3. IE-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-5.5E-12±1.1E-11	UI			1.8E-10	µCi/mL	GP	EPtA-011
0	Europium-152	2.2E-09±5.5E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Europium-154	4.6E-11±5.0E-09	UI			9.3E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-7.2E-10±7.6E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6.2E-1M.1E.1O	UI			8.0E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-7.7E-10±1.2E-09	UI			1.9E-09	µCi/mL	GP	EPIA-006
0	Lead-212	5.7E-09±6.8E-09	UI			7.0E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-I. 1E-10±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-3.1E-11±3.1E-11	UI			4,OE-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-2.7E-09±1.4E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	6.8E-11*7.oE-1O	UI			1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	6.2E-11*0.8E-1 1	UI	v		1.7E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.4E-10±1.1E-10	UI	v		1.OE-10	µCi/mL	GP	EPIA-012
0	Potassium-40	5.0E-08±2.2E-08	UI			5.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.0E-09±2.1E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.9E-09±2.5E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1 .OE-104.OE-1O	UI			1.6E-10	µCi/mL	GP	EPWO1O
0	Ruthenium-106	3.6E-10±1.7E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.2E-12±1.8E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-4.6E-10±2.6E-10	UI			7.3E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-5.7E-10±7.0E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-4.8E-09±7.0E-09	UI			1.8E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.5E-11±1.4E-10	UI	v		3.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.8E-10±2.0E-10	UI	v		2.OE-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-7.8E-12*1.6E-11	UI			1.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	4.8E-06*16E-07	UI			1.9E-07	µCi/mL	GP	EPIA-013
0	Tin-113	2. 1E-09±2.5E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Tritium	-9.2E-08±3.9E-07	In			6.9E-07	µCi/mL	GP	EPIA-002
0	uranium-233f234	1.7E-10±8.4E-11	UI	v		6.3E-11	µCi/mL	GP	EPtA-011
0	Uranium-235	2.0E-11±2.9E-11	UI			3.0E-11	µCi/mL	GP	EPtA-011
0	Uranium-238	8.OE-114.7E-1 1				3.0E-11	µCi/mL	GP	EPtA-011
0	Yttrium-88	-1.1E-09±2.6E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1 .2E-09±3.6E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	7.4 E-10±4.1E-09	UI			6.6E-09	µCi/mL	GP	EPIA-013

WELL HCA 4AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/s5
Depth to water: 135.3 ft (4124 m)below TOO
Water **elevation:** 175.2 ft (53.4 m) msl
pH: 7
Sp. conductance: 1s0 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior 10 **sampling:** 52 gal

Time: 11:41
Water temperature: 32°C
Air temperature: 9.1°C
Alkalinity: 36 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Mauled
0	pH	6.9	J	o	L	0.010	pH	GE	EPA150.1
0	Specific conductance	171				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	74				1,000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	<40		v		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	<50				so	µg/L	GE	EPA350.1
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Arsenic, total recoverable	2.6	J	E		5.0	µg/L	GE	EPMO1OA
0	Barium, total recoverable	22		V		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601oA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.29		v		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPMO1OA
0	um tota ecov rable	30,100				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA6260
0	Chloride	2,460		v		250	µg/L	GE	EPA300 O
0	Chloride	2,490		v		250	µg/L	GE	EPA300.0

Wott HCA 4AA collected m 12/27/25 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	4.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	0.61	J	E		4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPASO1OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.0s0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.0s0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.0s0	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.0s0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPM260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	134				100	µg/L	t3E	EPA300.0
0	Fluoride	113				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	765				20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	0.46	J	E		2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	0.13	J	E		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.20				O.,m	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10					µg/L	GE	EPA6010A
0	Nitrate e S nitrogen	22		I		10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	<30		v		50	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPAs060
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0 13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	864				500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Silica, total recoverable	23,700		Iv		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPASO1OA
0	Sodium, total recoverable	2,010		V		100	µg/L	GE	EPA6010A
0	Sulfate	3,760		I		1,000	µg/L	GE	EPA300.0
0	Sulfate	3,010		I		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				0.0s0	µg/L	GE	EPA8260
2	Thallium, total recoverable	46	J	E		5.0	µg/L	GE	EPA6010A
0	Toluene	<0.15		v		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	104,000		V		5,000	µg/L	GE	EPA1 S0.1
0	Total organic carbon	251	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	6.3	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	250				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1:1 ,2-Trichloroethane	4.030				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.27	J	E		10	µg/L	t3E	EPA601oA
0	Zinc, total recoverable	33	J	E		5 0	µg/L	GE	EPMO1OA
0	Actinium-228	46E-LW4 1E-09	UI			8 2E-09	µCi/mL	GP	EPIA-013
0	A m h - 2 4 1	2.8E-11±6.7E-11	UI			2.4E-10	µCi/mL	GP	EPIA-011
0	Antimony- 124	-6.9E-11±16E-09	UI			27E-03	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.4 E-09±30E-09	UI			4.9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-1 .6E-10±1.5E-09	UI			2 3E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	4.5E-09*92E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.4E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	37E4W.2.5E-02				22E-03	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.4E-12±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.7E-10±1.4E-09	UI			26E.03	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.4 E-10±1.2E-09	UI			22E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-2.1E-11±2 2E-11	UI			23E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.2E-11±7.2E-11	UIJ	c		28E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-5.0E-12±1.0E-11	UI			1 6E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-2.4E-09±2 9E-09	UI			5 0E-09	µCi/mL	GP	EPIA-013

Well HCA 4 collected on 12/27/25 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lee	Method
o	1,1,2-Trichloroethane	<0. 10				0.10	µg/L	GE	EPA6260
2	Trichloroethylene	9.4				0.10	µg/L	GE	EPA8260
2	Trichlorofluoromethane	171	L			1.0	µg/L	GE	EPA6260
0	Vanadium, total recoverable	17				10	µg/L	GE	EPA601OA
0	Vanadium, total recoverable	18				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	166				5.0	µg/L	GE	EPA6010A
0	Zinc, total recoverable	163				5.0	µg/L	GE	EPA6010A
0	Actinium-228	4.8E-09±1.1E-08	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Americium-241	6.0E-11±1.3E-10	UI			3.2E-10	µCi/mL	GP	EPIA.011
0	Antimony-124	-1.4E-09±2.3E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.6E-09±5.3E-09	UI			9 3E-09	µCi/mL	GP	EPIA-013
0	Barium-133	2.6E-09±2.6E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	9.6E-10±1.4E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1 .7E-09±1.8E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.3E-09±7.8E-10	UI			2.62-03	µCi/mL	GP	EPIA-013
0	cobalt-57	-1.1E-09±1.8E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	cobalt-56	1.6E-09±2.1E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-so	1.0E-09±1.8E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.1E-11±1.5E-11	UI			1.s2-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	7.2E-11*1.1E-10	UU	c		2.3E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			9.7E-11	µCi/mL	GP	EPIA-011
0	Europium-152	2.9E-09±5.2E-09	UI			9.4E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-5.5E-09±4.4E-09	UI			6.4E-09	µCi/mL	GP	EPIA-013
0	Europium- 155	3.7E-09±7.1E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.1E-09±7.9E-10				5.1E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	7.4E.104.OE-10	UI			1.8E-09	µCi/mL	GP	EPIA-006
o	Lead-212	2.4E-09±5.9E-09	UI			6.5E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.6E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	6.2E-12*1.1E.10	UI			3.7E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	2.7E-09±1 .3E-06	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.6E-O6A.4E-10				1.62-06	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.4E-10±1.5E-10	UI	V		2.1E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.6E-10±1.0E-10	UI	v		8.8E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	3.5E-08±2.3E-08	UI			4.s2-06	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.3E-10±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1 .8E-09±2.3E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1.4E-09±4.0E- 10				1.6E-10	µCi/mL	GP	EPIA-o1O
0	Ruthenium-106	-2.7E-09±1.4E-08	UI			2.6E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.0E-09±1 .62-06	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.6E-104.OE-1O	UI			7.3E-10	µCi/mL	GP	EPIA-004
0	Technetium-22	4.9E-09±8.8E-09	UI			2.1E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	5.6E-104.OE-1O	UI	v		2.1E.1O	µCi/mL	GP	EPIA-012
0	Thorium-230	2.1 E-1*1.1E-1O	UI	v		1.OE-10	µCi/mL	GP	EPIA-012
0	Thorium-232	2.32-1 1*3.3E-11	UI			3.5E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	7.4E-09±9.2E-08	UI			1 .62-07	µCi/mL	GP	EPIA-013
0	Tin-113	1.5E-09±2.6E-09	UI			4.62-03	µCi/mL	GP	EPIA-013
2	Trilium	4.6E-05±1.4E-08				6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.8E-10±1.3E-10	UI	v		9.6E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.3E-13±3.2E-11	UI			9.8E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.LE-1w1.1E-1o				9.8E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-2.0E-09±1.9E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.8E-09±3.8E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013
0	zirconium-95	8.5E-11±3.8E-09	UI			6.9E-09	µCi/mL	GP	EPtA-013

WELL HCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sampl date: 12/27/95
Depth to water: 135.1 ft (41.18 m) below TOC
Water elevation: 175.6 ft (53.52 m) msl
pH: 6.8
Sp. conductance: 88 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 35 gal

Time: 11:10
Water temperature: 31°C
Air temperature: 7°C
Alkalinity: 72 mg/L
Phenolphthalein alkalinity: O mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.7	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	93				030	µS/cm	GE	EPA120.1
O	A alinity(asiCaCO3)aCO3l	36				1,000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	<107		v		20	µg/L	GE	EPA601oA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350. 1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	4.0	J	E		5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	15		v		3.0	µg/L	GE	EPA601oA

Well HCA 4A collected on 12/27/95 [cent)

F	Analyte	result	R	A	B	SOL	Unit	Lab	Method
o	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.080		v		3.0	µg/L	GE	EPA6010A
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.36		v		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	14,400				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,460		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	021				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	chromium, total recoverable	2.0	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
o	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPAs260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Fluoride	156				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	322				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	350				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	16				2.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601oA
0	Nitrate e a nitrogen	115	J	I	P	10	µg/L	GE	EPA300.0
0	Nitrate e a nitrogen	120	J	I	P	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	140		V		50	µg/L	GE	EPA353. 1
0	Nitrite s nitrogen	<50				5.0	µg/L	GE	EPA300.0
0	Nitrite s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCs 1018	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1221	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1232	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1242	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1248	<0.12				0.12	µg/L	GE	EPA8080
0	PCB 1254	<012				0.12	µg/L	GE	EPA8080
0	PCB 1260	<0.12				0.12	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	706				500	µg/L	GE	EPABO1OA
0	Selenium, total recoverable	<5.0				5.0	g/L	GE	EPA6010A
0	Silks, total recoverable	19,700		Iv		100	g/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,130		v		100	µg/L	GE	EPA601OA
0	Sulfate	2,190		I		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0 050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0050				0.050	g/L	GE	EPM260
0	Thallium, total recoverable	<5.0				5.0	g/L	GE	EPA601OA
0	Toluene	<0.16		v		0 50	g/L	GE	EPA8260
0	Total dissolved solids	55,000		v		5,000	g/L	GE	EPA160.1
o	Total organic carbon	<1,000				1,000	g/L	GE	EPA415.1
0	Total organic halogen	<10				10	g/L	GE	EPA9020B
0	Totaphosphates (as?)	750				50	g/L	GE	EPA365.4
0	1,1,1Trichloroethane	<0.050				0 050	g/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0050	g/L	GE	EPM260
0	Trichloroethylene	<0.050				0050	g/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	g/L	GE	EPA6260
0	Vanadium, total recoverable	1.5	J	E		10	g/L	GE	EPA6010A
0	Zinc, total recoverable	4.6	J	E		50	µg/L	GE	EPA6010A
o	Actinium-228	6.9E-10±8.7E-09	UI			1 4E-08	µCi/m	GP	EPIA-013
0	Americium-241	-3 3E-11±8 6E-11	UI			36E-10		GP	EPtA.011
0	Antimony - 124	-9.3E-10i24E-09	UI			4 1E-09		GP	EPIA-013
0	Antimony-125	4.OE-09i59E-09	UI			9 1E-09		GP	EPIA-013
0	Barium-133	-l.7E-loi22E 09	UI			4 0E-09		GP	EPIA-013
0	Cerium-144	-1 1E-08±14E-08	UI			2.3E-08		GP	EPIA-013

was HAA 50 collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Curium-242	7.0E-11±5.1E-11				5.2E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	5.7E-11*5.5E.1 1	UI			9.0E-11	µCi/mL	(3P	EPIAZ11
0	Curium-245/246	3.8E-12±1.7E-11	UI			4.8E-11	µCi/mL	GP	EPIA-011
0	Europium-152	8.4E-10±3.1E-09	UI			5.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.2E-09±3 SE-02	UI			6.2E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.9E-09±5.0E-09	in			9.0E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	5.1E-09±1.6E-09				1.3E-09	µCi/mL	GP	EPIA-001
1	Iodine-129	8.6E-10±1.0E-09	UI			1.9E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	6.8E-11±1.3E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	9.1E-10±1.9E-10				6.3E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	2.5E-10±9.0E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	6.7E-09±1.3E-09				1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.4E.1W.SE.1O	UI			S.8E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	6.2E-1*3.9E-1O				2.6E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	1.7E-08±1.5E-08	UI			3.0E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	3.2E-10±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.5E-10±1.5E-09	In			2.4E-09	µCi/mL	GP	EPIA-013
0	Radium, total ● w-arnntii	1.9E-09±5.0E-10				2.0E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	-2.8E-09±1.3E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	7.9E-10±1.3E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.3E-09±6.7E-10				O.OE-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.6E-09±7.9E-09	UI			1.9E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.1E-10±3.2E-10	UI	V		S.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.0E-10±1.7E-10	In	V		3.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	5.1E-11±1.2E-10	UI			2.7E.1O	µCi/mL	GP	EPIA-012
0	Thorium-234	2.2E-08±8.2E-08	UI			9.8E-08	µCi/mL	GP	EPIA-013
0	Tin-113	6.6E-10±1.5E-09	In			2.7E-09	µCi/mL	GP	EPIA-013
2	Tritium	2.0E-05±9.3E-07				6.6E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.8E-09±3.7E-10				1.0E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	6.3E-11±6.3E-11	UI			4.7E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.9E-09±3.7E-10				4.7E-11	µCi/mL	GP	EPIA-011
0	Yttrium-as	-6.1E-10±1.3E-09	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-9.9E-10±3.1E-09	UI			4.6E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-2.7E-10±2.5E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/95 Time: **8:44**
Depth to water: 41.45 ft (1.s3 m) **below** TOC **Water temperature: 30°C**
Water **elevation:** 269.25ft(S2.07 m) **msl** **Air temperature: 0.8°C**
pH: 5.6 **Alkalinity: 19 mg/L**
Sp. conductance: 5 2 µS/cm **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 384 NTU
Water evacuated from **the well** prior **to sampling:** 53 **gal**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.8	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	5.9	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	50				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	9.1				1*000	mg/L	GE	EPA31O.1
2	Aluminum, total recoverable	2,s20		v		20	µg/L	GE	EPASO10A
2	Aluminum, total recoverable	3,330		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	2.2	J	E		5.0	µg/L	GE	EPASO10A
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPASO10A
0	Arsenic, total recoverable	3.4	J	E		5.0	µg/L	GE	EPASO10A
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Barium, total recoverable	28		v		3.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	27				25	µg/L	GE	EPA6010A
0	Barium, total recoverable	27		v		3.0	µg/L	GE	EPASO10A
0	Benzene	<1.0				1.0	µg/L	GE	EPA8260
0	Beryllium, total recoverable	1.1	J	EV		3.0	µg/L	GE	EPABO10A
0	Beryllium, total recoverable	0.42	J	EV		3.0	µg/L	GE	EPA301OA
0	Boron, total recoverable	18	J	E		50	µg/L	GE	EPA601OA
0	Boron, total recoverable	13	J	E		50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Bromoform	<0.10				0.10	µg/L	GE	EPA8260
0	Bromomethane	<0.90		v		0.20	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.49	J	E		2.0	µg/L	GE	EPA6010A
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	2,630				20	µg/L	GE	EPA301OA
0	Calcium, total recoverable	2,670				20	µg/L	GE	EPA301OA

Well HCA 4 collected on 12/27/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<0.10				0.10	µg/L	GE	EPA8260
0	Chloride	3,0s0		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane	<0.20				0.20	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.20				0.20	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl● ther	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroform	0.54				0:10	µg/L	GE	EPA8260
0	Chloromethane	<0.20				0.20	µg/L	GE	EPA8260
0	Chromium, told recoverable	9.1				4.0	µg/L	GE	EPA6010A
0	Chromium, total recoverable	8.8				4.0	µg/L	GE	EPA6010A
0	Cobalt, total recoverable	2.8	J	E		4.0	µg/L	GE	EPA6010A
0	cobalt, total recoverable	2.5	J	E		4.0	µg/L	GE	EPA6010A
2	copper, total recoverable	1,470				4.0	µg/L	GE	EPA6010A
2	Copper, told recoverable	1,450				4,0	µg/L	GE	EPASO10A
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	1,1-Dichloroethane	4.10				0.10	µg/L	GE	EPA8260
0	1,2-Dichloroethane	0.44				0.10	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.10				0.10	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.10				0.10	µg/L	GE	EPA8260
0	Dichloromethane	1.0				1.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.10				0.10	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.10				0.10	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.10				0.10	µg/L	GE	EPA8260
0	Ethylbenzene	4.10				0.10	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	6,850				18	µg/L	GE	EPASO10A
2	Iron, total recoverable	8,300				18	µg/L	GE	EPA301OA
2	Lead, told recoverable	144				5.0	µg/L	GE	EPA601OA
0	Lead, told recoverable	<1s4		v		100	µg/L	GE	EPA601OA
2	Lead, total recoverable	145				5.0	µg/L	GE	EPASO10A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPASO10A
0	Lithium, total recoverable	<25				2s	µg/L	GE	EPASO10A
0	Magnesium, told recoverable	SOS				20	µg/L	GE	EPASO10A
0	Magnesium, total recoverable	808				20	µg/L	GE	EPASO10A
2	Manganese, total recoverable	63				2.0	µg/L	GE	EPA501OA
2	Manganese, told recoverable	62				10	µg/L	GE	EPA6010A
2	Manganese, total recoverable	63				2.0	µg/L	GE	EPASO10A
0	Mercury tota recove ble	0.59				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	9.6	J	E		10	µg/L	GE	EPASO10A
0	Nickel, total recoverable	16	J	E		25	µg/L	GE	EPA301OA
0	Nickel, total recoverable	9.4	J	E		10	µg/L	GE	EPA501OA
0	Nitrate e s nitrogen	1,350				200	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	1,530		v		so	µg/L	GE	EPA353 1
0	Nitrite e s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCs 1232	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12s4	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1220	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420 2
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, told recoverable	1,330				500	µg/L	GE	EPA6010A
0	Potassium, total recoverable	1,320				500	µg/L	GE	EPASO10A
0	Selenium, total recoverable	2.1	J	E		5.0	µg/L	GE	EPASO10A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPASO10A
0	Silica, total recoverable	12,300	J	Iv	P	100	µg/L	GE	EPASO10A
0	Silica, total recoverable	13,500	J	Iv	P	100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPASO10A
0	Silver, total recoverable	<25				25	µg/L	GE	EPASO10A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Sodium, total recoverable	4,050		v		100	µg/L	GE	EPA6010A
0	Sodium, total recoverable	4,000		v		100	µg/L	GE	EPA6010A
0	Sulfate	1,840		t		1,000	µg/L	GE	EPA300.0
0	1, 1,2,2-Tetrachloroethane	<0.10				0.10	µg/L	GE	EPA8260
2	Tetrachloroethylene	31				1.0	µg/L	GE	EPA8280
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
o	Toluene	0.36	J	EV		1.0	µg/L	GE	EPA8260
0	Total dissolved solids	<30,000		v		5,000	µg/L	GE	EPA1301
0	Total dissolved solids	<22,000		v		5,000	µg/L	GE	EPA160.1
o	Total organic carbon	<599		v		1,000	µg/L	GE	EPA415.1
1	Total organic halens	40				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	200				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.10				0.10	µg/L	GE	EPA8260

won HAA 6C collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA6260
0	Vanadium, total recoverable	1.2	J	E		10	µg/L	GE	EPA6010A
0	Zinc, total recoverable	<3.2		v		5.0	µg/L	GE	EPA601OA
0	Actinium-228	3.7 E-09±7.4E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-4.7E-12±5.1E-11	UI			1.2E-10	µCi/mL	GP	EPtA-011
0	Antimony-124	2.7E-09±2.3E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-4.5E-10±6.2E-09	UI			9.4E-09	µCi/mL	GP	EPIA-013
0	Barium-133	8.5E-10±2.8E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	7.8E-09±1.3E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
o	Cesium-134	-1.3E-10±2.0E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.6E-1O*1.SE-O2	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.5E-10±1.6E-09	UI			2. SE-OS	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.2E-10±2.1E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	cobalt-60	2.5E-10±1.8E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.8E-11±2.5E-11	UI			2.7E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.5E-11*5.OE-1 1	UI			1.OE-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.2E-11±2.5E-11	UI			6.2E-11	µCi/mL	GP	EPtA-011
0	Europium-152	-1.8E-09±5.6E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.4E-10±4.4E-09	UI			8.8E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-7.5E-1oA.9E-o6	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.4E-11*3.5E-1O	UI			9.0E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	6.3E-10±7.7E-10	UI			1.6E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.7E-09±5.7E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.8E-10±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.5E-11*4.4E-1 1	UI			8.8E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-6.8E-11*1.3E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile bata	1.2E-09±8.1E- 10	UI			1.6E-09	µCi/mL	GP	EPIA-001
o	Plutonium-238	4.3E-11*S OE-11	UI			4.32-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	7.7E-11~8.6E-l 1	UI			1.sE-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.1E-08±2.3E-08	UI			5.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.4E-09±1.8E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-9.1E-10±2.4E-09	UI			4.02-06	µCi/mL	GP	EPIA-013
0	Radium, total ● @ha-amitthg	0.0E+00±3.0E-10	UI			2.1E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	-1.3E-08±1.6E-08	UI			2.7E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.4E-10±1.6E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.4E.104.4E.1O	UI			1.0E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-5.8E-09±7.0E-09	UI			1.8E-08	µCi/mL	GP	EPIA-005
0	Thorium-226	6.oE-1W4.1E-1O	UI	v		4.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.8E-10±3.2E-10	UI	v		4.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	2.9E.11*1.1E.1O	UI			3.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	5.5E-08±1.1E-07	UI			1.6E-07	µCi/mL	GP	EPIA-013
0	Tin-113	3.4E-10±2.7E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Tritium	2.8E-07±4.1E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.oE-1oA.7E-11	UI			1.2E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.3E-11±1.5E-11	UI			1.1E-10	µCi/mL	GP	EPtA-011
0	Uranium-238	9.02-1 1*7.4E-11				4.5E-11	µCi/mL	GP	EPtA-011
0	Yttrium-88	-5.2E-10±2.3E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	zinc-65	-3.4E-09±4.6E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-6.OE-1O*3.2E-O6	UI			7.0E-09	µCi/mL	GP	EPIA-013

WELL HAA 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/22/s5
Depth to water: 16.26 ft (4s6 m) below TOC
Water elevation: 264,24 ft(S0.54 m) mat
pH: 4
Sp. conductance: 440 µS/cm
Turbidity: 33 NTU
Water evacuated from the welt **prior** to **sampling:** 10 gal

Time: 9:24
Water temperature: 21°C
Air temperature: 1.1°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	4.1	J	Q	L	0.010	pH	GE	EPA150.1
1	Specific conductance	484				0.30	µS/cm	GE	EPA120.1
1	Specific conductance	462				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	<1.0				1,000	mg/L	GE	EPA31o. 1
2	Aluminum, total recoverable	10,700		v		20	µg/L	GE	EPA601oA
o	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
O	Antimony, totarecoverable	<1.7		v		5.0	µg/L	GE	EPA601oA
O	Arsenic, total recoverable	7.9				5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	39		v		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA6260
1	Beryllium, total recoverable	2.9	J	E		3.0	µg/L	GE	EPA601OA
O	Boron, total recoverable	15	J	E		50	µg/L	GE	EPA601oA

Well HAA 6D collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	0.060	J	E		0.10	µg/L	GE	EPA5260
0	Cadmium, total recoverable	2.1				2.0	µg/L	GE	EPA601oA
0	Calcium, total recoverable	42,100				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,120				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinv chloride)	0.050	J	E		0.10	µg/L	GE	EPM260
0	2-Chloroethyl Vinyl ether	<1,0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA6260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	9.0				4.0	µg/L	GE	EPA601oA
2	cobalt, total recoverable	54				4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	36				4.0	µg/L	GE	EPMO1OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.50	J			0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	706				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	5.120				18	µg/L	GE	EPASO1OA
0	Lead, total recoverable	8.2				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	11,500		v		20	µg/L	GE	EPA601OA
2	Manganese, total recoverable	3,950				2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
1	Nickel, total recoverable	91				10	µg/L	GE	EPMO1OA
0	Nitrate e s nitrogen	824	J	Q	L	20	µg/L	GE	EPA300 O
0	Nitrate-nitrite as nitrogen	1,020		v		50	µg/L	GE	EPA3531
0	Nitrite e s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPMOSO
0	PCS 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 12S4	<0.13				0.13	µg/L	GE	EPA60S0
0	PCB 1260	<0.13				0.13	µg/L	GE	EPM060
0	Phenols	<s.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,140				500	µg/L	GE	EPA601oA
0	Selenium, tdat recoverable	<4.8		Iv		5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	29,4(H)		v		100	µg/L	GE	EPA6010A
o	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Sodium, total recoverable	2,870		v		100	µg/L	GE	EPA6010A
1	Sulfate	201,000				25,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	0.23	J	E		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	310,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	1,820		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	7.4	J	E		10	µg/L	GE	EPAS020B
0	Total phosphates (as P)	210				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	<0,050				0.050	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<050				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	14				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	329		v		5.0	µg/L	GE	EPA601oA
0	Actinium-228	3.3E-09±8.6E-09	UI			9.0E-09	µCi/m	GP	EPIA-013
0	Americium-241	4.2E-11±5.1E-11	UI			9.0E-11	µCi/m	GP	EPIA-011
0	Antimony-124	1.1E-09±1.3E-09	UI			25E-06	µCi/m	GP	EPIA-013
0	Antimony-125	-3.5E-09±3.0E-09	UI			42E-09	µCi/m	GP	EPIA-013
0	Barium-133	-5.9E-1o*1 4E-09	UI			2 4E-09	µCi/m	GP	EPIA-013
0	Cerium-144	-8.4 E-1O*9 1E-09	UI			1 6E-08	µCi/m	GP	EPIA-013
0	Cesium-134	6.5E-10±1.1E-09	UI			1.9E-09	µC	GP	EPIA-013
0	Cesium-137	2.5E-10±12E-09	UI			2 1E-09	µC	GP	EPIA-013
0	Cobalt-57	3.7E-10±1.2E-09	UI			2 1E-09	µC	GP	EPIA-013
0	cobalt-58	1 5E-10±1.3E-09	UI			2.4E-09	µC	GP	EPIA-013
0	Cobalt-60	69E-I&I.2E-09	UI			23E-09		GP	EPIA-013

Well HAA 6B collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	0.23	J	E		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	81,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1,010		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	13				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	370				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	0.19				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	0.040	J	E		0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	2.5	J	E		10	µg/L	GE	EPA601OA
0	zinc, total recoverable	<6.2		V		5.0	µg/L	GE	EPA301OA
0	Actinium-228	1.0E-09±5.6E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-3.4E-11*4.5E.1 1	UI			9.5E-11	µCi/mL	GP	EPIA-011
0	Antimony-124	2.7E-10±1.7E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	2.7E-09±3.7E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Barium-133	8.0E-10±2.0E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.8E-09±1. 1E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.9E-10±1.4E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.7E-10±1.7E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.1E-09±1.4E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.0E-09±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.4E-10±1.6E-09	UI			3.02-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.3E-11±2.6E-11	UI			4.9E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	-4.4E-12±4.7E-11	UI			9.0E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	-1.1E-11±1.3E-11	UI			4.1E-11	µCi/mL	GP	EPtA-011
0	Europium-152	-1 .4E-09±4.2E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.4E-09±4.1E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013
0	Europium-155	7.0E-09±7.9E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	-5.9E-11±1.8E-10	UI			7.0E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	7.1E-10±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-006
o	Lead-212	4. 1E-09±5.2E-09	UI			5.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.7E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	6.4E-1 1*5.32-11				6.2E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	2.0E-09±1.0E-08	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	4.7E-1(W.6E.1O	UI			1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.8E-10±1.3E-10	UI			1.8E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	7.8E-11±8.6E-11	UI			1.3E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.4E-08±1.9E-08	UI			3.92-00	µCi/mL	GP	EPIA-013
0	Promethium-144	2.7E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Promethium-148	-3.5E-10±2.0E-09	UI			3.3E-09	µCi/mL	(3P	EPIA-013
0	Radium, total ● *-emoting	2.0E-10±3.0E-10	UI			1.9E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	-9.5E-09±1.3E-08	UI			2.22-06	µCi/mL	GP	EPIA-013
0	Sodium-22	-5.0E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.9E-09±8.4E-10				8.7E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.1E-08±6.9E-09	UI			1.8E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.9E-10±3.1E-10	UI	V		3.9E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.3E-10±1.7E-10	UI	V		2.8E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	9.1 E-11* 1.4E-1O	UI			2.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	1.2E-07±7.4E-08	UI			1.3E-07	µCi/mL	GP	EPIA-013
0	Tin-113	t .5E-09±2.0E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Tritium	1.5E-08±4.4E-07				6.5E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.2E-1OA1.0E-1O	UI			1.2E-10	µCi/mL	t3P	EPtA-011
0	Uranium-235	3. SE-11 ~5.3E-I 1	UI			5.6E-11	µCi/mL	GP	EPtA-011
0	Uranium-238	1.3E-1u1.1E-1O	UI			1.4E-10	µCi/mL	GP	EPtA-011
0	Yttrium-66	8.9E-10±1.9E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	zinc-65	-8.1E-10±2.9E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.4E-09±3.0E-09	UI			5.1E-09	µCi/mL	GP	EPIA-013

WELL HAA 6C

MEASUREMENTS CONDUCTED IN THE FIELD

sample date 12/2295
Depth/otwater: 45.51 ft 13(17 m) below TOC
Water elevation: 235.291(71.72 m) msl
pH: 7
Sp. conductance: 160 µS/cm
Turbidity: 2 NTU
Water evacuated from the wett prior to sampling: 36 gal

Time: 932
Water temperature 17°C
Air temperature: 1.1 °C
Alkalinity: 45 mg/L
Phenolphalein alkalinity: o mg/L

Well HAA 6C collected on 12/22/95 (cont.)

ANALYSES

F	Analyte	Result	R	A	B	sol.	Unit	Lab	Method
1	pH	8.1	J	Q	L	0.010	pH	GE "	EPA150.1
0	Specific Conductance	190				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	66				1,000	mg/L	GE	EPA310. 1
0	Aluminum, total recoverable	<76		V		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	20	J	E		50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPAS01OA
0	Barium tot recoverable	26		V		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA601oA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	4.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	0.15				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	32,900				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,490				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	t3E	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.37				0.050	µg/L	GE	EPA8260
0	Chloromethane	0.050	J	E		0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	7.6				4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	4.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	4.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<1oo				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	85				18	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
1	Lithium, total recoverable	33				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	464		v		20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	4.9				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	1.6	J	E		10	µg/L	GE	EPA6010A
0	Nitrate● s nitrogen	463	J	IQ	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite● s nitrogen	430		V		50	µg/L	GE	EPA353.1
0	Nitrite● s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	Pcs 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	4.13				0.13	µg/L	GE	EPA8080
o	PCs 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potasssium, total recoverable	3,060				500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5 0		I		5.0	µg/L	GE	EPA6010A
0	Silica, total recoverable	14,400		v		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	4,550		v		100	µg/L	GE	EPA6010A
0	sulfate "	909	J	E		1,000	µg/L	GE	EPA300.0
0	1, 1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	0.070				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	025	J	E		0.50	µg/L	GE	EPA8260
0	Tdat dissolved solids	112,0cro				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	1,500		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	14				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	30	J	E		50	µg/L	GE	EPA365.4
0	Total phosphates (as P)	60				50	µg/L	GE	EPA365.4
0	1,1,1Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1 ,2-T richloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	1.5				0.050	µg/L	GE	EPA8260

Well HAA 6AA collected on 12/22/3S (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Toluene	0.17	J	E		0.50	µg/L	GE	EPA6260
0	Total dissolved solids	i 12,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	1,850		v		1,000	µg/L	GE	EPA415.1
0	Total organic carbon	1.670		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	8.2	J	E		10	µg/L	GE	EPA3020B
0	Total phosphates (as P)	100				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,1-Trichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	1, 1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1, 1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPM260
0	Vanadium, total recoverable	1.8	J	E		10	µg/L	GE	EPA601OA
0	Vanadium, total recoverable	1.3	J	E		10	µg/L	GE	EPA6010A
0	Zinc, total recoverable	<2.7		V		5.0	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<3.0		V		5.0	µg/L	GE	EPA601OA
0	Actinium-228	3.IE~52E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.8E.11*4.2E-1 1	UI			8.0E-11	µCi/mL	GP	EPIA-011
0	Antimony-124	8.4E-10±1.5E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.8E-09±4.4E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.1*E-09±2.1E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.2E-08±1.0E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	7.0E-10±1.2E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.4E-11±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.5E-10±1.4E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	cobalt-w	-2.2E-10±1.7E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.3E-10±1.5E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.0E+00	UI			0.0E+00	µCi/mL	(3P	EPIA-011
0	Curium-243/244	3.2E-11~3.1E-1 1	UI			5.1E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	-3.2E-12±6.4E- 12	UI			4.0E-11	µCi/mL	t3P	EPIA-011
0	Europium-152	1.1E-09±4.4E-09	UI			7.6E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.3E-09±4.1E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium- 155	2.8E-09±5.8E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-5.1 E-11*37E-10	UI			1.0E-09	µCi/mL	GP	EPIA-001
0	Iodine- 129	-2.7E-10±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	9.6E-10±3.6E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.5E-10±1.3E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	1.5E-10±9.0E-11				9.9E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	5.0E-10±1.0E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.5E-*9.7E-1O				1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	7.1E-11±9.9E-11	UI			2.OE-10	µCi/mL	(3P	EPIA-012
0	Plutonium-239/240	1.2E-10±9.0E-11				1.1E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.8E-w.0E-	UI			4.3E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-9.9E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.4E-09±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Radium, total ● @he-amttting	5.0E-10±3.0E-10				1.9E-10	µCi/mL	GP	EPIA-o1O
0	Ruthenium-106	-9.8E-09±1.3E-08	UI			2.2E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.7E-10±1.5E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	strontium-20	1.2E-OW7.5E-1O				1.0E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-8.7E-09±7.7E-09	UI			2.0E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	7.5E-10±4.7E-10	UI	V		5.OE-10	µCi/mL	GP	EPIA-012
0	Thorium-230	5.1 E-11* 1.2E.1O	UI	V		2.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	4.4E.11*1.2E.1O	UI			3.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	3.6E-08±1.3E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-8.3E-10±2.1E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Tritium	-1 .2E-07±3.7E-07	UI			6.6E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.8E-10±1.0E-10				ME-1 1	µCi/mL	GP	EPIA-011
0	Uranium-235	1.5E-11±3.1E-11	UI			4.6E-11	µCi/mL	GP	EflA-011
0	Uranium-238	7.6E-11*6.8E-1 1				4.6E-11	µCi/mL	GP	EPtA-011
0	Yttrium-63	1.1E-09±1.8E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	zinc-65	7.9E-10±3.0E-09	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	5.9E-10±2.8E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/22/95 Time: 11:59
Depth to water: 45.8 ft (13.96 m) below TOC Water temperature: 21°C
Water elevation: 235.2 (71.69 m) mat Air temperature: 5.6°C
pH: 6.6 Alkalinity: 18 mg/L
Sp. conductance: so µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 21 NTU
Water evacuated from the well prior to sampling: 40 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.9	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	98				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	34				1,000	mg/L	GE	EPA31o.1
2	Aluminum, total recoverable	521		v		20	µg/L	GE	EPA601oA
0	- / a nitrogen	<50				60	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<3.0		v		5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPMo1oA'
0	Barium, total recoverable	14		v		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.070	J	E		3.0	µg/L	GE	EPA601oA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601oA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPM260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	0.060	J	E		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	10,300				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPM260
0	Chloride	2,440				2s0	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPM260
0	Chloroethene (Vinyl chloride)	0.040	J	E		0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.12				0"050	µg/L	GE	EPA8260
0	Chloromethane	0050	J	E		0.10	µg/L	GE	EPM260
0	Chromium, total recoverable	1.0	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<4.0				40	µg/L	GE	EPA601OA
0	Copper, total recoverable	0.84	J	E		4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.51				0.50	µg/L	GE	EPM260
0	1,2-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPM260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Fluoride	205				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	333				10	µg/L	GE	EPA601oA
0	Lead, total recoverable	1.5	J	E		5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	253		v		20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	11				2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate e a nitrogen	1,110	J	Q	L	50	µg/L	GE	EPA300 O
0	Nitrate as nitrogen	1,120	J	Q	L	50	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	1,210		v		50	µg/L	GE	EPA3531
0	Nitrite as nitrogen	19	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
o	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPM060
o	PCB 1254	<0,13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,210				500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<1.8		IV		5.0	µg/L	GE	EPA60 10A
0	Silica, total recoverable	11,700		v		100	µg/L	GE	EPA6010A
0	Silver, total recoverable	<20				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	7,650		v		100	µg/L	GE	EPA6010A
0	Sulfate	3,160				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0050				0.050	µg/L	GE	EPA6260

Well HAA 6A collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Tin-113	7.1E-10±2.6E-09	UI			4.6E-09	µCi/mL	GP	EPIA-013
o	Tin-113	2.3E-09±2.4E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013
O	Tritium	-4.4E=07s37E-07	UI			6.8E-07	µCi/mL	GP	EPIA-002
O	Tritium	-2.9E-07±3.8E-07	UI			6 8E-07	µCi/mL	GP	EPIA-002
O	Uranium-233/234	1.7E-10±7.8E-11				5.4E-11	µCi/mL	GP	EPIA-011
O	Uranium-235	2.6E.11*3.OE.1 1	UI			2.6E-11	µCi/mL	GP	EPIA:O11
0	Uranium-238	1.2E-1W6.5E-11				2.6E-11	µCi/mL	GP	EPtA-011
O	Yttrium-88	2.0E-09±2.4E-09	UI			5.1E-09	µCi/mL	GP	EPIA-013
O	Yttrium-88	-1.0E-09±2.2E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
o	zinc-M	1.5E-09±3.7E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-5.4E-10±3.9E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.5E-09±3.2E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	8.2E-10±3.7E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013

WELL HAA 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale **12/22/95** **Time: 11:51**
Depth to water: 103 **ft (31.39m) below TOC** **Water temperature: 21°C**
Water **elevation:** 178.4 **ft** (5488m) mai **Air temperature: 5.5°C**
pH: 6.4 **Alkalinity: 2 mg/L**
Sp. conductance: 120 µS/cm **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 55 gal

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	7.8	J	o	L	0.010	pH	GE	EPA150.1
0	Specific conductance	157				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	60				1,000	mg/L	GE	EPA310.1
0	Aluminum, total recoverable	<38		V		20	µg/L	GE	EPA601OA
0	Aluminum, total recoverable	<52		V		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<1.8		v		5.0	µg/L	GE	EPA6010A
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPMo1oA
0	Arsenic, total recoverable	<5 0				5.0	µg/L	GE	EPMO1OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Barium, total recoverable	28		V		3.0	µg/L	GE	EPMO1OA
0	Barium, total recoverable	27				25	µg/L	GE	EPABO1OA
0	Barium, total recoverable	28		v		3.0	µg/L	GE	EPA601oA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.61	J	E		3.0	µg/L	GE	EPMO1OA
0	Beryllium, total recoverable	0.052	J	E		3.0	µg/L	GE	EPMo1OA
0	Boron, total recoverable	13	J	E		50	µg/L	GE	EPAsO1OA
0	Boron, tdat recoverable	<50				50	µg/L	GE	EPMO1OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.54	J	E		2.0	µg/L	GE	EPMO1OA
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPMO1OA
0	Calcium. total recoverable	22,7(E3				20	µg/L	GE	EPMO1OA
0	Calcium. total recoverable	23.100				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,160		v		250	µg/L	GE	EPA300.0
0	Chloride	2,020		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA52s0
0	Chloroethene Vinyi chloride	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene |V I chloride|	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl viny'ether	<1.0				1.0	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chloromethane	0.040	J	E		0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA

Well HAA 6AA collected on 13/22/95 (cont.)

F	Analyte	Result	R	A	B	sol.	Unit	Lab	Method
0	Cobalt, total recoverable	0.s4	J	E		4.0	µg/L	GE	EPASO1OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPMO1OA
0	Copper, total recoverable	44,0				4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPM260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.60				0.50	µg/L	GE	EPA8260
0	Dichloromethane	0.47	J	E		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloropropane	4.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				o. w	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	82	J	E		100	µg/L	GE	EPA300.0
0	Fluoride	86	J	E		100	µg/L	GE	EPA300.0
1	hon. total recoverable	150				18	µg/L	GE	EPA501oA
1	Iron, total recoverable	155				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lead, total recoverable	<100				100	µg/L	GE	EPABO1OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	24	J	E		25	µg/L	GE	EPMO1OA
0	Lithium, total recoverable	24	J	E		25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	432		V		20	µg/L	GE	EPMO1OA
0	Magnesium, total recoverable	444		V		20	µg/L	GE	EPASO1OA
1	Manganese, tdat recoverable	37				2.0	µg/L	GE	EPABo1oA
1	Manganese, total recoverable	39				10	µg/L	GE	EPA601oA
1	Manganese, total recoverable	38				2.0	µg/L	GE	EPA6010A
0	Mercury tot scover ble	<0.20				0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPASO1OA
0	Nickel, total recoverable	<25				25	µg/L	GE	EPMO1OA
0	Nickel, total recoverable	<lo				10	µg/L	GE	EPA6010A
0	Nitrate es nitrogen	<10	J	IQ	L	10	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	<10	J	IQ	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	<10		V		50	µg/L	GE	EPA3531
0	Nitrite es nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1232	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1242	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1264	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12S0	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	2,310				500	µg/L	GE	EPA601oA
0	Potassium, total recoverable	2,330				500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<2.3		IV		5.0	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<2.2		IV		5.0	µg/L	GE	EPA6010A
0	Silica, Idol recoverable	33,500		V		100	µg/L	GE	EPA601OA
0	Silica, total recoverable	33,900		V		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2,0				2.0	µg/L	GE	EPA601OA
0	Silver, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPMO1OA
0	Sodium, total recoverable	5,220		v		100	µg/L	GE	EPA601oA
0	Sodium, total recoverable	5,350		v		100	µg/L	GE	EPA601oA
0	Sulfate	9,430				1,000	µg/L	GE	EPA300 O
0	Sulfate	9,420				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1, 1,2,2-Tetrachloroethane	<0.050				0050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0 0s0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0050	µg/L	GE	EPA8260
2	Thallium, total recoverable	28	J	E		5 0	µg/L	GE	EPA6010A
0	Thallium, total recoverable	<5.0				5 0	µg/L	GE	EPA6010A
0	Toluene	0.23	J	E		050	µg/L	GE	EPA8260

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	[Ameri]cium-241	...E-09±1 1E-08		V		10	µg/L	GE	EPA8260
0	Antimony-124	1.8E-11±4.3E-11	UI			5.0	µg/L	GE	EPA8260
0	Antimony-125	-3.3E-11±4.8E-11	UI			1.2E-08	µg/L	GE	EPA6010A
0	Barium-133	-9.1E-10±1.6E-09	UI			1.0E-10	µCi/mL	GP	EPA6010A
0	Cerium-144	4.8E-10±4.1E-09	UI			2 0E-10	µCi/mL	GP	EPIA-013
0	Cesium-134	1.2E-09±2.1E-09	UI			2.8E-09	µCi/mL	GP	EPIA-011
0	Cesium-137	-2.8E-09±1.1E-08	UI			7.0E-09	µCi/mL	GP	EPIA-011
0	Cobalt-57	-8.6E-10±1 5E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.8E-10±1.7E-09	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.1E-09±1.9E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Curium-242	2.4E-11±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
		2.2E-11±1.5E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
		7.4E-12...	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Bromoform	<0.050				0.050	µg/L	GE	EPIA-013
O	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
O	Cadmium, total recoverable	0.45	J	E		2.0	µg/L	GE	EPA6010A
O	Cadmium, total recoverable	0.25	J	E		2.0	µg/L	GE	EPA6010A
O	Calcium, total recoverable	14,300		V		20	µg/L	GE	EPA6010A
O	Calcium, total recoverable	14,300		v		20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,470		v		250	µg/L	GE	EPA300.0
O	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
o	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
O	Chloroethene (Viny chloride)	<0.10				0.10	µg/L	GE	EPA8260
o	2-Chloroethyl Viny ● ther	<1,0				1.0	µg/L	GE	EPA6260
O	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
O	Chloromethane	4.10				0.10	µg/L	GE	EPA8260
O	Chromium, total recoverable	3.2	J	E		4.0	µg/L	GE	EPA601OA
O	Chromium, Idol recoverable	3.0	J	E		4.0	µg/L	GE	EPMO1OA
O	Cobalt. total recoverable	1.3	J	E		4.0	µg/L	GE	EPMo1OA
o	cobalt. total recoverable	0.67	J	E		4.0	µg/L	GE	EPA601OA
O	Copper, total recoverable	1.5	J	E		4.0	µg/L	GE	EPA601OA
O	Copper, total recoverable	1.2	J	E		4.0	µg/L	GE	EPA6010A
O	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
o	1 ,2-Dichloroethane	4.050				0.050	µg/L	GE	EPA8260
O	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
O	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
O	Dichloromethane	<0.50				0.60	µg/L	GE	EPA8260
o	1,2-Dichkopropane	<0.050				0.050	µg/L	GE	EPA8260
o	cis-1,3-Dichxoropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
O	Fluoride	161				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	775				16	µg/L	GE	EPA601OA
2	Iron, total recoverable	762				18	µg/L	GE	EPA601OA
O	Load, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
O	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
O	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
O	Magnesium, Idol recoverable	623				20	µg/L	GE	EPA6010A
O	Magnesium, total recoverable	624				20	µg/L	GE	EPA6010A
2	Manganese, total recoverable	324		v		2.0	µg/L	GE	EPA601OA
2	Manganese, total recoverable	329		v		2.0	µg/L	GE	EPA601OA
O	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
O	Nickel, told recoverable	3.2	J	E		10	µg/L	GE	EPMO1OA
O	Nickel, total recoverable	3.0	J	E		10	µg/L	GE	EPA601OA
O	Nitrate ● s nitrogen	180	J	Q	L	10	µg/L	GE	EPA300.0
O	Nitrate ● s nitrogen	171	J	Q	L	10	µg/L	GE	EPA300.0
O	Nitrate-nitrite ● s nitrogen	170		V		50	µg/L	GE	EPA353.1
O	Nitrite ● s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300 O
O	Nitrite ● s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
o	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
O	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1246	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	c1		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
O	Potassium, Idol recoverable	675		v		500	µg/L	GE	EPA6010A
O	Potassium, total recoverable	668		v		500	µg/L	GE	EPA6010A
O	Selenium, total recoverable	<1.6		v		5.0	µg/L	GE	EPA6010A
O	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
O	Silica, total recoverable	25,300	J	CV		100	µg/L	GE	EPA601OA
O	Silica, total recoverable	24,200	J	CV		100	µg/L	GE	EPA601oA
O	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
O	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
O	Sodium, total recoverable	4,660		v		100	µg/L	GE	EPA601OA
O	Sodium, total recoverable	5,040		v		100	µg/L	GE	EPA601OA
O	Sulfate	3,470				1,000	µg/L	GE	EPA300.0
O	1, 1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
O	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
O	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
2	Thallium, total recoverable	3.6	J	E		5.0	µg/L	GE	EPA601OA
O	Toluene	<0.090		v		0.50	µg/L	GE	EPM260
O	Total dissolved solids	72,000	J	c		5,000	µg/L	GE	EPA160.1
O	Total organic carbon	<1,160		v		1,000	µg/L	GE	EPA415.1
O	Total organic halogens	3.1	J	E		10	µg/L	GE	EPA9020B

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	6.8	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	6.8	J	Q	L	0 010	pH	GE	EPA150.1
0	Specific conductance	103				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	39		V		1,000	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	40		V		1,000	mg/L	GE	EPA310.1
2	Aluminum, total recoverable	64				20	µg/L	GE	EPA6010A
2	Aluminum, total recoverable	78				20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	20	J	E		50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5 0				5.0	µg/L	GE	EPA6010A
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	4 6	J	E		5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	6.3				5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	66				5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	67				3.0	µg/L	GE	[illegible]
0	Benzene	[illegible]							
0	1,1,1-Trichloroethane	[illegible]							
0	1.1 ,2-Trichloroethane	<0.050							
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
o	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	1.5	J	E		10	µg/L	GE	EPA6010A
0	Vanadium, total recoverable	1.4	J	E		10	µg/L	GE	EPA6010A
0	Zinc, total recoverable	<8.1		v		5.0	µg/L	GE	EPA6010A
0	Zinc, total recoverable	<6.6		v		5.0	µg/L	GE	EPA6010A
0	Actinium-228	3.5E-09±1.1E-08	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	3.0E-09±7.1E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Americium-241	4.6E-11*4.2E 11	UI			6.1E-1 1	µCi/mL	GP	EPIA-011
0	Antimony- 124	4.4 E-10±2.0E-09	UI			38E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	7.1E-10±2.2E-09	UI			3.7E-06	µCi/mL	GP	EPIA-013
0	Antimony-125	62E-o&5.tE-09	UI			98E-06	µCi/mL	GP	EPIA-013
0	Antimony-125	6 8E-10±4.4E-09	UI			8.2E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.9E-11±2.5E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Barium- 133	-2.4E-06A25E-02	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.3E-09±1.3E-08	UI			22E-06	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.1E-09±1.3E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	7.0E-10±1.6E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	9.5E-12±2.1E-09	UI			33E-06	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.6E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-6.2E-10±1.8E-09	UI			3. 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	65E-Itil 6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.6E-10±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-7.0E-10±2.2E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	cobalt-se	-1.2E-1O*1.6E-O2	UI			3.3E-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.5E-10±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.9E-10±1 8E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Curium-242	7.4E-12*3OE-11	UI			7.3E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.2E-1IA.6E-11	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.4E-11±2.0E-11	UI			2.1E-11	µCi/mL	GP	EPI~-011
0	Europium-152	-2.7E-09±5.8E-09	UI			9.7E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.3E-09±4.9E-09	UI			8.6E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-4.0E-09±4.6E-09	UI			7. 1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.8E-09±4.9E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-5.6E-09±6.8E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.3E-09±7.2E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6 6E-10±5.7E-10	UI			9.2E-10	µCi/mL	GP	EPIA-001
1	Iodine-129	9.8E-10±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-006
1	Iodine-129	9.5E-1W7.8E-1O	UI			1.5E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.8E-09±5.7E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013
0	Lsrad-212	1.4E-09±5.3E-09	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	4.3E-11±1.7E-09	UI			32E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-5.6E-1O*1.8E-O9	UI			3. 1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-2.5E-14±3.3E-11	UI			1.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-237	3.6E-11±7.7E- 11	UI			1.7E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-4.5E-09±1 2E-08	UI			2.1E-08	µCi/mL	GP	EPtA-013
0	Neptunium-239	-8.5E-09±1 .2E 06	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	9.2E-10±7.9E-10	UI			1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-236	3.8E-1W2.9E-1O	UI	V		4.4 E- 10	µCi/mL	GP	EPIA-012
0	Plutonium-238	1.8E-10±1 3E-10	UI	V		6.6E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	2.6E-10±2.0E-10				1.9E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.oE-06*35E-10				2.OE-10	µCi/mL	GP	EPIA-012
0	Potassium-40	1.7E-08±3.8E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	1 3E-08±2.0E-08	UI			3. 0E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	5 1E-10±1.8E-09	UI			33E-03	µCi/mL	GP	EPIA-013
0	Promethbrn-144	49E-IW1 7E-09	UI			32E-06	µCi/mL	GP	EPIA-013
0	Promethium-146	65E-1 142E-03	UI			36E-06	µCi/mL	GP	EPIA-013
0	Promethium-146	2.5E-10±2.3E-09	UI			42E-03	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	-1.0E-10±2.0E-10	UI			1.9E-10	µCi/mL	GP	EPIA-010
0	Ruthenbrn-106	-9 1E-10±1 6E-08	UI			29E-06	µCi/mL	GP	EPIA-013
0	Ruthenium- 106	-1 4E-08±1.7E-08	UI			2.7E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.4E-09±1.7E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	1.0E-09±1.7E-09	UI			36E-06	µCi/mL	GP	EPIA-013
0	Strontium-90	-5 2E-10±2 6E 10	UI			6.9E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-6 6E49*62E-09	UI			2.1E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-4.4E-11±2.7E-11	UI			1 7E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	1.6E-11±7.4E-11	UI			1.9E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1 6E-10±11E-10	UI	V		9.8E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	1 4E-10±1 1E-10	UI	V		1 5E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1 2E-11±3 2E-11	UI			8 3E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	3.0E-11±5.3E-11	UI			1 1E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	56E-08*6 7E-08	UI			1 3E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	62E46*1 2E-07	UI			1 3E-07	µCi/mL	GP	EPIA-013

Well NAA 5C collected on 12/19/25 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	5,890				20	µg/L	GE	EPMO1OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,020				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
1	Chromium, total recoverable	71				4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverrable	2.6	J	E		4.0	µg/L	GE	EPMO1OA
0	Copper, tota recover ble	1.1	J	E		4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.42		V		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	6,240		I		18	µg/L	GE	EPA6010A
0	Lead, total recoverable	6.2				50	µg/L	GE	EPMo1OA
0	Lithium, total recoverable	23	J	E		25	µg/L	GE	EPMO1OA
0	Magnesium, total recoverable	1,560				20	µg/L	GE	EPA601OA
2	Manganese, total recoverable	140				2.0	µg/L	GE	EPMO1OA
1	Mercury, total recoverable	1.1		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	44				10	µg/L	GE	EPA601OA
0	Nitrate as nitrogen	<lo				10	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	<lo		V		50	µg/L	GE	EPA353.1
0	Nitrite e s nitrogen	<50				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8060
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8060
0	PCS 1260	<0.13	J	cl		0.13	µg/L	GE	EPA8060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	2,860				500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<6.4		V		5.0	µg/L	GE	EPMO1OA
0	Silica, total recoverable	14,600		IV		100	µg/L	GE	EPMO1OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	16,200		V		100	µg/L	GE	EPMO1OA
0	Sulfate	47,400				5,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
2	Thallium, total recoverable	3.9	J	E		5.0	µg/L	GE	EPMO1OA
0	Toluene	<0.20		V		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	91,000				5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	89,000				5,000	µg/L	GE	EPA160.1
o	Total organic carbon	525	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	6.8	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	90				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	7.4	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	33		V		5.0	µg/L	GE	EPA601OA
0	Actinium-228	36E-oW1 1E-08	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.8E-1 1*4.3E-11	UI			1.oE-10	µCi/mL	GP	EPIA-011
0	Americium-241	-3.iE-11:4.6E- 11	UI			2.0E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	-9. 1E-10*1 .6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	4.8E-10±4.1E-09	UI			7.0E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.2E-09±2.1E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.8E-09±1 1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.6E-10±1 5E-09	UI			25E-03	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.8E-10±1.7E-09	UI			27E03	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.1E-09±1.9E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	2.4 E-11±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.2E-11±1.5E-09	UI			29E-02	µCi/mL	GP	EPIA-013
0	Curium-242	7.4 E-12*3 .2E-11	UI			9.6E-11	µCi/mL	GP	EPIA-011

Well HAA 5C collected on 12/19/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Curium-242	-9.8E.12*1.4E.11	UI			1.2E-10	µCi/mL	GP	EPtA-011
0	Curium-243/244	-2.8E.114.OE-1 1	UI			1.OE-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-7.0E-12±8.2E-11	UI			2.3E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-7.5E-12*1.lE-11	UI			9.2E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	-4.7E-12±9.4E-12	UI			9.7E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.7E-09±4.5E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.8E-09±4 0E-09	UI			8.0E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.9E-09±5 6E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	6.8E-09±1.5E-09				1.2E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	43E.Itil.oE-oe	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	o 0E+00	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.5E-09±1 6E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	3OE.11*.3E.11	UI			1.4E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	4.5E-09±9.9E-09	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	4.8E-09±1 4E-09				2.5E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1,7E-1oA4.3E.1o	UI			1.1E-09	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	-1.3E-11±2.8E-11	UI			4.8E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	1.4E-08±2.7E-08	UI			2.6E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-5.5E-10±1.3E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.2E-10±2.0E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	8.9E-09±1.2E-09				4.0E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	-9.1E-09±1.4E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.0E-09±1.4E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.1E-09±6.6E-10				O.5E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.9E-09±8.4E-09	UI			2.1E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	1.3E-10±1.1E-10	UI			1.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.3E-10±9.4E-11	UI	v		9.7E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	7.7E-11±6 9E-11				4.6E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	3. 1E-08±7.9E-08	UI			1 2E-07	µCi/mL	GP	EPIA-013
0	Tin-113	1.3E-10±2.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Total activity	3.6E-06±1.3E-05	UI			1.5E-06	µCi/mL	EM	3Q14-1420
0	Tritium	4.9E-07±4.2E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.9E-10±8.7E-11	UI	v		3.0E-11	µCi/mL	GP	EPIA-011
0	Uranium-233/234	2.1E-l@9.OE-11	UI	v		5.8E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	9.9E-12±2.0E-11	UI			3.0E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	9.3E-12±1.9E-11	UI			2.9E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.5E-1*7.7E-11				3.0E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	8.3E-11±5.6E-11				2 8E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	3.1E-10±1.4E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.3E-10±3.1E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1 .7E-09±2.9E-09	UI			5.0E-09	µCi/mL	GP	EPIA-013

WELL HAA 6A

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: 12/21/s5 Time: 14:25
Depth to water: 102.5 ft (3124 m) below TOC Water temperature: 20°C
Water elevation: 178.8 ft (54.5 m) msl Airtemperature: 7.5°C
pH: 5.8 Alkalinity: 120 mg/L
Sp. conductance: 60 µS/cm Phenolphthalein alkalinity: o mg/L
Turbidity: 16 NTU
Water evacuated from the well prior to sampling 33 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	6.8	J	Q	L	0010	pH	G E	EPA150.1
0	pH	6.8	J	Q	L	0.010	pH	G E	EPA150.1
0	Specilk conductance	103				0.30	µS/cm	G E	EPA120.1
0	Alkalinity as CaCO3	39		v		1,000	mg/L	GE	EPA31O.1
0	Alkalinity as CaCO3|	40		v		1,000	mg/L	GE	EPA31O. 1
2	Aluminum, total recoverable	64				20	µg/L	GE	EPMO1OA
2	Aluminum, total recoverable	78				20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	20	J	E		50	µg/L	G E	EPA350.1
0	Antimony, total recoverable	<5 0				5 0	µg/L	GE	EPA601OA
0	Antimony, total recoverable	<5.0				50	µg/L	GE	EPA501OA
0	Arsenic, total recoverable	4 6	J	E		5.0	µg/L	GE	EPA601OA
0	Arsenic, Idol recoverable	6.3				50	µg/L	GE	EPA601OA
0	Barium, total recoverable	66				30	µg/L	GE	EPA601OA
0	Barium, total recoverable	67				3 0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0 50	µg/L	GE	EPA6260
0	Beryllium, total recoverable	036	J	E		30	µg/L	GE	EPA601OA
0	Beryllium, total recoverable	0.14	J	E		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	G E	EPA6010A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA6260

Well HAA 5A collected on 12/19/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601oA
0	Bromodichloromethane	<0050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA6260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<0.10		v		2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	43,800				20	µg/L	GE	EPMO1OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,460				250	µg/L	GE	EPA300.0
0	Chloride	2,520				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chloroethene (\iny chloride)	<0.10				0.10	µg/L	GE	EPAS260
0	2-Chloroethyl vinylether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	4.050				0.050	µg/L	GE	EPAS260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	chromium, total recoverable	0.74	J	E		4.0	µg/L	GE	EPMO1OA
0	cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPMO1OA
0	copper, total recoverable	<4.0				4.0	µg/L	GE	EPMO1OA
0	Cyanide	1.6	J	E		10	µg/L	GE	EPA335.3
0	Dibromochlorom th ne	<0.050				0.050	µg/L	GE	EPA8260
0	1,1 ·Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.53		v		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPM260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA62S0
0	Fluoride	127				100	µg/L	GE	EPA300.0
0	Fluoride	119				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	81		I		18	µg/L	GE	EPMO1OA
0	Lead, total recoverable	<100				100	µg/L	GE	EPASO1OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	1,100				20	µg/L	GE	EPA6010A
0	Manganese, total recoverable	6.4	J	E		10	µg/L	GE	EPA6010A
0	Manganese, total recoverable	7.3				2.0	µg/L	GE	EPMO1OA
0	Mercury, total recoverable	<0.022		v		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Nitrate ● s nitrogen	<lo				10	µg/L	GE	EPA300.0
0	Nitrate ● t nitrogen	<lo				10	µg/L	GE	EPA300.0
0	Nitrate-nitrite ● s nitrogen	<20		v		50	µg/L	GE	EPA353.1
0	Nitrite ● s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	Nitrite ● s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1232	<0. t 3				0.13	µg/L	GE	EPM060
0	PCB 1242	<0,13				0.13	µg/L	GE	EPM060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPASOS0
0	PCB 1254	<0. t 3				0.13	µg/L	GE	EPAS060
0	PCB 1260	<0.13	J	Cl		0.13	µg/L	GE	EPA6060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	911				500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Silica, total recoverable	20,600		iv		100	µg/L	GE	EPMO1OA
0	Silver, total recoverable	<25				25	µg/L	GE	EPASO1OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	1,880		v		100	µg/L	GE	EPA601OA
0	Sulfate	1,260				1,000	µg/L	GE	EPA300.0
0	Sulfate	1,260				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	<0.14		v		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	132,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	2,160				1,000	µg/L	GE	EPA415.1
0	Total organic halogens	6.3	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	360				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	Trichloroethylene	0.060				0.050	µg/L	GE	EPM260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA6260
0	Vanadium,total recoverable	0.69	J	E		10	µg/L	GE	EPMo1oA
0	Zinc, total recoverable	<6.1		V		5.0	µg/L	GE	EPA601OA

Well HAA 5A collected on 12/19/95 (cent)

F	Analyte	Result	R	A	B	SQ	Unit	Lab	Method
0	Actinium-228	s. 1 E-09±5.9E·09	UI			1.1E-08	µCi/mL	t3P	EPIA-013
0	Americium-241	-4.4 E·12±3 SE-11	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	-1 8E·12±2.0E·09	UI			3.2E-09	µCi/mL	GP	EPIA413
0	Antimony-125	-2.1E·09±4.1E·09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Barium-133	48E-lti2.4E4)2	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	32E-03il.IEo3	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	6.6E·10±2.1E·09	UI			26E:OS	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.3E-1O*1.6E-O2	UI			27E-02	µCi/mL	GP	EPIA-013
0	cobalt-57	1 9E·09±1.5E·09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.2 E·10±1.7E·09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.1E·09±1.7E·09	UI			3 SE-OS	µCi/mL	GP	EPIA-013
0	Curium-242	2.0E·11*47E.11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	4 IE-11*7.2E-11	UI			1.5E-10	µCi/mL	GP	EPIA-011
0	Curiurn-245i246	O. 0E+00	UI			4.6E-11	µCi/mL	GP	EPIA-011
0	Europium-152	4.8E-lti47E-06	in			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	5.4E·09±3.4E·09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.5E-09A59E-02	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	5.7E·10±4 SE-10	UI			8.7E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	3.4E·09±1.5E·09				1.5E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.2E·09±4.1E·09	UI			4.7E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.4E·10±1.5E·09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.6E-11*4.5E-1 1	UI			8.8E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-8.5E-09±1.0E-08	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	7.2E-1OA4l. 1E·10	UI			1.3E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-5.9E·12±9.3E·11	UI			3.OE-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	0.0E+00	UI			9.1E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	3.5E·08±1.9E·08	UI			4.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	5.3E·10±1.5E·09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.1E·10±2.0E·09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Radium, total ● @ha-arnitting	1.0E- 1083.OE-10	UI			4.0E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	-8. 1E·09±1.2E·08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.9E·09±1.2E·09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.5E·10±4.0E·10	UI			9.6E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	6.4E·10±8.2E·09	UI			2.0E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.6E·11±5.2E·11	UI			9.2E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	1.4E·10±9.1E· 11	UI	v		4.3E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-3.6E·12±7.3E· 12	UI			7.6E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	4.9E·09±1.1E·07	UI			1.32-07	µCi/mL	GP	EPIA-013
0	Tin-113	2.4E·10±2.0E·09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Total activity	2.4E·06±8.8E·06	UI			1.5E-06	µCi/mL	EM	3Q1-6-1420
0	Tritium	-3.2E·07±3.8E·07	UI			6.8E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.3E·11±4.5E· 11	UI	v		5.2E-11	µCi/mL	GP	EPIA1011
0	Uranium-235	1.7E·11±2.3E·11	UI			2.5E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.6E.11~.3E-l 1	UI			2.5E-11	µCi/mL	GP	EPtA.011
0	Yttrium-88	-1.1E·09±1.6E·09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-8.2E·10±2.9E·09	UI			5.1E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	3.3E·10±2.4E·09	UI			4.5E-09	µCi/mL	GP	EPIA-013

WELL HAA 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/1s/s5
Depth to water: 101 ft (30.79 m)below TOC
Water **elevation:** 1SS.7 ft (60.87m) mat
pH: 6
Sp. conductance: 170 µS/cm
Turbidity 75 NTU
Water evacuated from the welt prior **to** sampling: 14 gal

Time: **13:30**
Water temperature: **16.6°C**
Air tempe rature: 16.7-C
Alkalinity: Not amilabte
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	6.5	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specilk conductance	158				030	µS/cm	GE	EPA1201
o	Alkalinity (as CaCO3)	8.1		V		1,000	mg/L	GE	EPA31O. 1
2	Aluminum, total recoverable	1,980		iV		20	µg/L	GE	EPA601OA
o	Ammonia nitrogen	20	J	E		50	µg/L	G E	EPA350.1
O	Antimony, total recoverable	<5.0				50	µg/L	GE	EPA601OA
O	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
O	Barium, total recoverable	94		v		3.0	µg/L	GE	EPA601OA
O	Benzene	<0.50				0.50	µg/L	G E	EPA8260
O	Beryllium, total recoverable	0.42	J	EV		3.0	µg/L	GE	EPA601OA
O	Boron, total recoverable	65				50	µg/L	GE	EPA601OA
O	Bromodichloromethane	<0 050				0 050	µg/L	GE	EPA6260
O	Bromoform	<0.050				0050	µg/L	G E	EPA8260
0	Bromomethane	<o 10				0.10	µg/L	GE	EPA6260

Well HAA 4D collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2ss		v		20	µg/L	GE	EPA60 0A
0	Ammonia nitrogen	<50				50	µg/L	GE	E A350
0	Antimony, tota recoverable	<1.5		v		5.0	µg/L	GE	E A60 0A
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	E A60
0	Barium, total recoverable	114		v		3.0	µg/L	GE	E A60
0	Benzene	<0.50				0.50	µg/L	GE	E A8 60
0	Beryllium, total recoverable	0.03s	J	E		3.0	µg/L	GE	E A60
0	Boron, total recoverable	<so				50	µg/L	GE	EPA60 0A
0	Bromodichloromethane	4.050				0.050	µg/L	GE	E A8260
0	Bromoform	<0.050				0.050	µg/L	GE	E A8260
0	Bromomethane	0.070	J	E		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA60
0	Calcium, total recoverable	1,070				20	µg/L	GE	EPA60
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	6,120				250	µg/L	GE	E A300 0
0	Chloride	6,060				250	µg/L	GE	EPA300 0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	E A8260
0	Chloroethene (Vinyl chloride)	0.0s0	J	" E		0.10	µg/L	GE	EPA8 60
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	E A8 60
0	Chloroform	0.47				0.050	µg/L	GE	EPA8 60
0	Chloromethane	0.040	J	E		0.10	µg/L	GE	E A8260
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA60
0	Cobalt, total recoverable	1.3	J	E		4.0	µg/L	GE	E A60 0A
0	Copper, total recoverable	3.0	J	E		4.0	µg/L	GE	EPA60 0A
0	Cyanide	<10				10	µg/L	GE	E A335
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	E A8260
0	1, 1-Dichloroethane	<0.050				0.050	µg/L	GE	E A8260
0	1 ,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.0s0				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.s0	J	E		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.0s0				0.050	µg/L	GE	E A8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<100				100	µg/L	GE	E A300
0	Fluoride	<100				100	µg/L	GE	EPA300 0
0	Iron, total recoverable	17	J	E		18	µg/L	GE	E A60 0A
0	Lead, total recoverable	1.7	J	E		5.0	µg/L	GE	EPA60 0A
1	Lithium, total recoverable	30				25	µg/L	GE	E A60 0A
0	Magnesium, total recoverable	637		v		20	µg/L	GE	E A60
1	Manganese, total recoverable	36				2.0	µg/L	GE	EPA60 0A
0	Mercury, total recoverable	<0.036		v		0.20	µg/L	GE	E
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA60 0A
1	Nitrate e s nitrogen	5,160	J	Q	L	200	µg/L	GE	EPA300
1	Nitrate-nitrite as nitrogen	5,040		v		200	µg/L	GE	EPA353
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.
0	PCB 1016	<0.13				0.13	µg/L	GE	E A8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	E A8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	E 20
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.
0	Potassium, total recoverable	10,300				500	µg/L	GE	EPA60
0	Selenium, total recoverable	<2.6		Iv		5.0	µg/L	GE	E A60
0	Silica, total recoverable	6,720		v		100	µg/L	GE	EPA60
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	E A60
0	Sodium, total recoverable	2,270		v		100	µg/L	GE	EPA60
0	Sulfate	152	J	E		1,000	µg/L	GE	A300
0	Sulfate	171	J	E		1,000	µg/L	GE	E A300
0	1,1 ,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	E A8 60
0	Tetrachloroethylene	<0050				0.050	µg/L	GE	EPA8 60
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	A60
0	Toluene	0.21	J	E		0.50	µg/L	GE	E A8 60
0	Total dissolved solids	47*000				5,000	µg/L	GE	E 60
0	Total organic carbon	<611		V		1,000	µg/L	GE	E
0	Total organic halogens	93	J	E		10	µg/L	GE	A9020B
0	Total organic hogens	9.0	J	E		10	µg/L	GE	A9020B
0	Total phosphates (as P)	30	J	E		50	µg/L	GE	36
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	A8
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	A8 60
0	Trichloroethylene	<0.050				0.050	µg/L	GE	A8 60
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	A8 60

Well HAA 4D collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Vanadium, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Zinc, total recoverable	<7.1		v		5.0	µg/L	GE	EPA6010A
0	Actinium-228	1.2E-06±8.5E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3,7E,11~4,7E-I 1	UI			8.5E-11	µCi/mL	GP	EPtA-011
0	Antimony-124	-1.0E-09±2.1E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.1E-09±4.5E-09	UI			7.8E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.6E-09±2.3E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.8E-10±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.8E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.6E-09±1.7E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.7E-09±1.9E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	7.9E-10±2.0E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.4E-09±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Curium-242	4.3E-12±2.9E-11	UI			7.7E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	6.6E-11±5.8E-11	UI			9.1E-11	µCi/mL	GP	EPtA-011
0	Curium-245/246	0.0E+00	UI			2.5E-11	µCi/mL	GP	EPtA.011
0	Europium-152	1.2E-09±4.4E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.2E-09±4.0E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.7E-09±6.7E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	5.0E-09±1.3E-09				6.1E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-8.5E-10±1.1E-09	UI			1.7E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.9E-09±5.2E-09	UI			61E:02	µCi/mL	GP	EPIA-013
0	Manganese-54	1.4E-09±1.6E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	5.2E-12±4.6E-11	UI			1.1E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	-5.5E-09±1.2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.5E-08±1.8E-09				1.9E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.3E-10±1.8E-10	UI			3.5E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.8E-10±1.8E-10	UI			1.4E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.2E-08±2.1E-08	UI			4.3E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-7.3E-10±1.8E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	9.2E-10±2 0E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Radium, total ● @ha-amklhg	3.6E-09±6 OE-10				1.OE-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	5.1E-09±1.4E-08	UI			2.6E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-8, 1E-10±1.4E-09	UI			24E-03	µCi/mL	GP	EPIA-013
0	Strontium-90	-I.3E-1M1.4E-1o	UI			8.8E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	1.7E-10±4.3E-10	UI			1.0E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-8.7E-09±7.6E-09	UI			2.0E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-2.9E-11±7.9E-09	UI			1.9E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	7.5 E-10±4.7E-10	UI	v		55E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.9E-10±3.1E-10	UI	v		2.6E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-5.5E-11±4.0E-11	UI			4.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	1.4 E-07*8 .4E-08	UI			1.6E-07	µCi/mL	GP	EPIA-013
0	Tin-113	5.3E-1oA2.oE03	UI			3.6E-09	µCi/mL	GP	EPIA-013
2	Tritium	5.2E-05±1.4E-06				6.5E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.4E-11*7.0E-1 1	UI			1.2E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.9E-11±4 9E-11	UI			9.3E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	5.1E-11±5.9E-1 1	UI			5.1E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-9.5E-10±2.0E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.4E-09±2.9E-09	UI			5.7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.7E-10±3.4E-09	UI			5.9E-09	µCi/mL	GP	EPIA-013

WELL HAA 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/s5 **Time:** 10:30
Depth to water: 124.6511 (37.99 m) **below TOC** Water temperature: 15.6-C
Water elevation: 176.45 ft (53.78 m) **msl** **Air temperature:** 14.8°C
pH: 6.6 **Alkalinity:** Not available
Sp. conductance: 254 µS/cm **Phenolphthalein alkalinity:** Not available
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 50 gal

ANALYSES ,

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7.1	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	232				030	µS/cm	GE	EPA1201
0	Alkalinity (as CaCO3)	136		v		1,000	mg/L	GE	EPA310.1
0	Aluminum, total recoverable	<29		Iv		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	< 50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				50	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	13	J	E		25	µg/L	GE	EPA6010A
0	Barium, total recoverable	16		v		3.0	µg/L	GE	EPA6010A
0	Benzene	<050				050	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.059		v		30	µg/L	GE	EPA6010A

WELL HAA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: **12/22/95** Time: **8:13**
Depth to water: 49.7 **ft** (15.15 m) **below TOC** Water **temperature: 27°C**
Water elevation: 251.1 **ft** (76.54 m) mat **Air temperature:** 4.5°C
pH: 6.8 **Alkalinity: 60 mg/L**
Sp. conductance: 140 **µS/cm** **Phenolphthalein alkalinity:** O **mg/L**
Turbidity: O NTU
Water evacuated **from** the watt prior 10 **sampling:** 39 get

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	**pH**	7.2	J	0	L	0.010	**pH**	**GE**	**EPA150.1**
0	**Specific conductance**	151				**0.30**	**µS/cm**	**GE**	**EPA120.1**
0	**Alkalinity (as CaCO3)**	65				**1.000**	**mg/L**	**GE**	EPA31o.1
0	**Aluminum, total** recoverable	**<59**		**V**		**20**	**µg/L**	**GE**	EPA601oA
0	Ammonia **nitrogen**	**<50**				**50**	**µg/L**	**GE**	**EPA350.1**
0	Anthony, **total recoverable**	<1,7		v		**5.0**	**µg/L**	**GE**	EPA601oA
0	**Arsenic, total recoverable**	<5.0				**5.0**	**µg/L**	**GE**	EPA601OA
0	Barium, total **recoverable**	18		**V**		**3.0**	**µg/L**	**GE**	EPA601oA
0	Benzene	<0s0				**0.50**	**µg/L**	**GE**	**EPA8260**
0	**Beryllium, total recoverable**	<3.0				**3.0**	**µg/L**	**GE**	EPA601OA
0	Boron, **total** recoverable	**<50**				**50**	**µg/L**	**GE**	EPA301OA
0	**Bromodichloromethane**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**Bromoform**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**Bromomethane**	**<0.10**				0.10	**µg/L**	**GE**	EPA6260
0	**Cadmium, total recoverable**	**<2.0**				2.0	**µg/L**	**GE**	**EPA6010A**
0	**Calcium, total recoverable**	27, too				20	**µg/L**	**GE**	EPA601OA
0	Carbon **tetrachloride**	<0.050				**0.050**	**µg/L**	**GE**	**EPA8260**
0	**Chloride**	**2,730**				**250**	**µg/L**	**GE**	**EPA300.0**
0	**Chlorobenzene**	<0.050				0.050	**µg/L**	**GE**	**EPA8260**
0	**Chloroethane**	**<0.10**				0.10	**µg/L**	**GE**	**EPA8260**
0	**Chloroethene** (vinyl chloride)	**<0.10**				**0.10**	**µg/L**	**GE**	**EPA8260**
0	**2-Chloroethyl** vinyl ether	**<1.0**				**1.0**	**µg/L**	**GE**	**EPA8260**
0	**Chloroform**	<0.050				**0.050**	**µg/L**	**GE**	**EPA8260**
0	**Chloromethane**	0.060	J	E		**0.10**	**µg/L**	**GE**	EPA6260
0	Chromium, **total recoverable**	2.3	J	E		**4.0**	**µg/L**	**GE**	EPA601OA
0	**Cobalt,** Idol **recoverable**	<4.0				**4.0**	**µg/L**	**GE**	EPA601OA
0	Copper, total **recoverable**	<4.0				4.0	**µg/L**	**GE**	EPA601OA
0	**Cyanide**	**<10**				10	**µg/L**	**GE**	**EPA335.3**
0	**Dibromochloromethane**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**1.1-Dichloroethane**	<0.050				0.050	**µg/L**	**GE**	**EPA8260**
0	**1,2-Dichloroethane**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**1,1-Dichloroethylene**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**trans-1,2-Dichloroethylene**	<0.050				0.050	**µg/L**	**GE**	EPA6260
0	**Dichloromethane**	0.65				**0.50**	**µg/L**	**GE**	**EPA8260**
0	**1,2-Dichloropropens**	<0.050				**0.050**	**µg/L**	**GE**	EPA6260
0	**cis-1,3-Dichropropene**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**trans-1,3-Dichloropropene**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**Ethylbenzene**	**<0.050**				**0.050**	**µg/L**	**GE**	**EPA8260**
0	Fluoride	**253**				**100**	**µg/L**	**GE**	**EPA300.0**
0	Iron, **total** recoverable	<18				**18**	**µg/L**	**GE**	EPA601OA
0	Lead, **total recoverable**	<5.0				**5.0**	**µg/L**	**GE**	EPA601oA
0	Lithium, **total recoverable**	**<25**				**25**	**µg/L**	**GE**	EPA601oA
0	**Magnesium, total recoverable**	**556**		**V**		**20**	**µg/L**	**GE**	EPA601oA
0	**Manganese,** total **recoverable**	**2.2**				**2.0**	**µg/L**	**GE**	EPA601OA
0	**Mercury,** total recoverable	**<0.20**				**0.20**	**µg/L**	**GE**	EPA7470
0	**Nickel, total** recoverable	**<lo**				**10**	**µg/L**	**GE**	EPA601OA
0	Nitrate as **nitrogen**	242	J	**IQ**	L	**10**	**µg/L**	**GE**	**EPA300.0**
0	Nitrate-nitrite **as nitrogen**	260		**V**		**50**	**µg/L**	**GE**	**EPA353.1**
0	Nitrite as nitrogen	<5.0	J	**Q**	L	5.0	**µg/L**	**GE**	**EPA300.0**
0	**PCB** 1016	<0.13				0.13	**µg/L**	**GE**	**EPA8080**
0	**PCB 1221**	<0.13				0.13	**µg/L**	**GE**	**EPA8080**
0	PCB 1232	<0.13				0.13	**µg/L**	**GE**	**EPA8080**
0	PCB 1242	**<0.13**				0.13	**µg/L**	**GE**	**EPA8080**
0	PCB 1248	**<0.13**				0.13	**µg/L**	**GE**	**EPA8080**
0	PCB 1254	**<0.13**				0.13	**µg/L**	**GE**	**EPA8080**
0	PCB 1260	**<0.13**				0.13	**µg/L**	**GE**	**EPA8080**
0	**Phenols**	<5.0				5.0	**µg/L**	**GE**	**EPA420.2**
0	**Potassium,** total recoverable	785				500	**µg/L**	**GE**	EPA601oA
0	Selenium, total recoverable	**<5.0**		**I**		5.0	**µg/L**	**GE**	EPA601OA
0	**Silica,** total **recoverable**	**15,200**		**V**		100	**µg/L**	**GE**	EPA601OA
0	**Silver,** total **recoverable**	**<2.0**				2.0	**µg/L**	**GE**	EPA601OA
0	**Sodium, total** recoverable	2,000		**V**		**100**	**µg/L**	**GE**	**EPA6010A**
0	**Sulfate**	805	J	E		1,000	**µg/L**	**GE**	**EPA300.0**
0	**1,1,2,2-Tetrachloroethane**	**<0.050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**Tetrachloroethylene**	<0.050				0.050	**µg/L**	GE	**EPA8260**

Welt **HAA** 4C **collected** on 12/22/95 (cont)

F	Analyte	Result	R	A	B	SOL	Un	Lab	Method
o	**Thallium, total recoverable**	**<5.0**				50	**µg/L**	**GE**	**EPA6010A**
0	**Toluene**	0.26	J	E		050	**µg/L**	**GE**	**EPA8260**
0	**Total dissolved** solids	85,000				5,000	**µg/L**	**GE**	**EPA160.1**
0	Total organic *carbon*	<754		v		1,000	**µg/L**	**GE**	**EPA415.1**
0	**Total organic halogens**	**10**				**10**	**µg/L**	**GE**	**EPA9020B**
0	**Total phosphates (as P)**	**650**				**50**	**µg/L**	**GE**	**EPA365.4**
0	**1,1,1-Trichloroethane**	**<0 050**				0.050	**µg/L**	**GE**	**EPA8260**
0	**1, 1,2-Trichloroethane**	<0050				0.050	**µg/L**	GE	**EPA8260**
0	**Trichloroethylene**	<0050				0.050	**µg/L**	GE	EPA6260
0	**Trichlorofluoromethane**	**<0.50**				0.50	**µg/L**	**GE**	EPA6260
0	Vanadium, **total recoverable**	0.77	J	E		**10**	**µg/L**	GE	EPA601oA
0	**Zinc, total recoverable**	**<2.9**		v		**5.0**	**µg/L**	GE	**EPA6010A**
0	**Actinium-226**	**8 6E-10±9.7E-09**	**UI**			**i .2E-08**	**µCi/mL**	**GP**	**EPIA-013**
0	**Americium-241**	**2.3E-12±4.1E-11**	**UI**			**7.8E-11**	**µCi/mL**	**GP**	**EPIA-01 t**
0	Antimony-124	**5.7E-10±1.8E-09**	**UI**			**3.2E-09**	**µCi/mL**	GP	**EPIA-013**
0	**Antimony-125**	**-1.1E-09±4.5E-09**	**UI**			**7.4E-09**	**µCi/mL**	**GP**	**EPIA-013**
0	**Barium-133**	-4.3E-104.1E-o9	**UI**			**3.2E-09**	**µCi/mL**	GP	**EPIA-013**
0	**Cerium-144**	**1.2E-08±1.6E-08**	**UI**			**1.8E-08**	**µCi/mL**	GP	**EPIA-013**
0	**Cesium-134**	**-2.7E-10±1.4E-09**	**UI**			25E&I	**µCi/mL**	GP	**EPIA-013**
0	**Cesium-137**	36E-0&2.3E-09				**3.1E-09**	**µCi/mL**	**GP**	**EPIA-013**
0	**Cobalt-57**	**1.1E-10±1.4E-09**	**UI**			**2.4E-09**	**µCi/mL**	GP	**EPIA-013**
0	**Cobalt-58**	**6.8E-10±1.6E-09**	**UI**			**3.0E-09**	**µCi/mL**	GP	EPIA-013
0	**Cobalt-60**	.3.5E-10*1.3E-o3	**UI**			**2.5E-09**	**µCi/mL**	GP	**EPIA-013**
0	Curium-242	**1.7E-11±2.3E-11**	**UI**			**3.8E-11**	**µCi/mL**	**GP**	EPtA-011
0	**Curium-243/244**	3.6E-11*4.3E. 11	**UI**			**7.1E-11**	**µCi/mL**	**GP**	**EPIA-011**
0	Curium-245/246	**1.5E-11±1.5E-11**				**1.1E-11**	**µCi/mL**	**GP**	**EPIA-011**
0	**Europium-152**	-4.5E-1O*4.3E-O2	**UI**			**7.3E-09**	**µCi/mL**	GP	**EPIA-013**
0	**Europium-154**	**-2.4E-09±4.6E-09**	**UI**			**7.6E-09**	**µCi/mL**	GP	EPIA-013
0	**Europium-155**	**1.9E-09±5.9E-09**	**UI**			**1.0E-08**	**µCi/mL**	**GP**	**EPIA-013**
0	**Gross alpha**	-96E-11Q.9E-1o	**UI**			89E:1O	**µCi/mL**	GP	**EPIA-001**
0	**Iodine-129**	-2.W-1O*1 .0E-09	**UI**			**1.7E-09**	**µCi/mL**	GP	**EPIA-006**
0	**Lead-212**	**7.6E-10±5.4E-09**	**UI**			**5.9E-09**	**µCi/mL**	(3P	**EPIA-013**
0	**Manganese-54**	**3.6E-10±1.4E-09**	**UI**			**2.5E-09**	**µCi/mL**	**GP**	**EPIA-013**
0	**Neptunium-237**	**-5.7E-12±2.9E-11**	**UI**			**9.6E-11**	**µCi/mL**	GP	**EPIA-012**
0	**Neptunium-239**	**-4.6E-09±1.0E-08**	**UI**			**1.7E-08**	**µCi/mL**	GP	**EPIA-013**
0	**Nonvolatile beta**	1.2E-0&88E- 10	**UI**			**1.8E-09**	**µCi/mL**	**GP**	**EPIA-001**
0	**Plutonium-238**	84E-12*3 **9E-11**	**UI**			1.2E-10	**µCi/mL**	**GP**	**EPIA-012**
0	**Plutonium-239/240**	**3.1E-11±5.2E-11**	**UI**			**9.8E-11**	**µCi/mL**	GP	**EPIA-012**
0	**Potassium-40**	**3.3E-08±1.8E-08**	**UI**			**3.8E-08**	**µCi/mL**	GP	**EPIA-013**
0	**Promethium-144**	**-2.3E-10±1.4E-09**	**UI**			**2.5E-09**	**µCi/mL**	t3P	**EPIA-013**
0	**Promethium-146**	**5.4 E-10±2.0E-09**	**UI**			**3.5E-09**	**µCi/mL**	GP	**EPIA-013**
0	**Radium, total alpha-emitting**	-1.OE-1O*.OE-1O	**UI**			1.6E-10	**µCi/mL**	**GP**	**EPIA-010**
0	**Ruthenium-106**	**1.5E-08±1.9E-08**	**UI**			**2.3E-08**	**µCi/mL**	**GP**	**EPIA-013**
0	**Sodium-22**	**-8.6E-10±1.6E-09**	**UI**			**2.7E-09**	**µCi/mL**	**GP**	**EPIA-013**
0	**Strontium-90**	**-9.8E-10±4.7E-10**	**UI**			8.1E-10	**µCi/mL**	**GP**	**EPIA-004**
0	**Technetium-99**	**-6.8E-09±6.8E-09**	**UI**			**1.7E-08**	**µCi/mL**	GP	**EPIA-005**
0	**Thorium-228**	**7.6E-10±5.0E-10**	**UI**	**V**		5.8E-10	**µCi/mL**	**GP**	**EPIA-012**
0	**Thorium-230**	**5.7E-11±1** 3E-10	**UI**	**V**		3.OE.1O	**µCi/mL**	**GP**	**EPIA-012**
0	**Thorium-232**	5.7E-11*1.3E-1O	**UI**			3.OE.1O	**µCi/mL**	GP	**EPIA-012**
0	**Thorium-234**	**1 1E-07±1.2E-07**	**UI**			**1.3E-07**	**µCi/mL**	GP	**EPIA-013**
0	**Tin-113**	**t. 1E-09±2 0E-09**	**UI**			**3.5E-09**	**µCi/mL**	GP	**EPIA-013**
0	**Tritium**	**1.1E-07±3 8E-07**	**UI**			**6.5E-07**	**µCi/mL**	GP	**EPIA-002**
0	**Uranium-233/234**	**4.3E-11±5.6E-11**	**UI**			**8.6E-11**	**µCi/mL**	GP	**EPIA-011**
0	**Uranium-235**	**1. BE-11 ~3.2E-l 1**	**UI**			**4.8E-11**	**µCi/mL**	**GP**	EPIA-011
0	**Uranium-238**	**1.6E-1 1*3.2E-11**	**UI**			**4.8E-11**	**µCi/mL**	**GP**	EPtA-011
0	**Yttrium-88**	**2.2E-09±2.** 1 E-09	**UI**			**4.5E-09**	**µCi/mL**	**GP**	**EPIA-013**
0	zinc-65	**-2.5E-10±3.0E-09**	**UI**			**5.4E-09**	**µCi/mL**	GP	**EPIA-013**
0	**Zirconium-95**	**1.3E-09±2.8E-09**	**UI**			**5.4E-09**	**µCi/mL**	GP	**EPIA-013**

WELL HAA 40

MEASUREMENTS CONDUCTED IN THE **FIELD**

Sample date: 12/22/95 Time: **10:32**
Depth to water: 31.3 **ft** (9.54 m) **below** TOC Water **temperature: 30°C**
Waler **elevation:** 269.4 **ft** (62.1 1 **m) msl** Air **mperature: 5°C**
pH: 4.8 **Alkalinity: 0 mg/L**
Sp. conductance: 8 4 **µS/cm** Phenolphthalein alkalinity: O **mg/L**
Turbidity: 1 **NTU**
Water evacuated from the welt prior 10 **sampling:** 10 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	**pH**	**4.8**	J	**Q**	L	0010	**pH**	**GE**	**EPA150 1**
0	**Specific conductance**	**84**				030	**µS/cm**	**GE**	**EPA120 1**
0	**Alkalinity (as CaCO3)**	**<1.0**				1,000	**mg/L**	GE	EPA31O.1

WELLHAA 4AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/22/95
Depth to water: 126.250 (36.48 m) below TOC
Water elevation: 174.95 ft (53.33 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 10:45
Water temperature: Not available
Air temperature: 6.4°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HAA 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/22/95
Depth to water: 51.22 ft (15.61 m) below TOC
Water elevation: 249.78ft(76.13 m) met
pH: 8.8
Sp. conductance: 200 µS/cm
Turbidjv: 2 NTU
Water evacuated from the watt prior to sampling: 47 got

Time: 9:45
Water temperature: 28°C
Air temperature: 2.3°C
Alkalinity: 56 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
1	pH	8.1	J	Q	L	0.010	pH	GE	E 50
0	Specilb conductance	203				0.30	µS/cm	GE	EPA 20
0	Alkalinity (as CaCO3)	104				1,000	mg/L	GE	EPA3
2	Aluminum, total recoverable	257		V		20	µg/L	GE	E A60 0A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350
0	Antimony, totaal recoverable	<1.6		V		5.0	µg/L	GE	EPA60 0A
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	E A60
0	Barium, total recoverable	36		V		3.0	µg/L	GE	EPA60 0A
0	Benzene	<0.50				0.60	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA60
0	Boron, total recoverable	<50				50	µg/L	GE	EPA60
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	0.050	J	E		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA60 0A
0	Calcium, total recoverable	40,400				20	µg/L	GE	EPA60 0A
0	Carbon tetrachloride	0.050	J	E		0.050	µg/L	GE	EPA8260
0	chloride	2,610				250	µg/L	GE	EPA300
0	Chlorobenzene	<0.050				0.050	µg/L	GE	E A8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinv chloride)	0.040	J	E		0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinvther	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.070				0.650	µg/L	GE	EPA8 60
0	Chloromethane	<0.10				0.10	µg/L	GE	E A8 60
0	Chromium, total recoverable	1.8	J	E		4.0	µg/L	GE	EPA60
0	cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA60
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	E A60 0A
0	Cyanide	<lo				10	µg/L	GE	E A335
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	E A8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	E A8260
0	Dichloromethane	0.59				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	E A8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	E A8 60
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8 60
0	Ethylbenzene	<0.050				0.050	µg/L	GE	E A8 60
0	Fluoride	<1oo				100	µg/L	GE	EPA300
0	Iron, total recoverable	<18				18	µg/L	GE	E A60
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA60
0	Lithium, total recoverable	<25				25	µg/L	GE	E A60
0	Magnesium, total recoverable	613		V		20	µg/L	GE	E A60
0	Manganese, total recoverable	<2.0				2.0	µg/L	GE	E A60
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	E
0	Nickel, total recoverable	<10				10	µg/L	GE	A60
0	Nitrate as nitrogen	198	J	IQ	L	10	µg/L	GE	E A300
0	Nitrate-nitrite • a nitrogen	450		V		50	µg/L	GE	E A3
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	E A300
0	PCB 1016	<0.13				0.13	µg/L	GE	A808
0	PCB 1221	<0.13				0.13	µg/L	GE	A8080
0	PCB 1232	<013				0.13	µg/L	GE	A808
0	PCB 1242	<0.13				0.13	µg/L	GE	A808

Well HAA 40 collected on 12/22/95 (arm)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	4.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,860				500	µg/L	GE	EPA6010A
0	Selenium, total recoverable	<1.8		iv		5.0	µg/L	GE	EPA6010A
0	Silica, total recoverable	19,000		v		100	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	3,240		V		100	µg/L	GE	EPA6010A
0	Sulfate	2,060				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Toluene	0.23	J	E		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	127,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	1,870		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	17				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<50				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	0.040	J	E		0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPM260
0	Vanadium, total recoverable	1.5	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Actinium-228	7.0E-09±6.9E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3.3E-11*4.8E-1 1	UI			9.1E-11	µCi/mL	GP	EPIAIO11
0	Antimony-124	4.7E-1oA2.oE-o3	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	- 1.9E-09±4.8E-09	UI			7. SE-09	µCi/mL	GP	EPIA-013
0	Barium-133	28E-10@.6E-03	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	2.0E-09±1.2E-08	UI			2 1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	.1 3E-09±1.8E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.6E-1O*1.9E-09	UI			33E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1 3E-09±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-8.5E-10±2.2E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1. 1E-09±2.1E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Curium-242	44 E-1 1*5.OE-11	UI			8.5E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.9E-11±5.3E-11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.1E-12±1.8E-11	UI			5.2E-11	µCi/mL	GP	EPIA-011
0	Europium-152	1.7E-09±4.9E-09	UI			8.8E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.5E-09±5.0E-09	UI			9.5E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-6. 1E-09±6.5E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-2.3E-10±1.9E-10	UI			8.6E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.0E-10±1.3E-09	UI			1.3E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.0E-09±5.5E-09	UI			6.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.8E-09±2.9E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	5.3E-12±3.6E-11	UI			S.SE-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-4.4E-09±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.4E-OW9.8E-1O				1.8E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	3.6E-11*1.2E-1O	UI			2.6E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	3.7E-104. 1E- 10				1.5E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	2.0E-08±5.0E-08	UI			3 5E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-3.0E-11±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.8E-10±2.3E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	O.OE-.OE-1O				1.6E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	2.9E-10±1.7E-08	UI			3.1E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	9.1E-10±1.8E-09	UI			34E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	3.6E-10±5. 1E- 10	UI			1.1E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-4. 1E-09±6.8E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Thorium-226	7.2E-10±4.3E- 10	UI	v		4.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.OE1OO1.5E-10	UI	v		1.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.9E-11±2.2E-11	UI			3.0E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	2.1E-08±1.3E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-8.0E-10±2.4E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Tritium	4.9E-06±5.6E-07				65E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.1E-11±6.7E-11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	6.5E-12±3.1E- 11	UI			94E-11	µCi/mL	GP	EPtA-011
0	Uranium-236	5.8E-1 1*58E.11	UI			44E-11	µCi/mL	GP	EPtA-011
0	Yttrium-88	1. 1E-09±2.2E-09	UI			46E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.8E-09±3.4E-09	UI			69E-09	µCi/mL	GP	EPIA-013.
0	Zirconium-95	-6.9E-I@36E.09	UI			68E-02	µCi/mL	GP	EPIA-013

Well HAA 30 collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Thorium-228	7.4E-1M4,9E-1O	UI	V		6.2E-10	µCi/mL	GP	EPIA-012
o	Thorium-230	2.9E-1W28E-10	UI	V		3.6E-10	µCi/mL	GP	EPIA-012
o	Thorium-232	4.7E-11*1.3E-1O	UI			3.3E-10	µCi/mL	GP	EPIA-012
O	Thorium-234	O. 0E+00	UI			1.0E-07	µCi/mL	GP	EPIA-013
0	Tin-113	3.6E-10±2 0E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
1	Tritium	1.6E-05±9 0E-07				7.2E-07	µCi/mL	GP	EPIA-002
O	Umniurn-233/234	2.7E-10±1.3E-10				8.4E-11	µCi/mL	GP	EPIA-011
O	Uranium-235	1.5E-11±3.1E-11	UI			4.6E-11	µCi/mL	GP	EPIA-011
O	Uranium-236	32E-1M1.4E-1O				4.6E-11	µCi/mL	13P	EPIA411
o	Yttrium-88	8.7E-10±1.3E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	4 . 1E-10±2.6E-09	UI			4.8E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	8.9E-10±2.3E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/22/s5
Depth to water: 126.2 ft (3S.47 m) below TOC
Water elevation: 174.8 ft (53.28 m) mat
pH: 72
Sp. conductance: 180 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 26 gal

Time: 9:03
Water temperature: 29°C
Air temperature: -0.9°C
Alkalinity: 30 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7.2	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	198				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	89				1,000	mg/L	GE	EPA310.1
0	Aluminum, total recoverable	<31		V		20	µg/L	GE	EPMo1oA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, totalrecoverable	<3.1		V		5.0	µg/L	GE	EPMO1OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Barium, total recoverable	30		V		3.0	µg/L	GE	EPA6I31oA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA601oA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601oA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPM260
0	Bromomethane	0.050	J	E		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	35,600				20	µg/L	GE	EPMO1OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA6260
0	Chloride	2,730				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPM260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinylchloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1,0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.060				0.050	µg/L	GE	EPA8260
0	Chloromethane	0.060	J	E		0.10	µg/L	GE	EPA6260
0	Chromium, total recoverable	1.7	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	co 050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Irons- 1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.57				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Irons-I ,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<1oo				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	738		V		20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	0.76	J	E		2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	<0.052		V		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<lo				10	µg/L	GE	EPA601oA
0	Nitrate as nitrogen	63	J	IQ	L	10	µg/L	GE	EPA300 O
0	Nitrate as nitrogen	65	J	IQ	L	10	µg/L	GE	EPA300 O
0	Nitrate-nitrite as nitrogen	<60		V		50	µg/L	GE	EPA353 1

Well HAA 4A collected an 12/22/95 (cont)

F	Analyte	Result	R	A	B	SOL	Un	Lab	Method
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0 13				0 13	µg/L	GE	EPA8080
0	Phenols	<5.0				5 0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	712				600	µg/L	GE	EPMO1OA
0	Selenium, total recoverable	<s.0			I	5.0	µg/L	GE	EPMo1oA
0	Silica, total recoverable	40,s00			V	100	µg/L	GE	EPMo1oA
0	silver, total recoverable	<2.0				2.0	µg/L	GE	EPMo1oA
0	Sodium, total recoverable	2,410			V	100	µg/L	GE	EPMO1OA
0	Sulfate	1,650				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Toluene	0.22	J	E		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	138,000				5,000	µg/L	GE	EPA160.1
o	Total organic carbon	<1,220			V	1,000	µg/L	GE	EPA415.1
0	Total organic halogens	4.3	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	70				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	0.050	J	E		0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	<10				10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Actinium-228	9.3E-09±5.3E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-3.6E-11s1.2E-1O	UI			3.2E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	1.2E-10±1.8E-09	UI			3.32-02	µCi/mL	GP	EPIA-013
0	Antimony-125	1. 1E-09±4.2E-09	UI			7.8E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-8.9E-10±2.1E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.0E-08±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.9E-09±1.7E-09	UI			2.7E-09	µCi/mL	GP	EPiA-013
0	Cesium-137	-4.8E-10±1.7E-09	UI			2.s2-03	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.3E-10±1.4E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-4.3E-1O*1.6E-O2	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	cobalt-so	1.5E-09±1.5E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.2E-11*1.2E-1O	UI			2.SE-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.4E-11±1.2E-10	UI			2.7E.1O	µCi/mL	GP	EPIA-011
0	Curb-245t246	-2.3E-11±3.3E-11	UI			1.8E-10	µCi/mL	GP	EPIA-011
0	Europium-152	3.0E-09±5.0E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.0E-09±4.5E-09	UI			6.6E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.3E-09±5.9E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	8.2E-10±6.1E-10				7.4E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	1.4 E-09±1.4E-09	UI			1.5E-09	µCi/mL	GP	EPIA-006
0	Lead-212	5.1 E-09±3.0E-09	UI			S 5E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-6.2E-10±1.7E-09	UI			28E-03	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.8E-10±1.1E-10				6.6E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	2.1E-09±1.1E-08	UI			1.s2-06	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.0E-09±9.4E-10				1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.6E-1M.3E-1O	UI			3.0E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.7E-1W1.7E-1O	UI			1.3E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	2.5E-08±1.7E-08	UI			3.7E-08	µCi/mL	GP	EPIA-013
0	Prornathturn-144	.3.6E-10*1.6E-o2	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	65E-104 0E-09	UI			36E-03	µCi/mL	GP	EPIA-013
0	Radium, total alpha-mining	2.0E-10±3.0E-10	UI			1.6E.1O	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	1.1E-08±1.5E 08	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	3.5E-10±1.6E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	.9.2E-1U4.9E-1O	UI			1.1E-09	µCi/mL	GP	EPIA-004
0	Technetium-%1	3.2E-10±7.4E 09	UI			1.8E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.8E-10±3.3E-10	UI	V		3.4E-10	µCi/mL	GP	EPIA-012
0	Thorium-2Xt	94 E-11* 1.4E1O	UI	V		2.3E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	O. 0E+00	UI			1.5E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	1.2E-07±1.7E-07	UI			1.2E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-1.1E-09±2.1E-09	UI			36E413	µCi/mL	GP	EPIA-013
0	Tritium	4 IE-07*39E-07	UI			65E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1 6E-1W1.1E-1O				1.1E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.1E-11±3.2E-11	UI			1 1E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1 5E-10±1 OE-10				6.5E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	4.9E-10A2.0E-09	UI			35E-03	µCi/mL	GP	EPIA-013
0	Zinc-65	-1 2E-0%33E49	UI			56E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1.0E-09±2 8E 09	UI			4 8E-09	µCi/mL	GP	EPIA-013

Well HAA 3C collected on 12/21/35 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Tritium	-2.3E-07±3.8E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
O	Uranium-233/234	3.8E-11*6.3E. 11	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-4.9E-12±9.8E- 12	UI			9.6E-11	µCi/mL	GP	EPIA1011
0	Uranium-238	8.2E.11*7.SE-1 1	UI			9.5E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-8.9E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	8.3E-10±3.3E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	-9.1E-10±3.1E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/95 — **Time: 0:00**
Depth to water: 9.65 ft (2.94 m) below TOC — **Water temperature: Not available**
Water elevation: 263.55 ft (80.33 m) msl — **Air temperature: -3°C**
pH: Not available — **Alkalinity: Not** available
Sp. conductance: Not available — **Phenolphthalein alkalinity: Not available**
Turbidity: Not available
Waler **evacuated** from the was 3 **gal**
The well went dry **before s** & & -

WELL HAA 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/22/95 — **Time: 7:35**
Depth to water: 9.85 **ft (3 m)** below TOC — **Water temperature: 20°C**
Water **elevation:** 283.3 **ft (**027 m) **msl** — **Air temperature: -6.4°C**
pH: 72 — **Alkalinity: 46 mg/L**
Sp. conductance: 84 **µS/cm** — **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 376 **NTU**
Water evacuated from the wait prior to sampling: **1** get

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.7	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specific conductance	72				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	15				1,000	mg/L	GE	EPA310,1
2	Aluminum, total recoverable	13,600		v		20	µg/L	GE	EPA601OA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Anthony. tots rrecoverable	<2.6		v		5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	36		v		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA5260
0	Beryllium, total recoverable	0.35	J	E		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	14	J	E		50	µg/L	GE	EPA801OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.0s0				0.050	µg/L	GE	EPA8260
0	Bromomethane	0.060	J	E		0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	4,430				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	6.120				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA6260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	26				4.0	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	1.5	J	E		4.0	µg/L	GE	EPASO1OA
0	Copper, total recoverable	10				4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.050				0.0s0	µg/L	GE	EPA6260
0	Dichloromethane	0.63				0.50	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0 050				0.050	µg/L	GE	EPA8260
0	Fluoride	25	J	E		100	µg/L	GE	EPA300.0
2	Iron, total recoverable	11.300				18	µg/L	GE	EPA601oA
0	Lead, total recoverable	12				5.0	µg/L	GE	EPA601oA

Wett HAA 30 collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	666		v		20	µg/L	GE	EPA801oA
1	Manganese, total recoverable	46				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.092		v		0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	15				10	µg/L	GE	EPA6010A
0	Nitrate as nitrogen	905	J	Q	L	50	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	810		V		50	µg/L	GE	EPA353. 1
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 10 6	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 10 6	4.13				0.13	µg/L	GE	EPA8080
0	PCB 12 1	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12 1	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	4.13				0.13	µg/L	GE	EPA8080
0	PCS 1232	4.13				0.13	µg/L	GE	EPA8080
0	PCB 12 2	4.13				0.13	µg/L	GE	EPA8060
0	PCB 12 2	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12 8	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12 8	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12 .4	<0.13				0.13	µg/L	GE	EPA6050
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1260	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	720				500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<1.5		IV		5.0	µg/L	GE	EPA6010A
0	Silica, total recoverable	33,800		V		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	4.0				2.0	µg/L	GE	EPA6010A
0	Sodium, total recoverable	10,200		V		100	µg/L	GE	EPA6010A
0	Sulfate	3.340				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA801oA
0	Toluene	0.23	J	E		0.60	µg/L	GE	EPA8260
0	Total dissolved solids	97,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	3,230		v		1.000	µg/L	GE	EPA415.1
1	Total organic halogens	28				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	250				50	µg/L	GE	EPA385.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	25				10	µg/L	GE	EPA6010A
0	Zinc, total recoverable	62				5.0	µg/L	GE	EPA601oA
0	Actinium-228	3.5E-09±4.2E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Americium-241	7.3E-12±5.4E-11	UI			1.2E-10	µCi/mL	GP	EPtA-011
0	Antimony-124	2.5E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.8E-09±3.1E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013
0	Barium-133	9.2E-11±1.6E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1. 1E-08±8.8E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.oE1o*1.3E-o2	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.3E-10±1.2E-09	UI			2 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-7.7E.1OS1.2E-O9	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-2.6E-1O*1.3E-O2	UI			23E-03	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.5E-09±1.1E-09	UI			2.3E-09	µCi/mL	GP	EPIA-013
0	Curium-242	2.5E-11*3.6E-1 1	UI			6.5E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.7E-11±4.3E-11	UI			8.2E-11	µCi/mL	GP	EPtA-011
0	Curium-245/246	1.6E.11~.2E-I 1	UI			2.4E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-8.8E-10±3.0E-09	UI			5.3E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.9E-09±3.3E-09	UI			53E-09	µCi/mL	GP	EPIA-013
0	Europium- 155	-3.0E-09±4.8E-09	UI			63E-03	µCi/mL	GP	EPIA-013
0	Gross alpha	1.4E-09±7.2E- 10				7.9E-10	µCi/mL	GP	EPIA-001
0	Iodine-29	-3.2E-1O*1.1E-O9	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.OE-1OS3.2E-O9	UI			4.5E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.4E-10±1.2E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.4 E-1 W1.OE-1O				9 9E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-7.1E-09±8.8E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	39E-*1 0E-09				1 6E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	3.IE-11*4.3E-1 1	UI			46E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	9.EE-11s6 9E-11	UI			14E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	0.0E+00	UI			33E-06	µCi/mL	GP	EPIA-013
0	Prornethtum-144	-6.5E-11 ±1.2E-09	UI			2 0E-09	µCi/mL	GP	EPIA-013
0	Promethium- 146	3.9E-10±1.4E-09	UI			25E-OS	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1.6 E-O9*5OE-1O				2 1E-10	µCi/mL	GP	EPIA-o1O
0	Ruthenium- 106	1.0E-09±1.1E-08	UI			1 8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	- 1.0E-09±1.2E-09	UI			1 9E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.1E-09±7.2E-10				99E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1 2E-08±91E-09	UI			2 1E-08	µCi/mL	GP	EPIA-005

Well HAA 3AA collected on 12/21/25 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Thorium-234	2.4E-06*54E-06	UI			4.4E-06	µCi/mL	GP	EPIA-013
o	Tin-113	1.6E-10±2.0E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
O	Tritium	3.3E-06*37E-07	UI			6.5E-07	µCi/mL	GP	EPIA-002
o	Uranium-233/234	1.5E-10±1.2E-10				1.3E-10	µCi/mL	GP	EPtA-011
o	Uranium-235	2.1E-11±4.1E-11	UI			1.3E-10	µCi/mL	(3P	EPtA-011
o	Uranium-238	4.1E-11±5.8E-11	UI			6.IE-11	µCi/mL	GP	EPIA-011
o	Yttrium-66	-1.1E-09±2 1E-09	UI			3.0E-09	µCi/mL	1 3 P	EPIA-013
o	Zinc-65	2.3E-09±3.3E-09	UI			6.4E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.9E-09±3.1E-09	UI			5.6E-09	µCi/mL	G P	EPIA-013

WELL HAA 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/95
Depth to water: 35.5 lt (1).B2 m) below TOC
Water elevation: 239.6 (73.03 m) mat
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Waler evacuated from the well prior to sampling: 40 gal
Inaccessibility or mechanical problem prevented sample collection.

Time: 10:38
Water temperature: Not available
Air temperature: 3.2°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HAA 3C

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: 12/21/35
Depth to water: 31.08 ft (9.47 m) below TOC
Water elevation: 243.221t (74.13m) msl
pH: 5
Sp. conductance: 20 µS/cm
Turbidity: 3 NTU
Waler evacuated from the wait prior 10 sampling: 30 gal

Time: 935
Water temperature: 22°C
Air temperature: -2.8°C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	pH	5.5	J	a	L	0.010	pH	GE	EPA150.1
0	Specific conductance	24				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	<5.1		v		1*000	mg/L	GE	EPA31O.1
2	Aluminum, total recoverable	265				20	µg/L	GE	EPA601oA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	1.2	J	E		5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	4.1	J	E		5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	13				3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA6260
0	Beryllium, total recoverable	0:26	J	E		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	11	J	E		50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA6260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	0.14	J	E		2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	563		v		20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA6260
0	Chloride	2,660		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	4.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vny chloride)	<0.10				0.10	µg/L	GE	EPA6260
0	2-Chloroethyl Vinyl ether	<1.0				1.0	µg/L	GE	EPA6260
0	Chloroform	0.070				0.050	µg/L	GE	EPA6260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chromium, total recoverable	4.8				4.0	µg/L	GE	EPA601OA
0	Cobalt. total recoverable	0.84	J	E		4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	1.9	J	E		4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,2-Dichloroethane	<0,050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	32	J	E		100	µg/L	GE	EPA300.0

Well HAA 3C collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
1	Iron, total recoverable	253				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<s.0				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	586				20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	21		V		2.0	µg/L	GE	EPA6010A
0	MarWry, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	2.7	J	E		10	µg/L	GE	EPA6010A
0	Nitrate e nitrogen	12	J	Q	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	<40		V		50	µg/L	GE	EPA353.1
0	Nitrite e s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1246	4.13				0.13	µg/L	GE	EPA6060
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	cI		0.13	µg/L	GE	EPA6060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	447	J	EV		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<s.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	18,100	J	CV		100	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA501OA
0	Sodium, total recoverable	2,460		v		100	µg/L	GE	EPA6010A
0	Sulfate	1,040				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	<0.11		V		0.50	µg/L	GE	EPA6260
0	Total dissolved solids	16,000	J	C		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	3,650		V		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	60				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	<0050				0 050	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA6260
0	Vanadium, total recoverable	0.74	J	E		10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	<10		v		5.0	µg/L	GE	EPA601OA
0	Actinium-228	2.7E-09±9.3E-09	UI			1.2E-06	µCi/mL	GP	EPIA-013
0	Americium-241	1.3E-11±3.0E-11	UI			6.4E-11	µCi/mL	GP	EP'A-011
0	Antimony-124	8.3E-10±1.7E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	3.0E-09±4.0E-09	UI			7.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	9.3E-10±2 3E 06	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1 .4E-09±1.2E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	6.3E-10±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.9E-10±1.7E-09	UI			3. 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6. 1E-10±1.5E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	cobalt-56	6.7E.12*16E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.6E-10±1.4E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Curium-242	2 1E-11±3.1E-11	UI			5.5E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	5.0E-1 1:56E-11	UI			1.1E-10	µCi/mL	GP	EP'AIO11
0	Curium-245/246	0.0E+00	UI			2.OE-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1 .6E-09±4.8E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	5.1E-09±4.0E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.3E-09±6.0E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-5.7E-10±1.9E-10	UI			1.1E-09	µCi/mL	GP	EPIA-001
1	Iodine-129	7.0E-10±1.2E-09	UI			1 8E-09	µCi/mL	GP	EPIA-006
o	Lead-212	5.3E-09±4.0E-09	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.4E-10±1.5E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.2E-11*1.1E-10	UI			2.6E-10	µCi/mL	GP	EPIA-012
0	Neptunium-239	5.4E-09±1.1E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	-1.4E-09±5.1E-10	UI			1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	87 E-I 1±7.6E-11	UI	v		1.3E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	2.6E-1OA1.1E-1O				9.3E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	1. 1E-08±3.9E-08	UI			3. 1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.3E-10±1.4E-09	UI			25E-06	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.4E-10±1.9E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	6.0E-10±3.0E-10				1.9E-10	µCi/mL	GP	EP'A-O1O
0	Ruthenium-106	-1. 1E-08±1.2E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.8E-09±1.4E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	2.0E-10±3.4E-10	UI			7.5E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.6E-09±7.8E-09	UI			1.9E-08	µCi/mL	GP	EPIA-005
0	Thorium-226	-2.4 E-11±6.4E-11	UI			2 OE-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.0E-10±1 1E-10	UI	v		46E-1 1	µCi/mL	GP	EPIA-012
0	Thorium-232	7.7 E-12& 33E-1 1	UI			97E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	O. 0E+00	UI			1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	3 1E-09±1.9E-09	UI			33E-02	µCi/mL	GP	EPIA-013

Well NM 3A collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Promethium-146	4.1E-10±2.0E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
o	Radium, total alpha-emitting	-2.0E-10±2.0E-10	UI			1.9E-10	µCi/mL	GP	EPIA-010
O	Ruthenium-106	1.2E-09±1.2E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
o	Sodium-22	-1.4E-1O*1.4E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
o	Strontium-90	2.4E-lb43E-10	UI			9.6E-10	µCi/mL	GP	EPIA-004
O	Technetium-99	1.3E-09±7.1E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
o	Thorium-228	-7.1E-12±3.3E-11	UI			1.2E-10	µCi/mL	GP	EPIA-012
o	Thorium-230	2.8E-10±1.3E-10	UI	v		6.6E-11	µCi/mL	GP	EPIA-012
o	Thorium-232	-6.9E-12±9.8E-12	UI			8.6E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	8.6E-08±8.3E-08	UI			1.4E-07	µCi/mL	GP	EPIA-013
o	TM-113	1.4E-104.OE-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
O	Tritium	-3.4E-07±3.6E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
o	Uranium-233/234	4.92-1 la4.5E.11	UI			6.32-11	µCi/mL	GP	EPtA-011
0	Uranium-235	1.7E-11±2.3E-11	UI			2.5E-11	µCi/mL	GP	EPtA-011
0	Uranium-238	3.3E-11*3.3E-11	UI			2.5E-11	µCi/mL	GP	EPtA-011
o	Yttrium-88	6.8E.1021.7E-O2	UI			3.4E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	1.3E-10±3.3E-09	UI			5.4E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.8E-09±2.7E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 3AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/95
Depth to water: 101 .75 ft (31.01 m) **below TOC**
Water **elevation:** 174.75 ft (53.26 m) mat
pH: 6.2
Sp. conductance: 100 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to s - . 6 0 **gal**

Time: 13:12
Water temperature: 15°C
Air temperature: 6°C
Alkalinity: 4 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	ON	6.5	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	6.5	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific Conductance	115				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	39				1,000	mg/L	GE	EPA31o.1
0	Aluminum, total recoverable	<31		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<2.2		V		5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	32		v		3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.056	J	E		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA6260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Calcium, total recoverable	16,900				20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,060		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	1.6		E		4.0	µg/L	GE	EPA601OA
0	Copper. total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1 -Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	<0.50				0.50	µg/L	GE	EPM260
0	1 ,2-Dicbropropane	<0050				0.050	µg/L	GE	EPA8260
0	cis-1 ,3-Dichoropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPM260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPM260
0	Fluoride	95	J	E		100	µg/L	GE	EPA300.0
2	Iron, total recoverable	516				18	µg/L	GE	EPA601oA
0	Lead. total recoverable	<5.0				5.0	µg/L	GE	EPA601OA

won HAA 3AA collected on 12/21/95 (cont]

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Lithium, total recoverable	21	J	E		26	µg/L	GE	EPMo1oA
0	Magnesium, total recoverable	642		V		20	µg/L	GE	EPA601OA
2	Manganese, total recoverable	53				2.0	µg/L	GE	EPA6010A
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Nitrate e s nitrogen	<lo	J	IQ	L	10	µg/L	GE	EPA300 O
0	Nitrate-nitrite as nitrogen	<10		v		50	µg/L	GE	EPA3531
0	Nitrate-nitrite as nitrogen	<20		v		50	µg/L	GE	EPA353.1
0	Nitrite e s nitrogen	<5.0	J	o	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	cl		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA4202
0	Phenols	<3.0		v		5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,050				500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<5.0		I		5.0	µg/L	GE	EPA6010A
0	Silica, total recoverable	25,400		v		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2,230		v		100	µg/L	GE	EPA6010A
0	Sulfate	9,600				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	4.090		V		0.30	µg/L	GE	EPA8260
0	Total dissolved solids	93,000	J	Q	L	5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	90,000	J	Q	L	5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1.070		V		1,000	µg/L	GE	EPA4151
0	Total organic carbon	<991		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	3.0	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	190				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	4.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<7.0		v		5.0	µg/L	GE	EPA6010A
0	Actinium-228	7.5E-10±5.2E-09	UI			9.6E-09	µCi/mL	GP	EPIA-013
0	Americium-241	1.1E-11±4.6E-11	UI			1.0E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	6.5E-10±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	9.2E-11±3.7E-09	UI			66E-OB	µCi/mL	GP	EPIA-013
0	Barium-133	-5.9E-10±2.0E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.6E-10±9.2E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	4.8E-10±1.5E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.1E-11±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.1E-10±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4.4E-10±1.6E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.6E-10±1.8E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-3.2E-13±3.9E-11	UI			9.8E-11	µCi/mL	GP	EPIA-011
0	Curium-2431244	4.4E-11*5.7E- 11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	7.3E-12±2.3E-11	UI			5.6E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.2E-09±3.8E-09	UI			66E-03	µCi/mL	GP	EPIA-013
0	Europium-154	2.1E-09±4.1E-09	UI			8.0E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.9E-09±4.7E-09	UI			8.3E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	2.0E-09±8.9E-10				1.1E-09	µCi/mL	GP	EPIA-001
0	Iodine-l 29	4.8E-10±1.1E-09	UI			1.9E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			54E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	7.2E-10±1.5E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	4.IE-I1*5.4E-11	UI			9.8E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-3.4E-09±8.9E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.1E-09±8.9E-10				1.6E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-1.3E-11*1.7E-10	UI			65E-10	µCi/mL	GP	EPIA-012
o	Plutonium-239/240	8.1E-11±1.6E-10	UI			2.4E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	1.7E-08±2.1E-08	UI			3.7E-08	µCi/mL	GP	EPIA-013
0	Promethii-144	-3.1E-10±1.5E-09	UI			25E.09	µCi/mL	GP	EPIA-013
0	Promethium- 146	-1.1E-09±1.6E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	1.2 E-0%4.OE.10				2OE-10	µCi/mL	GP	EPIA-010
0	Ruthenium- 106	-1.8E-09±1.4E-08	UI			24E436	µCi/mL	GP	EPIA-013
0	Sodium-22	7.6E-10±1.5E-09	UI			2.9E 09	µCi/mL	GP	EPIA-013
0	Strontium-90	7OE.10i58E.1O	UI			9.4E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	25EO%7 6E-09	UI			1.8E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	74E-10:4 9E-10	UI	v		4.7E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	7.0E-11±1.4E-10	UI	v		2.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-8.6E-12±1.7E-11	UI			32E- 10	µCi/mL	GP	EPIA-012

Well HAA 20 **collected** on 12/22/35 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	**Manganese-54**	-5.5E-11±2.0E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.SE-11*4.7E- 11	UI			9.2E-11	µCi/mL	GP	EPIA-012
0	**Neptunium-239**	7.1E-10±1.3E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	**Nonvolatile beta**	1.0E-09±7.9E- 10	UI			1.6E-09	µCi/mL	GP	EPIA-001
0	**Plutonium-238**	7.0E-12±4.9E-11	UI			1.4E-10	µCi/mL	GP	EPIA-012
0	**Plutonium-239/240**	4.4E-11±5.6E-11	UI			8.6E-11	µCi/mL	GP	EPIA-012
0	**Potassium-40**	2.3E-08±2.3E-08	UI			4.7E-08	µCi/mL	GP	EPIA-013
0	**Promethium-144**	1.6E-10±2.3E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Promethium-148	-1 .2E-09±2.6E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
0	Radium, **total alpha-emitting**	5.0E-10±3.0E-10				2.0E-10	µCi/mL	GP	EPIA-010
0	**Ruthenium-106**	2.6E-09±1.7E-08	UI			3.2E-08	µCi/mL	GP	EPIA-013
0	**Sodium-22**	5.8E-10± 1.6E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	**Strontium-90**	-3.5E-10±1.9E-10	UI			O.8E-10	µCi/mL	GP	EPIA-004
0	**Technetium-99**	-5.0E-09±8.7E-09	UI			2.2E-06	µCi/mL	GP	EPIA-005
0	**Thorium-228**	3.2E-10±3.0E-10	UI	v		5.0E.10	µCi/mL	GP	EPIA-012
0	**Thorium-230**	1.4E-10±1.7E-10	UI	v		2.2E.1O	µCi/mL	GP	EPIA-012
0	**Thorium-232**	-1.8E-11±2.0E-11	UI			2.6E-10	µCi/mL	GP	EPIA-012
0	**Thorium-234**	7.7E-08±1.6E-07	UI			1.9E-07	µCi/mL	GP	EPIA-013
0	Tin-1 13	-9.8E-10±2.4E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
1	**Tritium**	1 .7E-05±8.7E-07				6. SE-07	µCi/mL	GP	EPIA-002
o	**Uranium-233/234**	4.IE-12*S.3E-11	UI			1.7E-10	µCi/mL	GP	EHA-011
0	**Uranium-235**	6.3E-11*8.SE-1 1	UI			1.3E.1O	µCi/mL	GP	EPtA-011
0	**Uranium-238**	S.SE-11*8.5E-1 1	UI			1.6E-10	µCi/mL	GP	EPtA-011
0	**Yttrium-88**	S.OE-1OA1.8E-OS	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	**Zinc-65**	-3.4E-09±4.1E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013
0	**Zirconium-95**	3.8E-09±3.5E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/s5 **Time: 11:27**
Depth to water: 100.1 ft (30.51 m) batow TOC **Water temperature: 19°C**
Water **elevation:** 175.6 ft (53.52 m) met **Air temperature: 3.4°C**
pH: 6.2 **Alkalinity: 219 mg/L**
Sp. conductance: 44 µS/cm **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: O NTU
Water evacuated from the **well** prior to **sampling:** 31 gat

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	**pH**	6.5	J	Q	L	0.010	pH	GE	EPA150.1
0	**Specific conductance**	72				0.30	µS/cm	GE	EPA120.1
0	**Alkalinity** (as CaCO3)	26		v		1,000	mg/L	GE	EPA310.1
0	**Aluminum, total recoverable**	<20				20	µg/L	GE	EPA601OA
0	Ammonia **nitrogen**	<50				50	µg/L	GE	**EPA350.1**
0	Antimony, **total recoverable**	<s.0				5.0	µg/L	GE	EPA601OA
0	**Arsenic,** total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	**Barium, total recoverable**	5.9				3.0	µg/L	GE	EPA601OA
0	**Benzene**	<0.50				0.60	µg/L	GE	EPAS260
0	**Beryllium, total recoverable**	0.024	J	E		3.0	µg/L	GE	EPA601OA
0	Boron, **total recoverable**	<50				50	µg/L	GE	EPA601oA
0	**Bromodichloromethane**	<0.050				0.050	µg/L	GE	**EPA8260**
0	**Bromoform**	<0.050				0.0s0	µg/L	GE	**EPA8260**
0	**Bromomethane**	<0.10				0.10	µg/L	GE	EPM260
0	**Cadmium,** total recoverable	0.20	J	E		2.0	µg/L	GE	**EPA6010A**
0	**Calcium,** total recoverable	7,270		v		20	µg/L	GE	EPMO1OA
0	**Carbon tetrachloride**	<0.050				0.0s0	µg/L	GE	EPA6260
0	**Chloride**	2,810				260	µg/L	GE	**EPA300.0**
0	**Chlorobenzene**	<0.050				0.050	µg/L	GE	**EPA8260**
0	**Chloroethane**	<0.10				0.10	µg/L	GE	EPM260
0	**Chloroethene** (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPM260
0	**2-Chloroethyl vinyl ether**	<1.0				1.0	µg/L	GE	EPM260
0	**Chloroform**	0.030				0.050	µg/L	GE	**EPA8260**
0	**Chloromethane**	<0.10				0.10	µg/L	GE	**EPA8260**
0	**Chromium, total** recoverable	3.1	J	E		4.0	µg/L	GE	EPA601oA
0	Cobalt, total **recoverable**	<4.0				4.0	µg/L	GE	EPA601OA
0	Copper, total **recoverable**	2.6	J	E		4.0	µg/L	GE	EPMO1OA
0	**Cyanide**	2.1	J	E		10	µg/L	GE	EPA335.3
0	**Dibromochloromethane**	<0050				0.050	µg/L	GE	**EPA8260**
0	**1, 1-Dichloroethane**	<0.050				0.050	µg/L	GE	EPA6260
0	**1,2-Dichloroethane**	<0.050				0.050	µg/L	GE	EPM260
0	**1,1 -Dichloroethylene**	<0.050				0.050	µg/L	GE	EPM260
0	**trans-1,2-Dichloroethylene**	<0.050				0.050	µg/L	GE	EPM260
0	**Dichloromethane**	<0.50				0.s0	µg/L	GE	**EPA8260**
0	**1,2-Dichloropropane**	<0.050				0.0s0	µg/L	GE	EPA6260

Well HAA 3A **collected** on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	**cis-1,3-Dichloropropene**	<0.050				0.050	µg/L	GE	**EPA8260**
0	**trans- 1 ,3-Dichloropropene**	<0.050				0.050	µg/L	GE	**EPA8260**
0	**Ethylbenzene**	<0.050				0.050	µg/L	GE	EPA6260
0	**Fluoride**	132				100	µg/L	GE	**EPA300.0**
0	Iron, **total recoverable**	<18				18	µg/L	GE	**EPA6010A**
0	Lead. total **recoverable**	<5.0				5.0	µg/L	GE	EPA601OA
0	Lithium, **total recoverable**	<25				25	µg/L	GE	EPMo1OA
0	**Magnesium,** total **recoverable**	687				20	µg/L	GE	EPA601OA
0	**Manganese, total recoverable**	12		V		2.0	µg/L	GE	**EPA6010A**
0	Mercury, **total recoverable**	<0.20				0.20	µg/L	GE	**EPA7470**
0	**Nickel, total recoverable**	<10				10	µg/L	GE	EPA601OA
0	**Nitrate as** nitrogen	107	J	Q	L	10	µg/L	GE	**EPA300.0**
0	**Nitrate-nitrite** as nitrogen	<90		V		so	µg/L	GE	**EPA353.1**
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	**EPA300.0**
0	**PCB** 1016	<0.13				0.13	µg/L	GE	**EPA8080**
0	**PCB** 1016	<0.13				0.13	µg/L	GE	**EPA8080**
0	**PCB 1221**	4.13				0.13	µg/L	GE	**EPA8080**
0	**PCB 1221**	<0.13				0.13	µg/L	GE	EPA60B0
0	**PCB 1232**	<0.13				0.13.	µg/L	GE	EPM060
0	**PCB 1232**	4.13				0.13	µg/L	GE	**EPA8080**
0	**PCB 1242**	4.13				0.13	µg/L	GE	EPM060
0	**PCB 1242**	<0.13				0.13	µg/L	GE	EPM060
0	**PCB 1248**	<0.13				0.13	µg/L	GE	EPM060
0	**PCB 1248**	<0.13				0.13	µg/L	GE	**EPA8080**
0	**PCB** 12S4	<0.13				0.13	µg/L	GE	**EPA8080**
0	PCS 12S4	<0.13				0.13	µg/L	GE	**EPA8080**
0	**PCB** 1260	<0.13	J	CI		013	µg/L	GE	**EPA8080**
0	**PCB** 1260	<0.13	J	CI		0.13	µg/L	GE	EPA6060
0	**Phenols**	<5.0				5.0	µg/L	GE	EPA420.2
0	**Potassium, total recoverable**	461	J	EV		500	µg/L	GE	**EPA6010A**
0	Selenium, **total recoverable**	<1.8		V		5.0	µg/L	GE	EPA601oA
0	**Silica,** total **recoverable**	17,5(NJ	J	CV		100	µg/L	GE	**EPA6010A**
0	**Silver, total recoverable**	<2.0				2.0	µg/L	GE	**EPA6010A**
0	Sodium. **total recoverable**	5,370		V		100	µg/L	GE	**EPA6010A**
0	**Sulfate**	1,390				1,000	µg/L	GE	**EPA300.0**
0	1,1 ,2,2-Tetrachloroethane	<0.050				0.0s0	µg/L	GE	**EPA8260**
0	**Tetrachloroethylene**	<0.0s0				0.050	µg/L	GE	EPA6260
0	**Thallium, total recoverable**	<s.0				5.0	µg/L	GE	EPA601OA
0	**Toluene**	<0.12		V		0.50	µg/L	GE	EPA6260
0	**Total dissolved solids**	34,000	J	C		5,000	µg/L	GE	**EPA160.1**
0	**Total organic** carbon	<1,040		V		1.000	µg/L	GE	**EPA415.1**
0	**Total organic halogens**	<lo		V		10	µg/L	GE	**EPA9020B**
0	**Total phosphates (as P)**	660				50	µg/L	GE	**EPA365.4**
0	**1,1,1-Trichloroethane**	<0.050				0.050	µg/L	GE	EPAS260
0	**1,1,2-Trichloroethane**	4.050				0.050	µg/L	GE	**EPA8260**
0	**Trichloroethylene**	<0.050				0.0s0	µg/L	GE	EPA6260
0	**Trichlorofluoromethane**	<0.s0				0.50	µg/L	GE	EPAS260
0	**Vanadium,** total recoverable	1.2	J	E		10	µg/L	GE	EPA601oA
0	**Zinc, total recoverable**	<4.4		v		5.0	µg/L	GE	**EPA6010A**
0	**Actinium-228**	2.0E-09±8.4E-09	UI			1.0E-08	µCi/mL	GP	**EPIA-013**
o	**Americium-241**	-1.2E-11±5.4E-11	UI			2.1E-10	µCi/mL	GP	EPtA-011
0	**Antimony-124**	1.5E-09±1.6E-09	UI			3.1E-09	µCi/mL	GP	**EPIA-013**
0	Antimony-125	-6.3E-104.2E-o9	UI			7.0E-09	µCi/mL	GP	**EPIA-013**
0	**Barium-133**	1.5E-09±1 9E-09	UI			3.4E-09	µCi/mL	GP	**EPIA-013**
o	**Cerium-144**	6.8E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	**EPIA-013**
0	**Cesium-134**	2.4E-10±1.6E-09	UI			2.5E-09	µCi/mL	GP	**EPIA-013**
0	**Cesium-137**	1.7E-10±1.4E-09	UI			2. 5E-09	µCi/mL	GP	**EPIA-013**
0	**Cobalt-57**	6.8E-10±1.3E-09	UI			2.4E-09	µCi/mL	GP	**EPIA-013**
0	**Cobalt-58**	-5.2 E-10±1.6E-09	UI			27E-os	µCi/mL	GP	**EPIA-013**
0	cobalt-so	5.1E-10±1.5E-09	UI			22E-02	µCi/mL	GP	**EPIA-013**
0	Curium-242	-4.3E-12±8.7E-12	UI			1 3E-10	µCi/mL	GP	EPtA-011
0	**Curium-243/244**	2.OE-11~7.2E- 11	UI			2. OE-10	µCi/mL	GP	EPtA-011
0	Curium-2451246	-4.1E-12±8.2E-12	UI			1.2E-10	µCi/mL	GP	EPtA-011
0	**Europium-152**	-2.7 E-09±4.4E-09	UI			72E-02	µCi/mL	GP	**EPIA-013**
0	**Europium-154**	1.7E- 1w39E-03	UI			7.4E-09	µCi/mL	GP	**EPIA-013**
0	**Europium-155**	4.6E-09±5.6E-09	UI			1 0E-08	µCi/mL	GP	**EPIA-013**
0	**Gross alpha**	-2.1 E-1 O*69E-1 1	UI			6.6E-10	µCi/mL	GP	**EPIA-001**
0	**Iodine-129**	-5.7E-11±1.1E-09	UI			1.9E-09	µCi/mL	GP	**EPIA-006**
0	**Lead-212**	3.7E-09±2.8E-09	UI			5.1E-09	µCi/mL	GP	**EPIA-013**
0	**Manganese-54**	-S. OE-1O*1.4E-09	UI			2.3E-09	µCi/mL	GP	**EPIA-013**
0	**Neptunium-237**	26E-1 1±5.5E-11	UI			1.2E-10	µCi/mL	GP	**EPIA-012**
0	**Neptunium-239**	2.8E-09±10E-08	UI			1 8E-08	µCi/mL	GP	**EPIA-013**
0	Nonvolatile beta	1 8E-09±85E- 10				1 6E-09	µCi/mL	GP	**EPIA-001**
0	**Plutonium-238**	1 5E-10±9.6E-11	UI	v		1 3E-10	µCi/mL	GP	**EPIA-012**
0	**Plutonium-239/240**	3.2E-10±1.2E-10				6 1E-11	µCi/mL	GP	**EPIA-012**
0	**Potassium-40**	1.5 E-08±1 9E 06	UI			37E-06	µCi/mL	GP	**EPIA-013**
0	Promethium-1 44	9 1E-10±1.4E-09	UI			26E-09	µCi/mL	GP	EPIA-013

watt HAA 2C collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Tritium	1.3E-06±4.3E-07				6.5E-07	µCi/mL	GP	EPIA-002
o	Uranium-233/234	8.4E-1le7.7E-11	UI			1 OE-10	µCi/mL	GP	EPIA-011
O	Uranium-235	-8.6E-12±1.2E-11	UI			1 .0E-10	µCi/mL	GP	EPIA-011
o	uranium-236	6.9E-12:3.3E-11	UI			1.OE-10	µCi/mL	GP	EfIA-011
o	Yttrium-88	-1.3E-09±2.5E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	-4.1E-09±4.0E-09	UI			6.4E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	4.0E-09±4.1E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013

WELL HAA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/22/95
Depth to water: 16.9 ft (5.15 m) below **TOC**
Water elevation: 276 ft (S4.13 m) **msl**
pH: 4.8
Sp. conductance: 50 µS/cm
Turbidity: 2S3 NTU
Waler **evacuated** from **the** well prior **to sampling:** 5 **gal**

Time: 10:55
Water temperature: 15°C
Air temperature: 8°C
Alkalinity: 3 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	sol.	Unit	Lab	Method
0	pH	5.1	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	5.1	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	29				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	1.0				1,000	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	1.0				1,000	mg/L	GE	EPA310.1
0	Aluminum, total recoverable	<151		v		20	µg/L	GE	EPMO1OA
2	Aluminum, total recoverable	171		v		20	µg/L	GE	EPMO1OA
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Anthony, total recoverable	<5.0				5.0	µg/L	GE	EPMO1OA
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPMo1oA
0	Barium, total recoverable	40		v		3.0	µg/L	GE	EPA601oA
0	Barium, total recoverable	4.0	J	E		25	µg/L	GE	EPMo1OA
0	Barium, total recoverable	3.9		v		3.0	µg/L	GE	EPA601oA
0	Benzene	<0.50				0.50	µg/L	GE	EPM260
0	Beryllium, total recoverable	0.13	J	E		3.0	µg/L	GE	EPA6010A
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPMo1OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601oA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA6010A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA6010A
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPMO1OA
0	Calcium, total recoverable	240				20	µg/L	GE	EPMO1OA
0	Calcium, total recoverable	252				20	µg/L	GE	EPMo1OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	4,870				250	µg/L	GE	EPA300 O
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vhyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl Vhyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	0.060				0.050	µg/L	GE	EPA8260
0	Chloromethane	0.060	J	E		0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	7.4				4.0	µg/L	GE	EPA601OA
0	Chromium, total recoverable	5.7				4.0	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	0.38	J	E		4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	0.43	J	E		4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	1.0	J	E		4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	1.7	J	E		4.0	µg/L	GE	EPMo1oA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	1. 1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1120ktrbroathana	<0.050				0.050	µg/L	GE	EPA8260
0	1 ,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	IranO-l .2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Dichloromethane	0.56				0.50	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichlqropropene	<0 050				0.050	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<1oo				100	µg/L	GE	EPA300.0

Watt HAA 20 collected on 12/22/25 (cont.)

F	Analyte	Result	n	A	B	SOL	Unit	Lab	Method
1	Iron, total recoverable	162				18	µg/L	GE	EPA6010A
0	Iron, total recoverable	123				18	µg/L	GE	EPA6010A
0	Lead, total recoverable	45.0				5.0	µg/L	GE	EPMO1OA
0	Lead, total recoverable	<100				100	µg/L	GE	EPA6010A
0	Lead, total recoverable	<s.0				5.0	µg/L	GE	EPA6010A
0	Lithium, total recoverable	<25				25	µg/L	GE	EPMO1OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	205		v		20	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	200		v		20	µg/L	GE	EPMO1OA"
0	Manganese, total recoverable	3.3				2.0	µg/L	GE	EPA6010A
0	Manganese, total recoverable	<10				10	µg/L	GE	EPA6010A
0	Manganese, total recoverable	3.0				2.0	µg/L	GE	EPMO1OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	4.8	J	E		10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Nickel, total recoverable	4.0	J	E		10	µg/L	GE	EPMO1OA
0	Nitrate e s nitrogen	466	J	IQ	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	370		V		50	µg/L	GE	EPA353.1
0	Nitrite e . nitrogen	<50	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	4.13				0.13	µg/L	GE	EPA8080
0	PCs 1221	4.13				0.13	µg/L	GE	EPM060
0	PCS 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1242	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1254	4.13				0.13	µg/L	GE	EPA8080
0	PCB 12s0	4.13				0.13	µg/L	GE	EPA8080
0	Phenols	<s.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	49	J	E		500	µg/L	GE	EPMO1OA
0	Potassium, total recoverable	56	J	E		500	µg/L	GE	EPMO1OA
0	Selenium, total recoverable	<5.0		I		5.0	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<5.0		I		5.0	µg/L	GE	EPMO1OA
0	Silica, total recoverable	5,670		v		100	µg/L	GE	EPA601OA
0	Silks, total recoverable	5,640		v		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	4.0				2.0	µg/L	GE	EPA601OA
0	Silver, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,330		V		100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,310		V		100	µg/L	GE	EPA601OA
0	Sulfate	349	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	0.24	J	E		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	23,000				5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	12,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<763		V		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	9.2	J	E		10	µg/L	GE	EPM020B
0	Total phosphates (as P)	<50				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	Trichloroethylene	<0.050				0050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.47	J	E		10	µg/L	GE	EPA601OA
0	Vanadium, total recoverable	0.28	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<13		V		50	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<13		V		5.0	µg/L	GE	EPA601OA
0	Actinium-228	8.6E-09±7.9E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Americium-241	4.0E-11*45E-11	UI			76E.1 1	µCi/mL	GP	EPIA-011
0	Antimony-124	-5.1E-10±2.3E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	7.2E-10±5.1E-09	UI			86E-06	µCi/mL	GP	EPIA-013
0	Barium-133	-2.1E-09±2.4E-09	UI			38E-OB	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.7 E-06* 1.4E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.5E-10M.1E-09	UI			32E-06	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.6E-10Q.OE-O6	UI			36E-OS	µCi/mL	GP	EPIA-013
0	cobalt-57	7.2E-10±1.7E-09	UI			29E-03	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.8E-09±2.3E-09	UI			35E4M	µCi/mL	GP	EPIA-013
0	Cobalt-60	-6.7 E-10±1.8E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Curium-242	2.1E-11±3.7E-11	UI			74E- 11	µCi/mL	GP	EPIA-011
0	Curium-2431244	5 IE-11~5.8E-l 1	UI			1.oE-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			24 E-1 1	µCi/mL	GP	EPIA-011
0	Europlum- 152	2.8E 09±6 0E-09	UI			97E-06	µCi/mL	GP	EPIA-013
0	Europlum-154	1 6E-09±4.5E-09	UI			9 0E-09	µCi/mL	GP	EPIA-013
0	Europlum-155	-1.3E- 1O*7.2E-09	UI			1 2E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	1.3E-09±6 4E- 10				63E- 10	µCi/mL	GP	EPIA-001
1	Iodine-129	97E-1w5 3E-10	UI			1 6E-09	µCi/mL	GP	EPIA-006
0	Lead-212	22E-m4 2E-09	UI			55E4M	µCi/mL	GP	EPIA-013

Well HAA 2B collected on 12/22/65 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Promethium-144	-5.5E-10±1.9E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
o	Promethium-146	4.1E-10±2.5E-09	UI			4.4E-09	µCi/mL	(3 P	EPIA-013
0	Radium, total alpha-emitting	4.0E-10±3.0E-10				2.0E- 10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	1.2E-08±1.7E-08	UI			3.2E-08	µCi/mL	GP	EPIA-013
o	Sodium-22	-1.5E-10±1.5E-09	UI			2.92-02	µCi/mL	GP	EPIA-013
o	Strontium-90	-1.6E-03*7.0E-10	UI			9.8E-10	µCi/mL	GP	EPIA-004
O	Technetium-99	-5.4E-09±6.9E-09	UI			1.8E-08	µCi/mL	G P	EPIA-005
o	Thorium-228	1.2E-W5.8E-10	UI	V		3.6E-10	µCi/mL	GP	EPIA-012
o	Thorium-230	9.9E-11±1.6E-10	UI	V		3.0E-10	µCi/mL	GP	EPIA-012
o	Thorium-232	0.0E+00	UI			1.7E-10	µCi/mL	GP	EPIA-012
o	Thorium-234	46E-06*9 8E-08	UI			1.7E-07	µCi/mL	GP	EPIA-013
O	Tin-113	1 4E 09±2.2E-09	UI			4.1E-09	µCi/mL	(3 P	EPIA-013
O	Tritium	2.5E-07*39E-07	UI			6.5E-07	µCi/mL	GP	EPIA-002
O	Uranium-233/234	6.7E-11*87E-1 1	UI			1.5E-10	µCi/mL	GP	EPtA-011
0	Uranium-233/234	7.5E-12±3 SE-1 1	UI			1.1E-10	µCi/mL	GP	EPtA-011
O	Uranium-235	2.IE-11*4.3E- 11	UI			6.4E-11	µCi/mL	GP	EPtA-011
0	Uranium-235	6.2E-11±6.7E-11	UI			9.0E-11	µCi/mL	GP	EPtA-011
0	Uranium-238	2.IE.11*4.2E-1 1	UI			6.4E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	-4.5E-12±9.1E-12	UI			9.0E-11	µCi/mL	G P	EPtA.011
0	Yttrium-88	-3.2E-10±2.2E-09	UI			4.1E-09	µCi/mL	G P	EPIA-013
o	Zinc-65	-3.5E-Iti35E-02	UI			6.7E-09	µCi/mL	G P	EPIA-013
o	Zirconium-95	-1.8E-10±3.5E-09	UI			6.4E-09	µCi/mL	G P	EPIA-013

WELL HAA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/22/95 — **Time: 8:54**
Depth to water: 3S.8 ft 1(1 .S3 m) below TOC — **Water temperature: 15°C**
Waler elevation: 253.7ft(77.33 m) **msl** — **Air temperature: 1.7°C**
pH: 6.2 — **Alkalinity: 1 mg/L**
Sp. conductance: 32 µS/cm — **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 1 NTU
Water evacuated from the **well prior to sampling:** 39 gel

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.7	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	22				0.30	µS/cm	GE	EPA120. 1
0	Alkalinity (as CaCO3)	2.0				1,000	mg/L	GE	EPA310.1
0	Aluminum, total recoverable	<62		V		20	µg/L	GE	EPA601OA
0	Ammonia nitroogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<2.3		V		5.0	µg/L	GE	EPA601OA
0	Arsenic tota recove ble	<5.0				5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	5.2		V		3.0	µg/L	GE	EPA8010A
0	Benzene	<0s0				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0050	µg/L	GE	EPA8260
0	Bromomethane	0.060	J	E		0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	849				20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA6260
0	Chloride	2,040				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0,050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chloroethene (Vinyl chloride)	0.050	J	E		0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA6260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA6260
0	Chloromethane	0.060	J	E		0.10	µg/L	GE	EPA6260
0	Chromium, total recoverable	5.2				4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	1.1	J	E		4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	2.4	J	E		4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,2-Dichloroethane	4.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	0.60				0.50	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0.050				0050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<0 050				0050	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Fluoride	<1oo				100	µg/L	GE	EPA300.0

Well HAA 2C collected on 12/22/95 (conl.)

F	Analyte	Result	R	A	B	sol.	Unit	Lab	Method
0	Iron, total recoverable	77				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	1.7	J	E		5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	t3E	EPA601OA
0	Magnesium, total recoverable	231		v		20	µg/L	GE	EPA601OA
1	Manganese, total recoverable	46				2.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	3.2	J	E		10	µg/L	GE	EPA6010A
0	Nitrate as nitrogen	492	J	Q	L	20	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	500		v		50	µg/L	GE	EPA353.1
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	4.13				0.13	µg/L	GE	EPA6060
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA6060
0	PCS 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	130	J	E		500	µg/L	GE	EPA601oA
0	selenium, total recoverable	<5.0		I		5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	9,090		v		100	µg/L	GE	EPA6010A
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2.200		v		100	µg/L	GE	EPA601OA
0	Sulfate	712	J	E		1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	4.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	t3E	EPA601oA
0	Toluene	0.24	J	E		0.50	µg/L	GE	EPA6260
0	Total dissolved solids	19,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1,000				1,000	µg/L	GE	EPA415.1
0	Total organic halogens	13				10	µg/L	t3E	EPA9020B
0	Total phosphates (as P)	140				50	µg/L	GE	EPA365.4
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0050	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.32	J	E		10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	<11		V		50	µg/L	GE	EPA6010A
0	Actinium-228	9.2E-09±8.9E-09	UI			1 4E-06	µCi/mL	GP	EPtA-013
0	Americium-241	29E-1 1±4.9E-11	UI			9.8E-11	µCi/mL	GP	EPIA-011
0	Antimony- 124	1.4 E-10±2.2E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-7.1E-10±5.1E-09	UI			9.02-03	µCi/mL	GP	EPIA-013
0	Barium-133	1.6E-09±2.5E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.4E-09±1.4E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.0E-09±2.0E-09	UI			3.3E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-9.6E-10±2.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1. 1E-09±2.0E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	cobalt-52	9.3E-10±2.1E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	cobalt-60	4.7E-10±1.7E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-9.0E-14±2.2E-11	UI			6.9E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.5E-11±7.4E-11	UI			1.5E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.3E-12±1.7E-11	UI			2.5E-11	µCi/mL	GP	EPtA-011
0	Europium- 152	2.9E-09±5.1E-09	UI			9.6E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.6E-10±5.2E-09	UI			9.6E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-4.5E-09±8.9E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	4.1E-10±4.5E-10	UI			7.8E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.7E-10±1.1E-09	UI			1.9E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			7.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	2.1E-10±1.8E-09	UI			3.4E-09	µCi/mL	(3P	EPIA-013
0	Neptunium-237	2.4E-11*3.5E-1 1	UI			6 1E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-1.2E-08±1.4E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.7 E-10±7.6E-10	UI			1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.1 E-1 M1.7E-10	UI			3.4E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	7.1E-11±1.2E-10	UI			2 2E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.7E-08±2.4E-08	UI			5 0E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1 2E-11~1.8E-06	UI			32E@6	µCi/mL	GP	EPIA-013
0	Promethium-146	4.7E.10A.4E-O2	UI			43E-02	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	-1. 0E-10±2 OE-10	UI			2 0E-10	µCi/mL	GP	EPIA-010
0	Ruthenium- 106	-5.5E-09±1.8E-08	UI			3 0E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	7.0E-11±1.9E-09	UI			35E@2	µCi/mL	GP	EPIA-013
0	Strontium-90	6.6E-ICb58E-10	UI			94E- 10	µCi/mL	GP	EPIA-004
0	Technetium-99	6.7E-09±7.7E-09	UI			1 8E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.IE-Itk26E-10	UI	v		27E-10	µCi/mL	GP	EPIA-012
0	Thorium-2~	79E-Illl 2E-10	UI	v		1 9E- 10	µCi/mL	GP	EPIA-012
0	Thorium-232	O 0E+00	UI			1 3E-10	µCi/mL	GP	EPIA-012
0	Thorium-234	1.7E-07±1.0E-07	UI			1 9E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-2.3ETr9i24E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013

Well HAA 2AA collected on 12/21/95 (Cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Neptunium-237	4.8E-11±6.0E-1 1	UI			9.9E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-4.0E-09±7.4E-09	UI			1.3E-08	µCi/mL	GP	EPIA-01 3
0	Nonvolatile beta	1.0E-08±1.5E-09				1.7E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.5E-1U1,6E.1O	UI	v		2.4E.1O	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	S.4E-11*8.2E-1 1	UI			1.SE-10	µCi/mL	GP	EPIA-012
0	Potassium-40	0.0E+00	UI			2.5E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-3. 1E-10A9.5E-10	UI			1.6E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	3.5E-11±1.2E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	.3,W-WXM)E-1O	UI			4.2E-10	µCi/mL	GP	EPIA-O10
0	Radium, total ● m-amittlng	1.0E-10±3.0E-10	UI			3.OE-10	µCi/mL	GP	EPIA-O10
0	Ruthenium-106	4.3E-09±9.4E-09	UI			1.7E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-4.OE.1W.5E-1O	UI			1.6E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.4E-09±7.3E-10				6.9E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-7.4E-09±6.5E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-4.2E-13*7.IE-11	UI			1.9E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	8.7E-1 I*?.SE-I 1	UI	v		9.8E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-3.5E-12±7.0E-12	UI			7.4E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	1.4E-08±8.1E-08	UI			6.8E-08	µCi/mL	GP	EPIA-013
0	Tin-113	-7.0E-10±1.2E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Tritium	-2.3E-07±3.8E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.2E-10±6.6E-11				7.6E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.1E-11±2.2E-11	UI			4.6E-11	µCi/mL	GP	EPtA-011
0	Uranium-238	3.7E-11±3.3E-11				2.2E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.2E-10±9.7E-10	UI			1.8E-09	µCi/mL	GP	EPIA-013
0	zinc-55	1.3E-09±2.1E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.4E-09±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013

WELL HAA 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/22/95 **Time: 8:15**
Depth to water: 42 ft 12.8 m) below TOO water **temperature:** ●pot **available**
Waler **elevation:** 2 ft (12.8 m) b) mat **Air temperature: 6.9°C**
pH: Not available '51 ft (76.51 r **Alkalinity: Not available**
Sp. conductance: **Phenolphthalein alkalinity: 0 mg/L**
Turbidity Nol ava**Not available**
Water evacuated from the well prior to sampling: gal
The well went dry before sampling began.

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	7.0	J	o	L	0.010	pH	GE	E 50
0	Specil10 conductance	131				0.30	µS/cm	GE	E 20
0	Alkalinity (as CaCO3)	44				1,000	mg/L	GE	EPA3
2	Aluminum, total recoverable	246		v		20	µg/L	GE	E A60 0A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA35
0	Antimony, Idal recoverable	<1.0		v		5.0	µg/L	GE	EPA60
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA60
0	Barium, total recoverable	13		v		3.0	µg/L	GE	E A60 0A
0	Benzene	<0.50				0.50	µg/L	GE	E A8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPA60 0A
0	Boron, total recoverable	21	J	E		50	µg/L	GE	E A60
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0050	µg/L	GE	E A8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.20	J	E		2.0	µg/L	GE	E A60
0	Calcium, total recoverable	9,360				20	µg/L	GE	E A60
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	E A8 60
0	Chloride	2,540				250	µg/L	GE	E A300
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8 60
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8 60
0	Chloroethene (Vin lychloride)	0.040	J	E		0.10	µg/L	GE	E A8260
0	2-Chloroethyl viny lether	<1,0				1.0	µg/L	GE	E A8260
0	Chloroform	0.11				0.050	µg/L	GE	EPA8260
0	Chloromethane	0.60	J	E		0.10	µg/L	GE	E A8260
0	Chromium, total recoverable					4.0	µg/L	GE	E A60 0A
0	Cobalt, total recoverable	0.57	J	E		4.0	µg/L	GE	E A60
0	Copper, total recoverable	2.3	J	E		4.0	µg/L	GE	EPA60 0A
0	Cyanide	<lo				10	µg/L	GE	EPA33
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	E A8 60
0	1,1-Dichloroethane	<0 050				0.050	µg/L	GE	A8 60
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	A8260
0	1,1 -Dichloroethylene	<0.050				0.050	µg/L	GE	PA8260
0	trans- 1 ,2-Dichloroethylene	<0.050				0.050	µg/L	GE	A8 60
0	Dichloromethane	0.56				0.50	µg/L	GE	PA8 60

watt HAA 2B collected on 12/22/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	1,2 Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	cis 1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	492				100	µg/L	GE	EPA300.0
2	Iron, total recoverable	398				18	µg/L	GE	EPA601OA
0	Lead, total recoverable	2.6	J	E		5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA6010A
0	Magnesium, total recoverable	4B5		v		20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	17				2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	9.2	J	E		10	µg/L	GE	EPA6010A
0	Nitrate e s nitrogen	1s1	J	IQ	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	120		v		50	µg/L	GE	EPA353.1
0	Nitrite e s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12s4	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13				0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	1,770				500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<2.5		IV		5.0	µg/L	GE	EPA6010A
0	Silica, total recoverable	37,400		V		100	µg/L	GE	EPA6010A
0	silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	10,400		v		100	µg/L	GE	EPA601OA
0	Sulfate	8,090				1,000	µg/L	GE	EPA300.0
0	1, 1,2,2-Tetrachloroethane	<0.050				0050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	0.22	J	E		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	102,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	463	J	E		1,000	µg/L	GE	EPA415.1
0	Told organic halogens	7.4	J	E		10	µg/L	GE	EPA9020B
0	Total organic halogens	7.s	J	E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	1,700				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA5260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	3.8	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<6.1		v		5.0	µg/L	GE	EPA6010A
0	Actinium-228	7.6E-09±7.3E-09	UI			1.4E-08	µCi/mL	GP	EPIA-013
0	Americium-241	5.3E-11±4.8E-1 1	UI			7.4E-11	µCi/mL	GP	EPIA-011
0	Americium-241	-1.2E-11±4.0E-11	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	-2.2E-10±2.1E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-3. 1E-09±5.0E-09	UI			8 1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	8.7E-10±2.2E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-3.7E-09±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.7E-09±2 0E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.1E-09±1.8E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	cobalt-57	-2.4E-10±1.7E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.1E-10±2.0E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1 .2E-09±1.6E-09	UI			2. 8E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-7.9E-12±2.9E-11	UI			8.5E-11	µCi/mL	GP	EPIA-011
0	curbm-242	-1 .7E-13±2.9E-11	UI			8.0E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	-7.7E-12±4.4E-11	UI			1. IE-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.8E-114,4E-1 1	UI			1.3E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			2.1E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	7.7E-12±1.6E-11	UI			2.3E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-2.9E-09±5.3E-09	UI			8.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.6E-10±4.0E-09	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium- 155	5.3E-10±6.9E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross ● lpha	1.9E-10±4.2E-10	UI			7.2E-10	µCi/mL	GP	EPIA-001
0	Gross lpha	4. OE-1*3.6E-1O	UI			62E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-1.1 E-1 O*7.1E-10	UI			1 3E-09	µCi/mL	GP	EPIA-006
0	Lead-212	46E-02i4.7E-09	UI			66E-02	µCi/mL	GP	EPIA-013
0	Manganese-54	2.9E-10±1.8E-09	UI			33E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	4.2E-11*4.2E-1 1				3 2E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	6 0E-09±1.2E-08	UI			22E-06	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	23E-0%6 8E-10				1.1E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.6E-09±7.1E-10				1.1E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-4.9E-11±5.0E-11	UI			5 5E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	0.0E+00	UI			25E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.OE-08*25E06	UI			52E.08	µCi/mL	GP	EPIA-013

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Well HAA 2A collected on 12/21/35 (cont.)

F	Analyte	Rem/a	R	A	B	SOL	Unit	Lab	Method
0	Thorium-230	8.2E-11*67E.1 1	UI	v		4.1E-11	µCi/mL	GP	EPIA-012
o	Thorium-232	2.4E-11±3.9E- 11	UI			7.3E-11	µCi/mL	GP	EPIA-012
o	Thorium-234	0.0E+00	UI			1.5E-07	µCi/mL	GP	EPIA-013
0	pI-in-3	-2.0E-10±2.0E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0		-2.3E-07±3.8E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
O	Uranium-233/234	7.OE-11*5.OE-1 1				2.6E-11	µCi/mL	GP	EPIA-011
O	Uranium-235	1.8E-11±2.5E-11	UI			2.65-11	µCi/mL	GP	EPIA-011
o	Uranium-238	2.6E- 11*3.OE-11	UI			2.6E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.1E-09±2.4E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.5E-09±3.3E-09	UI			5. SE-03	µCi/mL	GP	EPIA-013
O	Zirconium-95	1.1E-09±2.9E-09	UI			5.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 2AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date **12/21/95** **Time:** 1035
Depth to water: **115.8 ft** (35.3 m) **below** TOC **Water temperature: 30°C**
Water elevation: 177.6 **ft** (54.13 m) **msl** **Air temperature: 4.3°C**
pH: 11.4 **Alkalinity: 118 mg/L**
Sp. conductance: 5s0 **µS/cm** **Phenolphthalein alkalinity: 110 mg/L**
Turbidity: O NTU
Water evacuated from **the** wall **prior to** sampling: 55 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	pH	12	J	Q	L	0.010	pH	GE	EPA150.1
2	Specific conductance	712				0.30	µS/cm	GE	EPA120.1
2	Specific conductance	712				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	161		v		1,000	mg/L	GE	EPA31O.1
2	Aluminum, total recoverable	3,240				20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	20	J	E		60	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	2.0	J	E		5.0	µg/L	GE	EPA501oA
0	Barium, total recoverable	40				3.0	µg/L	GE	EPA601OA
0	Benzene	<0.s0				0.60	µg/L	GE	EPM260
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<3.0				3.0	µg/L	GE	EPASO1OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	*Cadmium,* total recoverable	0.20	J	E		2.0	µg/L	GE	EPA501oA
0	Calcium, total recoverable	64,600		V		20	µg/L	GE	EPA501oA
0	*Carbon* tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	1,640		v		250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA62B0
0	Chloroethane	4.10				0.10	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vl chloride	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vl y:hloride1	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA6260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPASO1OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA6250
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	1.1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260

Welt HAA 2M collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Dichloromethane	<0s0				0.s0	µg/L	GE	EPA6260
0	Dichloromethane	<0s0				0.s0	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	12-Didhopropane	4.050				0.050	µg/L	GE	EPA6260
0	cis- 1,3-Dichyropropene	<0050				0.050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0050				0.0s0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.0s0				0.050	µg/L	GE	EPA6260
0	Irons- 1,3-Dichloropropene	<0.050				0.0s0	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.0s0	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Fluoride	415				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
1	Lithium, total recoverable	31				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	17	J	E		20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	0.67	J	EV		2.0	µg/L	GE	EPA8010A
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	0.84	J	E		10	µg/L	GE	EPA601OA
0	Nitratee s nitrogen	<10	J	Q	L	10	µg/L	GE	EPA300 O
0	Nitrate-nitrite e . nitrogen	<20		V		50	µg/L	GE	EPA353.1
o	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	4.13				0.13	µg/L	GE	EPA6060
0	PCB 1242	4.13				0.13	µg/L	GE	EPA6060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	cl		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	3,970		v		500	µg/L	GE	EPA501oA
0	Selenium, total recoverable	<s o				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	11,600	J	CV		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	5,030		v		100	µg/L	GE	EPA601OA
0	Sulfate	11,600				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	4050				0.050	µg/L	GE	EPA6260
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
o	Tetrachloroethylene	<0.050				0050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	ThatSum, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Toluene	<0.12		v		0.50	µg/L	GE	EPA8260
0	Toluene	<0.12		V		0.50	µg/L	GE	EPA6260
0	Total dissolved solids	190,000	J	C		5.000	µg/L	GE	EPA1601
0	Total organic carbon	<957		V		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<50				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1, 1-Trichloroethane	4.050				0.050	µg/L	GE	EPA6260
0	1, 1,2-Trichloroethane	<0.050				0050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	4.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA6260
0	Vanadium, total recoverable	18				10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Actinium-228	2.8E-09±6.3E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Americium-241	-3.7E-11±2.4E-11	UI			2.OE-10	µCi/mL	GP	EPIA-011
0	Antimony-124	-4 6E-10±1.3E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-5.8E-10±2.4E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-4.3E-10±1.3E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	2.5E-10±7.5E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Cesium- 134	5.2E-10A1.1E-02	UI			1.7E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.5E-10±9.8E-10	UI			1.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.3E-1W9.9E-1O	UI			1.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58 "	-2.0E-10±1.1E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.4E-10±9.1E-10	UI			1.7E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-4.4E-12*5.IE-11	UI			1 9E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-2.6E-11~.OE- 11	UI			1.8E-10	µCi/mL	GP	EPIA.011
0	Curium-245/246	1 8E-11±4.4E-11	UI			1.1E-10	µCi/mL	GP	EPIA.011
0	Europium-152	1.1E-10±2.5E-09	UI			45E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1 2E-09±2.6E-09	UI			4.4E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.4E-09±41E-09	UI			7.3E-09	µCi/mL	GP	EPIA-013
0	Gross lpha	56EI&7.5E 10	UI			1 3E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	34 E-11*6.5E-1O	UI			1 2E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.4 E-09±3.3E-09	UI			28E@2	µCi/mL	GP	EPIA-013
0	Manganese-54	-6 4E-10*1.1Eo9	UI			1 5E-09	µCi/mL	GP	EPIA-013

Well HAA 1TA collected on 12/26/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Technetium-99	6.5E-09±8.3E-09	UI			1.4E-08	µCi/mL	TM	EICHROM
0	Technetium-99	2.6E-08±9 0E-09				1.4E-08	µCi/mL	TM	EICHROM
0	Thorium-228	8.4E-10±2.1E-10	UI	V		1.sE-10	µCi/mL	GP	EPIA-012
0	Thorium-228	1.2E-10±1.7E-10	UI			2.7E-10	µCi/mL	TM	EMLTH01M
0	Thorium-230	3.1E-10±1.3E-10	UI	V		9.8E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	2.4E-10±2.4E-10	UI	V		32E-10	µCi/mL	TM	EMLTH01M
0	Thorium-232	6.3E-12±2.9E-11	UI			8.0E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	0.0E+00	UI			1.6E-10	µCi/mL	TM	EMLTH01M
1	Thorium-234	2.2E-07±1.6E-07	R			1.2E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	2.9E-08±1.2E-07	UI			9.2E-08	µCi/mL	TM	EPA901.1M
0	Tin-113	-1.1E-09±2.2E-09	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Ttn-113	-9.5E-10±5.1E-09	UI			8.8E-09	µCi/mL	TM	EPA901.1M
0	Tritium	-3.3E-07±3.8E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Tritium	-4.2E-07±3.1E-07	UI			6.2E-07	µCi/mL	TM	EPA906.0M
0	Uranium-233/234	1.7E-10±1 OE-10	UI	V		1.2E-10	µCi/mL	GP	EPtA-011
0	Uranium-234	1.1E-10±1.6E-10	UI			3.4E-10	µCi/mL	TM	EMLU02M
0	Uranium-235	-2.0E-11±2.3E-11	UI			1.2E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	0.0E+00	UI	C		1.9E-10	µCi/mL	TM	EMLU02M
0	Uranium-238	1.5E.104.4E-11				8.3E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	6.0E-11±1.1E-10	UI			1.5E-10	µCi/mL	TM	EMLU02M
0	Yttrium-88	-2.5E-10±1.5E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.6E-09±4.3E-09	UI			8.4E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	-2.8E-09±3.5E-09	UI			5.8E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.0E-11±1.0E-08	UI			1.6E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	5.0E-10±4.7E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	1.5E-09±8.6E-09	UI			1.5E-08	µCi/mL	TM	EPA901.1M

WELL HAA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/2?1/s5
Depth to water: 116 ft (35.36m) below TOC
Water elevation: 177.3 ft (5404m) msl
pH: 6
Sp. conductance: 48 µS/cm
Turbidity: 0 NTU
Water evacuated from the **well** prior **to sampling:** 27 gal

Time: 10:03
Waler **temperature:** 28*C
Air temperature: 2.8°C
Alkalinity: 8 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.1	J	Q	L	0.010	pH	GE	E 50
0	Specific conductance	50				0.30	µS/cm	GE	E 20
0	Alkalinity (as CaCO3)	13		V		1,000	mg/L	GE	EPA3
0	Aluminum, total recoverable	<20				20	µg/L	GE	EPA80 0A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA60
0	Arsenic, total recoverable	3.1	J	E		5.0	µg/L	GE	EPA60 0A
0	Barium, total recoverable	13				3.0	µg/L	GE	EPA60 0A
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.069	J	E		3.0	µg/L	GE	EPA60 0A
0	Boron, total recoverable	<50				50	µg/L	GE	EPA60 0A
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	E A8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8 60
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.096	J	E		2.0	µg/L	GE	EPA60
0	Calcium, total recoverable	6,050		v		20	µg/L	GE	EPA80 0A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,610		V		250	µg/L	GE	EPA300
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (tiny chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	E 8260
0	Chloroform	<0.050				0.050	µg/L	GE	E A8260
0	Chloromethane	<0.10				0.10	µg/L	GE	E A8260
0	Chromium, total recoverable	1.5	J	E		4.0	µg/L	GE	E A60
0	Cobalt, total recoverable	0.72	J	E		4.0	µg/L	GE	E A60
0	Copper, total recoverable	4.9				4.0	µg/L	GE	A60
0	Cyanide	<10				10	µg/L	GE	E A335
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	E A8 60
0	1,1-Dichloroethane	<0 050				0.050	µg/L	GE	A8 60
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	A8260
0	1,1-Dichloroethylene	<0.050				0050	µg/L	GE	A8 60
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	A8 60
0	Dichloromethane	<0.50				0.50	µg/L	GE	PA8 60
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	PA8 60

Well HAA 2A collected on 12/21/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPM260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	141				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPMo1oA
0	Lithium, total recoverable					25	µg/L	GE	EPMo1oA
0	Magnesium, total recoverable	399				20	µg/L	GE	EPA601oA
2	Manganese, total recoverable	79		V		2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	2.9	J	E		10	µg/L	GE	EPMO1OA
0	Nitrate e s nitrogen	33	J	Q	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite e s nitrogen	<20		V		50	µg/L	GE	EPA353.1
0	Nitrite e . nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCs 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPM060
0	PCS 1242	<0.13				0.13	µg/L	GE	EPM060
0	PCS 1248	<0.13				0.19	µg/L	GE	EPM060
0	PCB 12S4	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	cI		0.13	µg/L	GE	EPA6060
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	581		v		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	23,900	J	Cv		100	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	2,120		v		100	µg/L	GE	EPA6010A
0	Sulfate	3,560				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPM260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Toluene	<0.10		V		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	36,000	J	C		5,000	µg/L	GE	EPA160.1
0	Total organic carbon	<1,060		V		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<3.5		V		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	420				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	t,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPM260 ‘
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.69	J	E		10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	<11		v		5.0	µg/L	GE	EPA601oA
0	Actinium-228	7.7E.lea@.4E4)3	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3.5E-11*6,7E-1 1	UI			1.5E-10	µCi/mL	GP	EPIA-011.
0	Antimony-124	1.2E-09±1.6E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
0	Antimony-12s	1.1E-09±4.0E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.9E-09±2.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.1E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	6.4E-11±1.6E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.8E-09±1.4E-09	UI			2 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.9E-11±1.5E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	7.6E-10±1.7E-09	UI			3. 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.9E-10±1.5E-09	UI			28E-09	µCi/mL	GP	EPIA-013
0	Curium-242	02E-1&5.2E-1 1	UI			1.7E- 10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-3.lE-11*7.5E-1 1	UI			2.7E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			7. 0E- t 1	µCi/mL	GP	EPtA-011
0	Europium-152	-1.4E-09±4.1E-09	UI			7. 1E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.7E-10±3.9E-09	UI			7.2E-09	µCi/mL	GP	EPIA-013
0	Europium-155	5.5E-09±6.4E-09	UI			1. 1E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	-5 0E-10±2.4E-10	UI			1. 1E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	-5.1E-11±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-008
0	Lead-212	1.2E-09±4.5E-09	UI			4.9E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	7.2E-10±1 6E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	6.9E-11±6.1E-11	UI			7.OE-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	-2.4E-09±1.2E-08	UI			1 9E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile bata	2.7E-O%9.3E.1O				16E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.0E-10±7 0E-1 1	UI	V		8.4E-11	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	2.9E-10±1.1E-10				2.9E-11	µCi/mL	GP	EPIA-012
0	Potassium-40	2.5E-08±1.9E-08	UI			38E-06	µCi/mL	GP	EPIA-013
0	Promethium- 144	-2.2E-1O*1.7E-O9	Ut			26E-06	µCi/mL	GP	EPIA-013
0	Promethium-l 46	1.4E-09±2.0E-09	UI			37E4M	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	O 0E+00±2.0E 10	UI			1.9E-10	µCi/mL	GP	EPIA-01Q
0	Ruthenium- 106	-2 6E-10±1.4E-08	UI			25E-06	µCi/mL	GP	EPIA-013
0	Sodium-22	1.4 E- 10±14E-09	UI			26E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-5.3E-10±2.9E-10	UI			7.1E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.3E-09±7.1E-09	UI			1 7E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.4E-12±4 4E-11	UI			1 3E-10	µCi/mL	GP	EPIA-012

Well HAA 11A collected on 12/28/95 (cont.)

F	Analyte	Result	R	A	B	Sol.	Unit	Lab	Method
o	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Dichloromethane	1.3				0.50	µg/L	GE	EPA6260
0	Dichloromethane	<4.3		v		5.0	µg/L	WA	EPA5240
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<5.0				5.0	µg/L	WA	EPA8240
0	cis-1,3-Dichloropropene	4.050				0.050	µg/L	GE	EPAB260
0	cis-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPA6240
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPAB240
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6250
0	Ethylbenzene	<5.0				5.0	µg/L	WA	EPA8240
0	Fluoride	82	J	E		100	µg/L	GE	EPA300.0
0	Fluoride	99				27	µg/L	WA	EPA340.2
1	Iron, total recoverable	240				18	µg/L	GE	EPA601OA
2	Iron, total recoverable	352		v		26	µg/L	WA	CLP-M
0	lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Lead, total recoverable	<13				13	µg/L	WA	CLP-M
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Lithium, total recoverable	11		v		1.2	µg/L	WA	CLP-M
0	Magnesium, total recoverable	526				20	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	554		v		10	µg/L	WA	CLP-M
0	Manganese, total recoverable	14		v		2.0	µg/L	GE	EPA601OA
0	Manganese, total recoverable	13		v		5.7	µg/L	WA	UP-M
0	Mercury, total recoverable	0.049	J	E		0.20	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	UP-M
0	Nickel, total recoverable	<lo				10	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<5.4				5.4	µg/L	WA	UP-M
0	Nitrate as nitrogen	<10				10	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	<60				60	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	<10		v		50	µg/L	GE	EPA353.1
0	Nitmte-nitrite as nitrogen	<60				60	µg/L	WA	EPA353.2
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300 O
0	Nitrite as nitrogen	<20	J	O		20	µg/L	WA	EPA353.2
0	PCB 1016	4.13				0.13	µg/L	GE	EPAB060
0	PCB 1016	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<2.1				2.1	µg/L	WA	EPABOSO
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1246	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 12S4	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1260	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<1.1				1.1	µg/L	WA	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Phenols	<24				24	µg/L	WA	EPA420.2
0	Potassium, total recoverable	1,120		v		500	µg/L	GE	EPA601OA
0	Potassium, total recoverable	1,120				2s6	µg/L	WA	UP-M
0	Selenium, total recoverable	<2.0		v		5.0	µg/L	GE	EPA501OA
0	Selenium, total recoverable	<19				19	µg/L	WA	CLP-M
0	Silks, total recoverable	14,900		v		100	µg/L	GE	EPA6010A
0	Silks, total recoverable	17,600		v		67	µg/L	WA	CLP-M
0	Silver, total recoverable	<2.0		I		2.0	µg/L	GE	EPA6010A
0	Silver, total recoverable	<0.56		v		1.4	µg/L	WA	W - M
0	Sodium, total recoverable	2,200				100	µg/L	GE	EPA601OA
0	Sodium, total recoverable	2,700		v		4.7	µg/L	WA	W - M
0	Sulfate	9,570		I		1,000	µg/L	GE	EPA300.0
0	Sulfate	9,560				1,960	µg/L	WA	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPAB260
0	1,1,2,2-Tetrachloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPAB260
0	Tetrachloroethylene	<5.0				5.0	µg/L	WA	EPA6240
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
0	Thallium, total recoverable	<17				17	µg/L	WA	CLP-M
0	Toluene	0.24	J	E		0.50	µg/L	GE	EPA8260
0	Toluene	<5.0				5.0	µg/L	WA	EPA6240
0	Total dissolved solids	<47,000	J	QV	L	5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	47,000				42,800	µg/L	WA	EPA160.1
0	Total organic carbon	<853		v		1,000	µg/L	GE	EPA415 1
0	Total organic carbon	<2.100				2,100	µg/L	WA	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total organic halogens	<161				161	µg/L	WA	SW9020B
o	Total phosphates (as P)	<160		v		50	µg/L	GE	EPA365.4
0	Total phosphates (as P)	155		v		30	µg/L	WA	EPA3652

Well HAA ITA collected on 12/23/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<5.0				5.0	µg/L	WA	EPAB240
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8250
0	Trichlorofluoromethane	<5.0				5.0	µg/L	WA	EPA8240
0	Vanadium, total recoverable	<lo				10	µg/L	GE	EPA601OA
0	Vanadium, total recoverable	<13				13	µg/L	WA	UP-M
0	Xylenes	<5.0				5.0	µg/L	WA	EPA8240
0	Zinc, total recoverable	7.1				5.0	µg/L	GE	EPA601OA
0	Zinc, total recoverable	7.7		v		9.7	µg/L	WA	CLP-M
0	Actinium-228	4.4E-09±5.8E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	9.0E-09±2.1E-08	UI			2.9E-08	µCi/mL	TM	EPA901.1M
0	Americium-241	6.8E-11*6.7E-1 1	UI			1.1E-10	µCi/mL	GP	EPIA-011
0	Americium-241	2.2E-10±2.6E-10	UI			5.SE-10	µCi/mL	TM	EMLAM01M
0	Antimony-124	1.2E-09±1.9E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	2.OE-11*5.5E-06	UI			9. SE-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	-1.1E-09±4.1E-09	UI			7.3E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	3.8E-09±1.1E-08	UI			1.9E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	-2.2E-10±2.4E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Barium- 133	-2.0E-09±5.3E-09	UI			6.1E-09	µCi/mL	TM	EPA901.1M
0	Cerium-144	6.4E-09±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	1.6E-09±2.1E-08	UI			3.4E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-1.2E-09±1.8E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.5E-08±5.5E-09	UI			7.1E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	1.1E-09±1.8E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.5E-09±4.4E-09	UI			7. 8E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-3.3E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.0E-09±2.6E-09	UI			4.0E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	2.1E-09±1.7E-09	In			3.6E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	-1.2E-09±5.0E-09	UI			8.4E-09	µCi/mL	TM	EPA901.1M
0	cobalt-so	-2.4E-10±1.5E-09	UI			26E-OB	µCi/mL	GP	EPIA-013
0	cobalt-so	1.2E-09±4.3E-09	UI			7 BE-w	µCi/mL	TM	EPA901.1M
0	Curium-242	-1.1E-11±3.0E-11	UI			1. 0E.10	µCi/mL	GP	EPIA-011
0	Curium-243/244	5.32-11	UIJ	c		1.3E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	0.0E+00	UI			66E-10	µCi/mL	TM	EMLAM01M
0	Curium-245/246	-4.9E-12±9 9E-12	UI			6.2E-11	µCi/mL	GP	EPIA-011
0	Europium-152	.3.3E-ltk48E-06	UI			8.1E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-4.5E-09±2.9E-08	UI			462-06	µCi/mL	TM	EPA901.1M
0	Europium-154	4.6E-09±5.1E-09	in			7.2E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-7 4E-09±1.3E-08	UI			2.1E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-7.5E-09±8. 1 E-09	UI			1.0E-08	µCi/mL	GP	EPIA-013
0	Europium-155	8.8E-10±1.0E-08	Ui			1.2E-08	µCi/mL	TM	EPA901.1M
0	Gross alpha	2.6E-W9.8E-1O				6.6E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.6E-09±1.4E-09				63E-10	µCi/mL	TM	EPA900.0M
0	Iodine-129	-2.0E-11±1.1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	-2. 1E-07±4.7E-08	UI			6.02-06	µCi/mL	TM	EPA901.1M
0	Lead-212	2.0E-09±5.2E-09	UI			6.2E-09	µCi/mL	GP	EPIA-013
0	Load-212	1.5E-08±9.3E-09	J		H	9.5E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-1 .3E-09±1.5E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.0E-09±4.2E-09	UI			6.62-09	µCi/mL	TM	EPA901.1M
0	Neptunium-237	4.4E-11*l.4E-1O	UI			4.02-10	µCi/mL	GP	EPIA-012
1	Neptunium-237	3.6E-09±1.9E-09				S.3E-10	µCi/mL	TM	EMLPU02M
0	Neptunium-239	7.5E-09±1.1E-08	UI			2.0E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.4E-09±1.1E-09				1.8E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.7E-09±2.0E-09	J		L	8.OE-10	µCi/mL	TM	EPA900.0M
0	Plutonium-238	1.8E-10±1.5E-10	UI	V		2.5E-10	µCi/mL	GP	EPIA-012
0	Plutonium-238	1.2E-09±1.0E-09	UI			1.3E-09	µCi/mL	TM	EMLPU02M
0	Plutonium-239/240	1.3E-1U1.1E-1O	UI	V		1.3E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	0.0E+00	UI	C		5.3E-10	µCi/mL	TM	EMLPU02M
0	Potassium-40	4.6E-09±2.5E-08	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	-1.5E-08±5.6E-08	UI			8.8E-08	µCi/mL	TM	EPA901.1M
0	Pmrrrwhlum-144	4.6E-10A1.9E-09	UI			2 8E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-3.0E-11±4.3E-09	UI			74E-09	µCi/mL	TM	EPA901.1M
0	Promethium-1 46	33E-lwl.aE-09	UI			34E439	µCi/mL	GP	EPIA-013
0	Promethium- 146	62E-09*4.9E-06	UI			89E-09	µCi/mL	TM	EPA901.1M
0	Radium, total alpha-emitting	1.2E-09±3.0E-10				1.4E-10	µCi/mL	GP	EPIA-010
0	Radium, total alpha-emitting	1.2E-09±4.1E-10				22E-10	µCi/mL	TM	EPA903.0M
0	Ruthenium-106	-3.1E-09±1.5E-08	UI			26E-05	µCi/mL	GP	EPIA-013
0	Ruthenium- 106	-2.5E-08±4.0E-08	UI			67E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	1.6E-09±1.8E-09	UI			2.0E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-2 6E-09i47E-06	UI			7.7E-09	µCi/mL	TM	EPA901.1M
0	Strontium-90	-5.7 E-1 O*32E.1O	UI	V		9.7E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	6. 0E-11±2.9E-10	UI			7 2E-10	µCi/mL	TM	EMLSR02M
0	Technetium-99	-7.7E-10±6.4E-09	UI			1 6E-08	µCi/mL	GP	EPIA-005

Wett **HAA1TA** collected on 12/26/65 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Plutonium-239/240	2.1E-10±1.2E-10	UI	V		1.2E-10	µCi/mL	GP	EPI
0	Plutonium-239/240	5.1E-10±5.2E-10	UI	C		7.7E-10	µCi/mL	TM	EMLPU02M
0	Plutonium-239/240	8.0E-11±2.5E-10	UI	C		6.5E-10	µCi/mL	TM	EMLPU02M
0	Potassium-40	1.2E-08±2.7E-08	UI			2.9E-08	µCi/mL	GP	EPIA-0
0	Potassium-40	5.2E-08±6.1E-08	UI			5.4E-08	µCi/mL	TM	E A90 M
0	Potassium-40	8.8E-08±6.4E-08	J		L	4.9E-08	µCi/mL	TM	E A90 M
0	Promethium-144	-4.3E-10±1.6E-09	UI			2.8E-09	µCi/mL	GP	EPI 0
0	Promethium-144	2.1E-09±3.7E-09	UI			6.6E-09	µCi/mL	TM	EPA90 M
0	Promethium-144	5.6E-10±3.4E-09	UI			6.1E-09	µCi/mL	TM	EPA90 M
0	Promethium-146	7.8E-10±1.9E-09	UI			3.4E-09	µCi/mL	GP	EPIA
0	Promethium-146	1.5E-09±3.9E-09	UI			7.0E-09	µCi/mL	TM	EPA90 M
0	Promethium-146	-8.5E-10±4.8E-09	UI			7.1E-09	µCi/mL	TM	EPA90 M
0	Radium, total alpha-emitting	1.2E-09±3.0E-10				1.4E-10	µCi/mL	GP	EPIA-0
0	Radium, total alpha-emitting	1.4E-09±4.5E-10				2.4E-10	µCi/mL	TM	EPA903 0M
0	Radium, total alpha-emitting	1.8E-09±5.0E- 10				2.3E-10	µCi/mL	TM	EPA903 0M
0	Ruthenium-106	-5.8E-09±1.3E-08	UI			2.3E-08	µCi/mL	GP	EPIA-0
0	Ruthenium-106	-2.1E-08±3.1E-08	UI			5.1E-08	µCi/mL	TM	E A90 M
0	Ruthenium-106	1.0E-09±3.2E-08	UI			5.5E-08	µCi/mL	TM	EPA90 M
0	Sodium-22	-1 .1E-09±1.5E-09	UI			2 6E-09	µCi/mL	GP	EPIA-0
0	Sodium-22	- 1.5E-10*4.2E-O3	UI			63E-02	µCi/mL	TM	E A90 M
0	Sodium-22	-2.1E-10±4.4E-09	UI			65E-OS	µCi/mL	TM	E A90 M
0	Strontium-90	-6.0E-10±3.4E-10	UI	V		1.1E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	0.0E+00±3.0E-10	UI			7.6E-10	µCi/mL	TM	EMLSR02M
0	Strontium-90	Q.(tE-I 1*3.4E-10	UI			8.4E-10	µCi/mL	TM	EMLSR02M
0	Technetium-99	-2.1E-09±6.7E-09	UI			1.7E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	4. 1E-08±3.4E-08	UI			5.6E-08	µCi/mL	TM	EICHROM
0	Thorium-228	5.6E-10±3.0E-10	UI	V		4,OE-10	µCi/mL	GP	EPIA-0
0	Thorium-228	3.6E-10±2.8E-10	J		L	2.3E-10	µCi/mL	TM	EMLTH0 M
0	Thorium-228	5.OE-11*1.OE-1O	UI			3.4E-10	µCi/mL	TM	EMLTH0 M
0	Thorium-230	9.2E-10±3 1E-10	UI	V		6.9E-11	µCi/mL	GP	EPIA-0
0	Thorium-230	1.0E-09±4.6E-10		V		2.7E-10	µCi/mL	TM	EMLTH0 M
0	Thorium-230	6.5E-10±3.6E- 10	UI	V		2.1E-10	µCi/mL	TM	EMLTH0 M
0	Thorium-232	1.5E-10±1.3E-10				1.5E-10	µCi/mL	GP	EPIA-0
0	Thorium-232	5.0E-11±1.0E-10	UI			2.7E-10	µCi/mL	TM	EMLTH0 M
0	Thorium-232	0.0E+00	UI			2.8E-10	µCi/mL	TM	EMLTH0 M
0	Thorium-234	3. 1E-08±8.6E-08	UI			1.1E-07	µCi/mL	GP	EPIA-0
0	Thorium-234	4. 1E-08±1.8E-07	UI			2.1E-07	µCi/mL	TM	E A90 M
0	Thorium-234	-8.9E-08±1.6E-07	UI			2. 1E-07	µCi/mL	TM	E A90 M
0	Tin-113	2.5E-06i2.2E-06	UI			4.1E-09	µCi/mL	GP	EPIA-0
0	Tin-113	-1.6E-09±4.1E-09	UI			7.1E-09	µCi/mL	TM	EPA90 M
0	Tin-113	-1.2E-09±4.0E-09	UI			7.0E-09	µCi/mL	TM	EPA90 M
0	Tritium	5.5E-08±4.0E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Tritium	-5.6E-07±3.3E-07	UI			6.8E-07	µCi/mL	TM	EPA906 0M
0	Uranium-233/234	1.4E-11±4.9E-11	UI			1.4E-10	µCi/mL	GP	EPIA-0
0	Uranium-233/234	7.6E-11~.6E-I 1	UI	V		6.6E-11	µCi/mL	GP	EPIA-0
0	Uranium-234	1.1E-10±1.5E-10	UI			2.9E-10	µCi/mL	TM	EMLU02M
0	Uranium-234	0.0E+00	UI			1.9E-10	µCi/mL	TM	EMLU02M
0	Uranium-235	3.8E-11±6.9E-11	UI			1.5E-10	µCi/mL	GP	EPIA-0
0	Uranium-235	5.6E-12±2.5E- t 1	UI			7.1E-11	µCi/mL	GP	EPIA-0
0	Uranium-235	0.0E+00	UI	C		3.1E-10	µCi/mL	TM	EMLU02M
0	Uranium-235	0.0E+00	UI	C		5.2E-10	µCi/mL	TM	EMLU02M
0	Uranium-238	2.4E-11*4.6E-I 1	UI			7.2E-11	µCi/mL	GP	EPIA-0
0	Uranium-238	3.6E-11*4.6E-1 1	UI			7.1E-11	µCi/mL	GP	EPI -0
0	Uranium-238	0.0E+00	UI			1.4E-10	µCi/mL	TM	EMLU02M
0	Uranium-238	2.1 E.1W2.4E-10	UI			3.2E-10	µCi/mL	TM	EMLU02M
0	Yttrium-88	-1.6E-09±1.9E-09	UI			3.0E-09	µCi/mL	GP	EPIA-0
0	Yttrium-88	-1 .9E-09±3.4E-09	UI			5.9E-09	µCi/mL	TM	EPA90 M
0	Yttrium-88	-2.3E-09±3.3E-09	UI			5.6E-09	µCi/mL	TM	EPA90 M
0	Zinc-65	5.8E-10±3.3E-09	UI			5.4E-09	µCi/mL	GP	EPIA-0
0	Zinc-65	-1.8E-09±7.3E-09	UI			1.2E-08	µCi/mL	TM	EPA90 M
0	Zinc-65	-3.8E-09±7.5E-09	UI			1.2E-08	µCi/mL	TM	EPA90 M
0	Zirconium-es	1.7E-09±3.2E-09	UI			6.4E-09	µCi/mL	GP	EPI
0	Zirconium-95	-5. 0E-09±7.1E-09	UI			1.2E-08	µCi/mL	TM	EPA90 M
0	Zirconium-95	-2.6E-10±7.0E-09	UI			1.2E-08	µCi/mL	TM	EPA90 M

WELL HAA ITA **Replicate**

MEASUREMENTS CONDUCTED IN **THE** FIELD

Sample date: 12/2s/95
Depth towatti 111.5 **ft** (33.9s m) **below** TOC
Water **elevation:** 160.7 **ft** (55.06 m) met
pH: 6.2
Sp. conductance: 104 µS/cm
Turbidity: 7 NTU
Water evacuated from the watt prior **to sampling:** 283 **gal**

Time: 1016
Water temperature: 15°C
Air temperature: 2.1°C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.2	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	6.2	J	Q		0.10	pH	WA	EPA150.1
0	Specific conductance	76				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	76		v		4.0	µS/cm	WA	EPA120.1
0	Alkalinity (as CaCO3)	20				1,000	mg/L	GE	EPA31o.1
0	Alkalinity (as CaCO3)	20				19,400	mg/L	WA	EPA31o.1
0	Aluminum, total recoverable	<73		v		20	µg/L	GE	EPA6010A
0	Aluminum, total recoverable	<47		v		87	µg/L	WA	CLP-M
0	Ammonia	<59		v		so	µg/L	WA	EPA350.3
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<1.1		v		5.0	µg/L	GE	EPA601oA
0	Antimony, total recoverable	<19				19	µg/L	WA	CLP-M
0	Arsenic, total recoverable	<2.5		v		5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	<12				12	µg/L	WA	CLP-M
0	Barium, total recoverable	21		v		3.0	µg/L	GE	EPMo1oA
0	Barium, total recoverable	21				7.4	µg/L	WA	CLP-M
0	Benzene	<0 50				0.50	µg/L	GE	EPAs260
0	Benzene	<5.0				5.0	µg/L	WA	EPA6240
0	Beryllium, total recoverable	<0.23		V		3.0	µg/L	GE	EPASO1OA
0	Beryllium, total recoverable	<0.87		V		2.1	µg/L	WA	CLP-M
0	Boron. total recoverable	17	J	E		50	µg/L	GE	EPASO1OA
0	Boron. total recoverable	<55		v		12	µg/L	WA	CLP-M
0	Bromodichloromethane	<0 050				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<5.0				5.0	µg/L	WA	EPA6240
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<5 0				5.0	µg/L	WA	EPA6240
0	Bromomethane	<0.43		v		0.10	µg/L	GE	EPA8260
0	Bromomethane	<10				10	µg/L	WA	EPA8240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	CLP-M
0	Calcium, total recoverable	10,300				20	µg/L	GE	EPA601oA
0	Calcium, total recoverable	10,600		v		24	µg/L	WA	CLP-M
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Carbon tetrachloride	<5.0				5.0	µg/L	WA	EPA6240
0	Chloride	2,000		v		250	µg/L	GE	EPA300.0
0	chloride	2,250	J	E		3,470	µg/L	WA	EPA300.0
0	Chlorobenzene	4.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<5.0				5.0	µg/L	WA	EPA6240
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane	<10				10	µg/L	WA	EPA8240
0	Chloroethene (Vinyl chloride	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride]	<10				10	µg/L	WA	EPA8240
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl other	<10				10	µg/L	WA	EPM240
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroform	<5.0				5.0	µg/L	WA	EPM240
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloromethane	<lo				10	µg/L	WA	EPM240
0	Chromium, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Chromium, total recoverable	<1.4		v		10	µg/L	WA	CLP-M
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPASO1OA
0	Cobalt, total recoverable	<12				12	µg/L	WA	CLP-M
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	Copper, total recoverable	<18				18	µg/L	WA	CLP-M
0	Cyanide	<10				10	µg/L	GE	EPA335.3
o	Cyanide	5.4	J	E		18	µg/L	WA	EPA335.2
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Dibromochloromethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,1 -Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1 -Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethane	<0.050				0 050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<5.0				5 0	µg/L	WA	EPA8240
0	1,1-Dichloroethylene	<0.050				0 050	µg/L	GE	EPA8260
0	1,1 -Dichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethylene	<5.0				5.0	µg/L	WA	EPA6240

Well HAA 11A collected on 12/26/65 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	PCB 1221	<0.13				0.13	µg/L	GE	E A808
0	PCB 1221	<2.1				2.1	µg/L	W	E A8080
0	PCB 1221	<4.3				4.3	µg/L	W	E A8
0	PCB 1221	<4.3				4.3	µg/L	W	E A808
0	PCB 1232	<0.13				0.13	µg/L	GE	E A8
0	PCB 1232	<0.13				0.13	µg/L	GE	E A8080
0	PCB 1232	<1.1				1.1	µg/L	W	E A8080
0	PCB 1232	<2.2				2.2	µg/L	W	E A808
0	PCB 1232	<2.2				2.2	µg/L	W	E A8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA808
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA808
0	PCB 1242	<1.1				1.1	µg/L	WA	E A8080
0	PCB 1242	<2.2				2.2	µg/L	W	E A808
0	PCB 1242	<2.2				2.2	µg/L	W	EPA808
0	PCB 1248	<0.13				0.13	µg/L	GE	E A808
0	PCB 1246	<0.13				0.13	µg/L	GE	E A8080
0	PCB 1248	<1.1				1.1	µg/L	W	EPA8080
0	PCB 1248	<2.2				2.2	µg/L	W	E A8080
0	PCB 1248	<2.2				2.2	µg/L	WA	E A808
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	4.13				0.13	µg/L	GE	E A808
0	PCB 1254	<1.1				1.1	µg/L	WA	EPA8080
0	PCB 1254	<2.2				2.2	µg/L	W	EPA808
0	PCB 1260	<0.13				0.13	µg/L	GE	E A8080
0	PCB 1260	<0.13	J	C		0.13	µg/L	GE	E A8080
0	PCB 1260	<1.1				1.1	µg/L	W	E A8080
0	PCB 1260	<2.2				2.2	µg/L	W	E A8080
0	PCB 1260	<2.2				2.2	µg/L	WA	E A808
0	Phenols	<5.0				5.0	µg/L	GE	E
0	Phenols	<5.0				5.0	µg/L	GE	E 20
0	Phenols	<24				24	µg/L	W	E 20
0	Phenols	<24				24	µg/L	WA	E 20
0	Potassium, total recoverable	1,520		V		500	µg/L	GE	EPA60
0	Potassium, total recoverable	1,110				258	µg/L	W	CLP M
0	Potassium, total recoverable	1,170				258	µg/L	WA	CL M
0	Selenium, total recoverable	<1.6		v		5.0	µg/L	GE	E A60
0	Selenium, total recoverable	3.4	J	EX	P	19	µg/L	W	M
0	Selenium, total recoverable	<19		X	P	19	µg/L	WA	CLP-M
0	Silks, total recoverable	10,100		V		100	µg/L	GE	EPA6010A
0	Silica, total recoverable	15,200		V		67	µg/L	W	CLP-M
0	Silks, total recoverable	16,4(KY		V		67	µg/L	W	CLP-M
0	Silver, total recoverable	<2.0		I		2.0	µg/L	GE	EPA601oA
0	Silver, total recoverable	<0.52		V		1.4	µg/L	W	CLP-M
0	Silver, total recoverable	<0.56		V		1.4	µg/L	WA	CLP-M
0	Sodium, total recoverable	2,660				100	µg/L	GE	EPA601OA
0	Sodium. total recoverable	2,530		V		4.7	µg/L	W	CLP-M
0	Sodium, total recoverable	2,660		V		4.7	µg/L	W	CLP-M
0	Sulfate	9,590		I		1,000	µg/L	GE	EPA300.0
0	Sulfate	9,660				1,960	µg/L	WA	EPA300.0
0	1,1 ,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1, 1.2.2-Tetrachloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
2	Thallium, total recoverable	6.5	J	EX	P	17	µg/L	W	CLP-M
0	Thallium, total recoverable	<17		x	P	17	µg/L	W	CLP-M
0	Toluene	0.26	J	E		0.50	µg/L	GE	EPA8260
0	Toluene	<5.0				5.0	µg/L	WA	EPA8240
0	Total dissolved solids	<62,000		v		5,000	µg/L	GE	EPA160.1
0	Total dissolved solids	43,000				42,800	µg/L	WA	EPA160.1
0	Total organic carbon	<664		v		1,000	µg/L	GE	EPA415.1
0	Total organic carbon	<2,100				2,100	µg/L	WA	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total organic logens	<161				161	µg/L	W	SW9020B
0	Total phosphates (as P)	<180		v		50	µg/L	GE	EPA365.4
0	Total phosphates (as P)	167		v		30	µg/L	W	EPA365.2
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	G	EPA6260
0	1,1 ,1-Trichloroethane	<5.0				5.0	µg/L	WA	EPA6240
0	1,1 ,2-Trkhbmrathane	<0.050				0.50	µg/L	G	EPA6260
0	1,1 ,2-Trichloroethane	<5.0					µg/L	WA	EPA6240
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<5.0				5.0	µg/L	W	EPA6240
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<5.0				5.0	µg/L	W	EPA6240
0	Vanadium, total recoverable	0.24	J	E		10	µg/L	G	EPA601oA
0	Vanadium, total recoverable	<13				13	µg/L	W	CLP-M
0	Vanadium, total recoverable	<13				13	µg/L	WA	CLP-M

Well HAA ITA collected on 12/26/65 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	X ylees	<5.0				5.0	µg/L	WA	EPA6240
0	Z inc.total recoverable	6.7				5.0	µg/L	GE	EPA601oA
O	Zinc, total recoverable	<4.5	J	v%	P	9.7	µg/L	WA	CLP-M
0	Zinc, total recoverable	14	J	Vx	P	9.7	µg/L	WA	CLP-M
0	Actinium-226	4.6E-09±7.3E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
O	Actinium-226	5.5E-09±1.1E-08	UI			2.1E-08	µCi/mL	TM	EPA901.1M
O	Actinium-228	3.3E-09±1.1E-08	UI			2.0E-08	µCi/mL	TM	EPA901.1M
O	Amerii-241	7.3E-11±5.2E-11	UI			1.1E-10	µCi/mL	GP	EPIA'011
O	Americium-241	-3.0E-11±5.3E-11	UI			1.5E-10	µCi/mL	GP	EPtA.011 .
O	Americium-241	34E-lth3 1E-10	UI			5.3E-10	µCi/mL	TM	EMLAM01M
O	Americium-241	3 5E-10±2.9E-10	UI			4.1E.1O	µCi/mL	TM	EMLAM01M
O	Antimony- 124	1 3E-09±1.9E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	-i .6i-06*54E-06	UI			6.1E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	-3.3E-09±5.7E-09	UI			7.6E-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	3.2E-09±4.2E-09	UI			7.6E-09	µCi/mL	GP	EPIA-013
o	Antimony-125	-4.8E-09±8.0E-09	UI			1.4E-08	µCi/mL	TM	EPA901.1M
o	Antimony-12s	3.5E-09±8.4E-09	UI			1.5E-08	µCi/mL	TM	EPA901.1M
o	Barium-133	-8.9E-10±2 oE-06	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Barium-133	4.2E-09±5.0E-09	UI			6.8E-09	µCi/mL	TM	EPA901.1M
o	Barium-133	-2.0E-10±3.6E-09	UI			6.4E-09	µCi/mL	TM	EPA901.1M
0	Cerium-144	5.3E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
o	Cerium-144	-7.0E-11±2.5E-08	UI			3.7E-08	µCi/mL	TM	EPA901.1M
o	Cerium-144	2.1E-09±2.4E-08	UI			3.9E-08	µCi/mL	TM	EPA901.1M
o	Cesium-134	3.3E-10±1.5E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
o	Cesium-134	3.0E-10±3.7E-09	UI			6.4E-09	µCi/mL	TM	EPA901.1M
o	Cesium-134	-3.5E-09±4.0E-09	UI			5.8E-09	µCi/mL	TM	EPA901.1M
o	Cesium-137	5.2E-10±1 5E-09	UI			2.92-06	µCi/mL	GP	EPIA-013
o	Cesium-137	4.1E-10±3 4E-09	UI			5.9E-09	µCi/mL	TM	EPA901.1M
o	Cesium-137	8.4E-10±3 4E-09	UI			6.1E-09	µCi/mL	TM	EPA901.1M
o	cobalt-57	-1.2E-09±1.3E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
o	Cobalt-57	1.6E-09±3 1E-09	UI			5.0E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	2.7E-09±4.2E-09	UI			4.9E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-1.5E-09±1.9E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
o	Cobalt-58	-2.1E-09±4.7E-09	UI			7. 0E-09	µCi/mL	TM	EPA901.1M
o	Cobalt-58	-4.0E-10±5.1E-09	UI			7.2E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	9.9E-10±1.4E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
o	Cobalt-60	-1.2E-09±3.8E-09	UI			64E-06	µCi/mL	TM	EPA901.1M
o	Cobalt-60	1.3E-09±3.7E-09	UI			66E-09	µCi/mL	TM	EPA901.1M
O	Curium-242	-2.1E-11±2.1E-11	UI			9.7E-11	µCi/mL	GP	EPIA-011
O	Curium-242	-1.0E-11±1.5E-11	UI			7.9E-11	µCi/mL	GP	EPtA.011
O	Curium-243/244	1.9E-1W98E-1 1	UI	V		12E-10	µCi/mL	GP	EPtA-011
O	Curium-243/244	4.3E-11e56E-I 1	UIJ	C		1.OE-10	µCi/mL	GP	EPIA-011
O	Curium-243/244	2. 0E-10±2.4E-10	UI			63E-10	µCi/mL	TM	EMLAM01M
O	Curium-243/244	2.9E-10±2.7E-10	UI			6.0E-10	µCi/mL	TM	EMLAM01M
O	Curium-245/248	o 0E+00	UI			2.7E-11	µCi/mL	GP	EPIA-011
O	Curium-245/246	9.6E-12±1.9E- 11	UI			2.9E-11	µCi/mL	GP	EPIA-011
O	Europium-152	-1 .5E-06*42E-06	UI			7. 0E-09	µCi/mL	GP	EPIA-013
O	Europium-152	-1.4 E-08±2.3E-08	UI			36E-06	µCi/mL	TM	EPA901.1M
0	Europium-152	-3.6E-09±2.2E-08	UI			3.8E-08	µCi/mL	TM	EPA901.1M
O	Europium-154	-3.1E-09±4.2E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013
O	Europium-154	-4.7E-10±1.2E-08	UI			1.7E-08	µCi/mL	TM	EPA901.1M
O	Europium-154	-3.7E.1O*1,2E-O6	UI			1.8E-08	µCi/mL	TM	EPA901.1M
O	Europium-155	2.2E-09±5.8E-09	UI			1 0E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3.8E-09±1. 1E-08	UI			1.7E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	2.9E-08±1.4E-08	J		L	1.8E-08	µCi/mL	TM	EPA901.1M
o	Gross alpha	9.1 E-1 U6.1E-1O				O.3E-10	µCi/mL	GP	EPIA-001
o	Gross ● m	3OE-W16E-02				6.6E-10	µCi/mL	TM	EPA900.0M
O	Gross alpha	2.4E-09±1.4E-09				8.6E-10	µCi/mL	TM	EPA900.0M
o	Iodine-129	3.6E-1OA6.9E-1O	UI			1.7E-09	µCi/mL	GP	EPIA-006
o	Iodine-129	-1.8E-07±2.0E-07	UI			32E-07	µCi/mL	TM	EPA901.1M
2	Iodine-129	62E-06i2 0E-07	UI			3.4E-07	µCi/mL	TM	EPA901.1M
o	Lead-212	36E-09&.2E-02	UI			53E-06	µCi/mL	GP	EPIA-013
O	Lead-212	2.7 E-09±7 0E-09	UI			6 0E-09	µCi/mL	TM	EPA901.1M
O	Lead-212.	5.4E-09±8.0E-09	UI			76E-09	µCi/mL	TM	EPA901.1M
O	Manganese-54	-3.1 E-1 O*1.8E-09	UI			28E@9	µCi/mL	GP	EPIA-013
O	Manganese-54	5.6E-10±3.6E-09	UI			64E-02	µCi/mL	TM	EPA901 1M
O	Manganese-54	-5 5E-IO*36E09	UI			6 1E-09	µCi/mL	TM	EPA901.1M
O	Neptunium-237	-2.6E-11±2.6E-11	UI			34E-10	µCi/mL	GP	EPIA-012
O	Neptunium-237	24E-02il.2E-09				35E-10	µCi/mL	TM	EMLPU02M
O	Neptunium-237	8 2E· 1O*6.5E-10	J		L	5 5E-10	µCi/mL	TM	EMLPU02M
O	Neptunium-239	49E-06*9 8E-09	UI			1 8E-08	µCi/mL	GP	EPIA-013
O	Nonvolatile beta	1 6E-0%98E1O	UI			1 9E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	56E-06*2 3E 09				8 1E-10	µCi/mL	TM	EPA900 0M
O	Nonvolatile beta	54E-09*2 3E 09				8 1E-10	µCi/mL	TM	EPA900 0M
O	Plutonium-238	8 8E-11±9 3E-11	UI	v		1 7E-10	µCi/mL	GP	EPIA-012
o	Plutonium-238	23E 09±12E-09				7 7E-10	µCi/mL	TM	EMLPU02M
o	Plutonium-236	1.3 E-O9*83E1O	J		L	6.5E-10	µCi/mL	TM	EMLPU02M

Wall HAA1D collected on 12/18/95 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Thorium-230	9.2E-1 1*73E- 11	UI	v		7.4E-1 1	µCi/mL	GP	EPIA-012
o	Thorium-232	1.4E-11±2.8E-11	UI			4.IE-11	µCi/mL	GP	EPIA-012
o	Thorium-234	1.3E-07±1 0E-07	UI			1.8E-07	µCi/mL	GP	EPIA-013
O	Tin-113	1.3E-11±2.7E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
o	Tritium	9.6E-06±7.2E-07				6.9E-07	µCi/mL	GP	EPIA-002
o	Uranium-233/234	8.3E-12±3.4E-1 1	UI	v		82E-1 1	µCi/mL	GP	EPIA-011
o	Uranium-235	-8.6E-12±1 .2E-11	UI			6.5E-1 1	µCi/mL	GP	EPIA-011
o	Uranium-238	0.0E+00	UI			2.5E- 11	µCi/mL	GP	EPIA-011
o	Yttrium-88	1. 1E-09±2.1E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
o	zinc-65	1.0E-10±4.5E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.4E-10±3.5E-09	UI			6.5E-09	µCi/mL	GP	EPIA-013

WELL HAA ITA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/95 Time: 1016
Depth to water: 111.5 ft (33.99 m) below TOC **Water temperature: 15°C**
Water elevation: 1S0.7 ft (55.02 m) msl **Air temperature: 2.1°C**
pH 6.2 **Alkalinity: 2 mg/L**
Sp. conductance: 104 µS/cm **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 283 gal

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.2	J	Q	L	0.010	pH	GE	EPA150.1
0	pH	6.3	J	Q		0.10	pH	WA	EPA150.1
0	pH	6.2	J	Q		0.10	pH	WA	EPA150.1
0	Specific conductance	76				0.30	µS/cm	GE	EPA120.1
0	Specific conductance	76		V		4.0	µS/cm	WA	EPA120.1
0	Specif conductance	74		v		4.0	µS/cm	WA	EPA120.1
0	Alkalinity as CaCO3	20				1,000	mg/L	GE	EPA310.1
0	Alkalinity as CaCO3	21				19,400	mg/L	WA	EPA310.1
0	Alkalinity as CaCO3	20				19,400	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<84		v		20	µg/L	GE	EPABo10A
0	Aluminum, total recoverable	<67		V		87	µg/L	WA	CLP-M
0	Aluminum, total recoverable	<75		V		87	µg/L	WA	CLP-M
0	Ammonia	<44		v		50	µg/L	WA	EPA350.3
0	Ammonia	<33		v		50	µg/L	WA	EPA350.3
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPABO10A
0	Antimony, total recoverable	<19				19	µg/L	WA	CLP-M
0	Antimony, total recoverable	<19				19	µg/L	WA	CLP-M
0	Arsenic, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	1.5	J	E X P		12	µg/L	WA	CLP-M
0	Arsenic, total recoverable	<12		X P		12	µg/L	WA	CLP-M
0	Barium, total recoverable	28		v		3.0	µg/L	GE	EPMO1OA
0	Barium, total recoverable	21				7.4	µg/L	WA	CLP-M
0	Barium, total recoverable	22				7.4	µg/L	WA	CLP-M
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Benzene	<5.0				5.0	µg/L	WA	EPA8240
0	Beryllium, total recoverable	<0.29		v		3.0	µg/L	GE	EPABO10A
0	Beryllium, total recoverable	<0.61		v		2.1	µg/L	WA	CLP-M
0	Beryllium, total recoverable	<0.62		V		2.1	µg/L	WA	CLP-M
0	Boron, total recoverable	25	J	E		50	µg/L	GE	EPA601OA
0	Boron, total recoverable	<57	J	Vx P		12	µg/L	WA	CLP-M
0	Boron, total recoverable	<130	J	VX P		12	µg/L	WA	CLP-M
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromodichloromethane	<5.0				5.0	µg/L	WA	EPA8240
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<5.0				5.0	µg/L	WA	EPA8240
0	Bromomethane	<0.30		v		0.10	µg/L	GE	EPA8260
0	Bromomethane	<lo				10	µg/L	WA	EPA8240
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	CLP-M
0	Cadmium, total recoverable	<4.7				4.7	µg/L	WA	CLP-M
0	Calcium, total recoverable	14,100				20	µg/L	GE	EPA601OA
0	Calcium, total recoverable	10,300		v		24	µg/L	WA	CLP-M
0	Calcium, total recoverable	10,8(XI		v		24	µg/L	WA	CLP-M
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Carbon tetrachloride	<5.0				5.0	µg/L	WA	EPM240
0	Chloride	1,950		v		250	µg/L	GE	EPA300.0
0	Chloride	2,310	J	E		3,470	µg/L	WA	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<5.0				5.0	µg/L	WA	EPA8240

Watt HAA1TA collected on 12/23/S5 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethane	<lo				10	µg/L	WA	EPA8240
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<10				10	µg/L	WA	EPA8240
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl other	<10				10	µg/L	WA	EPA8240
0	Chloroform	<0 050				0.050	µg/L	GE	EPA8260
0	Chloroform	<5 0				5.0	µg/L	WA	EPA8240
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloromethane	<lo				10	µg/L	WA	EPA8240
0	Chromium, total recoverable	10	J	E		*4.0*	µg/L	GE	EPA6010A
0	Chromium, total recoverable	<1.1	J	Vx P		10	µg/L	WA	CLP-M
0	C romium tota recoverable	<2.0	J	Vx P		10	µg/L	WA	CLP-M
0	cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	<12				12	µg/L	WA	CLP-M
0	cobalt, total recoverable	<12				12	µg/L	WA	CLP-M
0	*copper, total* recoverable	<4.0				4.0	µg/L	GE	EPA6010A
0	*copper** total recoverable	<18				18	µg/L	WA	CLP-M
0	Copper, total recoverable	<18				18	µg/L	WA	CLP-M
0	Cyanide	<10				10	µg/L	t3E	EPA335.3
0	Cyanide	0.0	J	E		18	µg/L	WA	EPA335.2
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Dibromochloromethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<5.0				5.0	µg/L	WA	EPA8240
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<5.0				5.0	µg/L	WA	EPA8240
0	1,2-Dichloroethylene	<5.0				5.5.	µg/L	WA	EPA8240
0	trans-1,2-Dichloroethylene	<0050					µg/L	GE	EPA8260
0	Dichloromethane	1.3				0.50	µg/L	GE	EPA8260
0	Dichloromethane	<3.8		v		5.0	µg/L	WA	EPA8240
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<5.0				5.0	µg/L	WA	EPA8240
0	cis-1,3-Dichloropropene	<0,050				0.050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPA8240
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<5.0				5.0	µg/L	WA	EPA8240
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<5.0				5.0	µg/L	WA	EPA8240
0	Fluoride	71	J	E		100	µg/L	GE	EPA300.0
0	Fluoride	98				27	µg/L	WA	EPA340.2
0	Fluoride	94				27	µg/L	WA	EPA340.2
2	Iron, total recoverable	341				18	µg/L	GE	EPA601oA
1	Iron, total recoverable	298		V		26	µg/L	WA	CLP-M
2	Iron, total recoverable	306		V		26	µg/L	WA	CLP-M
0	Lead, total recoverable	1.3	J	E		5.0	µg/L	GE	EPABO10A
0	Lead, total recoverable	<13	J	X P		13	µg/L	WA	CLP-M
0	Lead, total recoverable	3.2	J	EX P		13	µg/L	WA	CLP-M
0	Lithium, total recoverable	<25				25	µg/L	GE	EPMO1OA
0	Lithium, total recoverable	11		V		i.2	µg/L	WA	CLP-M
0	ithium tota recoverable	11		V		1.2	µg/L	WA	CLP-M
0	Magnesium, total recoverable	713				20	µg/L	GE	EPABO10A
0	Magnesium, total recoverable	541		V		10	µg/L	WA	CLP-M
0	Magnesium, total recoverable	561		V		10	µg/L	WA	CLP-M
0	Manganese, total recoverable	19		V		2.0	µg/L	GE	EPA6010A
0	Manganese, total recoverable	13		V		5.7	µg/L	WA	CLP-M
0	Manganese, total recoverable	14		V		5.7	µg/L	WA	CLP-M
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	*Mercury, total* recoverable	<0.70				070	µg/L	WA	CLP-M
0	Mercury, total recoverable	<0.70				0.70	µg/L	WA	CLP-M
0	Nickel, total recoverable	<10				10	µg/L	GE	EPA601OA
0	Nickel, total recoverable	<5 4				5.4	µg/L	WA	CLP-M
0	Nickel, total recoverable	<5.4				5.4	µg/L	WA	CLP-M
0	Nitrate as nitrogen	<10				10	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	<60				60	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	<10		v		50	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<60				60	µg/L	WA	EPA353.2
0	Nitrite as nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	Nitrite as nitrogen	<20	J	o		20	µg/L	WA	EPA353.2
0	PCB 1016	<0 13				0.13	µg/L	GE	EPA8080
0	PCB 1016	*<013*				0.13	µg/L	GE	EPA8080
0	PCB 1016	<1 1				1 1	µg/L	WA	EPA8080
0	PCB 1010	*<2 2*				2 2	µg/L	WA	EPA8080
0	PCB 1016	<22				2.2	µg/L	WA	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080

Well HAA 1C collected on 12/16/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Neptunium-239	-5.0E-09±1.1E-08	UI			1.9E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.5E-09±7.6E-10				1.4E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.3E-10±1.7E-10	UI	v		2.3E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	3.2E-10±1.8E-10				1.1E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	6.6E-09±3.0E-08	UI			3.4E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.0E-09±1.5E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.6E-10±2.3E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	3.0E- 1*4.OE-10	UI			42E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	-4.7E-1O*1 .5E-08	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.6E-11±1.6E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	4.2E-1OS4.7E-1O	UI			8.8E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	3.4E-09±7.6E-09	UI			1.8E-08	µCi/mL	GP	EPIA-005
0	Thortum-22s	9.7E-12±7.6E-11	UI			2.0E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.5E.104.5E.11	UI	v		4.5E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	7.IE-12*32E-1 1	UI			9.4E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	4.3E-08±1.1E-07	UI			1.4E-07	µCi/mL	GP	EPIA-013
0	Tin-113	5.5E-09±3.5E-09				3.*-OS	µCi/mL	GP	EPIA-013
0	Tritium	2.5E-08±3.9E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.5E-1GA8.9E-11	UI	v		5.7E-11	µCi/mL	GP	EPtA-011
0	Uranium-235	-7.4E-14±1.8E-11	UI			S.7E:11	µCi/mL	GP	EPtA-011
0	Uranium-238	6.7E-11*4.8E-1 1				5.7E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	0.0E+00	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-4.5E-09±3.9E-09	UI			5.8E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	5.8E-10±3.3E-09	UI			6.1E-09	µCi/mL	GP	EPIA-013

WELL HAA ID

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 12/1S?9S
Depth to water: 18.6 ft (567 m) **below** TOC
Water elevation: 275.3ft(S3.91 m) **msl**
pH: 5.2
Sp. conductance: 34 µS/cm
Turbidity: 2 NTU
Water evacuated from the was **prior** 10 **sampling:** 9 gal

Time: 12:03
Water temperature: 27°C
Air temperature: 9.7°C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Mauled
0	pH	5.3	J	Q	L	0.010	pH	GE	EPA150.1
0	Specifk conductance	*34*				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	<2.0		v		1,000	mg/L	GE	EPA31O.1
2	Aluminum, total recoverable	*206*		v		20	µg/L	GE	EPA601oA
0	Ammonia nitrogen	<50				so	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	*<s.0*				5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	*9.0*				3.0	µg/L	GE	EPA601OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.091		v		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0.0s0	µg/L	GE	EPA6260
0	Bromoform	<0.050				0.0s0	µg/L	GE	EPA6260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	<2.0				*2. 0*	µg/L	GE	EPA601OA
0	Calcium, total recoverable	*<946*		V		20	µg/L	GE	EPA6010A
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	*3,360*				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA6260
0	Chloroform	<0.0s0				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0. 10				0.10	µg/L	GE	EPA6260
0	Chromium, total recoverable	<1.4		v		*4.0*	µg/L	GE	EPA601OA
0	Cobalt, total recoverable	0.43	J	E		*4.0*	µg/L	GE	EPA601OA
0	Copper, total recoverable	<4.0				*4.0*	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1, 1-Dichloroethane	<0.050				*0.0s0*	µg/L	GE	EPA6260
0	1,2-Dichloroethane	<0.050				*0.050*	µg/L	GE	EPA6260
0	1, 1-Dichloroethylene	<0.050				*0.0s0*	µg/L	GE	EPA6260
0	trans-1,2-Dichloroethylene	<0.0s0				*0.050*	µg/L	GE	EPA6260
0	Dichloromethane	<0.77		v		*0.s0*	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				*0.050*	µg/L	GE	EPA8260
0	cis-1 ,3-Dichoropropene	<0.050				*0.050*	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				*0.050*	µg/L	GE	EPA8260

Well HAA 1D collected on 12/16/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Un	Lab	Method
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Fluoride	<1oo				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<20		V		18	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPASO1OA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	859		V		20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	13		v		2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	*<3,4*		v		10	µg/L	GE	EPA6010A
0	Nitrate as nitrogen	<lo	J	Q	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite g nitrogen	1,740		v		50	µg/L	GE	EPA353.1
0	Nitrite s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1232	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 124s	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	<0.13	J	CI		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	73	J	Ev		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Silica, total recoverable	5$60		v		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601oA
0	Sodium, total recoverable	2,420		v		100	µg/L	GE	EPA601OA
0	Sulfate	365	J	E		1,000	µg/L	GE	EPA300.0
0	1,1 ,2,2 -Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	ThatSum, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Toluene	<0.070		V		*0.s0*	µg/L	GE	EPAS260
0	Total dissolved solids	21,000				5,000	µg/L	GE	EPA160.1
0	Tdat organic *carbon*	1,130				1,000	µg/L	GE	EPA415.1
0	Total organic halogens	25				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	<50				%50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.0s0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	*<0,050*				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	*<o 0s0*				0.50	µg/L	GE	EPA8260
0	Trichlorofluoromethane	*<0s0*				10	µg/L	GE	EPA601oA
0	Vanadium, total recoverable	<10				5.0	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<s.5		v		1.4E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	2.8E-09±7.3E-09	UI			2.0E-10	µCi/mL	GP	EPIA-011
0	Americium-241	-S.4E-11*4.7E-11	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Antimony-124	9.3E-10±2.9E-09	UI			8.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.4E-09±5.2E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Barium-133	5.6E-10±2.3E-09	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.3E-08±1.2E-08	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	2.6E-09±1.6E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.2E-09±1.8E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.7E-10±1.5E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	1.4 E-11±1.8E-09	UI			2.8E-09	µCi/mL	G?	EPIA-013
0	Cobalt-60	-5.7E-10±1 6E-09	UI			1 5E-10	µCi/mL	GP	EPIA-011
0	Curium-242	-2.6E-11*.IE-11	UI			1.7E-10	µCi/mL	GP	EPIA:O11
0	Curium-243/244	1.8E-1 1*69E~I 1	UI			4.8E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			8.4E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-4.4E-09±6 0E-09	UI			67E-03	µCi/mL	GP	EPIA-013
0	Europium-154	-2.7E-09±3.9E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Europium-155	32E-09i6.9E-09	UI			1 1E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	27E-I@S 5E-10	UI			62E-10	µCi/mL	GP	EPIA-001
0	Gross alph	58E-1OS4.1E-1O	UI			1 8E-09	µCi/mL	GP	EPIA-006
1	Iodine-129	8 1E-10±1.0E-09	UI			66E-02	µCi/mL	GP	EPIA-013
0	Lead-212	3.1E-09±4.8E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.1E-10±1.7E-09	UI			I.2E-10	µCi/mL	GP	EPIA-012
0	Neptunium-237	3.8E- 11*6.OE-11	UI			2 1E-08	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4 3E-09±1.2E-08	UI			1.8E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.7E-10±8 8E-10	UI			1.8E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.5E-11*84E-1O	UI			2.4E.1O	µCi/mL	GP	EPIA-012
0	Plutonium-238	2.1 E-1os1 7E-10	UI	v		1 6E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	2.3E-10±1 7E-10				27E-06	µCi/mL	GP	EPIA-013
0	Potassium-40	4.3E-IOA25E-06	UI			33E-02	µCi/mL	GP	EPtA-013
0	Promathii-144	2.3E-10±1 8E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Promathbrn-146	.3.7 E-11±2.4E-09	UI			39E-10	µCi/mL	GP	EPIA.O1O
0	Radium, total alpha-emitting	\.0E-10±3.0E-10	UI			26E-06	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-6 2E-09±15E-08	UI			24E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.1E-09*1.4E-09	UI			63E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	2.9E-10±3.3E-10	UI			1 7E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-6.5 E-09*6 .9E-09	UI			1 8E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	1.2E-11±7.0E-11	UI						

Well HAA 1B collected on 12/18/95 *(cont.)*

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
o	Thorium-234	7.1E-08±8.8E-08	UI			7.3E-08	µCi/mL	GP	EPIA-013
O	Tin-113	-5.9E-10±1.5E-09	UI			2.6E-09	µCi/mL	GP	EPIA-013
O	Tritium	7.2E-08±3.9E-07	UI			6.8E-07	µCi/mL	GP	EPIA-002
o	uranium-233/234	4.2E.11*4.3E.1 1	UI	v		6.6E-11	µCi/mL	GP	EPtA.011
o	Uranium-235	-3.9E-12±2.0E-1 1	UI			6.7E-11	µCi/mL	GP	EPtA-011
o	Uranium-238	3.4E-11*3.5E- 11	UI			4.8E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	9.1E-11±1.2E-09	UI			2.2E-09	µCi/mL	GP	EPIA-013
o	Zinc-65	-5.8E-10±2.6E-09	UI			4.5E-09	µCi/mL	GP	EPIA-013
o	Zirconium-95	1.2E-09±2.3E-09	UI			4.2E-09	µCi/mL	GP	EPIA-013

WELL HAA 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/18/95 — **Time: 11:17**
Depth to water: 42.18 ft (12.85 m) below TOC — **Water temperature: 28.8°C**
Water elevation: 251.24 ft (76.56 m) mat — **Air temperature: 9.8°C**
pH: 6.8 — **Alkalinity: 27 mg/L**
Sp. conductance: 100 µS/cm — **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 36 gal

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	6.6	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	95		v		0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	37		v		1,000	mg/L	GE	EPA31O.1
2	Aluminum, total recoverable	223		v		*20*	µg/L	GE	EPA601oA
0	Ammonia nitrogen	<50				*50*	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				6.0	µg/L	GE	EPA6010A
0	Arsenic, tdat recoverable	2.1	J	E		5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	37				3.0	µg/L	GE	EPMo1OA
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Benzene	<0.50				0.50	µg/L	GE	EPA8260
0	Beryllium, total recoverable	0.63	J	EV		3.0	µg/L	GE	EPMo1OA
0	Boron, total recoverable	12	J	E		50	µg/L	GE	EPA601OA
0	Bromodichloromethane	<0.050				0 050	µg/L	GE	EPA8260
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0050				0.050	µg/L	GE	EPA6260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA6260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	0.15	J	E		2.0	µg/L	GE	EPA601oA
0	Calcium, total recoverable	13,600		V		20	µg/L	GE	EPA601oA
0	Carbon tetrachloride	4.050				0.050	µg/L	GE	EPA6260
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,370				250	µg/L	GE	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA6260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPAS260
0	Chloroethene (Vinyl chloride	4.10				0.10	µg/L	GE	EPA6260
0	Chloroethene (Vinyl chloride|	<0.10				0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPA6260
0	Chloroform	4.050				*0.650*	µg/L	GE	EPA8260
0	Chloroform	<0.050				*0.050*	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	<1.6		v		4.0	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	1.3	J	E		4.0	µg/L	GE	EPAS01OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPM260
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPM260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	1,1-Dichloroethylene	<0050				0.050	µg/L	GE	EPA6260
0	Iran$-l,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Dichloromethane	<064		v		0.50	µg/L	GE	EPA6260
0	Dichloromethane	<0.77		v		0.50	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0050				0.050	µg/L	GE	EPA6260

Well HAA 1C collected on 12/16/35 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	1,2-Dichloropropane	<0.050				0050	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0050	µg/L	GE	EPA8260
0	da- 1,3-Dichloropropene	<0.050				*0.050*	µg/L	GE	EPA6260
0	Iran$-t,3-Dichloropropene	4.050				0.050	µg/L	GE	EPA6260
0	trans-1,3-Dichloropropene	4.050				*0.050*	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050				0050	µg/L	GE	EPA6260
0	Ethylbenzene	<0.050				*0.050*	µg/L	GE	EPA8260
0	Fluoride	112				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<111		v		18	µg/L	GE	EPA601OA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	348		v		20	µg/L	GE	EPA601OA
1	Manganese, total recoverable	35		v		2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	0.55				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<5.0		v		10	µg/L	GE	EPA6010A
0	Nitrate e s nitrogen	<10				10	µg/L	GE	EPA300.0
0	Nitrate e s nitrogen	<10	J	Q	L	10	µg/L	GE	EPA300 O
0	Nitrate-nitrite e s nitrogen	<10		v		50	µg/L	GE	EPA3531
0	Nitrite e s nitrogen	<5.0				5.0	µg/L	GE	EPA300 O
0	Nitrite e s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCs 1232	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1248	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1254	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1260	<0.13	J	CI		0.13	µg/L	GE	EPA8080
0	Phenols	<50				5.0	µg/L	GE	EPM20.2
0	Potassium, total recoverable	1,530		v		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	18,600		v		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,530		v		100	µg/L	GE	EPA601OA
0	Sulfate	2,150				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	*<0.050*				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	4.15		V		0.50	µg/L	GE	EPA6260
0	Tokens	<0.070		V		0.60	µg/L	GE	EPA8260
0	Total dissolved solids	65,000				5,000	µg/L	GE	EPA1601
0	Total organic carbon	<823		v		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	6.3		E		10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	160				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA5260
0	1,1,1-Trichloroethane	<0050				0.050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.60	µg/L	GE	EPA8260
0	Vanadium, blat recoverable	1.1	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<8.1		v		5.0	µg/L	GE	EPA601OA
0	Actinium-228	2.6E@%54E-09	UI			1.1E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.9E-11*5.7E-1 1	UI			1.4E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	-1.8E-09±1.9E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	4.1E-09±5.4E-09	UI			7.9E-09	µCi/mL	GP	EPIA-013
0	Barium-133	2.0E-09±2.6E-09	UI			3.6E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	7.7E-09±1.2E-08	UI			2 1E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.2E-09±1.6E-09	UI			28E-06	µCi/mL	GP	EPIA-013
0	Cesium-137	6.6E-10±1.7E-09	UI			32E-06	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.4E-10±1.5E-09	UI			27E-02	µCi/mL	GP	EPIA-013
0	cobalt-58	3.6E-10±1.8E-09	UI			34E-02	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.0E-10±1.5E-09	UI			29E-02	µCi/mL	GP	EPIA-013
0	Curium-242	-1.4E-11±15E-11	UI			1.1E-10	µCi/mL	GP	EPiA-011
0	Curium-243/244	-2 8E-11*3.6E-11	UI			1 5E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-3.4 E-12±6.9E-12	UI			7.1E-11	µCi/mL	GP	EPIA-011
0	Europium-152	1.3E-09±4.8E-09	UI			85E-02	µCi/mL	GP	EPIA-013
0	Europium-154	-8.6E-11±4.5E-09	UI			87E-06	µCi/mL	GP	EPIA-013
0	Europium-155	46E-0%6 3E-09	UI			1. 1E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	38E.1o:4 6E 10	UI			89E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	45 E-1 W93E.1O	UI			1 6E-09	µCi/mL	GP	EPIA-006
0	Lead-2 12	1.5E-09±5.2E-09	UI			61 E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-4 6E-10*1.8E4I9	UI			27E-02	µCi/mL	GP	EPIA-013
0	Neptunium-237	7.7 E-t 1±6.5E-11	UI			8 1E-11	µCi/mL	GP	EPIA-012

WAS HAA 1AA collected on 12/18/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	Neptunium-239	1.2E-08±1.3E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.6E-09±8 0E-10				1.5E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.3E-11±9.5E-11	UI	V		2.6E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	3.4E-10±1.9E-10				1.4E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	8.6E-09±2.0E-08	UI			3.9E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.3E-10±2.0E-09	UI			3.5E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.9E-09±2.4E-09	UI			4.6E-09	µCi/mL	GP	EPIA-013
0	Radium, total ● lpha-emitting	0.0E+00±3.0E- 10	UI			4.1E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	-7.5E-09±1.7E-08	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.0E-10*1.6E-03	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.7E-10±4.3E-10	UI			1.0E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.5E-09±7.2E-09	UI			1.7E-08	µCi/mL	(3P	EPIA-005
0	Thorium-228	-4.1E-11±4.3E-11	UI			1.8E.10	µCi/mL	GP	EPIA-012
0	Thorium-230	5.2E.1106.1E.11	UI	V		9.6E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	7.2E-12±3.2E-11	UI			9.6E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	0.0E+00	UI			1.8E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-2.7E.104?.2E-08	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Tritium	-2.9E-07±3.8E-07	u			68E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	3.2E-11:4.5E.1 1	UI	V		8.1E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	-4.8E-12±2.5E-11	UI			8.1E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.8E-11*3.2E-1 1	UI			2.8E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.8E- 104.7E-o2	UI			5.1E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-6.7E-10±3.3E-09	UI			6.0E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	6.3E-10±4.0E-09	UI			7.1E-09	µCi/mL	GP	EPIA-013

WELL HAA 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/1s/s5
Depth to water: 42.55 ft (1.97 m) below TOC
Water elevation: 250.65ft(76.4 m) msl
pH: 9.8
Sp. conductance: 180 µS/cm
Turbidity: 1 NTU
Waler **evacuated from the** wall **prior to** sampling 68 gal

Time: 10:29
Water temperature: 28°C
Air temperature: 9°C
Alkalinity: 32 mg/L
Phenolphthalein alkalinity: 7 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
1	pH	9.9	J	Q	L	0.010	pH	GE	EPA1 50.1
0	Specific conductance	162				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	66		V		1,000	mg/L	GE	EPA310.1
2	Aluminum, total recoverable	184		V		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, tota rrecoverable	<1.8		V		5.0	µg/L	GE	EPA6010A
0	Arsenic, total recoverable	3.9	J	E		5.0	µg/L	GE	EPA6010A
0	Barium, total recoverable	42				3.0	µg/L	GE	EPA801OA
0	Benzene	<0.50				0.60	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.027		V		3.0	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				50	µg/L	GE	EPA801oA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPAB260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	0.27	J	E		2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	32,200		v		20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,110				260	µg/L	GE	EPA300.0
0	Chlorobenzene	<0050				0.050	µg/L	GE	EPM260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPM260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA6260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	GE	EPM260
0	Chloroform	<0.050				0.050	µg/L	GE	EPM260
0	Chloromethane	4.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	<3.0		V		4.0	µg/L	GE	EPASO1OA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPM260
0	1,1-Dichloroethylene	<0050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0050				0.050	µg/L	GE	EPM260
0	Dichloromethane	<0.84		V		0.50	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	tie- 1,3-Dichloropropene	<0.050				0050	µg/L	GE	EPM260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA6260

Well HAA 1B collected on 12/18/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Fluoride	140				100	µg/L	GE	EPA300.0
0	Iron, total recoverable	<18				18	µg/L	GE	EPA801OA
0	Load, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Lithium, total recoverable	22	J	E		25	µg/L	GE	EPA801OA
0	Magnesium, total recoverable	330		v		20	µg/L	GE	EPA601OA
0	Manganese, total recoverable	5.9		v		2.0	µg/L	GE	EPA601OA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, ot recoverable	<3.8		v		10	µg/L	GE	EPA801OA
0	Nitrate ● s nitrogen	<10	J	Q	L	10	µg/L	GE	EPA300.0
0	Nitrate-nitrite as nitrogen	<50				50	µg/L	GE	EPA353.1
0	Nitrite u nitrogen	5.2				50	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1221	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1232	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1248	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1264	<0.13				0.13	µg/L	GE	EPA8080
0	PCB 1280	<0.13	J	cl		0.13	µg/L	GE	EPA8080
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
0	Potassium, total recoverable	2,-660		v		500	µg/L	GE	EPA601OA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	35,600		v		100	µg/L	GE	EPA801OA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	4,7s0		v		100	µg/L	GE	EPA601OA
0	Sulfate	3,740				1,000	µg/L	GE	EPA300.0
0	1.1 ,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPAS260
0	Thallium, total recoverable	<5.0				50	µg/L	GE	EPA601OA
0	Toluene	<o 080		V		0.50	µg/L	GE	EPA8260
0	Total dissolved solids	133,000				5,000	µg/L	GE	EPA160.1
0	Total organic carbon	478	J	E		1,000	µg/L	GE	EPA415.1
0	Total organic halogens	<10				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	170				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1:1 ,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0050	µg/L	GE	EPA8280
0	Trichlorofluoromethane	<0.50				0.60	µg/L	GE	EPA6260
0	Vanadium, total recoverable	2.6	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<3.6		V		5.0	µg/L	GE	EPA601oA
0	Actinium-228	5.OE-0&47E-09	UI			8.4E-09	µCi/mL	GP	EPIA-013
0	Americium-241	1.8E-11*6SE.1 1	UI			1.6E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	3.4E-10±1 32-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.1E-1048E09	UI			5.02-08	µCi/mL	GP	EPIA-013
0	Barium-133	3.4E-10±1.5E-09	UI			2.5E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	7.7E-09±8.8E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.2E-09±1 1E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.3E-10±1 .2E-09	UI			2.32-08	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.7E-10±1.1E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4.9E-11±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	cobalt-60	6.0E-12±1.2E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.02-1 1*2.62-11	UI			7.5E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.2E-11±6.4E- 11	UI			1.4E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-3.5E-12±6.9E-12	UI			7.2E-11	µCi/mL	GP	EPIA-011
0	Europium-152	3.3E-09±3.0E-09	UI			5.6E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.IE-*35E-09	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.9E-09±4.7E-09	UI			8.5E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	-4.6E-134L9E-1O	UI			6.4E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-4.0E-10±8.3E- 10	UI			1.4E-09	µCi/mL	GP	EPIA-006
0	Lead-212	0.0E+00	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.7E-10±1.2E-09	UI			1.7E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.6E-11±4 SE-11	UI			8.7E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	1.1E-08±9.9E-09	UI			1.5E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.3E-OA7.7E.1O				1.4E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.1E-10±16E-10	UI	V		1.6E.1O	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.3E-10±1.2E-10	UI			1.4E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	o 0E+00	UI			3.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	97E.I@I 1E-09	UI			19E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	22E-IfMI 3E-09	UI			2.4E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	6OE-1W4OE-1O				42E-10	µCi/mL	GP	EPIA-010
0	Ruthenium-106	9.6E-09±1.1E-08	UI			1.8E-08	µCi/mL	GP	EPIA-013
0	sodium-22	1.1E-09±1.2E-09	UI			24E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-7.6E-10±3.8E-10	UI			6.9E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	7.5E-11±7.8E-09	UI			1.9E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-1.4 E-11*7 .0E-11	UI			2 0E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	77E-IIi7 4E-11	UI	V		1.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.0E+00	UI			4 4E- 11	µCi/mL	GP	EPIA-012

Well A collected on 12/16/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Cesium-137	-5.8E-10±2.0E-09	UI			3.4E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.8E-09±3.6E-09	UI			27E-09	µCi/mL	GP	EPIA-013
o	Cobalt-58	-2.8E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.6E-12±2.1E-09	in			3. BE-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.0E+00	UI			4.5E-11	µCi/mL	GP	EPIA.011
0	Curium-243/244	-2.7E-11 ±5.0E-11	UI			1.8E.1O	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.0E+00	UI			4.3E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1 .oE-loi53E-OS	UI			9.2E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-6.1E-10±4.4E-09	UI			8.2E-09	µCi/mL	GP	EPIA-013
o	Europium-155	-2.1E-09±7.2E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	8.4E-10±6.3E-10	UI			9.4E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	46E-10il.IE-09	UI			1.9E-09	µCi/mL	GP	EPIA-006
0	Lead-212 .	3.7E-09±5.1E-09	UI			6.9E-09	µCi/mL	t3P	EPIA-013
0	Manganese-54	1.3E-10±1.8E-09	UI			3.2E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	7.0E- 11s4.6E-11				6.0E-11	µCi/mL	GP	EPIA-012
0	Neptunium-239	8.1E-09±1.2E-08	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.8E-O%7.8E-1O				1.4E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.2E-10±1.2E-10	UI	v		1.7E-10	µCi/mL	GP	EPIA-012
0	Plutonium-239/240	1.8E-10±1.4E-10				1.2E-10	µCi/mL	GP	EPIA-012
0	Potassium-40	3.6E-09±3.5E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1 .8E-10±1.7E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1 .0E-09±2.5E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Radium, total alpha-emitting	4.0E-10±4.0E-10	UI			4.1E-10	µCi/mL	GP	EPIA-O1O
0	Ruthenium-106	-3.5E-09±1.6E-08	UI			2.8E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.0E-10±1.6E-09	UI			2.9s-0s	µCi/mL	GP	EPIA-013
0	Strontium-90	.3.8E-11i2.5E.10	UI			8.2E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	6.4E-10±7.8E-09	UI			1.9E-08	µCi/mL	GP	EPIA-005
0	Thorium-226	7.8E-13±7.7E-11	UI			2.1E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	9.7E-11s6. 1E-11	UI	v		9.5E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	1.5E-11*3.oE-1 1	UI			4.5E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	1.5E-08±1.4E-07	UI			1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	9.6E-12±2.3E-09	UI			4.02-02	µCi/mL	GP	EPIA-013
0	Tritium	-3.5E-07±3.8E-07	UI			6.9E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	-8.4E-12±2.4E-11	UI	v		7.9E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.2E-11±2.5E-11	UI			5.2E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	-4.2E-12*84E-12	UI			5.2E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	.7.6E-1022.1E-O9	UI			3.9E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.8E-09±3.9E-09	UI			6.6E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	2.2E-10±3.5E-09	UI			6.5E-09	µCi/mL	GP	EPIA-013

. WELL HAA IAA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 12/18/95
Depth to water: 111.62 ft (34.02 m) below TOC
Water elevation: 181.08 ft (55.19 m) msl
pH N.R.
Sp. conductance: 120 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: S9 gal

Time: 9:44
Water temperature: 30°C
Air temperature: 9.2°C
Alkalinity: 34 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	7.1	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	1 16				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	40		v		1,000	mg/L	GE	EPA31O.1
0	Aluminum, total recoverable	<19		v		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
0	Antimony, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Arsenic, total recoverable	2.7	J	E		5.0	µg/L	GE	EPA601OA
0	Barium, total recoverable	33				*3.0*	µg/L	GE	EPA601OA
0	Benzene	<0.50				*0.60*	µg/L	GE	EPA8260
0	Beryllium, total recoverable	<0.12		v		*3.0*	µg/L	GE	EPA601OA
0	Boron, total recoverable	<50				*50*	µg/L	GE	EPA601oA
0	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	Bromoform	<0.050				0.050	µg/L	GE	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA8260
0	Cadmium, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Calcium, total recoverable	19,000		v		20	µg/L	GE	EPA601OA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA6260
0	Chloride	2,010				250	µg/L	GE	EPA300 o
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA6260
0	Chloroethane	<0.10				0.10	µg/L	GE	EPA8260
0	Chloroethene (Vinylchloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1,0				1.0	µg/L	GE	EPA8260

Well HAA 1AA collected on 12/18/95 (Cent)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Chloroform	<0.050				0.050	µg/L	GE	EPA8260
0	Chloromethane	<0.10				0.10	µg/L	GE	EPA8260
o	Chromium, total recoverable	<1.2		v		4.0	µg/L	GE	EPA601OA
o	cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601OA
0	Cyanide	<10				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.050	µg/L	(3E	EPA8260
0	Dichloromethane	<0.73		v		0.s0	µg/L	GE	EPA6260
0	1,2-Dichloropropane	<0.050				0.050	µg/L	GE	EPA6260
0	cis-1,3-Dichloropropene	<0.050				0.060	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.050	µg/L	GE	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	GE	EPA8260
o	Fluoride	98	J	E		100	µg/L	GE	EPA300.0
o	Iron, total recoverable	<106		v		18	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601OA
0	Magnesium, total recoverable	460		v		20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	5.3		v		2.0	µg/L	GE	EPA601oA
0	Mercury, total recoverable	<0 20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<3.1		v		10	µg/L	GE	EPASO1OA
0	Nitrate e s nitrogen	<10		Q	L	10	µg/L	GE	EPA300 O
0	Nitrate-nitrite e s nitrogen	<10		v		50	µg/L	GE	EPA353.1
0	Nitrite e s nitrogen	<5.0				5.0	µg/L	GE	EPA300.0
0	PCB 1016	<0.13				0.13	µg/L	GE	EPA6060
0	PCB 1221	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1232	<013				0.13	µg/L	GE	EPA6060
0	PCB 1242	<0.13				0.13	µg/L	GE	EPA8080
0	PCS 1248	4.13				0.13	µg/L	GE	EPA8080
o	PCB 12s4	<0.13				0.13	µg/L	GE	EPA8080
0	PCs 12s0	<0 13		CI	P	0.13	µg/L	GE	EPABOSO
0	Phenols	<5.0				5.0	µg/L	GE	EPA420.2
o	Potassium, total recoverable	1,260		v		500	µg/L	GE	EPA6010A
o	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA6010A
o	Silica, total recoverable	29,300		v		100	µg/L	GE	EPA601OA
o	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	1,830		v		100	µg/L	GE	EPA601OA
0	Sulfate	9,230				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPA6260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	<0.060		v		0.50	µg/L	GE	EPA6260
0	Total dissolved solids	101.000				5,000	µg/L	GE	EPA160.1
0	Tdd organic carbon	512"	J	E		1,000	µg/L	GE	EPA415.1
2	Tdat organic halogens	63				10	µg/L	GE	EPA9020B
0	Total phosphates (as P)	200				50	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0.050	µg/L	GE	EPA6260
0	1,1,2-Trichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPA8260
0	Vanadium, total recoverable	0.29	J	E		10	µg/L	GE	EPA601OA
0	Zinc, total recoverable	<3.2		v		5.0	µg/L	GE	EPA601OA
0	Actinium-228	2.4E-09±8.3E-09	UI			1.3E-06	µCi/mL	GP	EPIA-013
0	Americium-241	-3.4E-11±2.3E-11	UI			1SE-10	µCi/mL	GP	EPIA-011
0	Antimony-124	1.7E-09±2.0E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.5E-09±4 9E-09	UI			6.5E-09	µCi/mL	GP	EPIA-013
0	Barium-133	-6.6E-10±2.5E-09	UI			3.8E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.2E-08±1 3E-08	UI			2.4E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.5E-10±19E-09	UI			3.0E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.5E-10±1.9E-09	UI			35E-02	µCi/mL	GP	EPIA-013
0	Cobalt-57	-9.1E-11±1.7E-09	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4.9E-10±2.0E-09	UI			3.7E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.7E-10±2.2E-09	UI			3 9E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.9E-11±4.6E-11	UI			1 1E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	5.OE-11*7.6E- 11	UI			1 5E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	O. 0E+00	UI			4.4E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.6E-09±5.1E-09	UI			9 0E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-5 BE-10*4 .5E-O2	UI			8.2E-09	µCi/mL	GP	EPIA-013
0	Europium-155	25E-09*7.7E-09	UI			1.3E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.8E-10:43E-io	UI			9.8E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.9E-10±6 0E-10	UI			1.1E-09	µCi/mL	GP	EPIA-006
0	Load-212	2.1E-09±6.3E-09	UI			69E-06	µCi/mL	GP	EPIA-013
0	Manganese-54	-3 4E-10±1.6E-09	UI			29E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	8.8E-12±6.1E-11	UI			1.1E-10	µCi/mL	GP	EPIA-012

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1, 1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
O	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<2.0				2.0	µg/L	GE	EPA8260

WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale 1 **1/09/95** **Time: 12:40**
Depth to water: 46.63 lt (14.27 m) below TOO **Water temperature: 22.2°C**
Water elevation: 223.67 ft (68S.16 m) mat **Air temperature: 17.4°C**
pH: 7 **Alkalinity: Not available**
Sp. conductance: 122 µS/cm **Phenolphthalein alkalinity:** Nd ● vdtabk
Turbidity: 467 NTU

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Benzene	<2.0				2.0	µg/L	GE	EPA8260
0	Bromodichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Bromoform	<2.0				2.0	µg/L	GE	EPA8260
0	Bromomethane	<2.0				2.0	µg/L	GE	EPA8260
0	Carbon tetrachloride	<2.0				2.0	µg/L	GE	EPA8260
0	Chlorobenzene	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<2.0				2.0	µg/L	GE	EPA8260
0	2-Chloroethyl tayl ether	<10				10	µg/L	GE	EPA8260
0	Chloroform	<2.0				2.0	µg/L	GE	EPA8260
0	Chloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	Dibromochloromethane	4.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Dichloromethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<2.0				2.0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<2.0				2.0	µg/L	GE	EPA8260
0	Ethylbenzene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2,2-Tetrachloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Tetrachloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Toluene	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,1-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<2.0				2.0	µg/L	GE	EPA8260
0	Trichloroethylene	<2.0				2.0	µg/L	GE	EPA8260
0	Trichlorofluoromethane	1.3	J	E		2.0	µg/L	GE	EPA8260

WELL HAA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date **12/18/95** . - : 9 1 1
Depth to water: 111.75 ft (34 06 m) bakw TOC **Water temperature: 28°C**
Water elevation: 161.15 **ft (55.22** m) mat Air **temperature: 8.3°C**
pH: 9 **Alkalinity: 80 mg/L**
Sp. conductance: 200 µS/cm **Phenolphthalein alkalinity: 0 mg/L**
Turbidity: 1 NTU
Water **evacuated from** the wall prior 10 **sampling:** 34 **gal**

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
1	pH	9.3	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	195				0.30	µS/cm	GE	EPA120.1
0	Alkalinity (as CaCO3)	87		V		1,000	mg/L	GE	EPA310.1
2	Aluminum, total recoverable	227		V		20	µg/L	GE	EPA6010A
0	Ammonia nitrogen	<50				50	µg/L	GE	EPA350.1
O	Antimony, tots al recoverable	<1.s				5.0	µg/L	GE	EPA6010A
O	Arsenic, total recoverable	<50		v		5.0	µg/L	GE	EPA6010A
O	Barium, total recoverable	79				25	µg/L	GE	EPA6010A
O	Barium, total recoverable	91				3.0	µg/L	GE	EPA6010A
O	Benzene	<0 50				0.50	µg/L	GE	EPA8260
O	Beryllium, total recoverable	<0.042		v		3.0	µg/L	GE	EPA6010A
O	Boron. total recoverable	<50				50	µg/L	GE	EPA6010A
O	Bromodichloromethane	<0.050				0.050	µg/L	GE	EPA8260

Well HAA 1A collected on 12/18/95 (cont.)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	Bromoform	<00s0				0.0s0	µg/L	G E	EPA8260
0	Bromomethane	<0.10				0.10	µg/L	GE	EPA6260
0	Cadmium, total recoverable	0.10	J	E		2.0	µg/L	GE	EPA601oA
0	Calcium, total recoverable	43,100		V		20	µg/L	GE	EPA601oA
0	Carbon tetrachloride	<0.050				0.050	µg/L	GE	EPA8260
0	Chloride	2,400				250	µg/L	G E	EPA300.0
0	Chlorobenzene	<0.050				0.050	µg/L	GE	EPA8260
0	Chloroethane	<0 10				0.10	µg/L	GE	EPAS260
0	Chloroethene (Vinyl chloride)	<0.10				0.10	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<1.0				1.0	µg/L	G E	EPA8260
0	Chloroform	<0.050				0.050	µg/L	GE	EPA6260
0	Chloromethane	4.10				0.10	µg/L	GE	EPA8260
0	Chromium, total recoverable	<1.s		v		4.0	µg/L	GE	EPA601oA
0	Cobalt, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Copper, total recoverable	<4.0				4.0	µg/L	GE	EPA601oA
0	Cyanide	<lo				10	µg/L	GE	EPA335.3
0	Dibromochloromethane	<0.050				0.050	µg/L	G E	EPA8260
0	1,1-Dichloroethane	<0.0s0				0.0s0	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<0.050				0.050	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<0.050				0.050	µg/L	G E	EPA8260
0	trans-1,2-Dichloroethylene	<0.050				0.0s0	µg/L	GE	EPA8260
0	Dichloromethane	<0.76		v		0.s0	µg/L	GE	EPM260
0	1,2-Dichloropropane	<0.050				0.0s0	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<0.050				0.0s0	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<0.050				0.0s0	µg/L	G E	EPA8260
0	Ethylbenzene	<0.050				0.050	µg/L	G E	EPA8260
0	Fluoride	165				00	µg/L	GE	EPA300 O
0	Iron, total recoverable	<16		v		18	µg/L	GE	EPA601oA
0	Lead, total recoverable	<100				100	µg/L	GE	EPA601oA
0	Lead, total recoverable	<5.0				5.0	µg/L	GE	EPA601oA
1	Lithium, total recoverable	36				25	µg/L	GE	EPA601oA
0	Lithium, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Magnesium, total recoverable	877		V		20	µg/L	GE	EPA601oA
0	Manganese, total recoverable	7.0	J	E		10	µg/L	G E	EPA6010A
0	Manganese, total recoverable	8.6		V		2.0	µg/L	GE	EPAso1oA
0	Mercury, total recoverable	<0.20				0.20	µg/L	GE	EPA7470
0	Nickel, total recoverable	<25				2s	µg/L	GE	EPA6010A
0	Nickel, total recoverable	<4.1		V		10	µg/L	GE	EPA601OA
0	Nitrate● s nitrogen	<10	J	Q	L	10	µg/L	GE	EPA300 O
0	Nitrate-nitrite● s nitrogen	<20		V		50	µg/L	GE	EPA3531
0	Nitrite● s nitrogen	<s.0				5.0	µg/L	G E	EPA300.0
0	PCB 1018	<0.13				0.13	µg/L	GE	EPM060
0	PCs 1221	<0.13				0.13	µg/L	GE	EPM060
0	PCB 1232	<0.13				0.13	µg/L	G E	EPA8080
0	PCS 1242	<0.13				0.13	µg/L	GE	EPMoso
0	PCB 1248	<0.13				0.13	µg/L	GE	EPM060
0	PCB 12s4	4.13				0.13	µg/L	GE	EPA8080
0	PCB 1260	4.13				0.13	µg/L	G E	EPA8080
0	Phenols	<s.0	J	cl		5.0	µg/L	GE	EPM20.2
0	Potassium, total recoverable	1,920		v		500	µg/L	GE	EPA601oA
0	Selenium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Silica, total recoverable	36,600		v		100	µg/L	GE	EPA601OA
0	Silver, total recoverable	<25				25	µg/L	GE	EPA601oA
0	Silver, total recoverable	<2.0				2.0	µg/L	GE	EPA601OA
0	Sodium, total recoverable	3,s40		v		100	µg/L	GE	EPA601oA
0	Sulfate	9.400				1,000	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<0.050				0.050	µg/L	GE	EPM260
0	Tetrachloroethylene	<0.050				0.050	µg/L	GE	EPM260
0	Thallium, total recoverable	<5.0				5.0	µg/L	GE	EPA601OA
0	Toluene	<0.070		v		0.50	µg/L	G E	EPA8260
0	Total dissolved solids	140,000				5,000	µg/L	G E	EPA160.1
0	Total organic carbon	<715		v		1,000	µg/L	G E	EPA415.1
0	Total organic halogens	<10				10	µg/L	G E	EPA9020B
0	Total phosphates (as P)	.30				so.	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<0.050				0 050	µg/L	G E	EPA8260
0	1,1,2-Trichloroethane	<0050				0.050	µg/L	G E	EPA8260
0	Trichloroethylene	<0.050				0.050	µg/L	G E	EPA8260
0	Trichlorofluoromethane	<0.50				0.50	µg/L	GE	EPM260
0	Vanadium, total recoverable	0.93	J	E		10	µg/L	GE	EPA601oA
0	Zinc, total recoverable	<5.7		V		5.0	µg/L	GE	EPA601oA
0	Actinium-228	9.1E-09±61E-09	UI			1 3E-08	µCi/m	G P	EPIA-013
O	Arnerkhrrn.i41	5.6E-11±8 1E-11	UI			1.6E-10		GP	EPIA-011
0	Antimony-124	1.7E-09±2.7E-09	UI			35E-03	µC	G P	EPIA-013
o	Antimony 125	-2.4E-0%52E-09	UI			8.5E-09	µC	(3P	EPIA-013
O	Barturn-133	8.5E-10±2.6E-09	UI			42E@9	µC	G P	EPIA-013
0	Cerium-144	43E-0%1.3E.06	UI			2.1E-08		G P	EPIA-013
O	Cesium-134	1.4E-09122E-09	UI			3.1E-09		GP	EPIA-013

APPENDIX F: MONITORING WELL DATA (TANK FARM WELLS)

Key to the Tables

A	analytical qualifier
B	bias qualifier
E	exponential notation (e.g., 1. 1E-09 = 1.1 x 1U9=0.0000000011)
F	flag
µCi/mL	microcuries per milliliter
µg/L	micrograms per liter
µS/cm	microsiemens per centimeter
mg/L	milligrams per liter
msl	mean sea level
NTU	nephelometric turbidity units
R	result qualifier
SQL	sample quantitation limit
TOC	top of casing

Result Qualifiers

(blank)	Data not remarked. Number should be interpreted exactly as reported,
D	Field measurement.
I	The value in the result field is the instrument reading, not the sample quantification limit. Always used with the result qualifier U.
J	The analytical result is an estimated quantity.
L	Off-scale high. The actual value is not known to be greater than the value shown.
R	Rejected because performance requirements in the sample or associated quality control analyses were not met. The analyte may or may not be present.
T	The material is not present at the criterion of detection. The analytical result field should be blank. For analyses yielding a presence/absence result, the analyte is considered to be absent.
U	Material analyzed for but not detected. Analytical result reported is less than the sample quantitation limit.
V	The analyte was detected in both the sample and the associated method blank. It indicates that the sample's result falls within the 5x and 10x rule for organics or the 5x rule for pesticides.

Analysis Qualifiers	Definition
C	**Laboratory Control Sample:** (V, Inorganic FG) Criteria were not met. Use with J. However, if laboratory control sample results were higher than the control limits and the sample result is less than the instrument detection limit, no qualifier other than U is required.
E	The detected result is between the sample-specific estimated quantitation limit and the method detection limit. Report the actual result detected.
I	**Matrix Spike/Matrix Spike Duplicate** (VI, Organics FG; VI, Pesticides) **Matrix Spike Sample** Analysis (VII, Inorganic FG) Spike recovery not within control limits. Use alone or with J or R.
L	**Calibration Criteria Not Met** (III, Organics FG; III, Pesticides FG; II, Inorganic FG): Calibration criteria (initial or continuing) were not met. Use with J or R. See also Z for inorganic.
O	**Surrogate Recovery** (V, Organics FG; V, Pesticides FG) Surrogate spike recoveries are out of specification. Use with J, UJ, or R. For pesticides, use for all surrogate recovery anomalies not covered by E above..
Q	**Holding Time** (I, Organics FG; I, Pesticides FG; I, Inorganic FG) Sample held beyond normal holding time. In addition, if the holding time is exceeded by less than 30 days, use a J; if the holding time is exceeding by 30 days or more, use an R.
V	**Laboratory Blanks Contaminated** (IV, Organics FG; IV, Pesticides FG; III, Inorganic FG) Indicates the analyte was detected in both the sample and associated method blank. Use with the result qualifier V for organics or pesticides if the sample falls within the 5x and 10x rule for organics or the 5x rule for pesticides and inorganic. Report the actual result detected.
X	**Matrix Spike/Marix Spike Duplicates** (VI, Organics FG; VI, Pesticides FG) **Laboratory Duplicate Sample Analysis** (VI, Inorganic FG) Duplicate analysis relative percent difference was not within control limits.
Y	Result obtained from unpreserved or improperly preserved sample. Data may not be accurate.
Z	**Calibration** (II, Inorganic FG) **Furnace Atomic Absorption QC** (VIII, Inorganic FG). Correlation coefficient was less than 0.995.
4	Matrix interference. Value cannot be determined. Use with R.
5	The analytical value was four times higher than the standard concentration, and percent recovery cannot be determined. Use with R.

Bias Qualifier	Definition
H	Analytical factor causing bias. The associated result may overestimate the true value.
L	Analytical factor causing bias. The associated result may underestimate the true value.
P	Analytical factor causing poor precision. The associated result may be of high variability.

The following qualifiers are used to indicate bias, if known, when a J or R result qualifier has been used.

Flagging Criteria

Analytes in the data tables are assigned a flagging level (0, 1, or 2) depending on their concentration in a groundwater sample. The flagging levels dictate the scheduling and frequency of groundwater sampling. Beginning in 1991, EPD/EMS modified its guidelines for setting flagging levels for the Groundwater Monitoring Program. The flagging criteria in table 2 were determined as follows:

Certain aesthetic constituents, indicator parameters, major cations, and common laboratory contaminants and cleaners were not assigned flagging criteria, but are analyzed by special request.

Flag 0: Analytical results below Flag 1 and constituents having no flagging criteria are classified as Flag 0.

Flag 1: The Flag 1 criterion for a constituent was set as one-half of the EPA final primary drinking water Standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent did not have an EPA drinking water standard, the Flag 1 criterion was set as five times a recently published 90th percentile detection limit obtained by one of the primary laboratories.

Flag 2: The Flag 2 criterion for a constituent was set as the EPA final Primary drinking water standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent did not have a drinking water standard, the Flag 2 *criterion* was *set* as 10 times a recently published 90th percentile detection limit obtained by one of the primary laboratories.

The following acronyms are used as abbreviated sources m the flagging criteria table. Complete information concerning documents cited can be found in the References section of this report

APHA—American Public Health Association.

APHA Method—A specific analytical method for testing constituent levels in a sample as established by the APHA, American Water Works Association, and Water Pollution Control Federation. See American Public Health Association et al. in References.

EPA—U.S. Environmental Protection Agency.

EPA Method—A specific analytical method for testing constituent levels. Descriptions of these methods can be found in the EPA publications *Methods for Chemical Analysis of Water and Wastes* (1983) and *Test Methods for Evaluating Solid Waste (1986) and* in the 1991- *of Federal Regulations*, Title 40, Part 136. See Environmental Protection *Agency* in References.

EPD/EMS—The Environmental Protection Department/Environmental Monitoring Section at the Savannah River Site.

PDWS—Primary Drinking Water Standards.

SCDHEC—South Carolina Department of Health and Environmental Control.

SDWS—Secondary Drinking Water Standards.

Table 2. Flagging Criteria

Analyte	Unit	Flag 7	Flag 2	Source†
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	500	1,000	EPA Method 8240
Acetonitrile (Methyl cyanide)	µg/L	500	1,000	EPA Method 8240
Acetophenone	µg/L	50	100	EPA Method 8270
2-Acetylaminofluorene	µg/L	50	100	EPA Method 8270
Acrolein	µg/L	100	200	EPA Method 8240
Acrylonitrile	µg/L	100	200	EPA Method 8240
Actinium-228	µCi/mL	1.64E-06	3.27E-06	Proposed PDWS (EPA, 1991c)
Alachlor	µg/L	1.0	2.0	Final PDWS (EPA, 1994a)
Aldicarb	µg/L	1.5	3.0	Final PDWS (EPA, 1994a)
Aldicarb sulfone	µg/L	1.0	2.0	Final PDWS (EPA, 1994a)
Aldicarb sulfoxide	µg/L	2.0	4.0	Final POWS (EPA, 1994a)
, Aldrin	µg/L	025	0.5	EPA Method 8080
Alkalinity (as $CaCO_3$)		No flag	No flag	Set by EPD/EMS
Allyl chloride	µg/L	250	500	EPA Method 8240
Aluminum	µg/L	25	50	SOWS (EPA, 1994b)
Aluminum, dissolved	µg/L	25	50	SDWS (EPA, 1994b)
Aluminum, total recoverable	µg/L	25	50	SDWS (EPA, 1994b)
Americium-241	µg/L	3.17E-09	6.34E-09	Proposed PDWS (EPA, 1991c)
Americium-243	µCi/mL	3.19E-09	6.37E-09	Proposed PDWS (EPA, 1991c)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	500	1,000	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	3.0	6.0	Final PDWS (EPA, 1994a)
Antimony, dissolved	µg/L	3.0	6.0	Final POWS (EPA, 1994a)
Antimony, total recoverable	µg/L	3.0	6.0	Final PDWS (EPA, 1994a)
Antimony-124	µCi/mL	3.0E-08	6.0E-08	Interim Final PDWS (EPA, 1977)
Antimony-125	µCi/mL	1.5E-07	3.0E-07	Interim Final POWS (EPA, 1-
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final POWS (EPA, 1994a)
Arsenic, dissolved	µg/L	25	50	Final PDWS (EPA, 1994a)
Arsenic, total recoverable	µg/L	25	50	Final PDWS (EPA, 1994a)
Asbestos	Fibers/L	3,500,000	7,000,000	Final POWS (EPA, 1994a)
Atrazine	µg/L	105	3.0	Final POWS (EPA, 1994a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final PDWS (EPA, 1994a)
Barium, dissolved	µg/L	1,000	2,000	Final PDWS (EPA, 1994a)
Barium; total recoverable	µg/L	1,000	2,000	Final POWS (EPA, 1994a)
Barium-133	µCi/mL	7.60E-07	1.52E-06	Proposed PDWS (EPA, 1991c)
Barium-140	µCi/mL	4.5E-08	9.0E-08	Interim Final POWS (EPA, 1977)
Benzene	µg/L	2.5	5.0	Final POWS (EPA, 1994a)
alpha-Benzene hexachloride	µg/L	025	0.5	EPA Method 8080
beta-Benzene hexachloride	µg/L	025	0.5	EPA Method 8080
delta-Benzene hexachloride	µg/L	025	0.5	EPA Method 6080
Benzidine	µg/L	250	500	EPA Method 8270
Benzo[*a*]anthracene	µg/L	0.05	0.1	Proposed PDWS (EPA, 1990)
Benzo[*b*]fluoranthene	µg/L	0.1	0.2	Proposed POWS (EPA, 1990)
Benzo[*k*]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzoic acid	µg/L	250	500	EPA Method 8270
Benzo[*g,h,i*]perylene	µg/L	50	100	EPA Method 8270
Benzo[*a*]pyrene	µg/L	0.1	0.2	Final POWS (EPA, 1994a)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	50	100	EPA Method 8270
Beryllium	µg/L	2.0	4.0	Final PDWS (EPA, 1994a)
Beryllium, dissolved	µg/L	2.0	4.0	Final PDWS (EPA, 1994a)
Beryllium, total recoverable	µg/L	2.0	4.0	Final POWS (EPA, 1994a)

Analyte	Unit	Flag 1	Flag 2	Source†
Beryllium-7	µCi/mL	3.0E-06	6.0E-06	Interim Final PDWS (EPA, 1977)
Bis(2-chloroethoxy) methane	µg/L	50	100	EPA Method 827o
Bis(2-chloroethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-chloroisopropyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate	µg/L	3.0	6.0	Final PDWS (EPA, 1994a)
Bismuth-214	µCi/mL	9.4E-06	1.89E-05	Proposed PDWS (EPA, 1991 c)
Boron	µg/L	150	300	EPA Method 6010
Boron, dissolved	µg/L	150	300	EPA Method 6010
Boron, total recoverable	µg/L	150	300	EPA Method 6010
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final PDWS (EPA, 1994a)
Bromoform	µg/L	50	100	Final PDWS (EPA, 1994a)
Bromomethane	µg/L	5.0	10	EPA Method 8240 '
4-Bromophenylphenyl ether	µg/L	50	100	EPA Method 827o
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7.0	Final PDWS (EPA 1994a)
Cadmium	µg/L	2.5	5.0	Final PDWS (EPA 1994a)
Cadmium, dissolved	µg/L	2.5	5.0	Final PDWS (EPA 1994a)
Cadmium, total recoverable	µg/L	2.5	5.0	Final PDWS (EPA 1994a)
Calcium		No flag	No flag	Set by EPD/EMS
Calcium, dissolved		No flag	No flag	Set by EPD/EMS
Calcium, total recoverable		No flag	No flag	Set by EPD/EMS
Carbon disulfide	µg/L	5.0	10	EPA Method 824o
Carbofuran	µg/L	20	40	Final PDWS (EPA, 1994a)
Carbon tetrachloride	µg/L	2.5	5.0	Final PDWS (EPA, 1994a)
Carbon-14	µCi/mL	1.0E-06	2.0E-06	Interim Final PDWS (EPA,1977)
Carbonate		No flag	No flag	Set by EPD/EMS
Cerium-141 ◙	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Cerium-144	µCi/mL	1.31 E-07	2.61 E-07	Proposed PDWS (EPA, 1991c)
Cesium-134❖	µCi/mL	4.07E-08	8.13E-08	Proposed PDWS (EPA, 1991c)
Cesium-137	µCi/mL	1.OE-07	2.0E-07	Interim Final PDWS (EPA, 1977)
Chlordane	µg/L	1.0	2.0	Final PDWS (EPA, 1994a)
Chloride	µg/L	125,000	250,000	SDWS (EPA, 1994b)
4-Chloroaniline	µg/L	50	100	EPA Method 8270
Chlorobenzene	µg/L	50	100	Final PDWS (EPA, 1994a)
Chlorobenzilate	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5.0	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1.0	2.0	Final PDWS (EPA, 1994a)
Chloroethyl vinyl ether	µg/L	5.0	10	EPA Method 8240
2-Chloroethyl vinyl ether	µg/L	5.0	10	EPA Method 6240
Chloroform	µg/L	50	100	Final PDWS (EPA, 1 994a)
4-Chloro-m-cresol	µg/L	50	100	EPA Method 8270
Chloromethane	µg/L	5.0	10	EPA Method 8240
2-Chloronaphthalene	µg/L	50	100	EPA Method 8240
2-Chlorophenol	µg/L	50	100	EPA Method 8270
4-Chlorophenylphenyl ether	µg/L	50	100	EPA Method 8270
Chloroprene	µg/L	1,000	2,000	EPA Method 8240
Chromium	µg/L	50	100	Final PDWS (EPA, 1994a)
chromium, dissolved	µg/L	50	100	Final PDWS (EPA, 1994a)
Chromium, total recoverable	µg/L	50	100	Final POWS (EPA, 1994a)
Chromium-51 ◙	µCi/mL	3.0E-06	6.0E-06	Interim Final PDWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Cobalt	µg/L	20	40	EPA Method 6010
Cobalt, dissolved	µg/L	20	40	EPA Method 6010
Cobalt, total recoverable	µg/L	20	40	EPA Method 6010
cobalt-57	µCi/mL	5.0E-07	1.OE-06	interim Final PDWS (EPA, 1977)
cobalt-58	µCi/mL	4.5E-06	9.0E-06	Interim Final PDWS (EPA, 1977)
Cobalt-60	µCi/mL	5.0E-08	1.OE-07	Interim Final PDWS (EPA,1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, dissolved	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)

Analyte	Unit	Flag 1	Flag 2	Source†
Copper, total recoverable	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Corrosivity		No flag	No flag	Set by EPD/EMS
m-Cresol	µg/L	50	100	EPA Method 8270
o-Cresol (2-Methylphenol)	µg/L	50	100	EPA Method 8270
p-Cresol (3-Methylphenol)	µg/L	50	100	EPA Method 8270
Curium-242	µCi/mL	6.65E-08	1.33E-07	Proposed PDWS (EPA, 1991c)
curium-243	µCi/mL	4.15E-09	8.30E-09	Proposed PDWS (EPA, 1991c)
Curium-243/244O	µCi/mL	4.15E-09	8.30E-09	Proposed PDWS (EPA, 1991c)
curium-244	µCi/mL	4.92E-09	9.84E-09	Proposed PDWS (EPA, 1991 C)
Curium-245/246O	µCi/mL	3.12E-09	6.23E-09	Proposed PDWS (EPA, 1991c)
curium-246	µCi/mL	3.14E-09	6.27E-09	Proposed POWS (EPA, 1991c)
cyanide	µg/L	100	200	Final PDWS (EPA, 1994a)
Dalapon	µg/L	100	200	Final PDWS (EPA, 1994a)
p,p´-DDD	µg/L	0.5	1.0	EPA Method 8080
p,p´-DDE	µg/L	0.5	1.0	EPA Method 8080
p,p´-DDT	µg/L	0.5	1.0	EPA Method 8080
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[*a,h*]anthracene	µg/L	0.15	0.3	Proposed PDWS (EPA, 1990)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final PDWS (EPA, 1994a)
1 ,2-Dibromo-3-chloropropane	µg/L	0.1	0.2	Final POWS (EPA, 1994a)
1 ,2-Dibromoethane	µg/L	0.025	0.05	Final PDWS (EPA, 1994a)
Dibromomethane	µg/L	5.0	10	EPA Method 8240
1 ,2-Dichlorobenzene	µg/L	300	600	Final PDWS (EPA, 1994a)
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final PDWS (EPA, 1994a)
3,3'-Dichlorobenzidine	µg/L	50	100	EPA Method 8270
trans-1,4-Dichloro-2-butene	µg/L	150	300	EPA Method 8240
Dichlorodifluoromethane	µg/L	5.0	10	EPA Method 8240
1,1-Dichloroethane	µg/L	5.0	10	EPA Method 6240
1 ,2-Dichloroethane	µg/L	2 5	5.0	Final POWS (EPA 1994a)
1,1-Dichloroethylene	µg/L	3.5	7.0	Final PDWS (EPA 1994j
1,2-Dichloroethylene	µg/L	25	50	EPA Method 8240
cis-1,2-Dichloroethylene	µg/L	35	70	Final PDWS (EPA, 1 994a)
trans-1,2-Dichloroethylene	µg/L	50	100	Final POWS (EPA, 1994a)
Dichloromethane	µg/L	2 5	5.0	Final PDWS (EPA 1 994a)
2,4-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,6-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,4-Dichlorophenoxyacetic acid	µg/L	35	70	Final PDWS (EPA, 1994a)
1,2-Dichloropropane	µg/L	2 5	5.0	Final POWS (EPA, 1 994a)
cis-1,3-Dichloropropene	µg/L	5.0	10	EPA Method 8240
trans-1,3-Dichloropropene	µg/L	5.0	10	EPA Method 8240
Dieldrin	µg/L	2.5-	5.0	EPA Method 8080
Di(2-ethylhexyl) adipate	µg/L	200	400	Final PDWS (EPA, 1994a)
Diethyl phthalate		No flag	No flag	Set by EPD/EMS
Dimethoate	µg/L	50	100	EPA Method 8270
p-Dimethylaminoazobenzene	µg/L	50	100	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	50	100	EPA Method 8270
7,12-Dimethylbenz[*a*]anthracene	µg/L	50	100	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	50	100	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	50	100	EPA Method 8270
2,4-Dimethyl *phenol*	µg/L	50	100	EPA Method 8270
Dimethyl phthalate		No flag	No flag	Set by EPD/EMS
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
1,3-Dinitrobenzene	µg/L	50	100	EPA Method 8270
2,4-Dinitrophenol	µg/L	250	500	EPA Method 8270
2,4-Dinitrotoluene	µg/L	50	100	EPA Method 8270
2,6-Dinitrotoluene	µg/L	50	100	EPA Method 8270
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
1,4-Dioxane	µg/L	50	100	EPA Method 8270
Diphenylamine	µg/L	50	100	EPA Method 8270
1,2-Diphenylhydrazine	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source†
Diquat dibromide	µg/L	10	20	Final POWS (EPA, 1994a)
Dissolved organic carbon	µg/L	5,000	10,000	EPA Method 9060
Disulfoton	µg/L	50	100	EPA Method 8270
Eh		No flag	No flag	Set by EPD/EMS
Endosulfan I	µg/L	0.5	1.0	EPA Method 8080
Endosulfan II	µg/L	0.5	1.0	EPA Method 8080
Endosulfan sulfate	µg/L	0.5	1.0	EPA Method 8080
Endothall	µg/L	50	100	Final PDWS (EPA, 1994a)
Endrin	µg/L	1.0	2.0	Final POWS (EPA, 1994s)
Endrin aldehyde	µg/L	0.5	1.0	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Ethylbenzene	µg/L	350	700	Final POWS (EPA, 1994a)
Europium-152	µCi/mL	3.0E-08	6.0E-08	Interim Final PDWS (EpA, 197
Europium-154	µCi/mL	1.OE-07	2.0E-07	Interim Final POWS (EPA, 197
Europium-155	µCi/mL	3.0E-07	6.0E-07	Interim Final PDWS (EPA, 197
Famphur	µg/L	50	100	EPA Method 8270
Fluoranthene	µg/L	50	100	EPA Method 8270
Fluorene	µg/L	50	100	EPA Method 8270
Fluoride	µg/L	2,000	4,000	Final POWS (EPA, 1994a)
Glyphosate	µg/L	350	700	Final POWS (EPA, 1994a)
Gross alpha	µCi/mL	7.5E-09	1.5E-08	Final POWS (EPA, 1994a)
Heptachlor	µg/L	0.2	0.4	Final PDWS (EPA, 1994a)
Heptachlor epoxide	µg/L	0.I	0.2	Final POWS (EPA, 1994a)
Heptachlorodibenzo-p-dioxins	µg/L	0.00325	0.0065	EPA Method 8280
Heptachlorodibenzo-p-furans	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1.0	Final PDWS (EPA, 1994a)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Final PDWS (EPA, 1994a)
Hexachlorodibenzo-p-dioxins	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furans	µg/L	0.002	0.004	EPA Method 8280
Hexachloroethane	µg/L	50	100	EPA Method 8270
Hexachlorophene	µg/L	250	500	EPA Method 8270
Hexachloropropene	µg/L	50	100	EPA Method 8270
2-Hexanone	µg/L	50	100	EPA Method 8240
12,3,496,7,8-HPCDD	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-HPCDF	µg/L	0.00225	0.0045	EPA Method 8280
12,3,4.7,8-HXCDD	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,7,8-HXCDF	µg/L	0.002	0.004	EPA Method 8280
Indeno[1,2,3-*c,d*]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	250	500	APHA Method 415A
iodine-129	µCi/mL	5.0E-10	1.0E-09	Interim Final POWS (EPA,1977
iodine-131 ◙	µCi/mL	1.5E-09	3.0E-09	Interim Final POWS (EPA, 1977
Iodomethane (Methyl iodide)	µg/L	7s	150	EPA Method 8240
kon	µg/L	150	300	SDWS (EPA, 1994b)
Iron, dissolved	µg/L	150	300	SOWS (EPA, 1994b)
Iron, total recoverable	µg/L	150	300	SOWS (EPA, 1994b)
iron-55El	µCi/mL	1.0E-06	2.0E-06	Interim Final POWS (EPA, 1977;
Iron-59◙	µCi/mL	1.OE-07	2.0E-07	Interim Final POWS (EPA, 1977
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270
Isophorone	µg/L	50	100	EPA Method 6270
Isosafrole	µg/L	50	100	EPA Method 8270
Kepone	µg/L	50	100	EPA Method 8270
Lanthanum-140◙	µCi/mL	3.0E-08	6.0E-08	Interim Final PDWS (EPA, 1977
Lead	µg/L	25	50	Final POWS (SCDHEC, 1981)
Lead, dissolved	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, total recoverable	µg/L	25	50	Final POWS (SCDHEC, 1981)
Lead-212	µCi/mL	6.20E-08	1.23E-07	Proposed POWS (EPA, 1991c)
Lindane	µg/L	0.1	0.2	Final PDWS (EPA, 1994a)
Lithium	µg/L	25	50	EPA Method 6010

Analyte	Unit	Flag 1	Flag 2	Source†
Lithium, dissolved	µg/L	25	50	EPA Method 6010
Lithium, total recoverable	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Magnesium, dissolved		No flag	No flag	Set by EPD/EMS
Magnesium, total recoverable		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	SOWS (EPA, 1994b)
Manganese, dissolved	µg/L	25	50	SOWS (EPA, 1994b)
Manganese, total recoverable	µg/L	25	50	SOWS (EPA, 1994b)
Manganese-54	µCi/mL	1.5E-07	3.0E-07	Interim Final POWS (EPA. 1977)
Mercury	µg/L	1.0	2.0	Final PDWS (EPA, 1994a)
Mercury, dissolved	µg/L	1.0	2.0	Final PDWS (EPA, 1994a)
Mercury, total recoverable	µg/L	1.0	2.0	Final PDWS (EPA, 1994a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 6270
Methoxychlor	µg/L	20	40	Final POWS (EPA, 1994a)
3-Methylcholanthrene	µg/L	50	100	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	250	500	EPA Method 8270
Methyl ethyl ketone		No flag	No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	No flag	Set by EPD/EMS
Methyl methacrylate	µg/L	50	100	EPA Method 8270
Methyl methanesulfonate	µg/L	50	100	EPA Method 8270
2-Methylnaphthalene	µg/L	50	100	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Molybdenum, dissolved	µg/L	250	500	EPA Method 6010
Molybdenum, total recoverable	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	50	100	EPA Method 8270
1,4-Naphthoquinone	µg/L	50	100	EPA Method 8270
1-Naphthylamine	µg/L	50	100	EPA Method 8270
2-Naphthylamine	µg/L	50	100	EPA Method 8270
Neptunium-237	µCi/mL	3.53E-09	7.06E-09	Proposed PDWS (EPA, 1991c)
Neptunium-239	µCi/mL	8.40E-07	1.68E-06	Proposed POWS (EPA, 1991c)
Nickel	µg/L	50	100	Final POWS (EPA, 1994a)
Nickel, dissolved	µg/L	50	100	Final PDWS (EPA, 1994a)
Nickel, total recoverable	µg/L	50	100	Final POWS (EPA, 1994a)
Nickel-59	µCi/mL	1.5E-07	3.0E-07	*Interim Final* POWS (EPA, 1977)
Nickel-63	µCi/mL	2.5E-08	5.0E-08	Interim Final PDWS (EPA, 1977)
Niobium-95	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final POWS (EPA, 1994a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1994a)
Nitrite as nitrogen	µg/L	500	1,000	Final PDWS (EPA, 1994a)
m-Nitroaniline	µg/L	50	100	EPA Method 8270
o-Nitroaniline	µg/L	50	100	EPA Method 8270
p-Nitroaniline	µg/L	50	100	EPA Method 8270
Nitrobenzene	µg/L	50	100	EPA Method 8270
Nitrogen by Kjeldahl method	µg/L	500	1,000	EPA Method 351.2
2-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitroquinoline-1-oxide	µg/L	50	100	EPA Method 8270
N-Nitrosodiethylamine	µg/L	50	100	EPA Method 6270
N-Nitrosodimethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	50	100	EPA Method 8270
N-Nitroaodipropyiamine	µg/L	50	100	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomorpholine	µg/L	50	100	EPA Method 8270
N-Nitrosopiperidine	µg/L	50	100	EPA Method 6270
N-Nitrosopyrrolidine	µg/L	50	100	EPA Method 8270
5-Nitro-o-toluidine	µg/L	50	100	EPA Method 8270
Nonvolatile beta	µCi/mL	2.5E-08	5.0E-08	interim Final PDWS (EPA, 1977)
Octachlorodibenzo-p-dioxins	µg/L	0.005	0.01	EPA Method 8280
Octachlorodibenzo-p-furans	µg/L	0.005	0.01	EPA Method 8280
Odor		No flag	No flag	Set by EPD/EMS

Analyte	Unit	Flag 1	Flag 2	Source†
Oil & grease	µg/L	5,000	10,000	EPA Method 413.1
Oxamyl	µg/L	100	200	Final POWS (EPA, 1994a)
Parathion	µg/L	0.25	0.5	EPA Method 8080
Parathion methyl	µg/L	0.25	0.5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final PDWS (EPA, 1994a)
PCB 1221	µg/L	0025	0.5	Final PDWS (EPA, 1994a)
PCB 1232	µg/L	0.25	0.5	Final POWS (EPA, 1994a)
PCB 1242	µg/L	0.25	0.5	Final POWS (EPA, 1994a)
PCB 1248	µg/L	0.25	0.5	Final POWS (EPA, 1994a)
PCB 1254	µg/L	025	0.5	Final POWS (EPA 1994a)
PCB 1260	µg/L	025	0.5	Final POWS (EPA 1994a)
PCB 1262	µg/L	0.25	0.5	Final PDWS (EPA 1994a)
1,2,3,7,8-PCDD	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-PCDF	µg/L	0.00275	0.0055	EPA Method 8280
Pentachlorobenzene	µg/L	50	100	EPA Method 8270
Pentachlomdibemo-p-die=	µg/L	0.00275	0.0055	EPA Method 8280
Pentachlorodibenzo-p-furans	µg/L	0.00275	0.0055	EPA Method 8280
Pentachloroethane	µg/L	50	100	EPA Method 8270
Pentachloronitrobenzene	µg/L	50	100	EPA Method 8270
Pentachlorophenol	µg/L	0.5	1.0	Final POWS (EPA, 1994a)
pH	pH	8.0	10	Set by EPD/EMS
pH	pH	4.0	3.0	Set by EPD/EMS
Phenacetin	µg/L	50	100	EPA Method 8270
Phenanthrene	µg/L	50	100	EPA Method 8270
Phenol	µg/L	50	100	EPA Method 8270
Phenols	µg/L	25	50	EPA Method 420.1
p-Phenylenediamine	µg/L	50	100	EPA Method 8270
Phorate	µg/L	0.5	1.0	EPA Method 8080
Picloram	µg/L	250	500	Final PDWS (EPA, 1994a)
2-Picoline	µg/L	50	100	EPA Method 8270
Plutonium-238	µCi/mL	3.51 E-09	7.02E-09	Proposed POWS (EPA, 1991c)
Plutonium-239	µCi/mL	3.11 E-08	6.21 E-08	Proposed PDWS (EPA, 1991c)
Plutonium-239/240	µCi/mL	3.11E-08	6.21 E-08	Proposed POWS (EPA, 1991c)
Plutonium-240	µCi/mL	3.11 E-08	6.22E-08	Proposed POWS (EPA, 1991c)
Plutonium-241	µCi/mL	3.13E-08	6.26E-08	Proposed POWS (EPA, 1991c)
Plutonium-242	µCi/mL	3.27E-08	6.54E-08	Proposed POWS (EPA, 1991c)
Potassium		No flag	No flag	Set by EPD/EMS
Potassium, dissolved		No flag	No flag	Set by EPD/EMS
Potassium, total recoverable		No flag	No flag	Set by EPD/EMS
Potassium-40	µCi/mL	1.5E-07	3.0E-07	Proposed POWS (EPA, 1986a)
Promethium-144	µCi/mL	5.0E-08	1.0E-07	EPA Method 901.1
Promethium-146	µCi/mL	5.0E-08	1.0E-07	EPA Method 901.1
Promethium-147	µCi/mL	2.62E-06	5.24E-06	Proposed POWS (EPA, 1991c)
Pronamid	µg/L	50	100	EPA Method 8270
Propionitrile	µg/L	1,000	2,000	EPA Method 8240
Pyrene	µg/L	50	100	EPA Method 8270
Pyridine	µg/L	50	100	EPA Method 8270
Radium, total alpha-emitting	µCi/mL	1.OE-08	2.0E-08	Proposed POWS (EPA, 1991c)
Radium-226	µCi/mL	1.0E-08	2.0E-08	Proposed POWS (EPA, 1991c)
Radium-228	µCi/mL	1.0E-08	2.0E-08	Proposed POWS (EPA, 1991c)
Radon-222	µCi/mL	1.5E-07	3.0E-07	Proposed POWS (EPA, 1991c)
Ruthenium-103	µCi/mL	1.0E-07	2.0E-07	Interim Final POWS (EPA, 1977)
Ruthenium-106	µCi/mL	1.5E-08	3.0E-08	Interim Final POWS (EPA, 1977)
Safrole	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final POWS (EPA, 1994a)
selenium, dissolved	µg/L	25	50	Final POWS (EPA, 1994a)
Selenium, total recoverable	µg/L	25	50	Final POWS (EPA, 1994s)
Silica		No flag	No flag	Set by EPD/EMS
Silica, dissolved		No flag	No flag	Set by EPD/EMS
Silica, total recoverable		No flag	No flag	Set by EPD/EMS
Silver	µg/L	50	100	SOWS (EPA, 1994b)
Silver, dissolved	µg/L	50	100	SOWS (EPA, 1994b)

Analyte	Unit	Flag 1	Flag 2	Source†
Silver, total recoverable	µg/L	50	100	SDWS (EPA, 1994b)
Simazine	µg/L	2.0	4.0	Final POWS (EPA, 1994a)
Sodium		No flag	No flag	Set by EPD/EMS
Sodium, dissolved		No flag	No flag	Set by EPD/EMS
Sodium, total recoverable		No flag	No flag	Set by EPD/EMS
sodium-22	µCi/mL	2.33E-07	4.66E-07	Proposed PDWS (EPA, 1991c)
Specific conductance	µS/cm	250	500	Set by EPD/EMS
strontium-69	µCi/mL	1.0E-08	2.0E-08	Interim Final PDWS (EPA, 1977)
Strontium-89/90	µCi/mL	4.0E-09	8.0E-09	Final PDWS (EPA, 1994a)
Strontium-90	µCi/mL	4.0E-09	8.0E-09	Final PDWS (EPA, 1994a)
Styrene	µg/L	50	100	Final PDWS (EPA, 1994a)
Sulfate	µg/L	200,000	400,000	Proposed PDWS (EPA, 1990)
sulfide	µg/L	5,000	10,000	EPA Method 9030
Sulfotepp	µg/L	50	100	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,3,7,8-TCDD	µg/L	0.000015	0.00003	Final POWS (EPA, 1994a)
2,3,7,8-TCDF	µg/L	0.002	0.004	EPA Method 8280
Technetium-99	µCi/mL	4.5E-07	9.0E-07	Interim Final POWS (EPA, 1977)
1,2,4,5-Tetrachlorobenzene	µg/L	50	100	EPA Method 8270
Tetrachlorodibenzo-p-dioxins	µg/L	0.00225	0.0045	EPA Method 8280
Tetrachlorodibenzo-p-furans	µg/L	0.002	0.004	EPA Method 8280
1,1,1,2-Tetrachloroethane	µg/L	5.0	10	EPA Method 8240
1,1,2,2-Tetrachloroethane	µg/L	5.0	10	EPA Method 8240
Tetrachloroethylene	µg/L	2.5	5.0	Final PDWS (EPA, 1994a)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	EPA Method 6270
Thallium	µg/L	1.0	2.0	Final POWS (EPA, 1994a)
Thallium, dissolved	µg/L	1.0	2.0	Final POWS (EPA, 1994a)
Thallium, total recoverable	µg/L	1.0	2.0	Final POWS (EPA, 1994s)
Thionazin	µg/L	50	100	EPA Method 6270
Thorium-228	µCi/mL	6.25E-08	1.25E-07	Proposed POWS (EPA, 1991 c)
Thorium-230	µCi/mL	3.96E-08	7.92E-08	Proposed POWS (EPA, 1991c)
Thorium-232	µCi/mL	4.4E-08	8.8E-08	Proposed PDWS (EPA, 1991c)
Thorium-234	µCi/mL	2.0E-07	4.01 E-07	Proposed POWS (EPA, 1991c) . .
Tin	µg/L	10	20	EPA Method 2622
Tin, dissolved	µg/L	10	20	EPA Method 2822
Tin, total recoverable	µg/L	10	20	EPA Method 2822
Tin-113	µCi/mL	1.5E-07	3.0E-07	Interim Final POWS (EPA, 1977)
Toluene	µg/L	500	1,000	Final POWS (EPA, 1 994a)
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total coliform	µg/L	0	0	Final POWS (EPA, 1994a)
Total dissolved solids		No flag	No flag	Set by EPD/EMS
Total hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total inorganic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic halogens	µg/L	25	50	EPA Method 9020
Total organic nitrogen	µg/L	500	1,000	APHA Method 420
Total petroleum hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total phosphates (as P)		No flag	No flag	Set by EPD/EMS
Total phosphorus		No flag	No flag	Set by EPD/EMS
Toxaphene	µg/L	1.5	3.0	Final POWS (EPA, 1994s)
2,4,5-TP (Silvex)	µg/L	25	50	Final PDWS (EPA, 1994a)
Tributyl phosphate	µg/L	50	100	EPA Method 6270
1,2,4-Trichlorobenzene	µg/L	35	70	Final POWS (EPA, 1994s)
1,1,1-Trichloroethane	µg/L	100	200	Final PDWS (EPA, 1994a)
1,1,2-Trichloroethane	µg/L	2.5	5.0	Final PDWS (EPA, 1994a)
Trichloroethylene	µg/L	2.5	5.0	Final POWS (EPA, 1994a)
Trichlorofluoromethane	µg/L	5.0	10	EPA Method 8240
2,4,5-Trichlorophenol	µg/L	50	100	EPA Method 6270
2,4,6-Trichlorophenol	µg/L	50	100	EPA Method 6270
2,4,5-Trichlorophenoxyacetic acid	µg/L	25	5.0	EPA Method 8150
1,2,3-Trichloropropane	µg/L	5.0	10	EPA Method 6240

Analyte	Unit	Flag 1	Flag 2	Source†
O,O,O-Triethyl phosphorothioate	µg/L	50	100	EPA Method 8270
1,3,5-Trinitrobenzene	µg/L	50	100	EPA Method 8270
Tritium	µCi/mL	1.0E-05	2.0E-05	Final PDWS (EPA, 1994a)
Turbidity✖		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium alpha activity	µCi/mL	1.5E-08	3.0E-08	Proposed PDWS (EPA, 1991c)
Uranium, dissolved	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium, total recoverable	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium-233/234○	µCi/mL	6.9E-09	1.38E-08	Proposed PDWS (EPA, 1991 c)
Uranium-234	µCi/mL	6.95E-09	1.39E-08	Proposed PDWS (EPA, 1991c)
uranium-235	µCi/mL	7.25E-09	1.45E-08	Proposed PDWS (EPA, 1991 c)
uranium-238	µCi/mL	7.3E-09	1.46E-08	Proposed PDWS (EPA, 1991 c)
Vanadium	µg/L	40	80	EPA Method 6010
Vanadium, dissolved	µg/L	40	80	EPA Method 6010
Vanadium, total recoverable	µg/L	40	80	EPA Method 6010
Vinyl acetate	µg/L	5.0	10	EPA Method 8240
Xylenes	µg/L	5,000	10,000	Final PDWS (EPA, 1994a)
Yttrium-88	µCi/mL	5.0E-08	1.OE-07	EPA Method 901.1
Zinc	µg/L	2,500	5,000	SDWS (EPA, 1994b)
Zinc, dissolved	µg/L	2,500	5,000	SDWS (EPA, 1994b)
Zinc, total recoverable	µg/L	2,500	5.000	SDWS (EPA, 1994b)
Zinc-65	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Zirconium-95	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)
Zirconium/Niobium-95◙	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)

† Analytical methods are discussed in the Analytical Data Review section of this document; references for dated sources are in the References section.

◙ EMS discontinued monitoring this radionuclide because it is inappropriate for the SRS Groundwater Monitoring Program.

✣ EPD/EMS set this flagging criterion using the 1991 proposed PDWS because the final PDWS in 1977 may have been in error.

○ When radionuclide analyses are combined, the lowest DWS of the two isotopes is usedfor flagging.

✖ The primary maximum contaminant level range for turbidity is 1-5 NTU, which is inappropriate for the SRS Groundwater Monitoring Program.

Note: Beginning fourth quarter 1992, samples were no longer filtered at the wells. Therefore, the methods for analyzing metals now include a digestion step. Beginning fourth quarter 1993, the laboratories were required to report all metals as total recoverable metals. Flagging criteria remain unchanged.

WELL HSS ID

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/94
Depth to water: 41.03 ft (12.51 m) below TOC
Water elevation: 269.07 ft (82.01 m) msl
Sp. conductance: 31 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling: 25 gal
The well went dry dunng purging.

Time: 13:42
pH: S.6
Alkalinity: 1 mg/L
Water temperature: 17.8°C
Air temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	J/Q	pH	WA
0	Specific conductance	24		µS/cm	WA
0	Chloride	2.2s0		µg/L	WA
0	Nitrate as nitrogen	955		µg/L	WA
0	Nitrite as nitrogen	<10	J/Q	µg/L	WA
0	Sodium, total recoverable	1,630		µg/L	WA
0	Total dissolved solids	23,000		µg/L	WA

WELL HSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/94
Depth to water: 36.37 ft (11.09 m) below TOC
Water elevation: 268.03 (81 .70 m) msl
Sp. conductance: 26 µS/cm
Turbidity: 0 NTU
Water evacuated before sampling: 72 gal

Time: 9:33
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 18.3°C
Air temperature: 13.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.4	J/Q	pH	WA
0	Specific conductance	23		µS/cm	WA
0	Chloride	2,170		µg/L	WA
0	Nitrate as nitrogen	841		µg/L	WA
0	Nitrite as nitrogen	<10	J/Q	µg/L	WA
0	Sodium, total recoverable	1,850		µg/L	WA
0	Total dissolved solids	43,000		µg/L	WA

WELL HSS 3D

MEASUREMENTS CONDUCTED W THE FIELD

Sample date: 05/04/94
Depth to-WC 26.46 ft (8.07 m) below TOC
Water elevation: 283.31 ft (86.35 m) met
Sp. conductance 31 µS/cm
Turbidity: 46 NTU
Water evacuated before sampling: 14 gal
The well went dry dunng purging

Time: 13:56
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.5°C
Air temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.6	J/Q	pH	WA
0	Specific conductance	26		µS/cm	WA
0	Specific Conductance	26		µS/cm	WA
0	Chloride	3,440		µg/L	WA
0	Nitrate as nitrogen	823		µg/L	WA
0	Nitrite as nitrogen	<10	J/Q	µg/L	WA
0	Sodium, total recoverable	2.220		µg/L	WA
0	Total dissolved solids	19.000		µg/L	WA

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/94
Depth to water: 9.00 ft (2.74 m) below TOC
Water elevation: 273.00 ft (63.21 m) msl
Sp. conductance: 232 µS/cm
Turbidity: 166 NTU
No water was evacuated before sampling.

Time: 1020
pH: 6.6

Water temperature: 25.9°C
Air temperature: 25.0°C

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 0s/31/s4
Depth to water: 8.00 ft (2.44 m) below TOC
Water elevation: 273.60 R (63.46 m) msl
Sp. conductance: 166 #S/cm
Turbidity: 222 NTU
No water was evacuated before sampling.

Time: 10:40
pH: 6.8

Water temperature: 26.4°C
Air temperature: 25.0°C

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/94
Depth to water: 5.S0 ft (1.66 m) below TOC
Water elevation: 275.20 ft (83.88 m) msl
Sp. conductance: 223 µS/cm
Turbidity: 45 NTU
No water was evacuated before sampling

The: 10:45
pH: 7.2

Water temperature: 27 1• C
Air temperature: 26.0°C

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample m. 05/31/94
Depth to water: 9.00 ft (2.74 m) below TOC
Water elevation: 273.90 ft (83.49 m) msl
Sp. conductance: 129 µS/cm
Turbidity: 591 NTU
No water was evacuated before sampling

Time: 10:30
pH: 6.3

Water temperature: 24.8°C
Air temperature: 25.0°C

WELL HTF 5 -

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 30.00 ft (914 m) below TOC
Water elevation: 275.60 f(84.06 m) msl
Sp. conductance: 50 µS/cm
Turbidity: 22 NTU
No water was evacuated before sampling

Time: 10:00
pH: 5.7

Water temperature: 24.0°C
An temperature: 28.0°C

LABORATORY ANALYSES

F	Analyte	Res	Mod	Unit	Lab
0	Actinium-228	1.0E-08 ± 6.7E-09	J	µCi/mL	GP
0	Antimony-	- 1.4E-09 ± 2.2E-09	UI	µCi/mL	GP
0	Antimony-125	- 2.7E-09 ± 4.3S.06	UI	µCi/mL	GP
0	Barium-133	- 3.4E-10* 2.4E-09	UI	µCi/mL	GP
0	Cerium-144	- 6.6E-09 ± 1.2E-08	UI	µCi/mL	GP
0	Cesium-134	. 7.6E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Cesium-137	6.0E-09 ± 3.2E-09	J	µCi/mL	GP
0	Cobalt-57	1.2E-09 ± 1.6E-09	UI	µCi/mL	GP
0	Cobalt-58	- 4.8E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	. 7.4E-10* 1.6s-06	UI	µCi/mL	GP
0	Europium-162	3.1E-09 ± 4.6E-09	UI	µCi/mL	GP
0	Europium-154	1.7E-09 ± 3.3E-09	UI	µCi/mL	GP
0	Europium-155	3.7E-09 ± 8.4E-09	UI	µCi/mL	GP
0	Gross alpha	1.8E-08 ± 9.3E-10	J	µCi/mL	GP
0	Lead-212	5.5E-09 ± 4.6E-09	J	µCi/mL	GP
0	Manganese-54	- 8.1E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	3.2E-09 ± 6.4E-09	UI	µCi/mL	GP
2	Nonvolatile beta	1.3E-07 ± 4.7E-09		µCi/mL	GP
0	Potassium-40	2.5E-08 ± 2.1E-08	J	µCi/mL	GP
0	Promethium- 44	. 7.SE-10* 1.7E-09	UI	µCi/mL	GP
0	Promethium-146	. 1.9E-10 ± 2.3E-09	UI	µCi/mL	GP
0	Ruthenium-106	1.2E-08 ± 1.7E-08	UI	µCi/mL	GP
0	Sodium-22	1.1E-09 ± 1.8E-09	UI	µCi/mL	GP
0	Strontium-89	. 1.2E-09 ± 2OE.10	UI	µCi/mL	GP
0	Strontium-90	1.2E.06*26E.10	J	µCi/mL	GP
0	Thorium-234	1.3E-07 ± 8.9E-08	J	µCi/mL	GP
0	Tin-113	1.1E-09 ± 2.3E-09	UI	µCi/mL	GP
0	Yttrium-88	-2.62-12: 1.8E-09	UI	µCi/mL	GP
0	Zinc-65	1.0E-09 ± 3.8E-09	UI	µCi/mL	GP
0	Zirconium-95	. 7.6E.1O*3.1E46	UI	µCi/mL	GP

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/94
Depth to water: 30.00 ft (9.14 m) below TOC
Water elevation: 275.40ft(83.94 m) msl
Sp. conductance: 60 µS/cm
Turbidity: 1E3 NTU
No water was evacuated before sampling.

Time: 1050
pH: 5.1

Water temperature" 26 O"c
Air temperature: 28.0°C

USORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
o	Actinium-228	4.0E-06 ± 1.4E-06	J	µCi/mL	GP
0	Antimony-124	21 E-10* 2.3E-O6	UI	µCi/mL	GP
0	Antimony-125	3.8E-09 ± 6.9E-09	UI	µCi/mL	GP
0	Barium-133	1.7E-09 ± 3.3E-09	UI	µCi/mL	GP
0	Cerium-144	7.4E-09 ± 1.6E-08	UI	µCi/mL	GP
0	Cesium-134	8.0E-10 ± 2.2E-09	UI	µCi/mL	GP
1	Cesium-137	1.1E-07 ± 7.8E-09		µCi/mL	GP
0	Cobalt-57	- 2.4E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Cobalt-58	4.7E-10 ± 2.2E-09	UI	µCi/mL	GP
0	Cobalt-60	- 6.1E-10 ± 1.6E-09	UI	µCi/mL	GP
0	Europium-152	- 3.6E-09 ± 5.8E-09	UI	µCi/mL	GP
0	Europium-154	- 2.6E-09 ± 4.0E-09	UI	µCi/mL	GP
0	Europium-155	- 2.3E-09 ± 8.4E-09	UI	µCi/mL	GP
2	Gross alpha	3.3E-08 ± 3.3E-09		µCi/mL	GP
0	Lead-212	3.6E-08 ± 6.8E-09		µCi/mL	GP
0	Manganese-54	. 6.3E-10 ± 2.0E-09	UI	µCi/mL	GP
0	Neptunium-239	- 2.9E-09 ± 7.6E-09	UI	µCi/mL	GP
1	Nonvolatile beta	3.3E-08 ± 2.5E-09		µCi/mL	GP
0	Potassium-40	4.0E-08 ± 4.7E-09	UI	µCi/mL	GP
0	Promethium-144	- S.7E-10*2.OE*	UI	µCi/mL	GP
0	Promethium-146	3.4E-09 ± 4.5E-09	UI	µCi/mL	GP
0	Ruthenium-106	3.s246: 2.0E-08	UI	µCi/mL	GP
0	Sodium-22	. 4.6E-11 • 1.7E-09	UI	µCi/mL	GP
0	Strontium-89	• 5.2E-09 ± 4.7E-10	UI	µCi/mL	GP
1	Strontium-90	5.1E-09 ± 5.5E-10		µCi/mL	GP
0	Thorium-234	2.2E-08 ± 1.4E-07	In	µCi/mL	GP
0	Tin-113	1.0E-09 • 3.4E-09	UI	µCi/mL	GP
0	Yttrium-88	1.9E-09 ± 2.5E-09	UI	µCi/mL	GP
0	Zinc-65	2.6E-09 ± 4.2E-09	UI	µCi/mL	GP
0	Zirconium-95	3.7E-09 ± 3.0E-09	J	µCi/mL	GP

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/94
Depth to water: 29.50 ft (8.99 m) below TOC
Water elevation: 275.80 ft (84.06 m) msl
Sp. conductance: 111 µS/cm
Turbidity: 76 NTU
No water was evacuated before sampling.

Time: 11:10
pH: 5.1

Water temperature: 24.5°C
Air temperature: 27.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Actinium-228	1.0E-09 ± 1.32.06	UI	µCi/mL	GP
0	Antimony-124	6.oEo1o.2.1E.o6	UI	µCi/mL	GP
0	Antimony-125	1.1E-09 ± 4.4E-09	UI	µCi/mL	GP
0	Barium-133	1.2E-09 • 2.3E-09	UI	µCi/mL	GP
0	Cerium-144	9.0E-09 ± 1.2E-08	UI	µCi/mL	GP
0	Cesium-134	- 2.7E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Cesium-137	1.9E-09 ± 2.3E-09	UI	µCi/mL	GP
0	Cobalt-57	. 1.6E-11 • 1.6E-09	UI	µCi/mL	GP
0	Cobalt-58	4.OE.1O* 1.6S06	UI	µCi/mL	GP
0	Cobalt-60	. 2.sE-10* 1.7E-09	UI	µCi/mL	GP
0	Europium-152	7.7E.1O*4.6E-O6	UI	µCi/mL	GP
0	Europium-154	1.9E-10*3.2E-O6	UI	µCi/mL	GP
0	Europium-155	. 2.4E-09 ± 6.7E-09	UI	µCi/mL	GP
0	Gross alpha	3.6E-09 ± 1.1E-09		µCi/mL	GP
0	Lead-212	5.5E-09 ± 5.5E-09	UI	µCi/mL	GP
0	Manganese-54	- 1.3E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Neptunium-239	1.1E-10 ± 6.0E-09	UI	µCi/mL	GP
0	Nonvolatile beta	5.9E-09 ± 1.2E-09		µCi/mL	GP
0	Potassium-40	1.0E-08 • 2.8E-08	UI	µCi/mL	GP
0	Promethium-144	4.6E.1O* 1.6E-09	UI	µCi/mL	GP
0	Promethium-146	- 1.6E-09 ± 2.4E-09	UI	µCi/mL	GP
0	Ruthenium-106	2.4E-09 ± 1.5E-08	UI	µCi/mL	GP
0	Sodium-22	. 1.6E-09 ± 2.4E-09	UI	µCi/mL	GP
0	Strontium-89	. 1.2E-09 ± 1.SE.1O	UI	µCi/mL	GP
0	Strontium-90	- 8.6E.1O*3.2E.1O	UI	µCi/mL	GP
0	Thorium-234	3.5E-08 • 1.2E-07	UI	µCi/mL	GP
0	Tin-113	7.6E-10 ± 2.4E-09	UI	µCi/mL	GP
0	Yttrium-88	- 1.1 E.1O*22E-O6	UI	µCi/mL	GP
0	Zinc-65	- 8.2E-10 ± 3.7E-09	UI	µCi/mL	GP
0	Zirconium-95	. 1.6E-09 ± 3.62-06	UI	µCi/mL	GP

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/94
Depth to water: 32.50 ft (9.91 m) below TOC
Water elevation: 273.20 ft (83.27 m) msl
Sp. conductance: 66 µS/cm
Turbidity: ?3 NTU
No water was evacuated before sampling.

Time: 11:45
pH: 4.4

Water temperature: 25.6°
Air temperature: 27.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Actinium-228	4.5E-09 • 1.1 E-06	UI	µCi/mL	GP
0	Antimony-124	S.1E-10*2.1E-O2	UI	µCi/mL	GP
0	Antimony-125	-3. 1E-09 ± 5.5E-09	UI	µCi/mL	GP
0	Barium-133	2.8E-10 ± 2.8E-09	UI	µCi/mL	GP
0	Cerium-144	6.3E-09 ± 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	- 1.4E-09 ± 1.9E-09	UI	µCi/mL	GP
0	Cesium-137	3.5E-08 ± 4.4E-09		µCi/mL	GP
0	Cobalt-57	- 1.7E-10: 1.7E-09	UI	µCi/mL	GP
0	Cobalt-58	- 7.2E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	- 6.SE-10* 2.3E-09	UI	µCi/mL	GP
0	Europium-152	8.1E-10 ± 6.3E-09	UI	µCi/mL	GP
0	Europium-154	- 2.8E-10 ± 3.4E-09	UI	µCi/mL	GP
0	Europium-155	- 8.0E-09 ± 7.0E-09	UI	µCi/mL	GP
0	Gross alpha	2.0E-09 ± 8.1E-10	J	µCi/mL	GP
0	Lead-212	3.7E-09 ± 5.8E-09	UI	µCi/mL	GP
0	Manganese-54	1.9E-09 • 2.3E-09	UI	µCi/mL	GP
0	Neptunium-239	. 2.0E-09 ± 6.3E-09	UI	µCi/mL	GP
0	Nonvolatile beta	5.8E-09 ± 1.2E-09		µCi/mL	GP
0	Potassium-40	2.9E-09 ± 3.5E-08	UI	µCi/mL	GP
0	Promethium-144	. 1.3E-09 ± 1.7E-09	UI	µCi/mL	GP
0	Promethium-146	- 1.2E-09 ± 2.6E-09	UI	µCi/mL	GP
0	Ruthenium-106	2*46*2 .42-M	UI	µCi/mL	GP
0	Sodium-22	8.8E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Strontium-89	. 9.4&06* 8.6E.1O	UI	µCi/mL	GP
1	Strontium-90	6.6E-09 ± 1.2E-06		µCi/mL	GP
0	Thorium-234	8.1E-08 • 1.3E-07	UI	µCi/mL	GP
0	Tin-I 13	1.3E-09 ± 2.7E-09	UI	µCi/mL	GP
0	Yttrium-88	6.4E-10* 1.9E-09	UI	µCi/mL	GP
0	Zinc-65	- S.SE.1O* 3.3E-09	UI	µCi/mL	GP
0	Zirconium-95	4.0E-09 * 4.7E-09	UI	µCi/	GP

WEU HTF 9

Measurements CONDUCTED IN THE FIELD

Sample date: 03/24/64
Depth to water: 51.00 ft (1s.64 m) below TOC
Water elevation: 273.00 ft (83.21 m) msl
Sp. conductance: 79 µS/cm
Turbidity: 252 NTU
No water was evacuated before sampling.

Time: 10:20
pH: 6.0

Water temperature: 26.
Air temperature: 30.0°C

WEU HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample due: 05/24/94
Depth to water: 60.00 ft (15.24 m) below TOC "
Water elevation: 272.70 ft (83. 12 m) msl
Sp. conductance: 159 µS/cm
Turbidity: 121 NTU
No water was evacuated before sampling

The: 10:40
pH: 6.0

Water temperature: 24.0°C
Air temperature: 34.0°C

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/94
Depth to water: 60.00 ft (15.24 m) below TOC
Water elevation: 272.60 ft (83.15 m) msl
Sp. conductance: 76 µS/cm
Turbidity: 36 NTU
No water was evacuated before sampling.

Time: 11:00
pH: 6.6

Water temperature: 24.4°C
Air temperature: 35.0°C

WEU HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 0s/24/64
Depth to water: 50.00 ft (15,24 m) below TOC
Water elevation: 272.90 ft (83.18 'm) msl
Sp. conductance: : 94 µS/cm
Tumidity: 202 NTU
No water was evacuated before sampling.

Time: 10:00
pH: 6.0

Water temperature: 27.8°C
Air temperature: 30.0°C

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/94
Depth to water: 50.00 ft (15.24 m) below TOC
Water elevation: 272.50 ft (83.06 m) msl
Sp. conductance: 77 µS/cm
Turbidity: 50 NTU
No water was evacuated before sampling.

Time: 9:00
pH: 4.9

Water temperature: 26.0°C
Air temperature: 27.0°C

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/94
Depth to water: 52.00 ft (15.85 m) below TOC
Water elevation: 271.70 ft (82.82 m) msl
Sp. conductance: 66 µS/cm
Turbidity: 75 NTU
No water was evacuated before sampling.

Time: 9:20
pH: 4.9

Water temperature: 23.1°C
Air temperature: 27.0°C

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/94
Depth to water: 57.50 ft (17.53 m) below TOC
Water elevation: 267.30 ft (81.47 m) msl
Sp. conductance: 44 µS/cm
Turbidity: 501 NTU
No water was evacuated before sampling.

Time: 9:40
pH: 4.9

Water temperature: 25.4°C
Air temperature: 26.0°C

WELL HTF 22

MEASUREMENTS CONDUCTED N THE FIELD

Sample date: 06/06/94
Depth to water: 59.00 ft (17.98 m) below TOC
Water elevation: 274.50 ft (83.67 m) msl
Sp. conductance: 116 µS/cm
Turbidity: 40 NTU
No water was evacuated before sampling.

Time: 11:30
pH: 5.9

Water temperature: 27.8°C
Air temperature: 40.0°C

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 60.00 ft (5.26 m) below TOC
Water elevation: 274.00 ft (63.S2 m) msl
Sp. conductance: 107 µS/cm
Turbidity: 111 NTU
No water was evacuated before sampling

Time: 11:10
pH: 5.9

Water temperature 26 9
Air temperature: 40.0°C

WEU HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 60.00 ft (18.29 m) below TOC
Water elevation: 273.60 ft (83.49 m) msl
Sp. conductance: 36 µS/cm
Turbidity: S2 NTU
No water was evacuated before sampling.

Time: 10:50
pH: 5.3

Water temperature: 26.8°C
Air temperature: 36.0°C

WEU HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 50.50 ft (15.39 m) below TOC
Water elevation: 283.80 ft (86.50 m) msl
Sp. conductance: 47 #wan
Turbidity: 77 NTU
No water was evacuated before sampling.

Time: 10:30
pH: 5.6

Water temperature: 26.4°C
Air temperature: 34.0°C

WEU HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 52.00 ft (15.85 m) below TOC
Water elevation: 263.S0 ft (86.4 1 m) msl
Sp. conductance: 48 µS/cm
Turbidity: 169 NTU
No water was evacuated before sampling.

Time: 1010
pH: 5.5

Water temperature: 26.9°C
Air temperature: 32.0°C

WEU HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: s6.00 ft (17.07 m) below TDC
Water elevation: 277.10 ft (84 46 m) msl
Sp. Conductance. 103 µS/cm
Turbidity: 263 NTu
No water was evacuated before sampling

Time: 9:50
pH: 4.5

Water temperature: 26.5°C
Air temperature: 32.0°C

WEU HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 6S.00 ft (17.98 m) below TOC
Water elevation: 274.70 ft (83.73
Sp. conductance: 48 µS/cm m) msl
Turbidity: 102 NTU
No water was evacuated before sampling.

Time: 12:10
pH: 5.1

Water temperature: 23.7°C
Air temperature: 34.0°C

WEU HTF 29 "

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: s6.00 ft (17.66 m) below TOC
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 55 µS/cm
Turbidity: 49 NTU
No water was evacuated before sampling

Time: 1150
pH: 5.5

Water temperature: 24.0°C
Air temperature: 36.0°C

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: S2S0 ft (16.00 m) below TOC
Water elevation: 275.20 ft (83.88 m) msl
Sp. conductance: 48 µS/cm
Turbidity: 16 NTU
No water was evacuated before sampling

Time: 12:30
pH: 5.9

Water temperature: 27.6°C
Air temperature: 34.0°C

WEU HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 6S.00 ft (16.76 m) below TOC
Water elevation: 274.10 ft (63.SS m) msl
Sp. conductance: 42 µS/cm
Turbidity: 50 NTU
No water was evacuated before sampling.

Time: 9:30
pH: 6.8

Water temperature: 26.4°C
Air temperature: 27.0°C

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/94
Depth to water: 30.00 ft (9.14 m) below TOC
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 80 µS/cm
Turbidity: 22 NTU
No water was evacuated before sampling.

Time: 9:20
pH: 4.9

Water temperature 26
Air temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Actinium-228	5.1E-09 ± 1.5E-08	UI	µCi/mL	GP
0	Antimony-124	2.0E-09 ± 1.9E-09	J	µCi/mL	GP
0	Antimony-125	2.8E-09 ± 5.0E-09	UI	µCi/mL	GP
0	Barium-133	- S.3E.1O* 2.6E-09	UI	µCi/mL	GP
0	Cerium-144	7.6E-10* 1.2E-08	in	µCi/mL	GP
0	Cesium-134	- 2.6E-10 ± 2.0E-09	UI	µCi/mL	GP
0	Cesium-137	- 1.1E-09 ± 1.7E-09	UI	µCi/mL	GP
J	Cobalt-57	1.1 E-10 ± 1.6F-09	UI	µCi/mL	GP
0	Cobalt-58	8.5E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Cobalt-60	- 1.3E.1O* 1.8E-09	UI	µCi/mL	GP
0	Europium-152	1.5E-09 ± 4.8E-09	UI	µCi/mL	GP
0	Europium-154	1.5E-09 ± 3.3E-09	UI	µCi/mL	GP
0	Europium-155	2. 1E-09 ± 7.02.06	UI	µCi/mL	GP
o	Gross alpha	1.7E-o6*7.6E.1o	J	µCi/mL	GP
0	Lead-212	3.6E-09 ± 5.6E-09	UI	µCi/mL	GP
0	Manganese-54	- 2.8E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	1.9E-09 ± 7.8E-09	UI	µCi/mL	GP
0	Nonvolatile beta	3.2E-09 ± 1.0E-09	J	µCi/mL	GP
o	Potassium-40	3. 1E-06 • 2.2E-08	J	µCi/mL	GP
0	Promethium-144	- 6.1E-12 ± 1.6E-09	UI	µCi/mL	GP
0	Promethium- 46	3.8E-10 ± 2.4E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 1.3E-08 ± 1.8E-08	UI	µCi/mL	GP
0	Sodium-22	3.2E-10* 1.9E-09	UI	µCi/mL	GP
0	Strontium-89	. 3.3E-09 ± 3.7E*1O	UI	µCi/mL	GP
0	Strontium-90	3.1E-09 ± 4.6E-10	J	µCi/mL	GP

WELL HTF 34 collected on 06/08/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Thorium-234	1.3E-07 ± 8.9E-08	J	µCi/mL	GP
0	Tin-113	-24 E.1O* 2.4E-09	UI	µCi/mL	G P
0	Yttrium-88	ME-10 *26 E-	UI	µCi/mL	GP
0	Zinc-65	2.7E-09 ± 3.2E-09	UI	µCi/mL	GP
0	Zirconium-95	- 24E-10* 3.3E-09	UI	µCi/mL	GP

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/94
Depth to water: 60.50 ft (18.44 m) below TOC
Water elevation: 202.80 ft (61.81 m) msl
Sp. conductance: 32 µS/cm
Turbidity: 239 NTU
Water evacuated before sampling: 3 gal

Time: 13:12
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 22.2°C
Air temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Total organic halogens	<5.0		µg/L	GE
0	Antimony-125	2.3E-08	/U	µCi/mL	EM
0	Cerium-141	1.4E-08	/U	µCi/mL	EM
0	Cerium-144	4.8E-08	/U	µCi/mL	EM
0	Cesium-134	1.0E-08	/U	µCi/mL	EM
0	Cesium-137	9.0E-09	/U	µCi/mL	EM
0	Cobalt-58	1.1E-08	/U	µCi/mL	EM
0	Cobalt-60	1.1E-08	/U	µCi/mL	EM
0	Gross alpha	1.2E.1O*4.SE-10	UI/J	µCi/mL	EM
0	Manganese-54	1.2E-08	/U	µCi/mL	EM
0	Nonvolatile beta	6.5E-10 ± 1.0E-09	UI/J	µCi/mL	EM
0	Nonvolatile beta	2.0E-09 ± 9.2E-10	J	µCi/mL	GP
0	Potassium-40	1.5E-07	/U	µCi/mL	EM
2	Ruthenium-106	1.0E-07	/U	µCi/mL	EM
2	Tritium	2.9E-05 ± 8.3E-07		µCi/mL	EM
2	Tritium	2.9E-05 ± 8.3E-07		µCi/mL	EM
2	Tritium	2.9E-05 ± 8.3E-07		µCi/mL	EM
2	Tritium	2.8E-05 ± 8.8E-07		µCi/mL	GP
0	Yttrium-88	1.7E-08	/U	µCi/mL	EM
0	Zinc-65	2.3E-08	/U	µCi/mL	EM

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/94
Depth to water: 60.13 ft (18.33 m) below TOC
Water elevation: 203.17 ft (61.93 m) msl
Sp. conductance: 35 µS/cm
Turbidity: 150 NTU
Water evacuated before sampling: 3 gal

Time: 14:18
pH: 5.7
Alkalinity: 8 mg/L
Water temperature: 23.3°C
Air temperature: 33.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Tritium	2.7E-05 ± 1.3E-06		µCi/mL	EM

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/94
Depth to water: 60.45 ft (18.43 m) below TOC
Water elevation: 202.85 ft (61.83 m) msl
Sp. conductance: 33 µS/cm
Turbidity: 128 NTU
Water evacuated before sampling: 2 gal

Time: 13:24
pH: 5.5
Alkalinity: 9 mg/L
Water temperature: 23.9°C
Air temperature: 31.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Gross alpha	1.0E-09 ± 8.4E-10	/ J	µCi/mL	EM
0	Nonvolatile beta	1.4E.1o* 1.0E-09	WJ	µCi/mL	EM
2	Tritium	2.8E-05 ± 1.3E-06		µCi/mL	E M

WELL KAc 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/94
Depth m water: 45.79 ft (13.96 m) below TOC
Water elevation: 220.21 ft (67.12 m) msl
So. conductance: 126 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling: 22 gal

Time: 10:24
pH: 6.3
Alkalinity: 27 mg/L
Water temperature: 20.0°C
Air temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
o	pH	6.5	J/Q		WA
0	Specific conductance	111		µS/	WA
0	Specific conductance	111		µS/cm	WA
0	Turbidity	0.53		NTU	WA
0	Aluminum, total recoverable	<20		µg/L	WA
0	Aluminum, total recoverable	25		µg/L	WA
0	Arsenic, total recoverable	<2.0		µg/L	WA
0	Arsenic, total recoverable	<2.0		µg/L	WA
0	Barium, total recoverable	<4.0		µg/L	WA
0	Barium, total recoverable	<4.0		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Calcium, total recoverable	43		µg/L	WA
0	Calcium, total recoverable	46		µg/L	WA
0	Chloride	5,360		µg/L	WA
0	Chromium, total recoverable	<4.0		µg/L	WA
0	Chromium, total mcoutr-	4.5		µg/L	WA
0	2.4-Dichlorophenoxyacetic acid	<1.1		µg	WA
0	Endrin	<0.11		µg	WA
0	Endrin	<0.22		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	Fluoride	<1oo		µg/L	WA
0	Iron, total recoverable	34	J/X/P	µg/L	WA
0	ken, total recoverable	47	J/X/P	µg/L	WA
0	Lead, total recoverable	<3.0		µg/L	WA
0	Lead, total recoverable	<3.0		µg/L	WA
0	Lindane	< 0.0s5		µg/L	WA
0	Lindane	<0.11		µg/L	WA
0	Magnesium, total recoverable	47		µg/L	WA
0	Magnesium, total recoverable	52		µg/L	WA
0	Manganese, total recoverable	<2.0		µg/L	WA
0	Manganese, total recoverable	<2.0		µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Methoxychlor	<0.55		µg/L	WA
0	Methoxychlor	<1.1		µg/L	WA
0	Methoxychlor	<1.1		µg/L	WA
0	Nitrate as nitrogen	201		µg/L	WA
0	Phenols	<5.0		µg/L	W
0	Phenols	<5.0		µg/L	
0	Potassium, total recoverable	<s00		µg/L	
0	Potassium, total recoverable	<500		µg/L	
0	Selenium, total recoverable	< 2 0		µg/L	WA
0	Selenium, total recoverable	<2.0		µg/L	WA
0	Silica, total recoverable	3,620		µg/L	WA
0	Silica, total recoverable	4,000		µg/L	WA
0	Silver, total recoverable	<2.0		µg/L	WA
0	Silver, total recoverable	<3.0		µg/L	WA
0	Sodium, total recoverable	23,000		µg/L	WA
0	Sodium, total recoverable	23,300		µg/L	WA
0	Sulfate	19,100		µg/L	WA
0	Sulfate	17,300		µg/L	WA
0	Total dissolved solids	58,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	19		µg/L	WA
0	Total phosphates (as P)	<so		µg/L	WA
0	Toxaphene	<1.1		µg/L	WA
0	Toxaphene	<2.2		µg/L	WA
0	Toxaphene	<2.2		µg/L	WA
0	2,4,5-TP (Silvex)	<0.s5		µg/L	WA
0	Gross alpha	<4.9E-10		µCi/m	TM
0	Nonvolatile beta	<6.4E.1O		µCi/m	TM
0	Radium-226	<1.2E.1O		µCi/m	TM
0	Radium-228	2.6E-09 ± 2OE-10		µCi/m	TM
0	Tritium	8.7E-07 ± 2.9E-07		µCi/m	TM

WELL KAC 2

MEASUREMENTS CONDUCTED W THE FIELD

Sample date: 04/04/94
Depth to water: 34.44 ft (10.50 m) below TOC
Water elevation: 223.06 ft (67.99 m) msl
Sp. conductance: 326 µS/cm
Turbidity: 1 NTu
water evacuated before sampling: 63 gal

Time: 12:48
pH: 6.4
Alkalinity: 35 mg/L
Water temperature: 19.4°C
Air temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.6	J/Q	pH	WA
1	Specific conductance	311		µS/cm	WA
0	Turbidity	0.63		NTU	WA
0	Aluminum, total recoverable	<20		µg/L	WA
0	Arsenic, total recoverable	<2.0		µg/L	
0	Barium, total recoverable	<4.0		µg/L	
0	Cadmium, total recoverable	<2.0		µg/L	
0	Calcium, total recoverable	73		µg/L	
0	Chloride	5,900		µg/L	

WELL HSL 6D collected on 07/12/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Promethium-144	0.0E+00	UI	pCi/mL	GN
0	Promethium-145	0.0E+00	UI	pCi/mL	GN
0	Promethium-146	0.0E+00	UI	pCi/mL	GN
0	Radium, total alpha-emitting	9.4E-10± 3.8E-10		pCi/mL	GN
0	Radium, total alpha-emitting	7.0E-10± 4.0E-10	J/P	pCi/mL	GE
0	Ruthenium-106	0.0E+00	UI	pCi/mL	GN
0	Ruthenium-106	0.0E+00	UI	pCi/mL	GN
0	Sodium-22	0.0E+00	UI	pCi/mL	GN
0	Sodium-22	0.0E+00	UI	pCi/mL	GN
0	Strontium-90	3.6E-11 • 5.3E-10	U/V	pCi/mL	GN
1	Technetium-99	6.5E-07 ± 3.3E-06		pCi/mL	GN
0	Thorium-228	1.5E-10 ± 2.3E-10	U/V	pCi/mL	GN
0	Thorium-230	9.1E-10 ± 2.2E-10	/V	pCi/mL	GN
0	Thorium-232	5.7E-11 • 2.22-11	U/V	pCi/mL	GN
0	Thorium-234	0.0E+00	UI	pCi/mL	GN
0	Thorium-234	0.0E+00	UI	pCi/mL	GN
0	Tin-113	0.0E+00	UI	pCi/mL	GN
0	Tin-113	0.0E+00	UI	pCi/mL	GN
2	Tritium	8.3E-04 ± 4.2E-06		pCi/mL	GN
2	Tritium	1.3E-03 ± 2.5E-05		pCi/mL	GP
0	Uranium-233/234	1.0E-12± 1.OE-10	UI	pCi/mL	GN
0	Uranium-235	5.02-11 • 27E-11	UI	pCi/mL	GN
0	Uranium-238	1.4E-11 ± 5.7E-11	U/J/O	pCi/mL	GN
0	Yttrium-88	0.0E+00	UI	pCi/mL	GN
0	Yttrium-88	0.0E+00	UI	pCi/mL	GN
0	Zinc-65	0.0E+00	UI	pCi/mL	GN
0	Zinc-65	0.0E+00	UI	pCi/mL	GN
0	Zirconium-95	0.0E+00	UI	pCi/mL	GN
0	Zirconium-95	0.0E+00	UI	pCi/mL	GN

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/94
Depth to water: 42.88 ft (13.07 m) below TOC
Water elevation: 267.22 ft (81.45 m) msl
Sp. conductance: 27 µS/cm
Turbidity: 47 NTU
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 15:51
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.8°C
Air temperature: 34.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	J/QY/P	pH	WA
0	Specific conductance	25	/V	µS/cm	WA
2	Aluminum, total recoverable	463	/V	µg/L	WA
2	Aluminum, total recoverable	520	/V	µg/L	WA
0	Chloride	1,820	/V	µg/L	WA
2	Iron, total recoverable	799	/V	µg/L	WA
2	Iron, total recoverable	951	/V	µg/L	WA
0	Lead, total recoverable	7.1	J/XY/P	µg/L	WA
0	Lead, total recoverable	9.6	J/XY/P	µg/L	WA
0	Manganese, total recoverable	6.1	J/IY/P	µg/L	WA
0	Manganese, total recoverable	7.4	J/IY/P	µg/L	WA
0	Nitrate as nitrogen	1,000	/V	µg/L	WA
0	Nitrite as nitrogen	<10	J/QY/P	µg/L	WA
0	Sodium, total recoverable	1,140	J/Y/P	µg/L	WA
0	Sodium, total recoverable	1,470	J/Y/P	µg/L	WA
0	Total dissolved solids	55,000	/VY	µg/L	WA

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/94
Depth to water: 38.20 ft (11.64 m) below TOC
Water elevation: 266.20 ft (81.14 m) msl
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling: 83 gal

Time: 9:06
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 18.2°C
Air temperature: 25.6°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.5	J/QY/P	pH	WA
0	Specific conductance	24	/V	µS/cm	WA
1	Aluminum, total recoverable	38	/V	µg/L	WA
0	Chloride	2070	/V	µg/L	WA
0	Iron, total recoverable	6.1	/V	µg/L	WA
0	Lead, total recoverable	<3.0	/V	µg/L	WA
0	Manganese, total recoverable	3.3	/IY	µg/L	WA
0	Nitrate as nitrogen	1,020	/V	µg/L	WA
0	Nitrite as nitrogen	<10	J/QY/P	µg/L	WA
0	Sodium, total recoverable	1,850	/V	µg/L	WA
0	Total dissolved solids	67,000	/VY	µg/L	WA

WELL HSS 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/94
Depth to water: 28.39 ft (8.65 m) below TOC
Water elevation: 281.41 ft (85.77 m) msl
Sp. conductance: 30 µS/cm
Turbidity: 43 NTU
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time 15:41
pH 4.4
Alkalinity: 0 mg/L
Water temperature: 23.4°C
Air temperature: 33.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.4	J/QY/P	pH	WA
0	Specific conductance	22	/V	µS/cm	WA
0	Specific conductance	22	/V	µS/cm	WA
2	Aluminum, total recoverable	381	/V	µg/L	WA
0	Chloride	3,360	/V	µg/L	WA
0	Chloride	3,360	/V	µg/L	WA
2	Iron, total recoverable	949	/V	µg/L	WA
1	Lead, total recoverable	33	/V	µg/L	WA
0	Manganese, total recoverable	7.2	/IY	µg/L	WA
0	Nitrate as nitrogen	826	/V	µg/L	WA
0	Nitrite as nitrogen	<10	J/QY/P	µg/L	WA
0	Sodium, total recoverable	2,120	/V	µg/L	WA
0	Total dissolved solids	43,000	/VY	µg/L	WA

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/94
Depth to water: 9.00 ft (2.74 m) below TOC
Water elevation: 273.00 ft (83.21 m) msl
Sp. conductance: 150 µS/cm
Turbidity: 50 NTU
No water was evacuated before sampling.

Time: 8:00
pH: 6.5

Water temperature: 26.6°C
Air temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	<20	/V	µg/L	WA
2	Cadmium, total recoverable	7.8	/IY	µg/L	WA
0	Carbon tetrachloride	<1.0	/V	µg/L	WA
0	Chloroform	<1.0	/V	µg/L	WA
2	Iron, total recoverable	14,400	/VY	µg/L	WA
2	Lead, total recoverable	72	/V	µg/L	WA
2	Manganese, total recoverable	405	/IY	µg/L	WA
0	Mercury, total recoverable	<0.20	J/QY	µg/L	WA
0	Tetrachloroethylene	<1.0	/V	µg/L	WA
2	Total organic halogens	55	/V	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/V	µg/L	WA
0	Trichloroethylene	<1.0	/V	µg/L	WA
0	Actinium-228	7.2E-09 ± 5.9E-09	UI	pCi/mL	GP
0	Antimony-124	1.2E-09 ± 1.7E-09	UI	pCi/mL	GP
0	Antimony-125	5.3E-09 ± 4.5E-09	UI	pCi/mL	GP
0	Barium-133	2.1E-10 ± 2.1E-09	UI	pCi/mL	GP
0	Cerium-144	7.7242* 1.1E-08	UI	pCi/mL	GP
0	Cesium-134	22E-10* 1.5E-09	UI	pCi/mL	GP
0	Cesium-137	1.9E-09 ± 1.9E-09	UI	pCi/mL	GP
0	CobaR-57	4.7E-10 ± 1.4E-09	UI	pCi/mL	GP
0	CobaR-58	1.1 E-10* 1.5E-09	UI	pCi/mL	GP
0	CobaR-60	2.4E-10 ± 1.22-02	UI	pCi/mL	GP
0	Europium-152	5.5E-10 ± 4.0E-09	UI	pCi/mL	GP
0	Europium-154	S.1E-10*2.8E.O2	UI	pCi/mL	GP
0	Europium-155	5.0E-09 ± 5.8E-09	UI	pCi/mL	GP
0	Gross alpha	1.5E-09 ± 2OE-10	J//P	pCi/mL	GP
0	Lead-212	5.4E-09 ± 3.0E-09	UI	pCi/mL	GP
0	Manganese-54	1.3E-09 ± 1.4E-09	UI	pCi/mL	GP
0	Neptunium-239	6.5E-10 ± 5.2E-09	UI	pCi/mL	GP
0	Nonvolatile beta	4.3E-09 ± 1.1E-09		pCi/mL	GP
0	Potassium-40	1.2242* 5.4E-08	UI	pCi/mL	GP
0	Promethium-144	1.3E-09 ± 1.7E-09	UI	pCi/mL	GP
0	Promethium-146	1.4E-09 ± 1.9E-09	UI	pCi/mL	GP
0	Ruthenium-106	8.1E-09 ± 1.5E-08	UI	pCi/mL	GP
0	Sodium-22	4.EE-10* 1.4E-09	UI	pCi/mL	GP
0	Thorium-234	2.0E-08 ± 8.7E-08	UI	pCi/mL	GP
0	Tin-113	1.2E-10*2.2E*	UI	pCi/mL	GP
2	Tritium	2.4E-05 ± 8.2E-07		pCi/mL	GP
0	Yttrium-88	1.9E-09 ± 2.1E-09	UI	pCi/mL	GP
0	Zinc-65	2.3E-09 ± 2.6E-09	UI	pCi/mL	GP
0	Zirconium-95	3.0E-10 ± 2.9E-09	UI	pCi/mL	GP

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/94 — Time: 8:30
Depth to water: 8.00 ft (2.44 m) below TOC — pH: 6.8
Water elevation: 273.80 ft (83.46 m) msl
Sp. conductance: 108 µS/cm — Water temperature: 27.0°C
Turbidity: 147 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	<20	/Y	µg/L	WA
2	Cadmium, total recoverable	25	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	J/QY/P	µg/L	WA
0	Chloroform	<1.0	J/QY/P	µg/L	WA
0	Chromium, total recoverable	<4.0	/Y	µg/L	WA
2	Iron, total recoverable	29,800	/Y	µg/L	WA
1	Lead, total recoverable	40	/Y	µg/L	WA
2	Manganese, total recoverable	446	/Y	µg/L	WA
0	Mercury, total recoverable	<0.20	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	J/QY/P	µg/L	WA
1	Total organic halogens	26	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	J/QY/P	µg/L	WA
0	Trichloroethylene	<1.0	J/QY/P	µg/L	WA
0	Actinium-228	1.7246* 1.0E-08	UI	µCi/mL	GP
0	Antimony-124	6.7E-10* 1.7E-09	UI	µCi/mL	GP
0	Antimony-125	- 7.8E-10 ± 4.6E-09	UI	µCi/mL	GP
0	Barium-133	1.7E.1O*22E*	UI	µCi/mL	GP
0	Cerium-144	- 1.5E-09 ± 1.1E-08	in	µCi/mL	GP
0	Cesium-134	1. IE46*6.2E.1O	UI	µCi/mL	GP
0	Cesium-137	5.3E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	1.0E-09 ± 1.3E-09	UI	µCi/mL	GP
0	Cobalt-58	1.6E-09 ± 1.8E-09	UI	µCi/mL	GP
0	Cobalt-60	7.22.11 • 1.6E-09	in	µCi/mL	GP
0	Europium-152	3.6E-10*4.K*	in	µCi/mL	GP
0	Europium-154	- 1.0E-09 ± 2.8E-09	UI	µCi/mL	GP
0	Europium-155	4.8E-09 ± 6.2E-09	UI	µCi/mL	GP
0	Gross alpha	7.6E-10* 7.2E-10	in	µCi/mL	GP
0	Lead-212	1.6E-09 ± 6.0E-09	UI	µCi/mL	GP
0	Manganese-54	- 6.8E-10 ± 1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	3.2E-10 ± 5.5E-09	UI	µCi/mL	GP
0	Nonvolatile beta	3.7E-09 ± 1.3E-09		µCi/mL	GP
0	Potassium-40	9.0E-09 ± 2.9E-08	UI	µCi/mL	GP
0	Promethium-144	1.8E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Promethium-146	3.3E-13 ± 1.8E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 9.6E-09 ± 1.5E-08	UI	µCi/mL	GP
0	Sodium-22	26E-10* 1.42-06	UI	µCi/mL	GP
0	Thorium-234	1.5E-08 ± 9.6E-08	UI	µCi/mL	GP
0	Th-113	1.0E-09 ± 2.1E-09	UI	µCi/mL	GP
2	Tritium	2.2E-05 ± 8.1E-07		µCi/mL	GP
0	Yttrium-88	- O.7E.1O* 2.0E-09	UI	µCi/mL	GP
0	Zinc-65	2.7E-09 ± 3.4E-09	UI	µCi/mL	GP
0	Zirconium-95	1.8E-09 ± 3.0E-09	UI	µCi/mL	GP

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/94 — Time: 8:45
Depth to water: 5.00 ft (1.52 m) below TOC — pH: 8.5
Water elevation: 275.70 ft (84.03 m) msl
Sp. conductance: 165 µS/cm — Water temperature: 27.0°C
Turbidity: 68 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	23	/Y	µg/L	WA
2	Cadmium, total recoverable	36	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	J/QY/P	µg/L	WA
0	Chloroform	<1.0	J/QY/P	µg/L	WA
0	Chromium, total recoverable	<4.0	/Y	µg/L	WA
2	Iron, total recoverable	7.670	/Y	µg/L	WA
2	Lead, total recoverable	209	/Y	µg/L	WA
2	Manganese, total recoverable	101	/Y	µg/L	WA
0	Mercury, total recoverable	<0.20	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	J/QY/P	µg/L	WA
1	Total organic halogens	33	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	J/QY/P	µg/L	WA
0	Trichloroethylene	<1.0	J/QY/P	µg/L	WA
0	Actinium-228	6.9E-09 ± 6.9E-09	UI	µCi/mL	GP
0	Antimony-124	4.6E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Antimony-125	2.6E-09 ± 3.8E-09	UI	µCi/mL	GP
0	Barium-133	- 9.7E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cerium-144	3.4E-09 ± 1.2E-08	UI	µCi/mL	GP
0	Cesium-134	- 21 E-10* 1.6E-09	UI	µCi/mL	GP
0	Cesium-137	5.4E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Cobalt-57	6.OE-10* 1.5E-09	UI	µCi/mL	GP
0	Cobalt-58	- 1.8E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Cobalt-60	9.4E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Europium-152	3.6E-09 ± 4.2E-09	UI	µCi/mL	GP
0	Europium-154	- 2.6E-09 ± 3.1E-09	UI	µCi/mL	GP
0	Europium-155	4.1E-09 ± 6.7E-09	UI	µCi/mL	GP
0	Gross alpha	1.5E-09 ± 1.1E-09	J//P	µCi/mL	GP

WELL HTF 3 collected on 08/15/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Lead-212	9.0E-09 ± 3.1E-09	UI	µCi/mL	GP
0	Manganese-54	1.1E-10 ± 1.6E-09	UI	µCi/mL	GP
0	Neptunium-239	5.9E-10 ± 6.2E-09	UI	µCi/mL	GP
1	Nonvolatile beta	4.7E46*34E-OD		µCi/mL	GP
0	Potassium-40	1.0E-08 ± 3.4E-08	UI	µCi/mL	GP
0	Promethium-144	- 5.3E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Promethium-146	2.0E-09 • 1.8E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 9.7E-09 ± 1.6E-08	UI	µCi/mL	GP
0	Sodium-22	- 3.1E-10 ± 2.0E-09	UI	µCi/mL	GP
0	Thorium-234	2.2E-08 ± 7.9E-08	UI	µCi/mL	GP
0	Tin-113	1.3E-09 ± 1.9E-09	UI	µCi/mL	GP
1	Tritium	2.0E-05 ± 7.6E-07		µCi/mL	GP
0	Yttrium-88	- 7.1E-11 • 1.5E-09	UI	µCi/mL	GP
0	Zinc-65	- 2.0E-09 ± 3.1E-09	UI	µCi/mL	GP
0	Zirconium-95	1.8E-09 ± 3.1E-09	UI	µCi/mL	GP

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/94 — Tree: 9:15
Depth to water: 8.00 ft (2.44 m) below TOC — PH: 6.0
Water elevation: 274.80 ft (83.79 m) msl
Sp. conductance: 121 µS/cm — Water temperature: 25.0°C
Turbidity: 234 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	32	/Y	µg/L	WA
2	Cadmium, total recoverable	32	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
0	Chromium, total recoverable	<4.0	/Y	µg/L	WA
2	Iron, total recoverable	51,500	/Y	µg/L	WA
2	Lead, total recoverable	182	/Y	µg/L	WA
2	Manganese, total recoverable	544	/Y	µg/L	WA
0	Mercury, total recoverable	<0.20	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
2	Total organic halogens	11s	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	8.9E-09 ± 6.6E-09	UI	µCi/mL	GP
0	Antimony-124	- 7.2E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Antimony-125	3.3E-09 ± 4.9E-09	UI	µCi/mL	GP
0	Barium-133	6.2E-11 ± 2.1E-09	UI	µCi/mL	GP
0	Cerium-144	1.7E-09 ± 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	9.6E-10* 1.8E-09	UI	µCi/mL	GP
0	Cesium-137	4.0E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Cobalt-57	- 9.2E-10 ± 1.2S06	UI	µCi/mL	GP
0	Cobalt-58	- 1.0E-11 • 1.8E-09	UI	µCi/mL	GP
0	Cobalt-60	1.SE.1O* 1.7E-09	UI	µCi/mL	GP
0	Europium-152	- 2.9E-09 ± 4.7E-09	UI	µCi/mL	GP
0	Europium-154	2.1 E-10* 3.22-06	UI	µCi/mL	GP
0	Europium-155	2.8E-09 ± 6.3E-09	UI	µCi/mL	GP
0	Gross alpha	6.3E-10*7.7HO	UI	µCi/mL	GP
0	Lead-212	3.2E-09 ± 4.9E-09	UI	µCi/mL	GP
0	Manganese-54	4.6E-10* 1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	- 4.8E-09 ± 6.0E-09	UI	µCi/mL	GP
0	Nonvolatile beta	3.0E-09 ± 1.2E-09	J//P	µCi/mL	GP
0	Potassium-40	2.1E-08 ± 1.9E-08	UI	µCi/mL	GP
0	Promethium-144	- 3.6E-10* 1.8E-09	UI	µCi/mL	GP
0	Promethium-146	1.6E-10*2.3E.U6	UI	µCi/mL	GP
0	Ruthenium-106	-3.2246: 1.6E-08	UI	µCi/mL	GP
0	Sodium-22	- 2.4E-10* 1.6E-09	UI	µCi/mL	GP
0	Thorium-234	4.6E-08 ± 1.3E-07	UI	µCi/mL	GP
0	Tin-113	- 2.42-IO* 2.4E-09	UI	µCi/mL	GP
2	Tritium	2.9E-05 ± 8.9E-07		µCi/mL	GP
0	Yttrium-88	2OE.1O* 1.4E-09	UI	µCi/mL	GP
0	Zinc-65	- 1.7E-09 ± 3.4E-09	UI	µCi/mL	GP
0	Zirconium-95	- 1.1E-10 ± 3.0E-09	UI	µCi/mL	GP

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/94 — Time: 9:45
Depth to water: 28.00 ft (8.53 m) below TOC — pH: 5.5
Water elevation: 277.80 ft (84.67 m) msl
Sp. conductance: 44 µS/cm — Water temperature: 28.5°C
Turbidity: 158 NTU — Air temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	2.ss0	/Y	µg/L	WA
1	Cadmium, total recoverable	2.6	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
0	Chromium, total recoverable	4.2	/Y	µg/L	WA
2	Iron, total recoverable	4.s0	/Y	µg/L	WA
1	Lead, total recoverable	27	/Y	µg/L	WA

WELL HTF 5 collected on 08/15/84, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
2	Manganese, total recoverable	74	/Y	µg/L	WA
0	Mercury, total recoverable	<0.20	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
1	Total organic halogens	4s	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1,0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	5.1E-09 ± 1.1E-08	UI	µCi/mL	GP
0	Antimony-124	222.12; 1.9E-09	UI	µCi/mL	GP
0	Antimony-125	1.0E-09 ± 4.5E-09	UI	µCi/mL	GP
0	Barium-133	8.2E-09 ± 1.1E-08	UI	µCi/mL	GP
0	Cerium-144	- 1.7E-09 ± 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	8.0E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Cesium-137	2SE.1O* 1.5E-09	UI	µCi/mL	GP
0	Cesium-137	- 8.1E-10 ± 1.6E-08	UI	µCi/mL	GP
0	Cobalt-57	8.8E-10 ± 1.7E-08	UI	µCi/mL	GP
0	Cobalt-58	- 2.4E-09 ± 1.9E-08	UI	µCi/mL	GP
0	Cobalt-60	• 8.8E-10 ± 2.0E-08	UI	µCi/mL	GP
0	Europium-152	S.SE-10* 5.0E-09	UI	µCi/mL	GP
0	Europium-154	3.6E-09 ± 3.4E-09	UI	µCi/mL	GP
0	Europium-155	4.7E-10 ± 8.8E-09	UI	µCi/mL	GP
0	Gross alpha	8.5E-10 ± 23E-10	UI	µCi/mL	GP
0	Lead-212	1.1E-08 ± 3.9E-09	UI	µCi/mL	GP
0	Manganese-54	- 8.0E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Neptunium-239	2.5E-09 ± 8.2E-09	UI	µCi/mL	GP
2	Nonvolatile beta	8.8E-08 ± 4.7E-09		µCi/mL	GP
0	Potassium-40	2.4E-08 • 4.5E-08	UI	µCi/mL	GP
0	Promethium-144	4.5E-12 ± 1.7E-09	UI	µCi/mL	GP
0	Promethium-146	- E.SE-10*23E*	UI	µCi/mL	GP
0	Ruthenium-106	- 3.1E-09 ± I.EE-	UI	µCi/mL	GP
0	Sodium-22	1.8E-09 ± 1.8E-09	UI	µCi/mL	GP
0	Thorium-234	8.1E-08 ± 1.7E-07	UI	µCi/mL	GP
0	Tin-113	8.4E-10 ± 2.3E-09	UI	µCi/mL	GP
2	Tritium	3.4E-05 ± 9.4E-07		µCi/mL	GP
0	Yttrium-88	- 1.6E-09 ± 1.3E-09	UI	µCi/mL	GP
0	Zinc-65	- 3.SE-10* 3.6E-09	UI	µCi/mL	GP
0	Zirconium-95	. 2 - : 3.6E-09	UI	µCi/mL	GP

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/84
Depth to water: 30.00 ft (9.14 m) below TOC
Water elevation: 275.40 ft (83.94 m) msl
Sp. conductance: 53 µS/cm
Turbidity: 389 NTU
Water evacuated before sampling: 1 gal

Time: 10:15
pH: 4.9

Water temperature: 28.0°C
Air temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	33.300	/Y	µg/L	WA
2	Aluminum, total recoverable	8.280		µg/L	WA
2	Cadmium, total recoverable	2 0	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
0	Chromium, total recoverable	3s	/Y	µg/L	WA
2	Iron, total recoverable	4s.s00	/Y	µg/L	WA
2	Iron, total recoverable	17,s00		µg/L	WA
1	Lead, total recoverable	38	/Y	µg/L	WA
2	Manganese, total recoverable	1s2	/Y	µg/L	WA
0	Mercury, total recoverable	<0.20	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
2	Total organic halogens	54	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	5.9E-09 ± 8.7E-09	UI	µCi/mL	GP
0	Actinium-228	8.2E-10 ± 9.8E-09	UI	µCi/mL	GP
0	Antimony-124	• 1.3E-09 ± 1.8E-09	UI	µCi/mL	GP
0	Antimony-124	1.8E-08 ± 8.0E-09	UI	µCi/mL	GP
0	Antimony-125	8.7E-09 ± 8.6E-09	UI	µCi/mL	GP
0	Antimony-125	3.0E-09 ± 5.1E-09	UI	µCi/mL	GP
0	Barium-133	I . I E 4 s * 2 -	UI	µCi/mL	GP
0	Barium-133	- 3.4E-10 ± 2.4E-09	UI	µCi/mL	GP
0	Cerium-144	1.3E-08 ± 1.7E-08	UI	µCi/mL	GP
0	Cerium-144	2.9E-09 ± 1.5E-08	UI	µCi/mL	GP
0	Cesium-134	- 3.SE-10* 1.7E-09	UI	µCi/mL	GP
0	Cesium-134	- 8.6E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cesium-137	8.4E-09 ± 3.1E-09	UI	µCi/mL	GP
0	Cesium-137	a s 2 4 s ~ a s E -	J	µCi/mL	GP
0	Cobalt-57	- 1.2E-10* 1.6E-09	UI	µCi/mL	GP
0	Cobalt-57	- 1.2E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Cobalt-58	- 1.6E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Cobalt-58	2.1E-09 ± 4.9E-09	UI	µCi/mL	GP
0	Cobalt-60	1.5E-09 ± 1.7E-09	UI	µCi/mL	GP
0	Cobalt-60	1.2E-09 ± 1.8E-09	UI	µCi/mL	GP
0	Europium-152	1.0E-08 ± 4.6E-09	UI	µCi/mL	GP
0	Europium-152	3.1E-09 ± 5.0E-09	UI	µCi/mL	GP
0	Europium-154	- 1.7E-09 ± 3.4E-09	UI	µCi/mL	GP
0	Europium-154	2.2E-09 ± a o E -	UI	µCi/mL	GP
0	Europium-155	- 2.4E-09 ± 8.8E-09	UI	µCi/mL	GP
0	Europium-155	- 1.8E-09 ± 7.3E-09	UI	µCi/mL	GP
1	Gross alpha	1.2E-08 ± 2.1E-09		µCi/mL	GP
0	Lead-212	2.5E-09 ± 5.1E-09	UI	µCi/mL	GP
0	Lead-212	8.1E-09 ± 8.6E-09	J	µCi/mL	GP
0	Manganese-54	- S.OIE-10* 1.8E-09	UI	µCi/mL	GP
0	Manganese-54	- 1.7E-10 ± 2.1E-09	UI	µCi/mL	GP

WELL HTF 6 collected on 08/15/84, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Neptunium-239	- 1.7E-09 ± 8.2E-09	UI	µCi/mL	GP
0	Neptunium-239	4.3E-09 ± 1 .2E-08	UI	µCi/mL	GP
0	Nonvolatile beta	1.8E-08 ± 2.1E-09		µCi/mL	GP
0	Potassium-40	1.4E-08 ± 2.4E-08	UI	µCi/mL	GP
0	Potassium-40	2.9E-08 ± 1.8E-08	UI	µCi/mL	GP
0	Promethium-144	• 4.7E-10* 1.8E-09	UI	µCi/mL	GP
0	Promethium-144	- 1.3E-09 ± 1.8E-09	UI	µCi/mL	GP
0	Promethium-146	- 2.3E-11 ± 2 4E-09	UI	µCi/mL	GP
0	Promethium-146	1.4E-11 • 2.3E-09	UI	µCi/mL	GP
1	Ruthenium-106	1.8E-08 ± 1.6E-08	UI	µCi/mL	GP
0	Ruthenium-106	2.1E-08 ± 2.0E-08	UI	µCi/mL	GP
0	Sodium-22	1 .8E-09 • 2.0E-09	UI	µCi/mL	GP
0	Sodium-22	8.2E-10 ± 3.8E-09	UI	µCi/mL	GP
0	Thorium-234	3.0E-08 ± 8.3E-08	UI	µCi/mL	GP
0	Thorium-234	5.8E-08 ± 1.8E-07	UI	µCi/mL	GP
0	Tin-113	7.5E-10* 2.4E-09	UI	µCi/mL	GP
0	Tin-113	2.8E-09 ± 4.2E-09	UI	µCi/mL	GP
1	Tritium	1.1E-05 ± 8.2E-07		µCi/mL	GP
0	Yttrium-88	:sE"lo* 1.9E-09	UI	µCi/mL	GP
0	Yttrium-88	- 3.4E-09 ± 3.5E-09	UI	µCi/mL	GP
0	Zinc-65	- 3.6E-09 ± 3.7E-09	UI	µCi/mL	GP
0	Zinc-65	- 3.7E-09 ± 5.5E-09	UI	µCi/mL	GP
0	Zirconium-95	- 1.0E-08 ± 3.4E-09	UI	µCi/mL	GP
0	Zirconium-95	1.1E-08 ± 9.5E-09	UI	µCi/mL	GP

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/84
Depth to water: 30.00 ft (9.14 m) below TOC
Wedmmtmn:27&~Rm1391 m) msl
Sp. conductance: I
Turbidity: 127 NTU
No water was evacuated before sampling

Time: 10:30
pH: 5.4

Water temperature: 28.8°C
Air temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	214	/Y	µg/L	WA
0	Cadmium, total recoverable	<2.0	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
2	Iron, total recoverable	32.200	/Y	µg/L	WA
0	Lead, total recoverable	15	/Y	µg/L	WA
2	Manganese, total recoverable	461	/Y	µg/L	WA
0	Mercury, total recoverable	<0.20	J/QY	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
2	Total organic halogens	85	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	3.3E-09 ± 76-OS.	UI	µCi/mL	GP
0	Actinium-228	3.3E-09 ± 3.7E-09	UI	µCi/mL	GP
0	Antimony-124	: 7.1E-10 ± 6.4E-09	UI	µCi/mL	GP
0	Antimony-124	2.8E-09 ± 1.9E-08	UI	µCi/mL	GP
0	Antimony-125	3.7E-09 ± 2.6E-08	UI	µCi/mL	GP
0	Antimony-125	- 1.0E-08 ± 3.0E-08	UI	µCi/mL	GP
0	Barium-133	1.1E-09 ± 1.1E-08	UI	µCi/mL	GP
0	Barium-133	- 2.1E-09 ± 1.1E-08	UI	µCi/mL	GP
0	Cerium-144	1.0E-09 ± 4.5E-08	UI	µCi/mL	GP
0	Cerium-144	2.3E-08 ± 5.6E-08	UI	µCi/mL	GP
0	Cesium-134	- 5.5E-10 ± 6.0E-09	UI	µCi/mL	GP
0	Cesium-134	2.1E-09 ± 5.8E-09	UI	µCi/mL	GP
2	Cesium-137	4.7E-08 ± 8.2E-07		µCi/mL	GP
2	Cesium-137	3.3E-05 ± 8.1E-08		µCi/mL	GP
0	Cobalt-57	- 1.5E-09 ± 5.7E-09	UI	µCi/mL	GP
0	Cobalt-57	- 1.5E-10 ± 7.3E-09	UI	µCi/mL	GP
0	Cobalt-58	alE.11 * 2.3E-09	UI	µCi/mL	GP
0	Cobalt-58	- 2 - : 2 7 2 -	UI	µCi/mL	GP
0	Cobalt-60	- 3.8E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	1.7E.1O*8.4E-10	UI	µCi/mL	GP
0	Europium-152	- 8.2E-09 ± 1.6E-08	UI	µCi/mL	GP
0	Europium-152	1.8E-08 • 2.*-OS	UI	µCi/mL	GP
0	Europium-154	1.SE-10* 1.2E-08	UI	µCi/mL	GP
0	Europium-154	- 3.0E-09 ± 5.1E-09	UI	µCi/mL	GP
0	Europium-155	1.5E-08 • 2.3E-08	UI	µCi/mL	GP
0	Europium-155	- 1.2E-08 ± 2.4E-08	UI	µCi/mL	GP
2	Gross alpha	4.9E-08 ± 9.7E-09		µCi/mL	GP
0	Lead-212	-222408 1.3E-08	UI	µCi/mL	GP
0	Lead-212	1.0E-08 ± 1.5E-08	UI	µCi/mL	GP
0	Manganese-54	1.0E-09 ± 2.2E-09	UI	µCi/mL	GP
0	Manganese-54	- 4.1E-10 ± 1.2E-09	UI	µCi/mL	GP
0	Neptunium-239	1.2E-08 ± 2.1E-08	UI	µCi/mL	GP
0	Neptunium-239	. 1.1E-08 ± 4.2E-08	UI	µCi/mL	GP
2	Nonvolatile beta	4.0E-08 * 5.3E-08		µCi/mL	GP
0	Potassium-40	asE4t582oE45	UI	µCi/mL	GP
0	Potassium-40	1.2E-08 • 2.5E-08	UI	µCi/mL	GP
0	Promethium-144	- 7.WE-10* 1.8E-09	UI	µCi/mL	GP
0	Promethium-144	- 8.0E-10 ± 1.3E-09	UI	µCi/mL	GP
0	Promethium-146	4.5E-09 ± 1.3E-08	UI	µCi/mL	GP
0	Promethium-146	• 3.324s: 1.5E-08	UI	µCi/mL	GP
0	Ruthenium-106	.4.1 E-08 ± 5.5E-08	UI	µCi/mL	GP
0	Ruthenium-106	8.7E-09 ± 8.2E-08	UI	µCi/mL	GP

WELL HTF 7 collected on 08/15/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Sodium-22	- 3.2E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Sodium-22	- 2.6E-10 ± 1.1E-09	UI	µCi/mL	GP
0	Thorium-234	1.1E-07 ± 2.8E-07	UI	µCi/mL	GP
0	Thorium-234	6.6E-08 ± 2.5E-07	UI	µCi/mL	GP
0	Tin-113	- 8.8E-09 ± 1.1E-08	UI	µCi/mL	GP
0	Tin-113	4.7E-08 ± 2.8E-08	J	µCi/mL	GP
2	Tritium	2.2E-05 ± 8.0E-07		µCi/mL	GP
0	Yttrium-88	1.7E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Yttrium-88	- 2.6E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Zinc-65	- 2.0E-09 ± 4.2E-09	UI	µCi/mL	GP
0	Zinc-65	- 2.0E-09 ± 2.6E-09	UI	µCi/mL	GP
0	Zirconium-95	- 9.8E-10 ± 4.0E-09	UI	µCi/mL	GP
0	Zirconium-95	3.6E-09 ± 5.6E-09	UI	µCi/mL	GP

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/94 — Time: 11:00
Depth to water: 32.00 ft (9.75 m) below TOC — pH: 5.3
Water elevation: 273.70 ft (83.42 m) msl
Sp. conductance: 58 µS/cm — Water temperature: 27.0°C
Turbidity: 175 NTU — Air temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	2020	/Y	µg/L	WA
0	Cadmium, total recoverable	< 2 0	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
0	Chromium, total recoverable	8.7	/Y	µg/L	WA
2	Iron, total recoverable	4.640	/Y	µg/L	WA
2	Lead, total recoverable	w	/Y	µg/L	WA
0	Manganese, total recoverable	18	/Y	µg/L	WA
0	Mercury, total recoverable	<0.20	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
2	Total organic halogens	194	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	6.5246* 1.5E-08	UI	µCi/mL	GP
0	Antimony-124	7.2E.1O* 2.3E-09	UI	µCi/mL	GP
0	Antimony-125	- 5.5E-09 ± 6.3E-09	UI	µCi/mL	GP
0	Barium-133	- 6.6E-10* 2.0E-09	UI	µCi/mL	GP
0	Cerium-144	- 3.4E-09 ± 1.4E-08	UI	µCi/mL	GP
0	Cesium-134	29E-10* 1.9E-09	UI	µCi/mL	GP
0	Cesium-137	9.4E-08 ± 7.7E-09		µCi/mL	GP
0	Cobalt-57	- 3.3E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Cobalt-58	- 6.6E-10* 1.7E-09	UI	µCi/mL	GP
0	Cobalt-60	3.*-lo* 1.7E-09	UI	µCi/mL	GP
0	Europium-152	- 2.0E-09 ± 6.0E-09	UI	µCi/mL	GP
0	Europium-154	-0.02.11 • 3.7E-09	UI	µCi/mL	GP
0	Europium-155	1.3E-09 ± 7.2E-09	UI	µCi/mL	GP
0	Gross alpha	1.8E-08 ± 9.3E-10	J/P	µCi/mL	GP
0	Lead-212	3.7E-09 ± 6.3E-09	UI	µCi/mL	GP
0	Manganese-54	2OE-10* 1.9E-09	UI	µCi/mL	GP
0	Neptunium-239	4.2E-10 ± 8.5E-09	UI	µCi/mL	GP
1	Nonvolatile beta	3.2E-08 ± 2.0E-09		µCi/mL	GP
0	Potassium-40	1.7E-08 ± 2.2E-08	UI	µCi/mL	GP
0	Promethium-144	4.7E-11 • 1.7E-09	UI	µCi/mL	GP
0	Promethium-146	• 2.0E-09 ± 3.3E-09	UI	µCi/mL	GP
0	Ruthenium-106	1.0E-08 ± 1.9E-08	UI	µCi/mL	GP
0	Sodium-22	1.5E-09 ± 1.7E-09	UI	µCi/mL	GP
0	Thorium-234	2.6E-08 ± 1.0E-07	UI	µCi/mL	GP
0	Th-113	1.1E-09 ± 2.8E-09	UI	µCi/mL	GP
1	Tritium	1.8E-05 • 7.32-07		µCi/mL	GP
0	Yttrium-88	2.4E-09 ± 2.2E-09	UI	µCi/mL	GP
o	Zinc-65	2.2E-09 ± 3.5E-09	UI	µCi/mL	GP
0	Zirconium-95	3.6E-09 ± 1.4E-08	UI	µCi/mL	GP

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/94 — Time: 9:10
Depth to water: 50.00 ft (15.24 m) below TOC — pH: 5.9
Water elevation: 274.00 ft (83.52 m) msl
Sp. conductance: 80 µS/cm — Water temperature: 26.8°C
Turbidity: 167 NTU — Air temperature: 27.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	107		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	35,400	/Y	µg/L	WA
0	Lead, total recoverable	6.4		µg/L	WA
2	Manganese, total recoverable	307	/Y	µg/L	WA

WELL HTF 9 collected on 08/17/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Mercury, total recoverable	0.3s		µg/L	WA
0	Mercury, total recoverable	0.30		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
2	Total organic halogens	172	J/Q/P	µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	1.8		µg/L	WA
0	Actinium-228	1.3E-08 • 8.8E-09	UI	µCi/mL	GP
0	Antimony-124	1.5E-09 ± 1.9E-09	UI	µCi/mL	GP
0	Antimony-125	1.9E-09 ± 4.0E-09	UI	µCi/mL	GP
0	Barium-133	- 3.6E-10: 2.6E-09	UI	µCi/mL	GP
0	Cerium-144	- 2.2E-09 ± 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	. 1.7E-09 ± 1.9E-09	UI	µCi/mL	GP
0	Cesium-137	2.2E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	-0.62-11 • 1.7E-09	UI	µCi/mL	GP
0	Cobalt-58	- 1.1E-09 ± 2.2E-09	UI	µCi/mL	GP
0	Cobalt-60	• 1.32-11*1.62*	UI	µCi/mL	GP
0	Europium-152	6.6E-10 ± 4.9E-09	UI	µCi/mL	GP
0	Europium-154	. 1.6E-10* 3.6E-09	UI	µCi/mL	GP
0	Europium-155	9.2E-10 ± 7.6E-09	UI	µCi/mL	GP
0	Gross alpha	1.6E-10*5.OE-1O	UI	µCi/mL	GP
0	Lead-212	3.6246* 6. 0E-09	UI	µCi/mL	GP
0	Manganese-54	- 1.9E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Neptunium-239	6.0E-09 ± 7.0E-09	UI	µCi/mL	GP
0	Nonvolatile beta	1.1E-09 ± 1.0E-09	UI	µCi/mL	GP
0	Potassium-40	1.0E-08 ± 2.6E-08	UI	µCi/mL	GP
0	Promethium-144	7.6E-10* 1.6'2-06	UI	µCi/mL	GP
0	Promethium-146	- 3.4E-10*_ 2.22-06	UI	µCi/mL	GP
0	Ruthenium-106	4.2E-09 ± 1.5E-08	UI	µCi/mL	GP
0	Sodium-22	- 1.8E-10 ± 2.0E-09	UI	µCi/mL	GP
0	Thorium-234	4.4E-08 ± 1.0E-07	UI	µCi/mL	GP
0	Tin-113	2.4E-10 ± 1.9E-09	UI	µCi/mL	GP
2	Tritium	5.3E-05 ± 1.2E-06		µCi/mL	GP
0	Yttrium-88	1.3E-10 ± 1.4E-09	UI	µCi/mL	GP
0	Zinc-65	3.0E-09 ± 2.8E-09	UI	µCi/mL	GP
0	Zirconium-95	8.4E-10 ± 3.3E-09	UI	µCi/mL	GP

WELL HTF1O

MEASUREMENTS CONDUCTED IN THE FIELD

Sample m: 08/16/94 — Time: 10:20
Depth to water: 50.00 ft (15.24 m) below TOC — pH: 5.9
Water elevation: 272.70 ft (83.12 m) msl
Sp. conductance: 151 µS/cm — Water temperature: 24.0°C
Turbidity: 39 NTU — Air temperature: 24.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	40	/Y	µg/L	WA
1	Cadmium, total recoverable	3.7	/IY	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
2	Iron, total recoverable	72,800	/WY	µg/L	WA
1	Lead, total recoverable	25	/Y	µg/L	WA
1	Lead, total recoverable	25	/Y	µg/L	WA
2	Manganese, total recoverable	245	/IY	µg/L	WA
0	Mercury, total recoverable	0.47	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
2	Total organic halogens	443	J/Y/P	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	2.8E-09 ± 6.1E-09	UI	µCi/mL	GP
0	Antimony-124	- 1.02.11: 1.9E-09	UI	µCi/mL	GP
0	Antimony-125	- 1.3E-09 ± 4.5E-09	UI	µCi/mL	GP
0	Barium-133	5.4E-10 ± 2.7E-09	UI	µCi/mL	GP
0	Cerium-144	-26246:1.3246	UI	µCi/mL	GP
0	Cesium-134	1.2246* 1.8E-09	UI	µCi/mL	GP
0	Cesium-137	- 1.5E-09 ± 1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	1.3E-09 ± 1.7E-09	UI	µCi/mL	GP
0	Cobalt-58	- 4.1E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Cobalt-60	6.5E-09 ± 3.1E-09	UI	µCi/mL	GP
0	Europium-152	2.5E-09 ± 4.9E-09	UI	µCi/mL	GP
0	Europium-154	2.8E-09 ± 3.4E-09	UI	µCi/mL	GP
0	Europium-155	3.2E-09 ± 6.6E-09	UI	µCi/mL	GP
0	Gross alpha	1.1 E46*6.7E.1O	UI	µCi/mL	GP
0	Lead-212	4.6E-09 • 7.42.06	UI	µCi/mL	GP
0	Manganese-54	- 1.1E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Neptunium-239	- 1.9E-09 ± 6.2E-09	UI	µCi/mL	GP
0	Nonvolatile beta	1.9E-09 ± 9.2E-10	UI	µCi/mL	GP
0	Potassium-40	1.2246: 3.0E-08	UI	µCi/mL	GP
0	Promethium-144	- 7.3E-10* 1.8E-09	UI	µCi/mL	GP
0	Promethium-146	8.8E-10 ± 2.5E-09	UI	µCi/mL	GP
0	Ruthenium-106	-1.5E-08 ± 1.9E-08	UI	µCi/mL	GP
0	Sodium-22	- 1.7E-09 ± 1.4E-09	UI	µCi/mL	GP
0	Thorium-234	9.2E-09 ± 1.3E-07	UI	µCi/mL	GP
0	Tin-113	3.4E-10 ± 2.5E-09	UI	µCi/mL	GP
2	Tritium	5.9E-05 ± 1.2E-06		µCi/mL	GP
0	Yttrium-88	• 1 .0E-09 ± 2.2E-09	UI	µCi/mL	GP
0	Zinc-65	3.9E-09 ± 4.5E-09	UI	µCi/mL	GP
0	Zirconium-95	5.9E-10 ± 3.8E-09	UI	µCi/mL	GP

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/94 — Time: 10:30
Depth to water: 46.00 ft (14.63 m) below TOC — pH: 6.2
Water elevation: 274.80 ft (83.78 m) msl
Sp. conductance: 101 µS/cm — Water temperature: 28.0°C
Turbidity: 30 NTU — Air temperature: 27.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	111		µg/L	WA
1	Cadmium, total recoverable	3.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	27,800	N	µg/L	WA
0	Lead, total recoverable	4.1		µg/L	WA
2	Manganese, total recoverable	108	N	µg/L	WA
0	Mercury, total recoverable	0.60		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
1	Total organic halogens	24	J/Q/P	µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	7.4E-09 ± 8.4E-09	U	µCi/mL	GP
0	Antimony-124	2.0E-10 ± 2.2E-09	U	µCi/mL	GP
0	Antimony-125	2 2 E - 1 0 * 2 2 E *	U	µCi/mL	GP
0	Barium-133	1.6E-08 ± 7.8E-09	J/P	µCi/mL	GP
0	Cerium-144	- 7.7E-09 ± 1.4E-08	U	µCi/mL	GP
0	Cesium-134	4.*-Io* 1.8E-09	U	µCi/mL	GP
0	Cesium-137	2.3E-09 ± 2.0E-09	U	µCi/mL	GP
0	Cobalt-57	- 22E-10* 1.8E-09	U	µCi/mL	GP
0	Cobalt-58	3.*-10* 1.5E-09	U	µCi/mL	GP
0	Cobalt-60	- 1.1E-09 ± 1.9E-09	U	µCi/mL	GP
0	Europium-152	- 2.9E-09 ± 5.4E-09	U	µCi/mL	GP
0	Europium-154	1.2E.1O* 3.8E-09	U	µCi/mL	GP
0	Europium-155	1.2E-09 ± 7.8E-09	U	µCi/mL	GP
0	Gross alpha	7.4E-10 ± 5.2E-10	U	µCi/mL	GP
0	Lead-212	4.22.02; 5.5E-09	U	µCi/mL	GP
0	Manganese-54	. 1.8E-09 ± 1.8E-09	U	µCi/mL	GP
0	Neptunium-239	2. 1E-09 ± 7.0E-09	U	µCi/mL	GP
0	Nonvolatile beta	3.4E-09 ± 1.0E-09		µCi/mL	GP
0	Potassium-40	1.8E-08 ± 2.8E-08	U	µCi/mL	GP
0	Promethium-144	2.0E-09 ± 2.2E-09	U	µCi/mL	GP
0	Promethium-146	- 7.7E-10 ± 2.8E-09	U	µCi/mL	GP
1	Ruthenium-106	2.1E-08 ± 4.0E-08	U	µCi/mL	GP
0	Sodium-22	1.2E-10* 1.8E-09	U	µCi/mL	GP
0	Thorium-234	8.2E-08 ± 1.5E-07	U	µCi/mL	GP
0	Tin-113	- 6 .4E-10*22E4D	U	µCi/mL	GP
2	Tritium	6.7E-05 ± 1.41%02		µCi/mL	GP
0	Yttrium-88	.2.72-11 • 2.4E-09	U	µCi/mL	GP
0	Zinc-65	- 9.3E-10 ± 6.1E-09	U	µCi/mL	GP
0	Zirconium-95	1.6E-09 ± 3.8E-09	U	µCi/mL	GP

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/94 — Time: 9:05
Depth to water: 50.00 ft (15.24 m) below TOC — pH: 5.9
Water elevation: 272.90 ft (83.18 m) msl
Sp. conductance: 99 µS/cm — Water temperature: 26.5°C
Turbidity: 153 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	302	N	µg/L	WA
2	Cadmium, total recoverable	9.0	N	µg/L	WA
0	Carbon tetrachloride	<1.0	N	µg/L	WA
0	Chloroform	<1.0	N	µg/L	WA
2	Iron, total recoverable	148,000	N	µg/L	WA
2	Iron, total recoverable	100,000		µg/L	WA
2	Lead, total recoverable	156	N	µg/L	WA
2	Lead, total recoverable	183		µg/L	WA
2	Manganese, total recoverable	402	N	µg/L	WA
1	Mercury, total recoverable	1.2	N	µg/L	WA
0	Tetrachloroethylene	<1.0	N	µg/L	WA
2	Total organic halogens	321	N	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	N	µg/L	WA
0	Trichloroethylene	2.1	N	µg/L	WA
0	Actinium-228	• 1.3E-09 ± 5.5E-09	U	µCi/mL	GP
0	Antimony-124	2.3E-09 ± 2.8E-09	U	µCi/mL	GP
0	Antimony-125	2.3E-09 ± 5.6E-09	U	µCi/mL	GP
0	Barium-133	. 7.8E-10 ± 2.2E-09	U	µCi/mL	GP
0	Cerium-144	- 2.4E-09 ± 1.2E-08	U	µCi/mL	GP
0	Cesium-134	2.0E-09 ± 2.4E-09	U	µCi/mL	GP
0	Cesium-137	- 3.5E-10 ± 1.6E-09	U	µCi/mL	GP
0	Cobalt-57	- 3.9E-12 ± 1.5E-09	U	µCi/mL	GP
0	Cobalt-58	- 1.4E-09 ± 1.8E-09	U	µCi/mL	GP
0	Cobalt-60	8.5E-09 ± 5.5E-09	U	µCi/mL	GP
0	Europium-152	4OE-10*4.4E-	U	µCi/mL	GP
0	Europium-154	- 1.8E-09 ± 3.1E-09	U	µCi/mL	GP
0	Europium-155	- 3.8E-09 ± 6.6E-09	U	µCi/mL	GP
0	Gross alpha	1.6E-09 ± 8.8E-10	J/P	µCi/mL	GP

WELL HTF 12 collected on 08/16/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Lead-212	2.9E-09 ± 4.9E-09	U	µCi/mL	GP
0	Manganese-54	- 4.3E-11 ± 1.9E-09	U	µCi/mL	GP
0	Neptunium-239	- 3.1E-09 ± 5.8E-09	U	µCi/mL	GP
0	Nonvolatile beta	1.5E-08 ± 1.8E-09		µCi/mL	GP
0	Potassium-40	2.0E-08 ± 3.0E-08	U	µCi/mL	GP
0	Promethium-144	2EE-10* 1.8E-09	U	µCi/mL	GP
0	Promethium-146	1.0E-09 ± 2.1E-09	U	µCi/mL	GP
0	Ruthenium-106	- I.IE~sI.2E-	U	µCi/mL	GP
0	Sodium-22	- 9.1E-11 ± 1.7E-09	U	µCi/mL	GP
0	Thorium-234	1.1E-07 ± 1.4E-07	U	µCi/mL	GP
0	Tin-113	1.*-10* 2.3E-09	U	µCi/mL	GP
2	Tritium	9.6E-05 ± 1.9E-06		µCi/mL	GP
0	Yttrium-88	7.*.10* 1.8E-09	U	µCi/mL	GP
0	Zinc-65	- 1.5E-09 ± 3.4E-09	U	µCi/mL	GP
0	Zirconium-95	- 8.4E-10 ± 3.0E-09	U	µCi/mL	GP

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/94 — Time: 11:00
Depth to water: 50.00 ft (15.24 m) below TOC — pH: 6.4
Water elevation: 274.40 ft (83.64 m) msl
Sp. conductance: 130 µS/cm — Water temperature 28
Turbidity: 835 NTU — Air temperature: 27.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	14,600	N	µg/L	WA
2	Aluminum, total recoverable	9,600		µg/L	WA
2	Cadmium, total recoverable	8.5	N	µg/L	WA
0	Carbon tetrachloride	<1.0	N	µg/L	WA
0	Chloroform	<1.0	N	µg/L	WA
2	Iron, total recoverable	46,600	N	µg/L	WA
2	Iron, total recoverable	39,000		µg/L	WA
2	Lead, total recoverable	380	N	µg/L	WA
2	Manganese, total recoverable	144	N	µg/L	WA
0	Mercury, total recoverable	<0.20	N	µg/L	WA
0	Tetrachloroethylene	<1.0	N	µg/L	WA
2	Total organic halogens	100	N	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	N	µg/L	WA
0	Trichloroethylene	<1.0	N	µg/L	WA
0	Actinium-228	7.7E-09 ± 6.6E-09	U	µCi/mL	GP
0	Antimony-124	- 6.2E-10 ± 2.3E-09	U	µCi/mL	GP
0	Antimony-125	. 1.9E-10 ± 4.2E-09	U	µCi/mL	GP
0	Barium-133	- 1.3E-09 ± 2.7E-09	U	µCi/mL	GP
0	Cerium-144	9.0E-09 ± 1.2E-08	U	µCi/mL	GP
0	Cesium-134	1.2E-09 ± 1.7E-09	U	µCi/mL	GP
0	Cesium-137	- 1.0E-10* 1.7E-09	U	µCi/mL	GP
0	Cobalt-57	- 2s2.10: 1.8E-09	U	µCi/mL	GP
0	Cobalt-58	- 1.3E-09 ± 1.8E-09	U	µCi/mL	GP
0	Cobalt-60	6.1E-10 ± 1.7E-09	U	µCi/mL	GP
0	Europium-152	• 1.2E-09 ± 4.8E-09	U	µCi/mL	GP
0	Europium-154	- 5.0E-10 ± 3.3E-09	U	µCi/mL	GP
0	Europium-155	- 2.2E-10 ± 8.8E-09	U	µCi/mL	GP
1	Gross alpha	8.5E-09 ± 1.7E-08		µCi/mL	GP
1	Gross alpha	1.0E-08 ± 1.8E-09		µCi/mL	GP
0	Lead-212	4.2E-09 ± 7.*42	U	µCi/mL	GP
0	Manganese-54	7.2E.1OZ 1.72.02	U	µCi/mL	GP
0	Neptunium-239	- 2.0E-09 ± 6.0E-09	U	µCi/mL	GP
0	Nonvolatile beta	1.0E-08 ± 1.7E-09		µCi/mL	GP
0	Nonvolatile beta	1.22.02: 1.8E-09		µCi/mL	GP
0	Potassium-40	3.6E-08 ± 2.2E-08	U	µCi/mL	GP
0	Promethium-144	- 2.0E-09 ± 1.7E-09	U	µCi/mL	GP
0	Promethium-146	1.2E-09 ± 2.4E-09	U	µCi/mL	GP
0	Ruthenium-106	-2.02-$1.22-	U	µCi/mL	GP
0	Sodium-22	1.2E-10* 1.6E-09	U	µCi/mL	GP
0	Thorium-234	3.9E-08 ± 1.3E-07	U	µCi/mL	GP
0	Tin-113	. 1.2E-11 ± 2.2E-09	U	µCi/mL	GP
2	Tritium	3.6E-05 ± 9.7E-07		µCi/mL	GP
0	Yttrium-88	1.3E-09 ± 2.3E-09	U	µCi/mL	GP
0	Zinc-65	- 1.8E-10 ± 4.2E-09	U	µCi/mL	GP
0	Zirconium-95	- 3.4E-10 ± 3.4E-09	U	µCi/mL	GP

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample m: 08/24/94 — Time: 11:30
Depth to water: 51.00 ft (15.54 m) below TOC — pH: 4.4
Water elevation: 272.90 ft (83.18 m) msl
Sp. conductance:: 50 µS/cm — Water temperature: 29.2°C
Turbidity: 1E3 NTU — Air temperature: 29.0°C
No water was evacuated before sampling
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Gross alpha	8.5E-09 ± 1.6E-09		µCi/mL	GP
0	Nonvolatile beta	1.6E-08 ± 2.1E-09		µCi/mL	GP
2	Tritium	4.6E-05 ± 1.1E-06		µCi/mL	GP

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/94 — Time: 9:30
Depth to water: 49.00 ft (14.94 m) below TOC — pH: 4.7
Water elevation: 273.50 ft (83.36 m) msl
Sp. conductance: 71 µS/cm — Water temperature: 22.4°C
Turbidity: 480 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	38,800	/Y	µg/L	WA
2	Cadmium, total recoverable	13	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
2	Iron, total recoverable	86,100	/Y	µg/L	WA
2	Iron, total recoverable	43,000		µg/L	WA
2	Lead, total recoverable	114	/Y	µg/L	WA
2	Manganese, total recoverable	147	/Y	µg/L	WA
0	Mercury, total recoverable	0.86	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
2	Total organic halogens	254	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	5.3E-09 ± 9.4E-09	U	µCi/mL	GP
0	Antimony-124	- 1.3E-09 ± 2.0E-09	U	µCi/mL	GP
0	Antimony-125	- 5.8E-09 ± 5.5E-09	U	µCi/mL	GP
0	Barium-133	1.7E-09 ± 2.4E-09	U	µCi/mL	GP
0	Cerium-144	- 4.3E-09 ± 1.3E-08	U	µCi/mL	GP
0	Cesium-134	4.6E-10* 1.8E-09	U	µCi/mL	GP
0	Cesium-137	1.8E-09 ± 2.0E-09	U	µCi/mL	GP
0	Cesium-137	1.4E-09 ± 1.9E-09	U	µCi/mL	GP
0	Cobalt-57	2.1E-09 ± 1.9E-09	U	µCi/mL	GP
0	Cobalt-58	5.5E-09 ± 3.5E-09	U	µCi/mL	GP
0	Cobalt-60	3.OE-10* 1.8E-09	U	µCi/mL	GP
0	Europium-152	6.0E-09 ± 5.5E-09	U	µCi/mL	GP
0	Europium-154	4.2E-09 ± 3.9E-09	U	µCi/mL	GP
0	Europium-155	-22246 * 7.4E-09	U	µCi/mL	GP
0	Gross alpha	7.1E-09 ± 1.7E-09		µCi/mL	GP
0	Lead-212	4.4E-09 ± 5.9E-09	U	µCi/mL	GP
0	Manganese-54	- 2.6E-09 ± 2.3E-09	U	µCi/mL	GP
0	Neptunium-239	- S.1E.1O*6.SE*	U	µCi/mL	GP
0	Nonvolatile beta	6.1E-09 ± 1.5E-09		µCi/mL	GP
0	Potassium-40	1.8E-09 ± 3.0E-08	U	µCi/mL	GP
0	Promethium-144	- S.7E-10* 1.7E-09	U	µCi/mL	GP
0	Promethium-146	Z3E-10* 2.8E-09	U	µCi/mL	GP
0	Ruthenium-106	- 1.3E-08 ± 1.7E-08	U	µCi/mL	GP
0	Sodium-22	- 1.1 E-10* 1.9E-09	U	µCi/mL	GP
0	Thorium-234	8.0E-08 ± 9.3E-08	U	µCi/mL	GP
0	Tin-113	- 3.0E-10 ± 2.7E-09	U	µCi/mL	GP
2	Tritium	3.1E-05 ± 9.0E-07		µCi/mL	GP
0	Yttrium-88	- 2.2E-10 ± 2.1E-09	U	µCi/mL	GP
0	Zinc-65	2.62-11 • 3.8E-09	U	µCi/mL	GP
0	Zirconium-95	1.5E-09 ± 3.8E-09	U	µCi/mL	GP

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/94 — Time: 13:00
Depth to water: 28.00 ft (8.53 m) below TOC — pH: 6.1
Water elevation: 262.20 ft (79.92 m) msl
Sp. conductance: 71 µS/cm — Water temperature: 25.7°C
Turbidity: 1E3 NTU — Air temperature: 30.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	86,500	/Y	µg/L	WA
2	Aluminum, total recoverable	48,300		µg/L	WA
0	Cadmium, total recoverable	<10	/Y	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	/Y	µg/L	WA
2	Iron, total recoverable	245,000	/Y	µg/L	WA
2	Iron, total recoverable	118.OW		µg/L	WA
2	Lead, total recoverable	150	/Y	µg/L	WA
2	Manganese, total recoverable	1,120	/Y	µg/L	WA
0	Mercury, total recoverable	0.66	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
0	Total organic halogens	31	/Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	2.5E-08 ± 2.6E-08	U	µCi/mL	GP
0	Antimony-124	- 2.4E-10 ± 2.2E-09	U	µCi/mL	GP
0	Antimony-125	1.2E-09 ± 4.8E-09	U	µCi/mL	GP
0	Barium-133	- 26E-10*24E-	U	µCi/mL	GP
0	Cerium-144	. 7.3246:1.6246	U	µCi/mL	GP
0	Cesium-134	1.5E-10 ± 2.3E-09	U	µCi/mL	GP
0	Cesium-137	2.8E-09 ± 3.3E-09	U	µCi/mL	GP
0	Cobalt-57	5.5E-10 ± 1.8E-09	U	µCi/mL	GP
0	Cobalt-58	8.7E-10 ± 2.1E-09	U	µCi/mL	GP
0	Cobalt-60	S1E-10*2H	U	µCi/mL	GP
0	Europium-152	21246:6.3246	U	µCi/mL	GP
0	Europium-154	- 2.4E-09 ± 4.0E-09	U	µCi/mL	GP

WELL HTF 17 collected on 08/17/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Europium-155	4.0E-09 ± 7.6E-09	U	µCi/mL	GP
2	Gross alpha	3.0E-08 * 3.3E-09		µCi/mL	GP
0	Lead-212	9.5E-09 ± 5.7E-09	U	µCi/mL	GP
0	Manganese-54	7.3E-10 ± 2.0E-09	U	µCi/mL	GP
0	Neptunium-239	3.62.00:262-	U	µCi/mL	GP
2	Nonvolatile beta	57246: 3.2E-09		µCi/mL	GP
0	Potassium-40	2.3E-08 • 2.3E-08	U	µCi/mL	GP
0	Promethium-144	1.4E-09 ± 1.8E-09	U	µCi/mL	GP
0	Promethium-146	2OE-10 • 2.7E-09	U	µCi/mL	GP
0	Ruthenium-106	-4.02-02 ± 1.7E-08	U	µCi/mL	GP
0	Sodium-22	- 8.2E-10 ± 1.6E-09	U	µCi/mL	GP
0	Thorium-234	1.4E-08 ± 1.2E-07	U	µCi/mL	GP
0	Tin-113	4.2E-10 ± 2.6E-09	U	µCi/mL	GP
2	Tritium	4.2E-05 ± 1.0E-06		µCi/mL	GP
0	Yttrium-88	- 9.0E-10 ± 2.4E-09	U	µCi/mL	GP
0	Zinc-65	2.0E-09 ± 5.5E-09	U	µCi/mL	GP
0	Zirconium-95	- 7.6E-10* 3.5E-09	U	µCi/mL	GP

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/94 — Time: 0'40
Depth to water: 53.00 ft (16.15 m) below TOC — pH: 4.5
Water elevation: 270.70 ft (82.51 m) msl
Sp. conductance: 61 µS/cm — Water temperature: 23.5°C
Turbidity: 7 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	2,740	J/DXY/P	µg/L	WA
2	Aluminum, total recoverable	3.360	J/DXY/P	µg/L	WA
0	Cadmium, total recoverable	<2.0	J/IY/P	µg/L	WA
0	Cadmium, total recoverable	<2.0	J/IY/P	µg/L	WA
0	Carbon tetrachloride	<1.0	/Y	µg/L	WA
0	Chloroform	<1.0	N	µg/L	WA
2	Iron, total recoverable	6,760	/ w	µg/L	WA
2	Iron, total recoverable	7,980	/WY	µg/L	WA
2	Iron, total recoverable	8,860		µg/L	WA
0	Lead, total recoverable	4.8	/Y	µg/L	WA
1	Manganese, total recoverable	31	J/IY	µg/L	WA
1	Manganese, total recoverable	36	J/IY	µg/L	WA
0	Mercury, total recoverable	043	/Y	µg/L	WA
0	Tetrachloroethylene	<1.0	/Y	µg/L	WA
2	Total organic halogens	217	J/Y/P	µg/L	WA
0	1,1,1-Trichloroethane	<1.0	/Y	µg/L	WA
0	Trichloroethylene	<1.0	/Y	µg/L	WA
0	Actinium-228	1.22.06 • 6.0E-09	U	µCi/mL	GP
0	Antimony-124	6. EE-10* 2. 1E-09	U	µCi/mL	GP
0	Antimony-125	3.3246: 5.0E-09	U	µCi/mL	GP
0	Barium-133	- 1.5E.1O*27E46	U	µCi/mL	GP
0	Cerium-144	- 1.1E-09 ± 1.4E-08	U	µCi/mL	GP
0	Cesium-134	• 22E-10* 1.9E-09	U	µCi/mL	GP
0	Cesium-137	1.9E-09 ± 2.3E-09	U	µCi/mL	GP
0	Cobalt-57	- 1.4E-09 ± 2.0E-09	U	µCi/mL	GP
0	Cobalt-58	4.8E-09 ± 2.8E-09	U	µCi/mL	GP
0	Cobalt-60	5.2E-10 ± 2.1E-09	U	µCi/mL	GP
0	Europium-152	- 3.3E-09 ± 5.6E-09	U	µCi/mL	GP
0	Europium-154	2.3E-09 ± 3.9E-09	U	µCi/mL	GP
0	Europium-155	- 5.6E-09 ± 8.1E-09	U	µCi/mL	GP
0	Gross alpha	5.2E-09 ± 1.3E-09		µCi/mL	GP
0	Lead-212	2.2E-09 ± 5.6E-09	U	µCi/mL	GP
0	Manganese-54	3.8E-10 ± 2.1E-09	U	µCi/mL	GP
0	Neptunium-239	- 9.3E-10 ± 7.1E-09	U	µCi/mL	GP
0	Nonvolatile beta	5.6E-09 ± 1.2E-09		µCi/mL	GP
0	Potassium-40	2.3E-08 ± 2.5E-08	U	µCi/mL	GP
0	Promethium-144	2OE-10* 1.8E-09	U	µCi/mL	GP
0	Promethium-146	- 2.8E-10 ± 2.1E-09	U	µCi/mL	GP
0	Ruthenium-106	9.0E-09 ± 1.8E-08	U	µCi/mL	GP
0	Sodium-22	7.9E-10 ± 2.1E-09	U	µCi/mL	GP
0	Thorium-234	9.1E-08 ± 9.1E-08	U	µCi/mL	GP
0	Tin-113	- 1.1E-09 ± 2.4E-09	U	µCi/mL	GP
1	Tritium	1.5E-05 ± 8.8E-07		µCi/mL	GP
1	Tritium	1.5E-05 ± 8.9E-07		µCi/mL	GP
0	Yttrium-88	1.6E.1O* 1.9E-09	U	µCi/mL	GP
0	Zinc-65	9.1E-10 ± 5.8E-09	U	µCi/mL	GP
0	Zirconium-95	1.5E-09 ± 3.8E-09	U	µCi/mL	GP

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/94 — Time: 10:30
Depth to water: 55.00 ft (16.76 m) below TOC — pH: 5.0
Water elevation: 299.80 ft (82.24 m) msl
Sp. conductance: 40 µS/cm — Water temperature: 26.0°C
Turbidity: 72 NTU — Air temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	3,670		µg/L	WA
0	Cadmium, total recoverable	< 2 0		µg/L	WA
0	Carbon tetrachlonde	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
z	Iron, total recoverable	6,540		µg/L	WA
2	Iron, total recoverable	4,980		µg/L	WA
0	Lead, total recoverable	11		µg/L	WA
2	Manganese, total recoverable	52		µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Total organic halogens	13		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinum-228	4*.1O* 5.2E-09	UI	µCi/mL	GP
0	Antimony-124	2DE-10* 1.9E-09	UI	µCi/mL	GP
0	Antimony-125	4.9E-09 ± 4.6E-09	UI	µCi/mL	GP
0	Barium-133	3.5E-11 ± 2.4E-09	UI	µCi/mL	GP
0	Cerium-144	- 5.1E-09 ± 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	- 9.1E-10 ± 1.9E-08	UI	µCi/mL	GP
0	Cesium-137	1.9E-09 ± 2.9E-09	UI	µCi/mL	GP
0	Cobalt-57	- 1.EE-10* 1.7E-08	UI	µCi/mL	GP
0	Cobalt-58	- 1.6E-09 ± 1.9E-08	UI	µCi/mL	GP
0	Cobalt-60	1.5E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Europium-152	- 9.0E-11 ± 5.0E-09	UI	µCi/mL	GP
0	Europium-154	2.4E-09 ± 3.4E-09	UI	µCi/mL	GP
0	Europium-155	. 1.5E-09 ± 7.2E-09	UI	µCi/mL	GP
0	Gross alpha	2.4E-09 ± 1.0E-09	J/P	µCi/mL	GP
0	Lead-212	5.9E-10 ± 6.2E-09	UI	µCi/mL	GP
0	Manganese-54	- 2.4E-10* 1.7E-09	UI	µCi/mL	GP
0	Neptunium-239	- 2.OE-10* 6.6E-09	UI	µCi/mL	GP
0	Nonvolatile beta	6.6E-09 ± 1.52.00		µCi/mL	GP
0	Potassium-40	5.5E-09 * 2.7E-08	UI	µCi/mL	GP
0	Promethium-144	1.1E-09 ± 1.7E-09	UI	µCi/mL	GP
0	Promethium-146	- S.2E-11 ● 2.3E-09	UI	µCi/mL	GP
0	Ruthenium-106	5.4E-09 ± 1.5E-08	UI	µCi/mL	GP
0	Sodium-22	7XE-10* 1.3E-09	UI	µCi/mL	GP
0	Thorium-234	7.4E-08 ± 1.5E-07	UI	µCi/mL	GP
0	Tin-113	- 2.4E-10 ± 2.1E-09	UI	µCi/mL	GP
1	Tritium	1.0E-05 ± 6.0E-07		µCi/mL	GP
0	Yttrium-88	. 1.2E.1O* 2.0E-09	UI	µCi/mL	GP
0	Zinc-65	- 9.2E-10 ± 3.1E-09	UI	µCi/mL	GP
0	Zirconium-95	7.6E-10 ± 3.5E-09	UI	µCi/mL	GP

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/94 — Time: 10:00
Depth to water: 56.00 ft (17.07 m) below TOC — pH: 4.6
Water elevation: 298.80 ft (81.96 m) msl
Sp. conductance: 50 µS/cm — Water temperature: 28.4°C
Turbidity: 147 NTU — Air temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	94,100		µg/L	WA
2	Aluminum, total recoverable	74400		µg/L	WA
0	Cadmium, total recoverable	<10		µg/L	WA
0	Carbon tetrachlonde	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	213,000		µg/L	WA
2	Iron, total recoverable	124,000		µg/L	WA
2	Lead, total recoverable	152		µg/L	WA
2	Manganese, total recoverable	384		µg/L	WA
2	Mercury, total recoverable	2.8		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
1	Total organic halogens	28		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
o	Trichloroethylene	<1.0		µg/L	WA
0	Actinum-228	1.3E-09 ± 7.3E-09	UI	µCi/mL	GP
0	Antimony-124	- 6.3E-10 ± 2.8E-09	UI	µCi/mL	GP
0	Antimony-125	1.4E-09 ± 5.0E-09	UI	µCi/mL	GP
0	Barium-133	4.0E-10 ± 2.7E-09	UI	µCi/mL	GP
0	Cerium-144	. 1.3E-08 ± 1.4E-08	UI	µCi/mL	GP
0	Cesium-134	2.9E-09 ± 2.4E-09	UI	µCi/mL	GP
0	Cesium-137	2.2E-09 ± 1.5E-09	UI	µCi/mL	GP
0	Cobalt-57	1.6E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Cobalt-58	- 1.4E-09 ± 2.3E-09	UI	µCi/mL	GP
0	Cobalt-60	7.4E-10 ± 2.5E-09	UI	µCi/mL	GP
0	Europium-152	4.5E-09 ± 5.7E-09	UI	µCi/mL	GP
0	Europium-154	5.1E-09 ± 4.1E-09	UI	µCi/mL	GP
0	Europium-155	2.6E-09 ± 6.3E-09	UI	µCi/mL	GP

WELL HTF 20 collected on 08/24/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
2	Gross alpha	1.6E-08 ± 2.4E-09		µCi/mL	GP
0	Lead-212	1.0E-09 ● 9.0E-09	UI	µCi/mL	GP
0	Manganese-54	- 1.5E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Neptunium-239	5.4E-09 ± 7.3E-09	UI	µCi/mL	GP
0	Nonvolatile beta	7.6E-09 ± 1.6E-09		µCi/mL	GP
0	Potassium-40	2.7E-08 ± 2.3E-08	UI	µCi/mL	GP
0	Promethium-144	- 84E-10* 2.0E-09	UI	µCi/mL	GP
0	Promethium-146	2.8E-12 * 2.7E-09	UI	µCi/mL	GP
0	Ruthenium-106	7.5E-09 ± 1.6E-08	UI	µCi/mL	GP
0	Sodium-22	4.S.1O* 2.0E-09	UI	µCi/mL	GP
0	Thorium-234	6.0E-08 ± 9.7E-08	UI	µCi/mL	GP
0	Tin-113	- 5.1E-11 ± 2.6E-09	UI	µCi/mL	GP
1	Tritium	1.6E-05 ● 7. 0E-07		µCi/mL	GP
0	Yttrium-88	3.2E-10* 2.6E-09	UI	µCi/mL	GP
0	Zinc-65	- 3.6E-09 ± 4.9E-09	UI	µCi/mL	GP
0	Zirconium-95	- 1.4E-09 ± 4.0E-09	UI	µCi/mL	GP

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/94 — The: 1035
Inaccessibility or mechanical problem prevented sample collection.

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/94 — Time: 13:00
Depth to water: 58.00 ft (17.68 m) below TOC — pH: 5.6
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 110 µS/cm — Water temperature: 26.3°C
Turbidity: 305 NTU — Au temperature: 24.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	11,200	J/I/P	µg/L	WA
2	Aluminum, total recoverable	10,WO	J/I/P	µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Carbon tetrachlonde	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	12.500	J/V/P	µg/L	WA
2	Iron, total recoverable	10,100	J/V/P	µg/L	WA
2	Iron, total recoverable	10,400		µg/L	WA
0	Lead, total recoverable	3.s	J/X/P	µg/L	WA
0	Lead, total recoverable	4.8	/X/P	µg/L	WA
1	Manganese, total recoverable	32	J/M/P	µg/L	WA
1	Manganese, total recoverable	32	J/M/P	µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
2	Total organic halogens	73		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinum-228	1.2E-09 ± 7.7E-09	UI	µCi/mL	GP
0	Antimony-124	2.3E-10*zIE-	UI	µCi/mL	GP
0	Antimony-125	- 1.1E-09 ± 5.2E-09	UI	µCi/mL	GP
0	Barium-133	7.8E-10 ± 2.8E-09	UI	µCi/mL	GP
0	Cerium-144	1.1E-08 ± 1.5E-08	UI	µCi/mL	GP
0	Cesium-134	3.8E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cesium-137	1.1E-09 ± 1.5E-09	UI	µCi/mL	GP
0	Cesium-137	25E-10* 1.9E-09	UI	µCi/mL	GP
0	Cobalt-57	3.6E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Cobalt-58	1.4E.10*22E-O2	UI	µCi/mL	GP
0	Cobalt-60	- 4.3E-11 ± 1.8E-09	UI	µCi/mL	GP
0	Europium-152	3.2E-10 ± 6.1E-09	UI	µCi/mL	GP
0	Europium-154	3.8E-09 ± 6.6E-09	UI	µCi/mL	GP
0	Europium-155	1.4E-09 ± 6.2E-09	UI	µCi/mL	GP
0	Gross alpha	2.4E-09 ± 1.1E-09	J/P	µCi/mL	GP
0	Lead-212	9.8E-09 ± 4.2E-09	UI	µCi/mL	GP
0	Manganese-54	4.2E-10* 1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	1.1E-08 ± 7.1E-09	UI	µCi/mL	GP
0	Nonvolatile beta	4.4E-09 ± 1.3E-09		µCi/mL	GP
0	Potassium-40	1.6E-08 ± 2.3E-08	UI	µCi/mL	GP
0	Promethium-144	. 3.2E.1O* 1.9E-09	UI	µCi/mL	GP
0	Promethium-146	7.*-10* 2.6E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 3.2E-09 ± 1.8E-08	UI	µCi/mL	GP
0	Sodium-22	1.1E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Thorium-234	1.2247* 1.2E-07	UI	µCi/mL	GP
0	Tin-113	2.2E-09 ± 2.7E-09	UI	µCi/mL	GP
0	Tritium	5.2E-06 ± 5.0E-07		µCi/mL	GP
0	Yttrium-88	4.2E-10* 2.2E-09	in	µCi/mL	GP
0	Zinc-65	2OE-10* 3.7E-09	UI	µCi/mL	GP
0	Zirconium-95	- 2.4E-10 ± 3.3E-09	UI	µCi/mL	GP

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/94 — Time: 11:00
Depth to water: 60.00 ft (18.29 m) below TOC — pH: 6.1
Water elevation: 274.00 ft (83.52 m) msl
Sp. conductance: 98 µS/cm — Water temperature: 25.7°C
Turbidity: 650 NTU — Air temperature: 24.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	7,700		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	15,400	N	µg/L	WA
2	Iron, total recoverable	11,500		µg/L	WA
0	Lead, total recoverable	10"		µg/L	WA
2	Manganese, total recoverable	120	A	µg/L	WA
0	Mercury, total recoverable	0.40		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
2	Total organic halogens	127		µg/L	WA
2	Total organic halogens	136		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	1.5E-09 ± 6.7E-09	UI	µCi/mL	GP
0	Antimony	1.1E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Antimony-125	- 2.0E-09 ± 5.2E-09	UI	µCi/mL	GP
0	Barium-133	3.4246: 2.3E-09	UI	µCi/mL	GP
0	Cerium-144	- 6.1E-09 ± 1.1E-08	UI	µCi/mL	GP
0	Cesium-134	4.0E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Cesium-137	- 1.4246*1.62*	UI	µCi/mL	GP
0	Cobalt-57	- 3.2E-10* 1.6E-09	UI	µCi/mL	GP
0	Cobalt-58	1.3E.1O* 1.6E-09	UI	µCi/mL	GP
0	Cobalt-60	- 1.9E-11 ± 1.7E-09	UI	µCi/mL	GP
0	Europium-152	- 4.9E-10 ± 4.5E-09	UI	µCi/mL	GP
0	Europium- 54	23E-10* 3.2E-09	UI	µCi/mL	GP
0	Europium-155	- 4.0E-09 ± 6.4E-09	UI	µCi/mL	GP
0	Gross alpha	1.6E-09 ± 9.1E-10	J//P	µCi/mL	GP
0	Lead-212	4.6E-09 • 3.3E-09	UI	µCi/mL	GP
0	Manganese-54	3.2E-10* 1.7E-09	UI	µCi/mL	GP
0	Neptunium-239	- 2.7E-09 ± 5.8E-09	UI	µCi/mL	GP
0	Nonvolatile beta	4.3E-09 • 1.3E-09		µCi/mL	GP
0	Potassium-40	2.0E-08 ± 3.0E-08	UI	µCi/mL	GP
0	Promethium-144	- 1.4E.1O* 1.6E-09	UI	µCi/mL	GP
0	Promethium-146	2.72-11:2.2242	UI	µCi/mL	GP
0	Ruthenium-106	- 4.6E.1O* 1.4E-08	UI	µCi/mL	GP
0	Sodium-a	7.32-11 • 1.8E-09	UI	µCi/mL	GP
0	Thorium-234	1.3E-07 • 9.5E-08	UI	µCi/mL	GP
0	Tin-113	SOE-10*2.4E*	UI	µCi/mL	GP
2	Tritium	2.0E-05 ± 7.6247		µCi/mL	GP
0	Yttrium-88	6.2E-10 ± 2.3E-09	UI	µCi/mL	GP
o	Zinc-65	3.3E-09 ± 3.8E-09	UI	µCi/mL	GP
o	Zirconium-95	- 2.5E-10 ± 3.6E-09	UI	µCi/mL	GP

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/94 — Time: 10:30
Depth to water: 60.00 ft (18.29 m) below TOC — pH: 5.6
Water elevation: 273.90 ft (83.49 m) msl
Sp. conductance: 41 µS/cm — Water temperature: 25.0°C
Turbidity: 902 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	10,900		µg/L	WA
2	Aluminum, total recoverable	8,500		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	15,800	N	µg/L	WA
2	Iron, total recoverable	14,700		µg/L	WA
0	Lead, total recoverable	6.S		µg/L	WA
1	Manganese, total recoverable	36	A	µg/L	WA
0	Mercury, total recoverable	0.s6		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
1	Total organic halogens	24		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	2.0E-09 ± 6.2E-09	UI	µCi/mL	GP
0	Antimony-124	1.3E-09 ± 2.2E-09	UI	µCi/mL	GP
0	Antimony-125	- 1.1E-10 ± 5.1E-09	UI	µCi/mL	GP
0	Barium-133	1.7E-10*26E*	UI	µCi/mL	GP
0	Cerium-144	1.3E-08 ± 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	- 1.5E-09 ± 1.9E-09	UI	µCi/mL	GP
0	Cesium-137	1.9E-10 ± 2.0E-09	UI	µCi/mL	GP
0	Cobalt-57	6.3E-10 ± 2.0E-09	UI	µCi/mL	GP
0	Cobalt-58	-3.2246:2.22-	UI	µCi/mL	GP
0	Cobalt-60	4.s2-11 ± 2.2E-09	UI	µCi/mL	GP
0	Europium-152	5.3E-09 ± ;~u-	UI	µCi/mL	GP
0	Europium-154	1.8E-09 ±	UI	µCi/mL	GP

WELL HTF 24 collected on 08/18/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Europium-155	• 1.5E-09 ± 7.8E-09	UI	µCi/mL	GP
0	Gross alpha	4.5E-09 ± 1.4E-09		µCi/mL	GP
0	Lead-212	1.1E-08 ± 4.0E-09	UI	µCi/mL	GP
0	Manganese-54	S.6E.1O* 1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	- 3.5E-11 ± 7.0E-09	UI	µCi/mL	GP
0	Nonvolatile beta	2.4E-09 ± 1.3E-09	J//P	µCi/mL	GP
0	Potassium-40	2.8E-08 ± 3.4E-08	UI	µCi/mL	GP
0	Promethium-144	S.6E-10* 1.8E-09	UI	µCi/mL	GP
0	Promethium-146	2.3E-09 • 2.6E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 4.1 E-10* 1.7E-08	UI	µCi/mL	GP
0	Sodium-22	5.0E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Thorium-234	3.6E-08 ± 1.8E-07	UI	µCi/mL	GP
0	Tin-113	- 2.2E-09 ± 2.3E-09	UI	µCi/mL	GP
2	Tritium	2.2E-05 ± 8.0E-07		µCi/mL	GP
0	Yttrium-88	1.1E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Zinc-65	2.0E-09 ± 3.7E-09	UI	µCi/mL	GP
0	Zirconium-95	- 6.1E-10 ± 3.6E-09	UI	µCi/mL	GP

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample m: 08/18/94 — Time: 10:00
Depth to water: 60.00 ft (18.29 m) below TOC — pH: 5.3
Water elevation: 274.30 n (83.61 m) msl
Sp. conductance: 45 µS/cm — Water temperature: 25.3°C
Turbidity: 74 NTU — Air temperature: 24.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	3.660		µg/L	WA
2	Aluminum, total recoverable	2,120		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	7,140	N	µg/L	WA
2	Iron, total recoverable	5,780		µg/L	WA
0	Lead, total recoverable	5.6		µg/L	WA
0	Manganese, total recoverable	17	A	µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
2	Total organic halogens	66		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	7.2E-09 ± 7.7E-09	UI	µCi/mL	GP
0	Antimony-124	- 1.0E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Antimony-125	4.5E-09 ± 1.6E-08	UI	µCi/mL	GP
0	Barium-133	6.9E-10 ± 2.7E-09	UI	µCi/mL	GP
0	Cerium-144	- 2.6E-09 ± 1.4E-08	UI	µCi/mL	GP
0	Cesium-134	1.6E-10* 2.2E-09	UI	µCi/mL	GP
0	Cesium-137	1.5E-09 ± 1.9E-09	UI	µCi/mL	GP
0	Cobalt-57	- 1.0E-09 ± 1.8E-09	UI	µCi/mL	GP
0	Cobalt-58	- 1.0E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Cobalt-60	6.9E-11 • zIE.06	UI	µCi/mL	GP
0	Europium-152	- 2.8E-09 ± 5.3E-09	UI	µCi/mL	GP
0	Europium-154	- 1.1E-09 ± 3.7E-09	UI	µCi/mL	GP
0	Europium-155	- 3.4246* 7.8E-09	UI	µCi/mL	GP
0	Gross alpha	1.1 E46*6.2E-10	UI	µCi/mL	GP
0	Lead-212	4.6E-09 ± 7.1E-09	UI	µCi/mL	GP
0	Manganese-54	- 7.3E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Neptunium-239	- 3.2E-09 ± 7.1E-09	UI	µCi/mL	GP
0	Nonvolatile beta	4.7E-09 ± 1.1E-09		µCi/mL	GP
0	Potassium-40	6.62-0s • 2.5E-08	UI	µCi/mL	GP
0	Promethium-144	1.6E-10* 2.0E-09	UI	µCi/mL	GP
0	Promethium-146	1.2E-09 ± 2.5E-09	UI	µCi/mL	GP
0	Ruthenium-106	1.0E-08 ± 1.9E-08	UI	µCi/mL	GP
0	Sodium-22	8.7E-10 ± 2.0E-09	UI	µCi/mL	GP
0	Thorium-234	6.8E-08 ± 1.4E-07	UI	µCi/mL	GP
0	Tin-113	9.42-90 ± 2.6E-09	UI	µCi/mL	GP
2	Tritium	2.0E-05 ± 7.8E-07		µCi/mL	GP
0	Yttrium-88	6.6E-10*26E*	UI	µCi/mL	GP
0	Zinc-65	• 3.7E-10* 3.8E-09	UI	µCi/mL	GP
0	Zirconium-95	1.1E-09 ± 3.9E-09	UI	µCi/mL	GP

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/94 — Time: 9:30
Depth to water: 60.00 ft (18.29 m) below TOC — pH: 5.2
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 57 µS/cm — Water temperature: 26.3°C
Turbidity: 44 NTU — Air temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	4.910		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA

WELL HTF 28 collected on 08/18/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
2	Iron, total recoverable	7,170	N	µg/L	WA
2	Iron, total recoverable	3,920		µg/L	WA
0	Lead, total recoverable	4.4		µg/L	WA
0	Manganese, total recoverable	18	N	µg/L	WA
0	Mercury, total recoverable	0.35		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
2	Total organic halogens	250		µg/L	WA
0	1,1,1-Trichloroethane	2.5		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	1.5E-08 ± 1.1E-08	U	µCi/mL	GP
0	Antimony-124	7.12-90,1 .-	U	µCi/mL	GP
0	Antimony-125	8.3E-10 ± 4.8E-09	U	µCi/mL	GP
0	Barium-133	5.3E-10 ± 2.6E-09	U	µCi/mL	GP
0	Cerium-144	- 8.2E-09 ± 1.3E-08	U	µCi/mL	GP
0	Cesium-134	- 2.0E-09 ± 1.6E-08	U	µCi/mL	GP
0	Cesium-137	- 7.OE-10* 1.5E-09	U	µCi/mL	GP
0	Cobalt-57	- 5.5E-10 ± 1.0E-09	U	µCi/mL	GP
0	Cobalt-58	2.0E-09 ± 2.1E-09	U	µCi/mL	GP
0	Cobalt-60	- 23E-10*21E*	U	µCi/mL	GP
0	Europium-152	- 1.1E-09 ± 4.7E-09	U	µCi/mL	GP
0	Europium-154	- 3.OE.1O* 3.3E-09	U	µCi/mL	GP
0	Europium-155	8.4E-09 ± 6.9E-09	U	µCi/mL	GP
0	Gross alpha	5.2E-09 ± 1.3E-09		µCi/mL	GP
0	Lead-212	1.3E-09 ± 6.9E-09	U	µCi/mL	GP
0	Manganese-54	- S.3E-11 • 1.7E-09	U	µCi/mL	GP
0	Neptunium-239	5.1E-09 ± 6.3E-09	U	µCi/mL	GP
0	Nonvolatile beta	1.3E-08 ± 1.6E-09		µCi/mL	GP
0	Potassium-40	2.7E-08 ± 2.4E-08	U	µCi/mL	GP
0	Promethium-144	3.6E-10 ± 1.6E-09	U	µCi/mL	GP
0	Promethium-146	- 1.0E-09 ± 2.5E-09	U	µCi/mL	GP
1	Ruthenium-106	2.3E-08 ± 1.8E-08	U	µCi/mL	GP
0	Sodium-22	1.4E-09 ± 1.5E-09	U	µCi/mL	GP
0	Thorium-234	- 4.0E-08 ± 8.5E-08	U	µCi/mL	GP
0	Tin-113	1.2E-09 ± 2.4E-09	U	µCi/mL	GP
1	Tritium	1.2E-05 ± 6.4E-07		µCi/mL	GP
1	Tritium	1.1E-05 ± 6.2E-07		µCi/mL	GP
0	Yttrium-88	1.9E-09 ± 2.1E-09	U	µCi/mL	GP
0	Zinc-65	- 2.9E-09 ± 3.9E-09	U	µCi/mL	GP
0	Zirconium-95	- 3.8E-09 ± 3.4E-09	U	µCi/mL	GP

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/94
Depth to water: 56.00 ft (17.07 m) below TOC
Water elevation: 277.10 ft (84.46 m) msl
Sp. conductance: 103 µS/cm
Turbidity: 95 NTU
No water was evacuated before sampling.

Time: 9:30
pH: 3.9

Water temperature: 24.8°C
Air temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	8,120	J/V/P	µg/L	WA
2	Aluminum, total recoverable	8,830	J/V/P	µg/L	WA
0	Cadmium, total recoverable	<2.0	J/I	µg/L	WA
0	Cadmium, total recoverable	<2.0	J/V/P	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	20,000		µg/L	WA
2	Iron, total recoverable	21,500		µg/L	WA
2	Iron, total recoverable	22,800		µg/L	WA
0	Lead, total recoverable	6.0		µg/L	WA
0	Lead, total recoverable	5.3		µg/L	WA
2	Manganese, total recoverable	85		µg/L	WA
2	Manganese, total recoverable	22		µg/L	WA
0	Mercury, total recoverable	0.35		µg/L	WA
0	Mercury, total recoverable	0.33		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
2	Total organic halogens	27		µg/L	WA
0	1,1,1-Trichloroethane	12		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	1.3E-08 ± 7.8E-09	U	µCi/mL	GP
0	Antimony-124	- 3.0E-10 ± 1.9E-09	U	µCi/mL	GP
0	Antimony-125	- 1.0E-09 ± 4.2E-09	U	µCi/mL	GP
0	Barium-133	8.2E-10 ± 2.1E-09	U	µCi/mL	GP
0	Cerium-144	2.7E-09 ± 1.2E-08	U	µCi/mL	GP
0	Cesium-134	1.4E-10 ± 1.6E-09	U	µCi/mL	GP
0	Cesium-137	4.6E-11 ± 1.6E-09	U	µCi/mL	GP
0	Cobalt-57	- 1.0E-09 ± 1.8E-09	U	µCi/mL	GP
0	Cobalt-58	- 2.6E-11 ± 2.4E-09	U	µCi/mL	GP
0	Cobalt-60	3.0E-10 ± 1.8E-09	U	µCi/mL	GP
0	Europium-152	- 8.8E-10 ± 4.6E-09	U	µCi/mL	GP
0	Europium-154	3.3E-10 ± 3.3E-09	U	µCi/mL	GP
0	Europium-155	- 1.7E-09 ± 6.9E-09	U	µCi/mL	GP
0	Gross alpha	6.1E-09 ± 1.6E-09		µCi/mL	GP
0	Lead-212	1.8E-09 ± 3.9E-09	U	µCi/mL	GP
0	Manganese-54	1.2E-09 ± 1.8E-09	U	µCi/mL	GP
0	Neptunium-239	- 7.2E-09 ± 6.3E-09	U	µCi/mL	GP
0	Nonvolatile beta	9.3E-09 ± 1.7E-09		µCi/mL	GP
0	Potassium-40	2.1E-08 ± 3.8E-08	U	µCi/mL	GP
0	Promethium-144	- 1.7E-10 ± 1.8E-09	U	µCi/mL	GP
0	Promethium-146	1.4E-10 ± 1.9E-09	U	µCi/mL	GP
0	Ruthenium-106	5.8E-09 ± 1.5E-08	U	µCi/mL	GP
0	Sodium-22	- 2.0E-09 ± 1.7E-09	U	µCi/mL	GP
0	Thorium-234	4.4E-08 ± 8.3E-08	U	µCi/mL	GP

WELL HTF 27 collected on 08/19/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Tin-113	7.1E-10 ± 1.9E-09	U	µCi/mL	GP
1	Tritium	1.1E-05 ± 6.0E-07		µCi/mL	GP
0	Yttrium-88	2.5E-09 ± 2.0E-09	U	µCi/mL	GP
0	Zinc-65	- 8.1E-10 ± 3.8E-09	U	µCi/mL	GP
0	Zirconium-95	1.0E-08 ± 7.8E-09	J	µCi/mL	GP

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/94
Depth to water: 57.00 ft (17.37 m) below TOC
Water elevation: 276.70 ft (84.34 m) msl
Sp. conductance: 36 µS/cm
Turbidity: 419 NTU
No water was evacuated before sampling

Time: 14:00
pH: 5.0

Water temperature: 23.7°C
Air temperature: 26.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	3,620		µg/L	WA
0	Cadmium, total recoverable	<2.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	6,910	N	µg/L	WA
2	Iron, total recoverable	5,440		µg/L	WA
0	Lead, total recoverable	3.6		µg/L	WA
0	Manganese, total recoverable	17	N	µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Total organic halogens	9.2		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	1.1E-09 ± 6.6E-09	U	µCi/mL	GP
0	Antimony-124	1.1E-09 ± 1.9E-09	U	µCi/mL	GP
0	Antimony-125	- 1.3E-10 ± 4.2E-09	U	µCi/mL	GP
0	Barium-133	- 2.7E-09 ± 2.1E-09	U	µCi/mL	GP
0	Cerium-144	1.6E-09 ± 1.2E-08	U	µCi/mL	GP
0	Cesium-134	2.5E-10* 1.6E-09	U	µCi/mL	GP
0	Cesium-137	4.3E.1O* 1.6E-09	U	µCi/mL	GP
0	Cobalt-57	-4.42-10:1.7242	U	µCi/mL	GP
0	Cobalt-58	1.5E-09 ± 1.9E-09	U	µCi/mL	GP
0	Cobalt-60	2.5E-09 ± 2.4E-09	U	µCi/mL	GP
0	Europium-152	-3.2E-09 ± 4.22-02	U	µCi/mL	GP
0	Europium-154	2.3E-09 ± 3.2E-09	U	µCi/mL	GP
0	Europium-155	6.1E-09 ± 6.4E-09	U	µCi/mL	GP
0	Gross alpha	1.6E-09 ± 9.2E-10	J/P	µCi/mL	GP
0	Lead-212	1.5E-09 ± 5.4E-09	U	µCi/mL	GP
0	Manganese-54	1.2E-09 ± 2.1E-09	U	µCi/mL	GP
0	Neptunium-239	5.5E-09 ± 7.6E-09	U	µCi/mL	GP
0	Nonvolatile beta	3.1E-09 ± 1.3E-09	J/P	µCi/mL	GP
0	Potassium-40	2.0E-08 ± 3.2E-08	U	µCi/mL	GP
0	Promethium-144	8.9E-10 ± 1.6E-09	U	µCi/mL	GP
0	Promethium-146	- 1.7E-10*2.OE.W	U	µCi/mL	GP
0	Ruthenium-106	- 3.1E-09 ± 1.7E-08	U	µCi/mL	GP
0	Sodium-22	2.2E-10*1.7E-	U	µCi/mL	GP
0	Thorium-234	9.2E-08 ± 8.4E-08	U	µCi/mL	GP
0	Th-113	- S.3E-10* 2.0E-09	U	µCi/mL	GP
0	Tritium	9.5E-08 ± 5.6E-07		µCi/mL	GP
0	Yttrium-88	7.EE-10* 1.22.00	U	µCi/mL	GP
0	Zinc-65	- a6E-11 • 4.0E-09	U	µCi/mL	GP
0	Zirconium-95	3.3E-09 ± 3.3E-09	U	µCi/mL	GP

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/94
Depth to water: 58.00 ft (17.68 m) below TOC
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 49 µS/cm
Turbidity: 877 NTU
No water was evacuated before sampling.

Time: 13:30
pH: 5.4

Water temperature: 24.1°C
Air temperature: 26.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	24,200		µg/L	WA
2	Aluminum, total recoverable	9,800		µg/L	WA
0	Cadmium, total recoverable	< 2 0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	37,200	N	µg/L	WA
2	Iron, total recoverable	19,700		µg/L	WA
0	Lead, total recoverable	17		µg/L	WA
2	Manganese, total recoverable	125	N	µg/L	WA
0	Mercury, total recoverable	0.79		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
2	Total organic halogens	159		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	4.0E-09 ± 1.3E-08	U	µCi/mL	GP
0	Antimony-124	- 4.OE-10* 1.9E-09	U	µCi/mL	GP
0	Antimony-125	9.5E-10 ± 5.1E-09	U	µCi/mL	GP

WELL HTF 29 collected on 08/18/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Barium-133	. 1.5E-09 ± 2.5E-09	UI	µCi/mL	GP
0	Cerium-144	- 7.6E.1O* 1.2E-08	UI	µCi/mL	GP
0	Cesium-134	1.4E-09 ± 1.7E-09	UI	µCi/mL	GP
0	Cesium-137	- 1.8E-09 ± 2.0E-09	UI	µCi/mL	GP
0	Cobalt-57	3.6E-10* 1.6E-09	UI	µCi/mL	GP
0	Cobalt-58	2.4E-09 ± 1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	2.5E-09 ± 3.2E-09	UI	µCi/mL	GP
0	Europium-152	1.5E-09 ± 4.5E-09	UI	µCi/mL	GP
0	Europium-154	1.1E-10 ± 3.2E-09	UI	µCi/mL	GP
0	Europium-155	- 5.8E-10 ± 6.3E-09	UI	µCi/mL	GP
0	Gross alpha	3.2E-09 ± 1.2E-09		µCi/mL	GP
0	Lead-212	1.5E-09 ± 5.1E-09	UI	µCi/mL	GP
0	Manganese-54	- 3.9E-10 ± 1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	7.6E-10*S.**	UI	µCi/mL	GP
0	Nonvolatile beta	8.6E-09 ± 1.7E-09		µCi/mL	GP
0	Potassium-40	2.7E-08 ± 2.2E-08	UI	µCi/mL	GP
0	Promethium-144	- 3.3E-10 ± 1.5E-09	UI	µCi/mL	GP
0	Promethium-146	3.1E-09 ± 2.8E-09	UI	µCi/mL	GP
0	Ruthenium-106	4.1E-09 ± 1.6E-08	UI	µCi/mL	GP
0	Sodium-22	4.2E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Thorium-234	4.9E-08 ± 1.0E-07	UI	µCi/mL	GP
0	Tin-113	1.2246* 2.6E-09	UI	µCi/mL	GP
1	Tritium	1.9E-05 ± 7.62-07		µCi/mL	GP
0	Yttrium-88	4.6E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Zinc-65	- 5.8E-10 ± 3.5E-09	UI	µCi/mL	GP
0	Zirconium-95	3.9E-09 ± 3.8E-09	UI	µCi/mL	GP

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/94
Depth to water: 52.00 ft (15.85 m) below TOC
Water elevation: 275.70 ft (84.03 m) msl
Sp. conductance: 67 µS/cm
Turbidity: 10 NTU
No water was evacuated before sampling

Time: 9:00
pH: 5.3

Water temperature: 25.7°C
Air temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	1.310		µg/L	WA
2	Aluminum, total recoverable	1,710		µg/L	WA
0	Cadmium, total recoverable	<2.0	A	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	3,760		µg/L	WA
0	Lead, total recoverable	< a o		µg/L	WA
0	Manganese, total recoverable	16		µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
1	Total organic halogens	30		µg/L	WA
0	1,1,1-Trichloroethane	8.4		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	4.7E-09 ± 6.8E-09	UI	µCi/mL	GP
0	Antimony-124	2.3E-09 ± 3.2E-09	UI	µCi/mL	GP
0	Antimony-125	2.5E-09 ± 4.7E-09	UI	µCi/mL	GP
0	Barium-133	- 6.5E-10 ± 2.3E-09	UI	µCi/mL	GP
0	Cerium-144	1.3246: 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	• 6.8E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cesium-137	- 1.6E-10* 1.7E-09	UI	µCi/mL	GP
0	Cobalt-57	1.2E.1O* 1.7E-09	UI	µCi/mL	GP
0	Cobalt-58	3.7E-10 ± 1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	- 1.3E-10* 1.6E-09	UI	µCi/mL	GP
0	Europium-152	1.5E-09 ± 4.7E-09	UI	µCi/mL	GP
0	Europium-154	- o.3E-10* 3.3E-09	UI	µCi/mL	GP
0	Europium-155	. 1.3E-09 ± 6.5E-09	UI	µCi/mL	GP
0	Gross alpha	1.2E-09 ± 7.3E-10	UI	µCi/mL	GP
0	Gross alpha	1.4E-09 ± 7.7E-10	UI	µCi/mL	GP
0	Lead-212	8.3E-09 ± 3.5E-09	UI	µCi/mL	GP
0	Manganese-54	1.2E-09 ± 1.62.0s	UI	µCi/mL	GP
0	Neptunium-239	- 1.2E-09 ± 6.6E-09	UI	µCi/mL	GP
0	Nonvolatile beta	1.9E-08 ± 1.1E-09	UI	µCi/mL	GP
0	Nonvolatile beta	4.7E-10* 1.1E-09	UI	µCi/mL	GP
0	Potassium-40	1.2E-09 ± 3.4E-08	UI	µCi/mL	GP
0	Promethium-144	1.1E-08 ± 1.7E-09	UI	µCi/mL	GP
0	Promethium-146	1.3E-09 ± 2.4E-09	UI	µCi/mL	GP
0	Ruthenium-106	- 3.2E-09 ± 1.7E-08	UI	µCi/mL	GP
0	Sodium-22	7.6E.1O* 1 .4E-09	UI	µCi/mL	GP
0	Thorium-234	4.7E-08 ± 8.3E-08	UI	µCi/mL	GP
0	Tin-113	- 1.5E-09 ± 2.5E-09	UI	µCi/mL	GP
1	Tritium	1.0E-05 ± 6.0E-07		µCi/mL	GP
0	Yttrium-88	- 1.7E-09 ± 2.4E-09	UI	µCi/mL	GP
0	Zinc-65	- 6.7E-10 ± 3.9E-09	UI	µCi/mL	GP
0	Zirconium-95	- 6.0E-10 ± 3.1E-09	UI	µCi/mL	GP

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/94
Depth to water: 54.00 ft (16.46 m) below TOC
Water elevation: 275.10 ft (83.85 m) msl
Sp. conductance: 44 µS/cm
Turbidity: 14 NTU
No water was evacuated before sampling.

Time" 10:00
pH: 4.3

Water temperature: 244°C
Air temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	1,880		µg/L	WA
2	Aluminum, total recoverable	1,620		µg/L	WA
0	Cadmium, total recoverable	<2.0	A	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
2	Iron, total recoverable	4.660		µg/L	WA
2	Iron, total recoverable	5,080		µg/L	WA
0	Lead, total recoverable	<3.0		µg/L	WA
0	Manganese, total recoverable	5.9		µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
1	Total organic halogens	34		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
2	Trichloroethylene	18		µg/L	WA
0	Actinium-228	4.4E-09 ± 6.3E-09	UI	µCi/mL	GP
0	Antimony-124	4.6E-11 • 1.9E-09	UI	µCi/mL	GP
0	Antimony-125	o2E-10*4.7E-o6	UI	µCi/mL	GP
0	Barium-133	- 1.2E-09 • 2.4E-09	UI	µCi/mL	GP
0	Cerium-144	. 2.4E-09 ± 1.3E-08	UI	µCi/mL	GP
0	Cesium-134	1.0E-09 ± 1.6E-09	UI	µCi/mL	GP
0	Cesium-137	- 7.2E-10 • 1.8E-09	UI	µCi/mL	GP
0	Cobalt-57	- 23E-10* 1.7E-09	UI	µCi/mL	GP
0	Cobalt-58	2.1E-09 ± 1.9E-09	UI	µCi/mL	GP
0	Cobalt-60	2.0E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Europium-152	1.1 E.10*4.9E46	UI	µCi/mL	GP
0	Europium-154	. S.6E-10* 3.4E-09	UI	µCi/mL	GP
0	Europium-155	- 3.7E-09 ± 7. 1E-09	UI	µCi/mL	GP
0	Gross alpha	6.9E-10 ± 7.0E-10	UI	µCi/mL	GP
0	Lead-212	7.9E-09 ± 3.7E-09	UI	µCi/mL	GP
0	Manganese-54	3.6E-10: 1.8E-09	UI	µCi/mL	GP
0	Neptunium-239	• 4.9E-09 ± 6.5E-09	UI	µCi/mL	GP
0	Nonvolatile beta	- 5.7E-11 ± 1.0E-09	UI	µCi/mL	GP
0	Potassium-40	1.7E-08 ± 2.1E-08	UI	µCi/mL	GP
0	Promethium-144	- 7.2E-10: 1.8E-09	UI	µCi/mL	GP
0	Promethium-146	1.3E-09 ± 2.1E-09	UI	µCi/mL	GP
0	Ruthenium-106	. 1.3E-08 ± 1.7E-08	UI	µCi/mL	GP
0	Sodium-22	- 2.2E-10 ± 1.7E-09	UI	µCi/mL	GP
0	Thorium-234	1.42.07 • 1.9E-07	UI	µCi/mL	GP
0	Tin-113	6.5E-10 ± 2.2E-09	UI	µCi/mL	GP
0	Tritium	9.7E-06 ± 5.8E-07		µCi/mL	GP
0	Yttrium-88	- 1.7E-09 • 2.2E-09	UI	µCi/mL	GP
0	Zinc-65	6.7E-09 ± 6.2E-09	UI	µCi/mL	GP
0	Zirconium-95	1.0E-09 ± 3.2E-09	UI	µCi/mL	GP

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample m: 08/17/94
Depth to water: 29.00 ft (8.84 m) below TOC
Water elevation: 276.50 ft (84.28 m) msl
Sp. conductance: 68 µS/cm
Turbidity: 6s NTU
No water was evacuated before sampling

Time: 9:50
pH: 5.3

Water temperature: 27.9°C
Air temperature: 27.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	17,800	J/I/P	µg/L	WA
2	Aluminum, total recoverable	16,700	J/I/P	µg/L	WA
2	Aluminum, total recoverable	8,970		µg/L	WA
2	Cadmium, total recoverable	6.7		µg/L	WA
2	Cadmium, total recoverable	6.4		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
0	Chromium, total recoverable	24		µg/L	WA
0	Chromium, total recoverable	23		µg/L	WA
2	Iron, total recoverable	43,600	J/I/P	µg/L	WA
2	Iron, total recoverable	42,400	J/I/P	µg/L	WA
2	Iron, total recoverable	29,100		µg/L	WA
0	Lead, total recoverable	1s	J/I	µg/L	WA
0	Lead, total recoverable	16	J/I	µg/L	WA
2	Manganese, total recoverable	210		µg/L	WA
2	Manganese, total recoverable	200		µg/L	WA
0	Mercury, total recoverable	<0.20		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
1	Total organic halogens	46		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Actinium-228	2.2E-09 ± 7.1E-09	UI	µCi/mL	GP
0	Actinium-228	4.62-06: 6.8E-09	UI	µCi/mL	GP
0	Antimony-124	1.8E-10 ± 2.1E-09	UI	µCi/mL	GP
0	Antimony-124	3.2246: 5.2E-09	UI	µCi/mL	GP
0	Antimony-125	2.0E-09 ± 4.7E-09	UI	µCi/mL	GP

WELL HTF 34 collected on 08/17/94, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Antimony-125	4.5E-10 ± 5.1E-09	U	µCi/mL	GP
0	Barium-133	7.7E-10 ± 2.4E-09	U	µCi/mL	GP
0	Barium-133	2.1E-10 ± 2.3E-09	U	µCi/mL	GP
0	Cerium-144	1.4E-09 ± 1.2E-08	U	µCi/mL	GP
0	Cerium-144	7.8E-09 ± 1.5E-08	U	µCi/mL	GP
0	Cesium-134	1.8E-09 ± 1.9E-09	U	µCi/mL	GP
0	Cesium-134	1.1 E-10; 1.9E-09	U	µCi/mL	GP
0	Cesium-137	4.4E-10; 1.7E-	U	µCi/mL	GP
0	Cesium-137	1.OE.1O* 1.8E-09	U	µCi/mL	GP
0	Cobalt-57	1.3E-10 ± 1.2242	U	µCi/mL	GP
0	Cobalt-57	2.22-12* 1.8E-09	U	µCi/mL	GP
0	Cobalt-58	4.4E-10* 1.9E-09	U	µCi/mL	GP
0	Cobalt-58	2.3E-09 ± 4.7E-09	U	µCi/mL	GP
0	Cobalt-60	1.9E-09 ± 1.4E-09	U	µCi/mL	GP
0	Cobalt-60	5.EE-10* 1.7E-09	U	µCi/mL	GP
0	Europium-152	6.5E-10 ± 4.7E-09	U	µCi/mL	GP
0	Europium-152	1.1E-09 ± 4.7E-09	U	µCi/mL	GP
0	Europium-154	2.0E-09 ± 3.9E-09	U	µCi/mL	GP
0	Europium-154	6.8E-09 ± 7.2E-09	U	µCi/mL	GP
0	Europium-155	3.32-:7.4242	U	µCi/mL	GP
0	Europium-155	1.9E-09 ± 8.8E-09	U	µCi/mL	GP
0	Gross alpha	3.1E-09 ± 1.2E-08		µCi/mL	GP
0	Lead-212	1.7242± 5.7E-09	U	µCi/mL	GP
0	Lead-212	5.8E-09 ± 3.8E-09	U	µCi/mL	GP
0	Manganese-54	1.7E-09 : 1 . -	U	µCi/mL	GP
0	Manganese-54	23E-10* 2.2E-09	U	µCi/mL	GP
0	Neptunium-239	3.5E-09 ± 7.8E-09	U	µCi/mL	GP
0	Neptunium-239	1.3E-09 ± 1.1E-08	U	µCi/mL	GP
0	Nonvolatile beta	4.02-:1.3242		µCi/mL	GP
0	Potassium-40	1.1E-08 ± 3.0E-08	U	µCi/mL	GP
0	Potassium-40	2.9E-08 ± 2.3E-08	U	µCi/mL	GP
0	Promethium-144	21 E-10± 1.7E-09	U	µCi/mL	GP
0	Promethium-144	1.0E-09 ± 2.1E-09	U	µCi/mL	GP
0	Promethium-146	1.5E-09 ± 2.3E-09	U	µCi/mL	GP
0	Promethium-146	21 E-10* 21E9W	U	µCi/mL	GP
0	Ruthenium-106	8.8E-09 ± 1.7E-08	U	µCi/mL	GP
0	Ruthenium-106	7.1E-09 ± 1.9E-08	U	µCi/mL	GP
0	Sodium-22	1.5E42*2-	U	µCi/mL	GP
0	Sodium-22	23E-10*2.OE-	U	µCi/mL	GP
0	Thorium-234	7.1E-08 ± 1.7E-07	U	µCi/mL	GP
0	Thorium-234	3.0242:2.22E-08	U	µCi/mL	GP
0	Tin-113	2.3E-09 ± 3.8E-09	U	µCi/mL	GP
0	Tin-113	1.3E-09 ± 3.5E-09	U	µCi/mL	GP
0	Tritium	5.8E-06 ± 5.0E-07		µCi/m	GP
0	Yttrium-88	3.3E-10 ± 2.2E-09	U	µCi/mL	GP
0	Yttrium-88	1.1E-09 ± 3.3E-09	U	µCi/mL	GP
0	Zinc-65	1.8E-09 ± 3.5E-09	U	µCi/mL	GP
0	Zinc-65	1.3240:4.224-09	U	µCi/mL	13P
0	Zirconium-95	-2242:4.4242	U	µCi/mL	GP
0	Zirconium-95	8.4E-09 ± 8.7E-09	U	µCi/mL	GP

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/94
Depth to water: 77.74 ft (23.70 m) below TOC
Water elevation: 248.86 ft (75.24 m) msl
Sp. conductance: 21 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling: 100 gal
Time: 13:37
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.6°C
Air temperature: 35.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	42	/Y	µg/L	WA

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/94
Depth to water: 75.88 ft (23.12 m) below TOC
Water elevation: 247.34 ft (75.39 m) msl
Sp. conductance: 19 µS/cm
Turbidity: 8 NTU
Water evacuated before sampling: 282 gal
Time: 10:39
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.6°C
Air temperature: 28.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	653		µg/L	WA

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/94
Depth to water: 52.89 ft (16.12 m) below TOC
Water elevation: 253.31 ft (77.21 m) msl
Sp. conductance: 32 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling: 102 gal
Time: 9:17
pH: 4.7
Alkalinity: 0 me/L
Water temperature: 20.0°C
Air temperature: 23.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	30	/Y	µg/L	WA
1	Iron, total recoverable	153	/Y	µg/L	WA
0	Manganese, total recoverable	2.4	/Y	µg/L	WA
2	Tritium	3.0E-05 ± 8.8E-07	/Y	µCi/mL	GP

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/94
Depth to water: 49.71 ft (15.15 m) below TOC
Water elevation: 254.69 ft (77.63 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling: 95 gal
Time: 10:43
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.0°C
Air temperature: 30.6°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	54	/Y	µg/L	WA
0	Iron, total recoverable	132	/Y	µg/L	WA
0	Manganese, total recoverable	2.3	/Y	µg/L	WA
0	Tritium	2.6E-06 ± 4.3E-07		µCi/mL	GP
0	Tritium	2.9E-06 ± 4.4E-07	/Y	µCi/mL	GP

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/94
Depth to water: 50.08 ft (15.26 m) below TOC
Water elevation: 254.12 ft (77.48 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling: 94 gal
Time: 10:01
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.5°C
Air temperature: 28.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	22	/Y	µg/L	WA
0	Iron, total recoverable	14	/Y	µg/L	WA
0	Manganese, total recoverable	<2.0	/Y	µg/L	WA
0	Tritium	3.1E-08 ± 4.4E-07	/Y	µCi/mL	GP

WELL HXB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/94
Depth to water: 52.78 ft (16.09 m) below TOC
Water elevation: 254.22 ft (77.49 m) msl
Sp. conductance: 208 µS/cm
Turbidity: 7 NTU
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 8:40
pH: 6.2
Alkalinity: 13 mg/L
Water temperature: 24.7°C
Air temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	207		µg/L	WA
2	Iron, total recoverable	312		µg/L	WA
0	Manganese, total recoverable	13		µg/L	WA
1	Tritium	1.4E-05 ± 8.8E-07		µCi/mL	GP

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/95 — Time 940
Depth to water 10.00 ft (3.05 m) below TOC — pH 6.9
Water elevation 272.00 ft (62.91 m) msl
Sp. conductance 262 µS/cm — Water temperature 17.6°C
Turbidity 154 NTU — Air temperature 11.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	7 1	J/QY/L	pH	GE
0	Specific conductance	219	/Y	µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
2	Cadmium, total recoverable	8.5		µg/L	GE
0	Carbon tetrachloride	<1 7	/OY	µg/L	GE
0	Chloroform	<1 7	/OY	µg/L	GE
2	Iron, total recoverable	13,400		µg/L	GE
2	Lead, total recoverable	206		µg/L	GE
2	Manganese, total recoverable	462		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1 7	/OY	µg/L	GE
1	Total organic carbon	5.150	/Y	µg/L	GE
0	Total organic halogens	14	/Y	µg/L	GE
0	1,1,1-Trichloroethane	<1.7	/OY	µg/L	GE
0	Trichloroethylene	<1 7	/OY	µg/L	GE
0	Gross alpha	2.6E-09±1 1E-09		µCi/mL	GP
0	Nonvolatile beta	5.9E-09±1.5E-09		µCi/mL	GP
2	Tritium	2.5E-05±9.8E-07		µCi/mL	GP

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/9S — Time: 10:00
Depth to water 6.00 ft (1.83 m) below TOC — pH: 6.7
Water elevation 275.80 ft (84.06 m) msl
Sp. conductance 214 µS/cm — Water temperature: 17.8°C
Turbidity 261 NTU — Air temperature: 11.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6 4	J/Q/L	pH	GE
0	pH	6.5	J/QY/L	pH	GE
0	Specific conductance	137		µS/cm	GE
0	Specific conductance	137	/Y	µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
2	Cadmium, total recoverable	26		µg/L	GE
0	Carbon tetrachloride	<1.7	/OY	µg/L	GE
0	Chloroform	<1 7	/OY	µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
2	Iron, total recoverable	24,800		µg/L	GE
2	Lead, total recoverable	113		µg/L	GE
2	Manganese, total recoverable	984		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1.7	/OY	µg/L	GE
1	Total organic carbon	6.970	/Y	µg/L	GE
0	Total organic halogens	<8.3	/Y	µg/L	GE
0	1,1,1-Trichloroethane	<1.7	/OY	µg/L	GE
0	Trichloroethylene	<1.7	/OY	µg/L	GE
0	Gross alpha	2.2E-09±1 1E-09		µCi/mL	GP
0	Nonvolatile beta	2.9E-09±1.3E-09		µCi/mL	GP
2	Tritium	2.5E-05±1.0E-06		µCi/mL	GP

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/95 — Time: 10:30
Depth to water 4.00 ft (1.22 m) below TOC — pH: 6.9
Water elevation 276.70 ft (84.34 m) msl
Sp. conductance 282 µS/cm — Water temperature: 14.7°C
Turbidity: 168 NTU — Air temperature: 11.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	7.5	J/QY/L	pH	GE
0	Specific conductance	234	/Y	µS/cm	GE
0	Aluminum, total recoverable	21	J/E	µg/L	GE
2	Cadmium, total recoverable	20		µg/L	GE
0	Carbon tetrachloride	<1.7	/OY	µg/L	GE
0	Chloroform	<1.7	/OY	µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
2	Iron, total recoverable	4,850		µg/L	GE
2	Lead, total recoverable	288		µg/L	GE
2	Manganese, total recoverable	145		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1.7	/OY	µg/L	GE

WELL HTF 3 collected on 01/17/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
1	Total organic carbon	9.7s0	/Y	µg/L	GE
O	Total organic halogens	15	/Y	µg/L	GE
O	1,1,1-Trichloroethane	<1 7	/OY	µg/L	GE
0	Trichloroethylene	<1 7	/OY	µg/L	GE
0	Gross alpha	2.4E-09±1.2E-09		µCi/mL	GP
1	Nonvolatile beta	4.7E-06±3 1E-09		µCi/mL	GP
1	Tritium	1.8E-05±8.6E-07		µCi/mL	GP

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE *FIELD*

Sample m// 01/17/95 — Time: 9:15
Depth to water: 7.00 ft (2.13 m) below TOC — pH 7.0
Water elevation 275.90 ft (84 10 m) msl
Sp. conductance 118 µS/cm — Water temperature 17.2°C
Turbidity 310 NTU — Air temperature 11.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.5	J/QY/L	pH	GE
0	Specific conductance	81	/Y	µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
2	Cadmium, total recoverable	56		µg/L	GE
0	Carbon tetrachloride	<1.7	/OY	µg/L	GE
0	Chloroform	<1.7	/OY	µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
2	Iron, total recoverable	17,600		µg/L	GE
2	Lead, total recoverable	186		µg/L	GE
2	Manganese, total recoverable	629		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1.7	/OY	µg/L	GE
0	Total organic carbon	2,700	/Y	µg/L	GE
0	Total organic halogens	24	/Y	µg/L	GE
0	1,1,1-Trichloroethane	<1.7	/OY	µg/L	GE
0	Trichloroethylene	<1.7	/OY	µg/L	GE
0	Gross alpha	1.2E-09±7.5E-10		µCi/mL	GP
0	Nonvolatile beta	1.8E-09±1.3E-09	UI	µCi/mL	GP
2	Tritium	2.5E-05±9.9E-07		µCi/mL	GP

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/95 — Time: 11:00
Depth to water: 27.00 ft (8.23 m) below TOC — pH: 6.9
Water elevation: 278.80 ft (84.96 m) msl
Sp. conductance: 45 µS/cm — Water temperature: 23.3°C
Turbidity: 195 NTU — Air temperature: 14.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5 4	J/Q/L	pH	GE
0	pH	5.7	J/QY/L	pH	GE
0	Specific conductance	40	/Y	µS/cm	GE
2	Aluminum, total recoverable	364		µg/L	GE
1	Cadmium, total recoverable	4.8		µg/L	GE
0	Carbon tetrachloride	<1.7	/OY	µg/L	GE
0	Chloroform	<1.7	/OY	µg/L	GE
0	Chromium, total recoverable	<6.7		µg/L	GE
1	Iron, total recoverable	209		µg/L	GE
0	Lead, total recoverable	21		µg/L	GE
2	Manganese, total recoverable	143		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1.7	/OY	µg/L	GE
0	Total organic carbon	1,460	J/EY	µg/L	GE
1	Total organic halogens	31	/Y	µg/L	GE
0	1,1,1-Trichloroethane	*1.7	/OY	µg/L	GE
0	Trichloroethylene	<1.7	/OY	µg/L	GE
0	Gross alpha	3.2E-09±1 4E-09		µCi/mL	GP
2	Nonvolatile beta	2.3E-07±6.4E-09		µCi/mL	GP
2	Tritium	3.1E-05±1.1E-06		µCi/mL	GP

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/17/95 Time 11:20
Depth to water: 27.oo ft (8.23 m) below TOC pH 6.3
Water elevation: 27840 ft (84.86 m) msl
Sp. conductance 56 µS/cm Water temperature: 22.1°C
Turbidity: 373 NTU Air temperature: 14 4°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.2	J/QY/L	pH	GE
0	Specific conductance	48		µS/cm	GE
0	Specific conductance	48	/Y	µS/cm	GE
2	Aluminum, total recoverable	4.070		µg/L	GE
2	Cadmium, total recoverable	9.3		µg/L	GE
0	Carbon tetrachloride	<1 7	/Y	µg/L	GE
0	Chloroform	<1 7	/Y	µg/L	GE
0	Chromium, total recoverable	<6 7		µg/L	GE
2	Iron, total recoverable	619		µg/L	GE
1	Lead, total recoverable	45		µg/L	GE
2	Manganese, total recoverable	363		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1 7	/Y	µg/L	GE
0	Total organic carbon	3,680		µg/L	GE
0	Total organic carbon	4,290	/Y	µg/L	GE
1	Total organic halogens	40	J/CY	µg/L	GE
0	1,1,1-Trichloroethane	<1 7	/Y	µg/L	GE
0	Trichloroethylene	<1 7	/Y	µg/L	GE
1	Gross alpha	1 1E+97E-10		µCi/mL	GP
1	Gross alpha	1.3E-08±1 0E-09		µCi/mL	GP
0	Nonvolatile beta	1 4E-08±9 7E-10		µCi/mL	GP
0	Nonvolatile beta	1.5E46*96E.1O		µCi/mL	GP
2	Tritium	2.3E-05±9.5E-07		µCi/mL	GP
2	Tritium	2.3E+94E47		µCi/mL	GP

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/95 Time: S.30
Depth to water 30.00 ft (9.14 m) below TOC pH: 5.7
Water elevation 275.30 ft (83.91 m) msl
Sp conductance 99 µS/cm Water temperature: 18.5°C
Turbidity 160 NTU Air temperature: 15.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	J/Q/L	pH	GE
0	Specific conductance	84		µS/cm	GE
2	Aluminum, total recoverable	91	J/E	µg/L	GE
0	Cadmium, total recoverable	<20		µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
2	Iron, total recoverable	110,000		µg/L	GE
0	Lead, total recoverable	22		µg/L	GE
2	Manganese, total recoverable	1,290		µg/L	GE
0	Mercury, total recoverable	0.12	J/E	µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Total organic carbon	4,690		µg/L	GE
0	Total organic halogens	21	J/C	µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
0	Gross alpha	-1.0E-07±4.3E-09	UI	µCi/mL	GP
2	Nonvolatile beta	1 1E-05±4.2E-08		µCi/mL	GP
2	Tritium	2.1E-05±1 6E-06		µCi/mL	GP

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/95 Time 9:55
Depth to water: 30.00 ft (9 14 m) below TOC pH: 5.7
Water elevation 275.70 ft (84.03 m) msl
Sp conductance 87 µS/cm Water temperature: 18.2°C
Turbidity 66 NTU Air temperature: 15.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	OH	4 6	J/Q/L	pH	GE
0	OH	4.6	J/Q/L	pH	GE
0	Specific conductance	75		µS/cm	GE
2	Aluminum total recoverable	473		µg/L	GE
2	Aluminum, total recoverable	472		µg/L	GE
0	Barium, total recoverable	22	/V	µg/L	GE
0	Cadmium, total recoverable	<2.0		µg/L	GE
0	Cadmium total recoverable	0.5s	J/E	µg/L	GE
0	Carbon tetrachloride	<1 7		µg/L	GE

WELL HTF 8 collected on 02/22/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloroform	<1 7		µg/L	GE
0	Chromium, total recoverable	<4 0		µg/L	GE
0	Chromium, total recoverable	<4.0		µg/L	GE
2	Iron, total recoverable	831		µg/L	GE
2	Iron, total recoverable	634		µg/L	GE
2	Lead, total recoverable	85		µg/L	GE
2	Lead, total recoverable	so		µg/L	GE
1	Manganese, total recoverable	37		µg/L	GE
1	Manganese, total recoverable	37		µg/L	GE
0	Mercury, total recoverable	<0.20		µg/L	GE
0	Nickel, total recoverable	2.0	J/E	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	2.500		µg/L	GE
2	Total organic halogens	125	J/C	µg/L	GE
0	1,1,1-Trichloroethane	<1 7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
0	Gross alpha	3.3E-09±1.5E-09		µCi/mL	GP
2	Nonvolatile beta	2.3E-07±6.2E-09		µCi/mL	GP
1	Tritium	1.6E-05±1.3E-06		µCi/mL	GP

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/95 Time 1420
Depth to water: 50.00 ft (15.24 m) below TOC pH: 6,3
Water elevation 274.00 ft (83.52 m) msl
Sp. conductance 78 µS/cm Water temperature 22 4°C
Turbidity 134 NTU Air temperature 15.2°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.9	J/Q/L	pH	GE
0	Specific conductance	64		µS/cm	GE
2	Aluminum, total recoverable	167		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1 7		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
2	Iron, total recoverable	23.500		µg/L	GE
0	Lead total recoverable	18		µg/L	GE
2	Manganese, total recoverable	285		µg/L	GE
1	Mercury, total recoverable	1.3	/I	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	2,720		µg/L	GE
0	Total organic carbon	2,190		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	2.0		µg/L	GE
0	Gross alpha	2.8E-09±1.1E-09		µCi/mL	GP
0	Nonvolatile beta	2.6E-09±1.0E-09		µCi/mL	GP
2	Tritium	5.0E-05±1.8E-06		µCi/mL	GP

WELL HTF 10

MEASUREMEWS CONDUCTED IN THE FIELD

Sample date 02/14/95 Time 14:00
Depth to water: 48.00 ft (14.63 m) below TOC pH 5.9
Water elevation 274.70 ft (83 73 m) msl
Sp. conductance 151 µS/cm Water temperature 19.5°C
Turbidity: 20 NTU Air temperature 134*C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	J/Q/L	pH	GE
0	Specific conductance	99		µS/cm	GE
0	Aluminum, total recoverable	<33		µg/L	GE
2	Cadmium, total recoverable	7.8		µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
2	Iron, total recoverable	34s00		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
2	Manganese, total recoverable	154		µg/L	GE
0	Mercury, total recoverable	0.36	/I	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	2,370		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	1,1,1-Trichloroethane	<1 7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Gross alpha	1.4E-09±9.2E-10	UI	µCi/mL	GP
0	Nonvolatile beta	2.0E-09±1.0E-09		µCi/mL	GP
2	Tritium	5.2E-05±1.9E-06		µCi/mL	GP

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/95
Depth to water: 48.00 ft (14.63 m) below TOC
Water elevation: 274.80 ft (83.76 m) msl
Sp. conductance: 106 µS/cm
Turbidity: 8 NTU
No water was evacuated before sampling

Time: 13:40
pH: 6.1

Water temperature: 20.2°C
Air temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	J/Q/L	pH	GE
0	Specific conductance	65		µS/cm	GE
0	Aluminum, total recoverable	20	J/E	µg/L	GE
2	Cadmium, total recoverable	7 1		µg/L	GE
0	Carbon tetrachloride	<1 7		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
2	Iron, total recoverable	24,100		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
2	Manganese, total recoverable	112		µg/L	GE
1	Mercury, total recoverable	1 3	/I	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	1.s30		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
0	Gross alpha	8.7E-10±6.2E-10	UI	µCi/mL	GP
0	Nonvolatile beta	2.7E-09±1.1E-09		µCi/mL	GP
2	Tritium	5.7E-05±2.1E-06		µCi/mL	GP

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/95
Depth to water: 48.00 ft (14.63 m) below TOC
Water elevation: 274.90 ft (83.79 m) msl
Sp. conductance: 87 µS/cm
Turbidity: 111 NTU
No water was evacuated before sampling.

Time: 14:40
pH: 6.1

Water temperature: 23.2°C
Air temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	J/Q/L	pH	GE
0	Specific conductance	64		µS/cm	GE
2	Aluminum, total recoverable	61		µg/L	GE
2	Cadmium, total recoverable	9.2		µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
2	Iron, total recoverable	26,400		µg/L	GE
0	Lead, total recoverable	9.5		µg/L	GE
2	Manganese, total recoverable	184		µg/L	GE
1	Mercury, total recoverable	1.5	/I	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	1630		µg/L	GE
2	Total organic halogens	66	J/Q/L	µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Gross alpha	1.2E-09±7.6E-10	UI	µCi/mL	GP
0	Nonvolatile beta	9 1E-10±1.0E-09	UI	µCi/mL	GP
2	Tritium	8.8E-05±3.1E-06		µCi/mL	GP
2	Tritium	8.6E-05±3.1E-06		µCi/mL	GP

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/95
Depth to water: 49.00 ft (14.94 m) below TOC
Water elevation: 275.40 ft (83.94 m) msl
Sp. conductance: 155 µS/cm
Turbidity: 102 NTU
No water was evacuated before sampling.

Time: 10:00
pH: 6 6

Water temperature: 20.4°C
Air temperature: 7.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.9	J/Q/L	pH	GE
0	Specific conductance	150		µS/cm	GE
2	Aluminum, total recoverable	1,090		µg/L	GE
0	Barium, total recoverable	1.0s0		µg/L	GE
2	Cadmium, total recoverable	21		µg/L	GE
2	Cadmium, total recoverable	34		µg/L	GE
0	Carbon tetrachloride	33		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
2	Iron, total recoverable	<1 7		µg/L	GE
2	Iron, total recoverable	534		µg/L	GE
2	Lead, total recoverable	530		µg/L	GE
2	Lead, total recoverable	304		µg/L	GE
		409		µg/L	GE

WELL HTF 13 collected on 02/14/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
2	Manganese, total recoverable	163		µg/L	GE
2	Manganese, total recoverable	161		µg/L	GE
0	Mercury, total recoverable	<0.33	n	µg/L	GE
0	Mercury, total recoverable	0.25	J/EI	µg/L	GE
0	Nickel, total recoverable	<6 7		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	<1,670		µg/L	GE
0	Total organic halogens	8.5		µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
2	Gross alpha	1.6E-08±1.7E-09		µCi/mL	GP
0	Nonvolatile beta	1.6E-08±1 1E-09		µCi/mL	GP
2	Tritium	3.3E-05±1 4E-06		µCi/mL	GP

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/95
Depth to water: 50.00 ft (15.24 m) below TOC
Water elevation: 273.90 ft (83.49 m) msl
Sp. conductance: 60 µS/cm
Turbidity: 25 NTU
No water was evacuated before sampling

Time: 10:15
pH: 6.4

Water temperature: 20.8°C
Air temperature: 8.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	J/Q/L	pH	GE
0	Specific conductance	57		µS/cm	GE
2	Aluminum, total recoverable	421		µg/L	GE
2	Aluminum, total recoverable	426		µg/L	GE
0	Barium, total recoverable	31		µg/L	GE
2	Cadmium, total recoverable	7.6		µg/L	GE
2	Cadmium, total recoverable	7.5		µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
2	Iron, total recoverable	2,160		µg/L	GE
2	Iron, total recoverable	2,190		µg/L	GE
2	Lead, total recoverable	123	/V	µg/L	GE
2	Lead, total recoverable	146		µg/L	GE
2	Manganese, total recoverable	160		µg/L	GE
2	Manganese, total recoverable	160		µg/L	GE
0	Mercury, total recoverable	0 40	n	µg/L	GE
0	Nickel, total recoverable	<6.7		µg/L	GE
0	Silver, total recoverable	<3.3		µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Total organic carbon	1.110	J/E	µg/L	GE
1	Total organic halogens	31		µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Gross alpha	2.5E-09±5.9E-10		µCi/mL	GP
0	Nonvolatile beta	5.7E4s*7.6E-10		µCi/mL	GP
2	Tritium	3.4E-05±1.4E-06		µCi/mL	GP

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/95
Depth to water: 48.00 ft (14.63 m) below TOC
Water elevation: 274.50 ft (83.67 m) msl
Sp. conductance: 67 µS/cm
Turbidity: 321 NTU
No water was evacuated before sampling

Time: 11:45
pH: 5.1

Water temperature: 20.4°C
Air temperature: 11.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.2	J/Q/L	pH	GE
0	Specific conductance	64		µS/cm	GE
2	Aluminum, total recoverable	706		µg/L	GE
2	Cadmium, total recoverable	69		µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
1	Iron, total recoverable	213		µg/L	GE
0	Lead, total recoverable	20		µg/L	GE
2	Manganese, total recoverable	69		µg/L	GE
1	Mercury, total recoverable	11	n	µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Total organic carbon	3,280		µg/L	GE
2	Total organic halogens	80		µg/L	GE
0	1,1,1-Trichloroethane	<1 7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
0	Gross alpha	S.0E4S*81E-10		µCi/mL	GP
0	Nonvolatile beta	4.2E-09±6.8E-10		µCi/mL	GP
2	Tritium	3.0E-05±1.3E-06		µCi/mL	GP

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/22/95 — Time 10:45
Depth to water 2500fl (?.62 m) below TOC — pH 6.2
Water elevation 26S.20 ft (80.83 m) msl
Sp. conductance 45 µS/cm — Water temperature 20.5°C
Turbidity 248 NTU — Air temperature 17.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.5	J/Q/L	pH	GE
0	Specific conductance	64		µS/cm	GE
2	Aluminum, total recoverable	1,100		µg/L	GE
0	Cadmium, total recoverable	1.0	J/E	µg/L	GE
0	Carbon tetrachloride	<1 7		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
2	Iron, total recoverable	666		µg/L	GE
0	Lead, total recoverable	11		µg/L	GE
2	Manganese, total recoverable	128		µg/L	GE
0	Mercury, total recoverable	<0.20	/V	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	1,370		µg/L	GE
0	Total organic halogens	<10		µg/L	GE
0	Total organic halogens	<10		µg/L	GE
0	1,1,1-Trichloroethane	<1 7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
0	Gross alpha	2.9E-09±1.0E-09	J	µCi/mL	GP
0	Nonvolatile beta	3.8E-09±1.0E-09		µCi/mL	GP
2	Tritium	4.1E-05±3.4E-06		µCi/mL	GP

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/95 — Time 10:40
Depth to water 50.00 ft (15.24 m) below TOC — pH 5.5
Water elevation 27370 ft (83 42 m) msl
Sp. conductance 68 µS/cm — Water temperature 16.9°C
Turbidity 28 NTU — Air temperature 8.8°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.9	J/Q/L	pH	GE
0	Specific conductance	58		µS/cm	GE
2	Aluminum, total recoverable	686		µg/L	GE
1	Cadmium, total recoverable	4 3		µg/L	GE
0	Carbon tetrachloride	<1 7		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
1	Iron, total recoverable	241		µg/L	GE
0	Lead, total recoverable	6.2		µg/L	GE
1	Manganese, total recoverable	31		µg/L	GE
0	Mercury, total recoverable	0.66	/I	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	1,630	J/E	µg/L	GE
0	Total organic halogens	5 4	J/E	µg/L	GE
0	1,1,1-Trichloroethane	<1 7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
0	Gross alpha	2.3E-09±6.8E-10		µCi/mL	GP
0	Nonvolatile beta	34E48~ 1.0E-09		µCi/mL	GP
1	Tritium	1.5E-05±8.2E-07		µCi/mL	GP

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/95 — Time 11:30
Depth to water 54 00 ft (16 46 m) below TOC — pH 5.6
Water elevation 270.80 ft (82.54 m) msl
Sp. conductance 39 µS/cm — Water temperature 20.3°C
Turbidity 34 NTU — Air temperature 10.1°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	J/Q/L	pH	GE
0	Specific conductance	60		µS/cm	GE
0	Specific conductance	60		µS/cm	GE
2	Aluminum, total recoverable	336		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1 7		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
0	Iron, total recoverable	97		µg/L	GE
0	Lead, total recoverable	9 4		µg/L	GE
2	Manganese, total recoverable	79		µg/L	GE
0	Mercury, total recoverable	0.3s	/I	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	2,350		µg/L	GE
0	Total organic halogens	18		µg/L	GE

WELL HTF 19 collected on 02/14/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1 1 1-Trichloroethane	<1 7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
o	Gross alpha	3.9E-09±1.2E-09		µCi/mL	GP
o	Nonvolatile beta	3.9E-09±1 1E-09		µCi/mL	GP
o	Tritium	98E416z7 0E-07		µCi/mL	GP

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/95 — Time 111 5
Depth to water 55.00 ft (16.76 m) below TOC — pH 4 8
Water elevation 269.90 ft (82.27 m) msl
Sp. conductance 55 µS/cm — Water temperature 207°C
Turbidity 9 NTU — Air temperature 14.8°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Moo	Unit	Lab
0	pH	4 7	J/Q/L	pH	GE
0	pH	4 7	J/Q/L	pH	GE
0	Specific conductance	43		µS/cm	GE
2	Aluminum, total recoverable	170		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1 7		µg/L	GE
0	Chloroform	<1 7		µg/L	GE
0	Iron, total recoverable	59		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Manganese, total recoverable	13		µg/L	GE
0	Mercury, total recoverable	0.68	II	µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Total organic carbon	1,230	J/E	µg/L	GE
0	Total organic halogens	18		µg/L	GE
0	1,1,1-Trichloroethane	<1 7		µg/L	GE
0	Trichloroethylene	<1 7		µg/L	GE
0	Gross alpha	-:.2E-13~47E-10	UI	µCi/mL	GP
o	Gross alpha	1.5E-09±7 1E-10		µCi/mL	GP
0	Nonvolatile beta	5.2E-10±9.7E-10	UI	µCi/mL	GP
0	Nonvolatile beta	1.0E-09±1 1E-09	UI	µCi/mL	GP
1	Tritium	1.5E-05±8.3E-07		µCi/mL	GP

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/95 — Time 11 :00
Depth to water 54.00 ft (16 46 m) below TOC — pH 5.7
Water elevation 277 70 ft (82.51 m) msl
Sp. conductance µS/cm — Water temperature 20.0°C
Turbidity 10 NTU — Air temperature 11 1°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.6	J/Q/L	pH	GE
0	Specific conductance	49		µS/cm	GE
2	Aluminum, total recoverable	33s		µg/L	GE
0	Cadmium, total recoverable	2.3	J/E	µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
0	Iron, total recoverable	132		µg/L	GE
0	Lead, total recoverable	6.0		µg/L	GE
2	Manganese, total recoverable	100		µg/L	GE
1	Mercury, total recoverable	1.2	n	µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Total organic carbon	1.640	J/E	µg/L	GE
0	Total organic halogens	11		µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Gross alpha	3.2E-09±1.0E-09		µCi/mL	GP
0	Nonvolatile beta	2.4E-09±9.4E-10		µCi/mL	GP
1	Tritium	1.6E-05±8.5E-07		µCi/mL	GP

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/95
Depth to water: 55.00 ft (16.76 m) below TOC
Water elevation: 278.50 ft (84.89 m) msl
Sp. conductance: 246 µS/cm
Turbidity: 33 NTU
No water was evacuated before sampling

Time: 1010
pH: 6.4

Water temperature: 19.6°C
Air temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.7	J/Q/L	pH	GE
0	pH	6.7	J/Q/L	pH	GE
0	Specific conductance	209		µS/cm	GE
2	Aluminum, total recoverable	707	/V	µg/L	GE
1	Cadmium, total recoverable	2.7	/V	µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
1	Iron, total recoverable	152		µg/L	GE
0	Lead, total recoverable	2.0	J/E	µg/L	GE
0	Manganese, total recoverable	8.9	/V	µg/L	GE
0	Mercury, total recoverable	<0.20		µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Total organic carbon	1.7s0		µg/L	GE
0	Total organic halogens	<10	J/Q/L	µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Gross alpha	4.0E-09±1.3E-09	/Y	µCi/mL	GP
0	Nonvolatile beta	4.7E-09±1.1E-09	V/VY	µCi/mL	GP
1	Tritium	1.2E-05±1.0E-06		µCi/mL	GP

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/95
Depth to water: 56.00 ft (17.07 m) below TOC
Water elevation: 278.00 ft (84.74 m) msl
Sp. conductance: 114 µS/cm
Turbidity: 39 NTU
No water was evacuated before sampling

Time: 6-45
pH: 6.1

Water temperature: 21.7°C
Air temperature: 17.1°C

USORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.3	J/Q/L	pH	GE
0	Specific conductance	107		µS/cm	GE
2	Aluminum, total recoverable	260	/V	µg/L	GE
0	Cadmium, total recoverable	<2.0	/V	µg/L	GE
0	Carbon tetrachloride	<1.7		µg/L	GE
0	Chloroform	<1.7		µg/L	GE
0	Iron, total recoverable	140		µg/L	GE
0	Lead, total recoverable	1.4	J/E	µg/L	GE
1	Manganese, total recoverable	34	/V	µg/L	GE
0	Mercury, total recoverable	0.64		µg/L	GE
0	Tetrachloroethylene	<1.7		µg/L	GE
0	Total organic carbon	3.080		µg/L	GE
1	Total organic halogens	43	J/Q/L	µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Gross alpha	2Z46.I7.3E-10		µCi/mL	GP
0	Nonvolatile beta	1. SE46*7.2E-10		µCi/mL	GP
2	Tritium	2.0E-05±1.6E-06		µCi/mL	GP

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/95
Depth to water: 58.00 ft (17.68 m) below TOC
Water elevation: 275.90 ft (84.10 m) msl
Sp. conductance: 65 µS/cm
Turbidity: 36 NTU
No water was evacuated before sampling

Time: 10:10
pH: 6.8

Water temperature: 21.1°C
Air temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.8	J/QY/L	pH	GE
0	Specific conductance	76	/Y	µS/cm	GE
2	Aluminum, total recoverable	410		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1.7	J/Q/L	µg/L	GE
0	Carbon tetrachloride	<1.7	J/QY/L	µg/L	GE
0	Chloroform	<1.7	J/Q/L	µg/L	GE
0	Chloroform	<1.7	J/QY/L	µg/L	GE
0	Iron, total recoverable	96		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Manganese, total recoverable	3.0	J/E	µg/L	GE
0	Mercury, total recoverable	o.%		µg/L	GE
0	Tetrachloroethylene	<1.7	J/Q/L	µg/L	GE
0	Tetrachloroethylene	<1.7	J/QY/L	µg/L	GE

WELL HTF 24 collected on 02/02/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total organic carbon	1.640	J/EY	µg/L	GE
1	Total organic halogens	49	/Y	µg/L	GE
0	1,1,1-Trichloroethane	<1.7	J/Q/L	µg/L	GE
0	1,1,1-Trichloroethane	<1.7	J/QY/L	µg/L	GE
0	nchloroethylene	<1.7	J/Q/L	µg/L	GE
0	Trichloroethylene	<1.7	J/QY/L	µg/L	GE
0	Gross alpha	1.3E-09±7.5E-10		µCi/mL	GP
0	Nonvolatile beta	1.6E-09±8.9E-10	UI	µCi/mL	GP
1	Tritium	2.0E-05±9.2E-07		µCi/mL	GP

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/95
Depth to water: 59.00 ft (17.98 m) below TOC
Water elevation: 275.30 ft (83.91 m) msl
Sp. conductance: 56 µS/cm
Turbidity: 40 NTU
No water was evacuated before sampling

Tim: 10:30
pH: 6.4

Water temperature: 22.2°C
Air temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.2	J/Q/L	pH	GE
0	Specific conductance	43		µS/cm	GE
2	Aluminum, total recoverable	284		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1.7	J/Q/L	µg/L	GE
0	Chloroform	<1.7	J/Q/L	µg/L	GE
1	Iron, total recoverable	158		µg/L	GE
0	Lead, total recoverable	3.2	J/E	µg/L	GE
0	Manganese, total recoverable	7.1		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1.7	J/Q/L	µg/L	GE
0	Total organic carbon	1,460	J/E	µg/L	GE
0	Total organic carbon	1.170	J/E	µg/L	GE
0	Total organic halogens	18		µg/L	GE
0	1,1,1-Trichloroethane	<1.7	J/Q/L	µg/L	GE
0	Trichloroethylene	<1.7	J/Q/L	µg/L	GE
0	Gross alpha	1.5E-09±7 OE-10		µCi/mL	GP
0	Nonvolatile beta	63E-1~7.2E-10	UI	µCi/mL	GP
1	Tritium	1.6E-05±8 4E-07		µCi/mL	GP

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/95
Depth to water: 59.00 ft (17.98 m) below TOC
Water elevation: 276.50 ft (84.28 m) msl
Sp. conductance: 55 µS/cm
Turbidity: 55 NTU
No water was evacuated before sampling.

Time: 9:45
pH: 6.1

Water temperature: 22.1°C
Air temperature: 14.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.2	J/Q/L	pH	GE
0	Specific conductance	60		µS/cm	GE
2	Aluminum, total recoverable	1,130		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1.7	J/Q/L	µg/L	GE
0	Chloroform	<1.7	J/Q/L	µg/L	GE
2	Iron, total recoverable	672		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Manganese, total recoverable	16		µg/L	GE
0	Mercury, total recoverable	0.38		µg/L	GE
0	Tetrachloroethylene	<1.7	J/Q/L	µg/L	GE
0	Total organic carbon	1,640		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	1,1,1-Trichloroethane	<1.7	J/Q/L	µg/L	GE
0	Trichloroethylene	<1.7	J/Q/L	µg/L	GE
1	Gross alpha	9.4E-09±1.8E-09		µCi/mL	GP
0	Nonvolatile beta	1.2E-08±1.5E-09		µCi/mL	GP
1	Tritium	1.2E-05±7 4E-07		µCi/mL	GP

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/95 — Time 9.25
Depth to water 54.00 ft (16 46 m) below TOC — pH 4.7
Water elevation 279.10 ft (85.07 m) msl
Sp conductance 109 µS/cm — Water temperature 21 6°C
Turbidity 231 NTU — Air temperature 15 6-C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.3	J/Q/L	pH	GE
0	Specific conductance	105		µS/cm	GE
2	Aluminum, total recoverable	987		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1 7	J/Q/L	µg/L	GE
0	Chloroform	20	J/Q/L	µg/L	GE
1	Iron, total recoverable	275		µg/L	GE
0	Lead, total recoverable	3.3	J/E	µg/L	GE
1	Manganese, total recoverable	31		µg/L	GE
0	Mercury, total recoverable	0.24	J/E	µg/L	GE
0	Tetrachloroethylene	<1 7	J/Q/L	µg/L	GE
0	Total organic carbon	1.100	J/E	µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	1,1,1-Trichloroethane	<1 7	J/Q/L	µg/L	GE
0	Trichloroethylene	<1 7	J/Q/L	µg/L	GE
1	Gross alpha	1 1E-06±2.1E-09		µCi/mL	GP
0	Nonvolatile beta	1 1E-06±1.5E-09		µCi/mL	GP
1	Tritium	1 1E-05±7.6E-07		µCi/mL	GP

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/95 — Time 11'10
Depth to water 58.00 ft (17.68 m) below TOC — pH 5.5
Water elevation 27570 ft (84 03 m) msl
Sp conductance 43 µS/cm — Water temperature 17.5°C
Turbidity 76 NTU — Air temperature 19.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.9	J/Q/L	OH	GE
0	Specific conductance	37		µS/cm	GE
2	Aluminum, total recoverable	900		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1.7	J/Q/L	µg/L	GE
0	Chloroform	<1 7	J/Q/L	µg/L	GE
1	Iron, total recoverable	277		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
o	Manganese, total recoverable	5.3		µg/L	GE
0	Mercury, total recoverable	<0.33		µg/L	GE
0	Tetrachloroethylene	<1 7	J/Q/L	µg/L	GE
0	Total organic carbon	<1.670		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	1 1 1-Trichloroethane	<1 7	J/Q/L	µg/L	GE
0	Trichloroethylene	<1 7	J/Q/L	µg/L	GE
0	Gross alpha	1 .6E*7.6E.1O		µCi/mL	GP
0	Nonvolatile beta	7. OE-1I26.SE-1O	UI	µCi/mL	GP
1	Tritium	1.0E-05±7.1E-07		µCi/mL	GP

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/95 — Time: 10:50
Depth to water: 56 00 ft (17.07 m) below TOC — pH: 5 3
Water elevation 277.50 ft (84.58 m) msl
Sp conductance 154 µS/cm — Water temperature: 20.7°C
Turbidity 30 NTU — Air temperature: 19.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.1	J/Q/L	pH	GE
o	Specific conductance	50		µS/cm	GE
2	Aluminum, total recoverable	276		µg/L	GE
o	Cadmium, total recoverable	<3.3		µg/L	GE
o	Carbon tetrachloride	<1.7	J/Q/L	µg/L	GE
o	Chloroform	<1 7	J/Q/L	µg/L	GE
o	Iron, total recoverable	29		µg/L	GE
O	Lead, total recoverable	<5 o		µg/L	GE
0	Manganese, total recoverable	8 4		µg/L	GE
o	Mercury, total recoverable	0.60		µg/L	GE
o	Tetrachloroethylene	<1 7	J/Q/L	µg/L	GE
O	Total organic carbon	1660		µg/L	GE
I	Total organic halogens	27		µg/L	GE
0	1,1,1-Trichloroethane	<1 7	J/Q/L	µg/L	GE
o	Trichloroethylene	1.2	J/QE/L	µg/L	GE

WELL HTF 29 collected on 02/02/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
o	Gross alpha	1 3E49~69E-10		µCi/mL	GP
0	Nonvolatile beta	7,6E-1C)X74E-10	UI	µCi/mL	GP
1	Tritium	2.0E-05±9.2E-07		µCi/mL	GP

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/95 — Time 11:30
Depth to water 50.00 ft (15.24 m) below TOC — pH 5 8
Water elevation 277.70 ft (84.64 m) msl
Sp. conductance 59 µS/cm — Water temperature
Turbidity 4 NTU — Air temperature 21.6°C
No water was evacuated before sampling — 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	51	J/Q/L	pH	GE
0	Specific conductance	46		µS/cm	GE
2	Aluminum, total recoverable	109		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1 7	J/Q/L	µg/L	GE
0	Chloroform	<1 7	J/Q/L	µg/L	GE
0	Iron, total recoverable	47		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
i	Manganese, total recoverable	26		µg/L	GE
0	Mercury, total recoverable	0.23	J/E	µg/L	GE
0	Mercury, total recoverable	0.23	J/E	µg/L	GE
0	Tetrachloroethylene	<1 7	J/Q/L	µg/L	GE
0	Total organic carbon	2.260		µg/L	GE
1	Total organic halogens	26		µg/L	GE
0	1,1,1-Trichloroethane	<1 7	J/Q/L	µg/L	GE
o	Trichloroethylene	<1.7	J/Q/L	µg/L	GE
0	Gross alpha	-1 .4E-10±3.6E-10	UI	µCi/mL	GP
0	Nonvolatile beta	3.6E-10±6.9E-10	UI	µCi/mL	GP
1	Tritium	1.2E45~74E47		µCi/mL	GP

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/02/95 — me 14'30
Depth to water: 58.00 ft (17.68 m) below TOC — pH: 5.4
Water elevation 271.10 ft (82.63 m) msl
Sp. conductance 46 µS/cm — Water temperature 21 6°C
Turbidity: 5 NTU — Air temperature 17.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.3	J/Q/L	pH	GE
0	pH	4 4	J/Q/L	pH	GE
0	Specific conductance	43		µS/cm	GE
2	Aluminum, total recoverable	66		µg/L	GE
0	Cadmium, total recoverable	<3.3		µg/L	GE
0	Carbon tetrachloride	<1 7	J/Q/L	µg/L	GE
o	Chloroform	12	J/Q/L	µg/L	GE
0	Iron, total recoverable	20		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Manganese, total recoverable	<3.3		µg/L	GE
0	Mercury, total recoverable	4.33		µg/L	GE
0	Tetrachloroethylene	<1 7	J/Q/L	µg/L	GE
0	Total organic carbon	<1.670		µg/L	GE
1	Total organic halogens	28		µg/L	GE
0	1,1,1-Trichloroethane	<1 7	J/Q/L	µg/L	GE
0	Trichloroethylene	<1 7	J/Q/L	µg/L	GE
0	Gross alpha	44E-I&6.6E-10	UI	µCi/mL	GP
0	Nonvolatile beta	3.9E-12±7 1E-10	UI	µCi/mL	GP
1	Tritium	1.oEa*70s47		µCi/mL	GP

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/14/95 — Time 1325
Depth to water 28.00 ft (8.53 m) below TOC — pH 53
Water elevation 277.50 ft (84.58 m) msl
Sp conductance 66 µS/cm — Water temperature 21 5°C
Turbidity 39 NTU — Air temperature 163-C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5 4	J/Q/L	pH	GE
0	Specific conductance	65		µS/cm	GE
2	Aluminum, total recoverable	643		µg/L	GE
2	Cadmium, total recoverable	5.4		µg/L	GE
o	Carbon tetrachloride	<1 7		µg/L	GE

WELL HTF 34 collected on 02/14/95, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloroform	<1 7		µg/L	GE
0	Chromium, total recoverable	<6 7		µg/L	GE
2	Iron, total recoverable	6.7S0		µg/L	GE
0	Lead, total recoverable	67		µg/L	GE
2	Manganese, total recoverable	1 %		µg/L	GE
0	Mercury, total recoverable	<0.33	/I	µg/L	GE
0	Tetrachloroethylene	<1 7		µg/L	GE
0	Total organic carbon	1.850		µg/L	GE
0	Total organic carbon	2.190		µg/L	GE
0	Total organic halogens	<8.3		µg/L	GE
0	1,1,1-Trichloroethane	<1.7		µg/L	GE
0	Trichloroethylene	<1.7		µg/L	GE
0	Gross alpha	8.2E-10±5.8E-10	UI	µCi/mL	GP
0	Nonvolatile beta	2.OE*S.2E-10		µCi/mL	GP
0	Tritium	8.0E-06±6.5E-07		µCi/mL	GP

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/23/95
Depth to water: 77.03 ft (23.48 m) below TOC
Water elevation: 247.57 ft (75.46 m) msl
Sp. conductance: 15 µS/cm
Turbidity: 17 NTU
Water evacuated before sampling: 145 gal

Time: 12:29
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.2°C
Air temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	20	J/E	µg/L	GE
2	Iron, total recoverable	339		µg/L	GE
0	Manganese, total recoverable	14		µg/L	GE

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/23/95
Depth to water: 74.62 ft (22.74 m) below TOC
Water elevation: 248.58 ft (75.77 m) msl
Sp. conductance: 15 µS/cm
Turbidity: 7 NTU
Water evacuated before sampling: 77 gal

Time: 11:02
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.0°C
Air temperature: 15.6°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	23		µg/L	GE
0	Iron, total recoverable	21		µg/L	GE
0	Manganese, total recoverable	1.3	J/E	µg/L	GE

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/95
Depth to water: 89.22 ft (27.19 m) below TOC
Water elevation: 216.98 ft (66.14 m) msl
Sp. conductance: 26 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling: 73 gal

Time: 10:15
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.9°C
Air temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	26		µg/L	GE
2	Aluminum, total recoverable	51	JV/EVY	µg/L	WA
1	Iron, total recoverable	226		µg/L	GE
0	Iron, total recoverable	79	/Y	µg/L	WA
0	Lead, total recoverable	8.5		µg/L	GE
0	Lead, total recoverable	6.3		µg/L	GE
0	Lead, total recoverable	8.7	J/EY	µg/L	WA
0	Manganese, total recoverable	2.3		µg/L	GE
2	Manganese, total recoverable	2.8	J/EY	µg/L	WA
2	Tritium	2.7E-05±2.1E-06		µCi/mL	GP
2	Tritium	2.6E-05±1.1E-06		µCi/mL	TM
2	Tritium	2.5E-05±1.1E-06		µCi/mL	TM

WELL HXB 1 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/24/95
Depth to water: 89.22 ft (27 19 m) below TOC
Water elevation. 216.66 ft (66 14 m) msl
Sp. conductance: 26 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling 73 gal

Time 1015
pH 4.9
Alkalinity O mg/L
Water temperature 199*C
Air temperature 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Aluminum, total recoverable	30		µg/L	GE
1	Aluminum, total recoverable	44	JV/EVY	µg/L	WA
2	Iron, total recoverable	427		µg/L	GE
0	Iron, total recoverable	46	/Y	µg/L	WA
0	Lead, total recoverable	10		µg/L	GE
0	Lead, total recoverable	8.6	J/EY	µg/L	WA
0	Manganese, total recoverable	2.2		µg/L	GE
0	Manganese, total recoverable	2.2	J/EY	µg/L	WA
2	Tritium	2.7E-05±2.0E-06		µCi/mL	GP
2	Tritium	2.5E-05±1.1E-06		µCi/mL	TM

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/246s
Depth to water: 48 00 ft (14.63 m) below TOC
Water elevation: 256.40 ft (78 15 m) msl
Sp. conductance: 20 µS/cm
Turbidity: 2 NTU
Water evacuated before sampling: 99 gal

Time 11:22
pH 5.0
Alkalinity: 1 mg/L
Water temperature 20.3°C
Atr temperature. 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	23		µg/L	GE
0	Aluminum, total recoverable	22		µg/L	GE
0	Barium, total recoverable	22		µg/L	GE
0	Iron, total recoverable	111		µg/L	GE
0	Iron, total recoverable	107		µg/L	GE
0	Lead, total recoverable	4.3	J/E	µg/L	GE
0	Lead, total recoverable	2.9	J/E	µg/L	GE
0	Manganese, total recoverable	2.3		µg/L	GE
0	Manganese, total recoverable	2.2		µg/L	GE
0	Nickel, total recoverable	12		µg/L	GE
0	silver, total recoverable	<0.65	/V	µg/L	GE
O	Tritium	2.1E-06±4.6E-07		µCi/mL	GP

WELL HXB 3

MEASUREMENTS CONDUCTTED IN THE FIELD

Sample date 02/24/95
Depth to water: 48.60 ft (14.81 m) below TOC
Water elevation 255.60 ft (77.91 m) msl
Sp. conductance 23 µS/cm
Turbidity: 1 NTU
Water evacuated before sampling 73 gal

Time: 11:59
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.0°C
Air temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Aluminum, total recoverable	22		µg/L	GE
0	Iron, total recoverable	<18		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Lead, total recoverable	<5.0		µg/L	GE
0	Manganese, total recoverable	1.4	J/E	µg/L	GE
0	Tritium	6.6E-06±6.4E-07		µCi/mL	GP

WELL HXB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/24/95
Depth to water: 51.33 ft (15.65 m) below TOC
Water elevation 255.67 ft (77 63 m) msl
Sp. conductance 165 µS/cm
Turbidity: 23 NTU
Water evacuated before sampling 12 gal
The well went dry during purging

Time 1049
pH 66
Alkalinity 19 mg/L
Water temperature 19.4°C
Air temperature 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Aluminum, total recoverable	179		µg/L	GE
0	Iron, total recoverable	95		µg/L	GE
0	Lead, total recoverable	4.1	J/E	µg/L	GE
0	Manganese, total recoverable	9.5		µg/L	GE
0	Tritium	9.9E-06±8.7E-07		µCi/mL	GP

Well HSL 8D collected on 04/28/95 (cont)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
2	Tritium	3 0E-03±18E-04				1 8E+04	µCi/mL	GP	EPIA-002
o	Yttrium-88	-6 6E-10±2 6E-09	UI			46E+CU	µCi/mL	GP	EPIA-013
o	Yttrium-88	35E-0si4. 1E-09	UI			5 8E+00	µCi/mL	GP	EPIA-013
o	Yttrium-66	47E49:78E49	UI			27E+01	µCi/mL	GP	EPIA-013
o	Yttrium-88	40E4629 7E-09	UI			36E+01	µCi/mL	GP	EPIA-013
o	Zinc-65	-2 0E-09±3 6E-09	UI			63E+O0	µCi/mL	GP	EPIA-013
o	Zinc-65	-9 6E-10&37EQ9	UI			6 6E+00	µCi/mL	GP	EPIA-013
0	Zinc-65	-17E-08±12E-08	UI			3 9E+01	µCi/mL	GP	EPIA-013
o	Zinc-65	-2 1E-08±16E-08	UI			53E+01	µCi/mL	GP	EPIA-013
0	Zirconium-95	-1 5E-09±41E-09	UI			7 0E+00	µCi/mL	GP	EPIA-013
O	Zirconium-95	-3 5E-10*3 8E-09	UI			7 0E+00	µCi/mL	GP	EPIA-013
o	Zirconium-95	-2 3E41W16E4t6	UI			56E+01	µCi/mL	GP	EPIA-013
o	Zirconium-95	-1 4E~i24E~	UI			62E+01	µCi/mL	GP	EPIA-013

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/2S'65
Depth to water: 37.92 ft (11.56 m) below TOC
Water elevation: 272.18 ft (82.96 m) mat
pH: 5.5
Sp. conductance: 28 µS/cm
Turbidity: 40 NTU
Water evacuated from the watt **prior** to **sampling**: 24 get
The well went dry during purging.

Time: 11:42
Water temperature: 19.8 °C
Air temperature: 22.7 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Me
o	pH	5.9	J	Q		0 10	pH	WA	EPA150 1
0	Specific conductance	36		V		4.0	µS/cm	WA	EPA1201
o	Chloride	2,080				200	µg/L	WA	EPA300 O
o	Nitrate as nitrogen	978				60	µg/L	WA	EPA3532
O	Nitrite as nitrogen	<20	J	Q		20	µg/L	WA	EPA3532
0	Sodium, total recoverable	1,530		V		4.?	µg/L	WA	EPA2007
0	Total dissolved solids	53,000				42,600	µg/L	WA	EPA1601

WELL HSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/65
Depth to water: 33.23 ft (10.13 m) below TOC
Water elevation: 271.17 ft (82.65 m) msl
pH: 5.2
Sp. conductance: 27 µS/cm
Turbidity: 1 NTu
water **evacuated from** the watt **prior to sampling**: 79 gal

Time: 9:17
Water temperature: 19.1 °C
Air temperature: 22 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	52	J	Q	L	0010	pH	GE	EPA1501
0	pH	5.3	J	Q		010	pH	WA	EPA1501
0	Specific conductance	25				0 30	µsJan	GE	EPA1201
0	Specific conductance	26		v		4.0	µS/cm	WA	EPA1201
0	Chloride	2.070				250	µg/L	GE	EPA300 O
0	Chloride	2,310	J	E		3,470	µg/L	WA	EPA300 O
0	Chloride	2,340	J	E		3.470	µg/L	WA	EPA300 O
0	Nitrate es nitrogen	1,040				60	µg/L	WA	EPA3532
0	Nitrate-nitrite e s nitrogen	1,230				100	µg/L	GE	EPA3531
0	Nitrite as nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300 O
0	Nitrite e s nitrogen	30	J	EQ		20	µg/L	WA	EPA3532
0	Sodium, total recoverable	1,740				100	µg/L	G E	EPA6010
0	Sodium, total recoverable	1,550		v		4 7	µg/L	WA	EPA200 7
0	Tdet dissolved solids	39,000				5,000	µg/L	GE	EPA1601
0	Total dissolved solids	34,000				5,000	µg/L	GE	EPA1601
0	Total dissolved solids	38,000	J	E		42,800	µg/L	WA	EPA1601

WELL HSS 2D Replicate

MEASUREMENTS CONDUCTED INTHE FIELD

Sampl date: **04/28/95**
Depth water: 33.23 ft 1(1.13 m) below TOC
Water elevation: 271.17 ft(82.65 m) msl
pH: 5.2
Sp. conductance: 27 µS/cm
Turbidity: 1 NTU
Water **evacuated from** the watt **prior to sampling**: 79 gal

Time: 9:17
Water temperature: 19 1 °C
Air temperature: 22 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	pH	5 2	J	Q	L	0010	pH	GE	EPA1501
0	pH	5.3	J	Q		010	pH	WA	EPA1501
0	Specific conductance	25				030	µS/cm	GE	EPA1201
0	Specific conductance	26		v		4.0	µS/cm	WA	EPA1201
0	Chloride	2,040				250	µg/L	GE	EPA300 O
0	Chloride	2,370	J	E		3,470	µg/L	WA	EPA300 O
0	Nitrate e nitrogen	1,030				60	µg/L	WA	EPA3532
0	Nitrate-nitrite e s nitrogen	1,240				100	µg/L	GE	EPA3531
0	Nitrite e s nitrogen	<5.0	J	Q	L	5.0	µg/L	GE	EPA300 O
0	Nitrite e nitrogen	20	J	EQ		20	µg/L	WA'	EPA353.2
0	Sodium, total recoverable	1,740				100	µg/L	GE	EPA6010
0	Sodium, total recoverable	1,560		v		4 7	µg/L	WA	EPA2007
0	Total dissolved solids	36,000				5,000	µg/L	GE	EPA160 1
0	Total dissolved solids	36,000	J	E		42,600	µg/L	WA	EPA160 1

WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/%
Depth to water: 24.06 ft (7.33 m) below TOC
Water elevation: 285.74 ft (87.09 m) msl
pH:4.9
Sp. conductance: 26 µS/cm
Turbidity: 173 NTU
water evacuated **from the** watt **prior to sampling** 10 gal
The well went dry during purging.

Time: 11:57
Water temperature: 19.6 °C
Air temperature: 21 5 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Leb	Method
0	pH	4.6	J	Q		010	pH	WA	EPA1501
0	Specific conductance	38		V		4.0	µS/cm	WA	EPA1201
0	Chloride	3,480				200	µg/L	WA	EPA300 O
0	Nitrate as nitrogen	889				60	µg/L	WA	EPA3532
O	Nitrite as nitrogen	<20	J	Q		20	µg/L	WA	EPA3532
O	Sodium, total recoverable	2,420		V		4.7	µg/L	WA	EPA2007
0	Total dissolved solids	8,000	J	E		42,600	µg/L	WA	EPA1601

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: 05/16/S5
Depth to water: 49.75 ft (15.16 m) below TOC
Water elevation: 274.6S ft(83.71 m) msl
pH: Not ● rdlabb
Sp. conductance: Not ● vdtabb
Turbidity: Not available
No water was evacuated from the watt prior to sampling

Time: 11:45
Water temperature: Not available
Air temperature: Not ● dtabb
Alkalinity Not ● vdtebb
Phenolphthalein alkalinity Not available

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sampleate: 05/16/95
Dapto water: 50.3 ft 1(15.33 m) below TOC
Water elevation: 273.6 ft(83.39 m) msl
pH: Not available
Sp. conductance: Not ● veitable
Turbidity: Not ● v8itabb
No water was **evacuated from the** well prior to sampling

Time: 12.00
Water temperature: Not ● valtabb
Air tampeiture: Not ● fdtabb
Alkalinity Not ● vdtabb
Phenolphthalein ● **lkdlntty** Not ● fdlabb

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/95
Depth to water: 46.55 ft (14.8 m) bebw TOC
Water elevation: 273.95 (83.5 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: 1130
Water temperature: Not available
Air temperature: Not available
Alkalinity Not available
Phenolphthalein ● tkdtflity: Not available

WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/s5
Depth to water: Not available
Water elevation: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 10:00
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/95
Depth to water: 26.84 ft (8.18 m) below TOC
Water elevation: 263.36 ft (80.27 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to -

Time: 12:15
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/05
Depth to water: 54.3 ft (16.55 m) below TOC
~H~~w~2604 (82.ft11 m) met
pH
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling

Time: 1030
Water temperature: Not available
Atr temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/95
Depth to water: 55.56 ft (16.93 m) below TOC
Water elevation: 269.24 (82.07 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: 10:45
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sarie date: 05/16/95
Deg to water: 56.37 ft 17(18 m) betow TOC
Water elevation: 268.53 (81.85 m) msl
pH: Not available,
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: 1 1:00
waler temperature: Not available
Atr tomperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/95
Depth to water: 54.6 ft (16.64 m) below TOC
Water elevation: 270.1 ft (82.33
pH: Not available
Sp. conductance: Not available m) msl
Turbidity: Not available
No water was evacuated from the Wtt prior 10 sampling.

Time: 11:15
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HXB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Semplete: 04/26/0S
Depth water: 49.93 R 15(22 m) betow TOC
Water elevation: 257.07ft(78.36 m) msl
pH: 8.3
Sp. conductance: 292 µS/cm
Turbidity: 18 NTU
Water evacuated from the well prior to sampling: 13 gel
The well went dry during purging.

Time: 8:49
Water temperature: 16.8 °C
Air temperature: 12.6 °C
Alkalinity: 15 mg/L
Phenolphthalein alkalinity: O mg/L

laboratory ANALYSES

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
O	Total petroleum hydrocarbons	<1,670				1,670	µg/L	GE	EPMf81

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/95
Depth to water: 56.87 ft (17.33 m) below TOC
Water elevation: Not available
pH: 5.7
Sp. conductance: 33 µS/cm
Turbidity: 44 NTU
Water evacuated from the well prior to sampling: 8 get

The: 1018
Water temperature: 21.7 °C
Air temperature: 26.4 °C
Alkalinity: 7 mg/L
Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	Tritium	24E45&9 1E-07				1 5E+03	µCi/mL	EM	3018-1420
2	Tritium	24E45i9 1E-07				15E+03	µCi/mL	EM	3018-1420
2	Tritium	24E4E5*9. 1E-07				1.5E+03	µCi/mL	EM	3018-1420

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05123165
Depth water: 57.1 ft (17.4 m) below TOC
Water elevation: Not available
pH: 5.5
Sp. conductance: 23 µS/cm
Turbidity: 115 NTU
Water evacuated from the well prior 10 sampling: 8 gal

Time: 9:22
Water temperature: 21.7 °C
Air temperature: 21.5 °C
Alkalinity: 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/95
Depth to water: 57.16 ft (17.42 m) below TOC
Water elevation: Not available
pH: 5.8
Sp. conductance: 33 µS/cm
Turbidity: 77 NTU
Waler evacuated from the wtt prior to sampling: 16 gal

Time: 9.37
Water temperature: 21.5 °C
Air temperature: 23.5 °C
Alkalinity: 1 mg/L
Phenolphthalein alkalinity 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	Tritium	24EG5t9 9E-07				1 5E+03	µCi/mL	E'	31'6-1420
	Tritium	24E-05t9 9E-07				1 5E+03	µCi/mL	E	4-1420

WELL H SL 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/26/95
Depth to water: 36.66 ft (11.84 m) below TOC
Water elevation: 249.8ft (76. 15 m) msl
pH: 6.6
Sp. conductance: 129 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior 10 sampling: 46 gal

Time: 10:16
Water temperature: 22.7°C
Air temperature: 30 2*C
Alkalinity: 55 mg/L
Phenolphalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nitrate-nitrite as nitrogen	<100				100	µg/L	GE	EPA353 1
0	Nitrate-nitrite as nitrogen	<1oo				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	11,s00				100	µg/L	GE	EPA601OA
0	Actinium-228	4.8E-09±7.0E-09	UI			1 4E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	-1.3E-09±2.2E-09	UI			37E-02	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.2E-09±6.1E-09	UI			86E@6	µCi/mL	GP	EPIA-013
0	Barium-133	5.1E-10±2.3E-09	UI			4 0E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-9.1E-10±1.3E-08	UI			23E0s	µCi/mL	GP	EPIA-013
o	Cesium-134	9 2E-10±1.7E-09	UI			32E@6	µCi/mL	GP	EPfA-013
0	Cesium-137	1.0E-10±1.9E-09	UI			35E-06	µCi/mL	GP	EPIA-013
Q	Cobalt-57	-1.5E-09±1.8E-09	UI			2.8E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	4.1E-10±2.2E-09	UI			4.0E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.8E-10±2.1E-09	UI			4.02-02	µCi/mL	GP	EPIA-013
0	Europium-152	7.9E-10±5.1E-09	UI			8.9E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1 9E-08±1.9E-08	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-5.0E-09±7.6E-09	UI			1.2E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	1.9E-09±7.9E-10				7.6E-10	µCi/mL	GP	EPIA-001
0	Lead-212	4.5E-09±4.7E-09	UI			7.4E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	32E-10±2.0E-09	UI			37E-06	µCi/mL	GP	EPfA-013
0	Neptunium-239	25E-*1.3E.06	UI			2.1E-08	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2 0E-09±7.5E- 10				1 3E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.8E-09±3.7E-08	UI			4.1E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-O.6E-10*1.6E-O6	UI			3 0E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	6.0E-10±2.3E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-2.5E-09±1.6E-08	UI			2.9E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.6E-10±1.5E-09	UI			2.9E-09	µCi/mL	GP	EPIA-013
1	Thorium-234	2.3E-07±1.5E-07				1.5E-07	µCi/mL	GP	EPIA-013
0	Tin-113	-1.6E-09±2.6E-09	UI			4.1E-09	µCi/mL	GP	EPIA-013
0	Tritium	2.1E-06±3.3E-07				46E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	6.7E-10±2.0E-09	UI			4.3E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-5.1E-09±3.7E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-3.4E-09±4.2E-09	UI			6.8E-09	µCi/mL	GP	EPIA-013

WELL HSL 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/26/S5
Depth to water: 37.61 ft (11,46 m) below TOC
Water elevation: 251.09ft (76.53 m) msl
pH: 11.2
Sp. conductance: 706 µS/cm
Turbidity: 2 NTU
Waler evacuated from the watt prior to sampling: 51 gal

Time: 9:34
Water temperature: 22.5°C
Air temperature: 31 "C
Alkalinity: 175 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	8	SOL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	200				100	µg/L	GE	EPA353.1
0	Sodium, total recoverable	14,300				100	µg/L	GE	EPA601OA
0	Actinium-228	-4.2G1oA3.7E-o6	UI			6.7E-09	µCi/mL	GP	EPIA-013
0	Antimony - 124	6.6E-1OS1.5E.O6	UI			2.7E-09	µCi/mL	GP	EPfA-013
0	Antimony-125	-1.0E-10±3.0E-09	UI			5.3E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.7E-09±1.6E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.3E-09±9.1E-09	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	cash- 134	-6.7E-10±1.3E-09	UI			1.9E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.3E-10±1.4E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.0E-10±1.1E-09	UI			1.92-09	µCi/mL	GP	EPfA-o13
0	Cobalt-58	6.8E-10±1.3E-09	UI			24E-06	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.5E-10±1.1E-09	UI			2.1E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1 2E-09±3.1E-09	UI			5.5E-09	µCi/mL	GP	EPIA-013
o	Europium-154	-9.5E-09±1.0E-08	UI			1.6E-08	µCi/mL	GP	EPIA-013
0	Europium- 155	3.3E-1OS46E-02	UI			9.3E-09	µCi/mL	GP	EPIA-013
0	Gross lpha	2.OE-0W65E.1o				7.2E-10	µCi/mL	GP	EPIA-001
0	lead-212	8.1E-10±5.0E-09	UI			46E-02	µCi/mL	GP	EPIA-013

WON HSL8C collected on 07/26/95 (cent)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Manganese-54	-1 0E-09±11E-09	UI			1.8E-09	µCi/mL	GP	EPIA-013
O	Neptunium-239	-2.3E-09±8.4E-09	UI			1 4E-08	µCi/mL	GP	EPIA-013
o	Nonvolatile beta	33E4W*6 OE-10				9 0E-10	µCi/mL	GP	EPIA-001
o	Potassium-40	20E4M*1.3E-00	UI			2.8E-08	µCi/mL	r3P	EPIA-013
O	Promethium-144	5.4 E-10±1.2E-09	UI			22E-02	µCi/mL	GP	EPIA-013
o	Promethium-146	-5 0E-10±15E-09	UI			2.7E-09	µCi/mL	GP	EPIA-013
o	Ruthenium-106	-4 1E-09±12E-08	UI			2 0E-08	µCi/mL	GP	EPIA-013
o	Sodium-22	-1.1 E-1 O*1.2E-O9	UI			2.1E-09	µCi/mL	GP	EPIA-013
O	Thorium-234	3.2E-08±6.7E-08	UI			7.3E-08	µCi/mL	GP	EPIA-013
0	Tin-113	-6.1E-10±1.7E-09	UI			302-0s	µCi/mL	GP	EPIA-013
1	Tritium	1.9E-05±1.1E-06				6 1E-07	µCi/mL	GP	EPIA-002
O	Yttrium-66	-4 3E-10±15E-09	UI			23E-06	µCi/mL	GP	EPIA-013
o	Zinc-65	-3.7E-104.4E-O9	UI			42E-06	µCi/mL	GP	EPIA-013
O	Zirconium-95	1.5E-09±2.5E-09	UI			4.7E-09	µCi/mL	GP	EPIA-013

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 27.84 ft (849 m) betow TOC
Water devotion: 260.S6ft(79.51 m) msl
pH: 5
Sp. conductance: 149 µS/cm
Turbidity: 1 NTU
Water evacuated from the weff prior to sampling: 24 gal

Time: 8:34
Water temperature: 23.2°C
Air temperature: 26.2°C
Alkalinity: 2 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	Nitrate-nitrite as nitrogen	14,800				4*OW	µg/L	GE	EPA353.1
0	Sodium, total recoverable	21,000				100	µg/L	GE	EPA601oA
0	Actinium-228	0.0E+00	UI			1 6E-08	µCi/mL	GP	EPIA-013
0	Antimony-124	4.1E-09±3.4E-09	UI			5 0E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.8E-09±4.9E-09	UI			76E-09	µCi/mL	GP	EPIA-013
0	Barium-133	1.6E-10±2.7E-09	UI			4 1E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.0E-08±1.3E-08	UI			22E-06	µCi/mL	GP	EPIA-013
0	Cesium-134	3.0E-09±2.5E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.1E-09±2.3E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	7.5E-10±1.8E-09	UI			3.1E-09	µCi/mL	GP	EPIA-013
0	Cobalt-58	9 4E-10±2.3E-09	UI			392-0s	µCi/mL	GP	EPIA-013
0	Cobalt-60	1 2E-09±1.8E-09	UI			37E-06	µCi/mL	GP	EPIA-013
0	Europium-152	3.6E-09±5.3E-09	UI			9.7E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-6.5E-09±1.8E-08	UI			3 0E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.2E-09±7.5E-09	UI			1 3E-08	µCi/mL	GP	EPIA-013
0	Gross lpha	2.6E-09±1.1E-09	J	c		1.1E-09	µCi/mL	GP	EPIA-001
0	Lead-212	5 0E-09±4.7E-09	UI			7 1E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.8E-10±1.9E-09	UI			34E-02	µCi/mL	GP	EPIA-013
0	Neptunium-239	-4.2E-09±1.3E-08	UI			2 1E-08	µCi/mL	GP	EPIA-013
1	Nonvolatile beta	2.8E-08±2.2E-09	J	c		1.6E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.4E-08±2.4E-08	UI			46E-06	µCi/mL	GP	EPIA-013
0	Promethium-144	1.9E-09±1.8E-09	UI			37E-03	µCi/mL	GP	EPIA-013
0	Prorne@rhrrn-146	3.2E-10±2.6E-09	UI			44E@3	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.1E-08±1.7E-08	UI			3 3E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.1E-10±1.8E-09	UI			3 1E-09	µCi/mL	GP	EPIA-013
0	Thorium-234	9.9E-08±1.6E-07	UI			1 4E-07	µCi/mL	GP	EPIA-013
0	Tin-l 13	-7.6E-10±2.6E-09	UI			44E02	µCi/mL	GP	EPIA-013
0	Total activity	1 2E-03±2.6E-05				1 5E-08	µCi/mL	EM	301.6-1420
2	Tritium	1.2E-03±6.0E-05				78E-06	µCi/mL	GP	EPfA-002
0	Yttrium-88	-4 8E-10±2.3E-09	UI			44E09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3 2E-09±4 0E-09	UI			6 7E-09	µCi/mL	GP	EPIA-013
0	Zirconium-95	-6 8E-10±4.3E-09	UI			7.6E-09	µCi/mL	GP	EPIA-013

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

sample date: 07/18/95
Depth to water: 7.6 ft (2.32 m) below TOC
Water elevation: 274.4ft (83.64 m) msl
pH: 6.9
Sp. conductance: 197 µS/cm
Turbidity: 141 NTU

Time: 8:30
Air temperature: 30°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

R	A	B	SOL	Unit	Lab	Method
J	Q	L	0.010	pH	GE	EPA150 1
			030	µS/cm	GE	EPA120.1
			1.4E-09	µCi/mL	GP	EPIA-001
			1.7E-09	µCi/mL t 3 P		EPIA-001
			1 2E-06	µCi/mL	GP	EPIA-002

Time: 8:40
Water temperature: 32°C
Air temperature: 34°C
Alkalinity: Not available
Phenolphthalein alkalinity Nd available

R	A	B	SOL	Unit	Lab	Method
J'	Q	L	0.010	pH	GE	EPA150. 1
			0.30	µS/cm	GE	EPA120.1
			O.5E-10	µCi/mL	GP	EPIA-001
			1.3E-09	µCi/mL	GP	EPIA-001
			1.2E-06	µCi/mL	GP	EPIA-002

Time: 9:00
Waler temperature: 33°C "
Air temperaters: 34°C °C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

R	A	B	SOL	Unit	Lab	Method
J	Q	L	0.010	pH	GE	EPA150. 1
			0.30	µS/cm	GE	EPA120.1
			1 . 1E-09	µCi/mL	GP	EPIA-001
			1.4E-09	µCi/mL	GP	EPIA-001
			1.1E-06	µCi/mL	GP	EPIA-002

Time: 9:10
Water temperature: 32.1°C
Air temperature: 34°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

Result	R	A	B	SOL	Unit	Lab	Method
6.6	J	Q	L	0.010	pH	GE	EPA1501
83				0.30	µS/cm	G E	EPA120.1
1.5 E-OW6.4E-10				o.5E-10	µCi/mL	GP	EPIA-001
3.4E-09±8.1E- 10				1 3E-09	µCi/mL	G P	EPIA-001
2.7E-05±2.0E-06				1.3E-06	µCi/mL	GP	EPIA-002

WELL HTF $

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07116/S5
Depth to water: 27.28 ft (8.32 m) below TOC
Water elevation: 278.52 ft (84.89m) msl
pH: 5.8
Sp. conductance: 41 µS/cm
Turbidity: 6 NTU

Time: 9:40
Water temperature: 33.5°C
Air temperature: 35°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.6	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	42				0.30	µS/cm	G E	EPA120.1
1	Gross a	1 4E-06±2 3E-09				7.2E-10	µCi/mL	GP	EPIA-001
2	Nonvola ile beta	32E-07*7.2E-09				1.62-02	µCi/mL	GP	EPIA-001
2	Tritium	3.1E-05±2.3E-06				1.4E-06	µCi/mL	GP	EPIA-002

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/95
Depth to water: 27.42 ft (8.36 m) below TOC
Water elevation: 277.98 ft (84.73 m) msl
pH: 6.5
Sp. conductance: 46 µS/cm
Turbidity: 203 NTU

Time: 1000
Water temperature: 33.8°C
Air temperature: 37°C
Alkalinity: Not available
Phenolphthalein alkalinity: Nd ● vdteble

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.1	J	(	2 L	0.010	pH	GE	EPA150.1
0	Specilk conductance	49				0.30	µS/cm	G E	EPA120.1
0	Gross alpha	5.5E-09±1.4E-09				1.4E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.3E-08±1.6E-09				1.6E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.2E-05±1.7E-06				1.2E-06	µCi/mL	GP	EPIA-002

WELL HTF 8 ,

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/95
Depth to water: 36.74 ft (11.2 m) below TOC
Water elevation: 268.96 ft (81.98 m) msl
pH:8.5
Sp. conductance: 62 µS/cm
Turbidity: 63 NTU

Time: 1020
Water temperature: 3 2 . 1 °C
Air temperature: 39.2°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.0	J	Q	L	0010	pH	GE	EPA150. 1
0	Specilic conductance	50				030	µS/cm	t3E	EPA120.1
o	Specific conductance	50				0.30	µS/cm	3E	EPA120.1
O	Gross /ph	2.0E-09±7 6E-10				9.5E- 1 0	µCi/mL	GP	EPIA-001
0	Nonvola ile beta	3.IE-0%86E- 10				1.4E-09	µCi/mL	G P	EPIA-001
1	Tritium	1.5 E-05±1.2E-06				9.7E-07	µCi/mL	G P	EPIA-002

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Samplate: 07/12/65
Depth to water: 49.37 ft (11.05 m) below TOC
Water elevation: 274.63 ft (83.71 m) msl
pH: 6.5
Sp. conductance: 80 µS/cm
Turbidity: 100 NTU

Time: 8:40
Water temperature: 28.6-C
Air temperature: 32°C
Alkalinity: Not available
Phenolphthalein alkalinity: Nd ● vettebte

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	pH	6.1	J	Q	L	0010	pH	GE	EPA1501
O	pecific conductance	58				030	µS/cm	G E	EPA120.1
O	Gross alpha	1 4E 09e66E.1o				9 1E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1 6E.09~69E.1o				1 3E 09	µCi/mL		EPIA-001
2	Tritium	4 5E-05±3 3E 06				1 7E 06	µCi/mL		EPIA-002

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/95
Depth to water: 48.2 ft (14.69 m) below TOC
Water elevation: 274.5 ft (83.67 m) msl
pH: 5.9
Sp. conductance: 142 µS/cm
Turbidity: 76 NTU

Time: 8:40
Water temperature: 25.6°C
Air temperature: 30.6°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.0	J	0	L	0010	pH	GE	EPA150 1
0	Specific conductance	98				0.30	µS/cm	GE	EPA120 1
0	Gross alpha	1.2E-09±5.3E-10	J	C		6.7E-10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	24E-09*7.5E-10				1.3E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.0E-05±2.1E-06				1.,32-06	µCi/mL	GP	EPIA-002

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/95
Depth to water: 48h(14.63 m) below TOC
Water elevation: 274.8 ft (83.76 m) msl
pH: 6
Sp. conductance: 116 µS/cm
Turbidity: 10 NTU

Time: 8:20
Water temperature: 26°C
Air temperature: 28.4°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.0	J	0	L	0010	pH	GE	EPA150 1
0	pecific conductance	59				0.30	µS/cm	GE	EPA120 1
O	Gross lph	92E-lti4.6E-10	J	c		6.0E-10	µCi/mL	GP	EPIA-001
0	Nonvola lee beta	2.0E-0W7.4E-10				1.2E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.7E-05±2.5E-06				1.5E-08	µCi/mL	GP	EPIA-002

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/95
Depth to water: 42 ft (12.8 m) below TOC
Water elevation: 260.9 ft (65.62 m) msl
pH: 5.8
Sp. conductance: 87 µS/cm
Turbidity: 60 NTU

Time: 9:40
Water temperature: 32.5°C
Air temperature: 34°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Roam	R	A	B	SOL	Unit	Lab	Method
o	pH	6.0	J	0	L	0.010	pH	GE	EPA150 1
0	Specific conductance	52				0.30	µS/cm	GE	EPA1201
0	Gross @ha	1.6E.OW.4E-10	J	c		1.32-09	µCi/mL	(3P	EPIA-001
O	Nonvolatile beta	1.4E-09±1.0E-09	UI			2.0E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.1E-05±3.7E-06				1.7E-08	µCi/mL	G P	EPIA-002

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/20/25
Depth to water: 48.97 ft (14.93 m) below TOC
Water elevation: 275.43 ft (83.95 m) msl
pH: 6.6
Sp: conductance: 142 µS/cm .
Turbidity: 169 NTU

Time: 1000
Waler temperature: 31.3°C
Air temperature: 40.2°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	7.0	J	0	L	0010	pH	GE	EPA150 1
0	Specific conductance	150				030	µS/cm	GE	EPA120 1
0	Gross alpha	3.8E-09±1.2E-09	J	C		1.5E-09	µCi/mL	GP	EPIA-001
O	Gross alpha	37E-02*1.1E-09	J	C		1.2E-09	µCi/mL	GP	EPIA-001
O	Nonvola tile beta	8.1E-09±1.4E-09				2.0E-09	µCi/mL	GP	EPIA-001

Well HTF 13 collected on 07/20/95 (cont)

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	Nonvolatile beta	9.0E-09±1.4E-09				1.8E-09	µCi/mL	GP	EPIA-001
2	Tritium	33E-05: 1.5E-06				1. 0E-06	µCi/mL	GP	EPIA-002

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/95
Depth to water: 50 ft (15.24 m) below TOC
Water elevation: 273.9 ft [83. 9 m) msl
pH: 6.2
Sp. conductance: 49 µS/cm
Turbidity: S5 NTU

Time: 10:20
Water temperature: 32.9*C
Air temperature: 40.1 "C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Re	R	A	B	SOL	Unit	Lab	Method
0	pH	6.1	J	Q	L	0.010	pH	GE	EPA1501
O	pecific conductance	51				0.30	µS/cm	GE	EPA1201
1	Gross lpha	07E42$1.6E-09	J	c		1.1E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	2.1E-08±1.9E-09				1.9E-09	µCi/mL	GP	EPIA-001
2	Tritium	33E-05~ 1.5E-06				1.0E-06	µCi/mL	G P	EPIA-002

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/95
Depth to water: 47.2 ft (14.36 m) below TOC
Water elevation: 275.3ft (83.91 m) msl
pH: 5.4
Sp. conductance: 57 µS/cm
Turbidity: 1000 NTU

Time: 10:40
Water temperature: 33.8°C
Air temperature: 42.4°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.1	J	Q	L	0010	pH	GE	EPA1501
0	Specilk conductance	59				0.30	µS/cm	GE	EPA120.1
O	Gross @tra	7.1E-09±1.4E-09	J	c		1.1E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	4.7E-09±1.1E-09				1.8E-09	µCi/mL	G P	EPIA-001
2	Tritium	2.8E-05±1.3E-06				93E-07	µCi/mL	G P	EPIA-002

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/95
Depth to water: 26.49 ft (8.07 m) below TOC
Water elevation: 283.71 ft (86.38 m) msl
pH: 5.6
Sp. conductance: 46 µS/cm
Turbidity: 80 NTU

Time: 11:10
Water temperature: 30.9°C
Air temperature: 43.1 "C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.3	J	Q	L	0010	pH	GE	EPA150.1
0	Specific conductance	45				030	µS/cm	GE	EPA120 1
O	Gross alpha	5.0E-09±1.3E-09				94E1o	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	63E.os*l.3E-09				1.8E-09	µCi/mL	GP	EPIA-001
2	Tritium	43E-05e3.2E-06				1.7E-06	µCi/mL	GP	EPIA-002

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/19/S5
Depth to water: 50.95 ft (15.53 m) below 10C
Water elevation: 272.75 ft (83.14 m) msl
pH: 5
Sp. conductance: 56 µS/cm
Turbidity: 5 NTU

Time: 9:10
Water temperature 266°C
Air temperature: 34-C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

Well HTF 18 collected on 07/1 9/95 (conl.)

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.6	J	Q	L	0.010	pH	GE	EPA150 1
0	Specif conductance					030	µS/cm	GE	EPA120 1
0	Gross alpha	;;E49*75E-10				75E- 10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.0E-09±8 8E-10				1 3E-09	µCi/mL	GP	EPIA-001
1	Tritium	t.6E-05:13E-06				1.0E-06	µCi/mL	GP	EPIA-002
1	Tritium	1 7E-05±14E-06				1.0E-06	µCi/mL	GP	EPIA-002

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: 07/12/95
Depth to waler: 54.74 ft (16.68 m) below TOC
Water elevation: 270.06 ft (82.32 m) msl
pH: 5.4
Sp. conductance: 39 µS/cm
Turbidity: 7 NTU

Time: 11:00
Water temperature: 28.3°C
Air temperature: 40°C
Alkalinity: Not available
Phenolphthalain alkalinity: Not ● vailable

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.7	J	Q	L	0010	pH	GE	EPA150.1
0	Specific conductance	45				0.30	µS/cm	G E	EPA120.1
O	Gross alpha	2.5E-09±7.9E-10				6.2E.1O	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3 0E-09±8.2E-10				1.3E-09	µCi/mL	G P	EPIA-001
0	Tritium	9.7E-06±8.5E-07				8.0E-07	µCi/mL	GP	EPIA-002

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/95
Depth to water: 55.85 ft (17.02 m) below TOC
Water elevation: 262.05 (82.01 m) mat
pH 5.2
Sp. conductance: 45 µS/cm
Turbidity: 26 NTU

Time: 10:00
Water temperature: 29.7°C
Air temperature: 38°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.7	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specific conductance					0.30	µS/cm	GE	EPA120. 1
O	Gross alpha	%E-o24.4E-1O				7.7E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.0E-09±7.7E-10				1.4E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.7E-05±1.3E-06				1.0E-06	µCi/mL	G P	EPIA-002

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/95
Depth to water: 54 ft (16.46 m) below TOC
Water elevation: 270.7 ft (82.51 m) msl
pH: 5
Sp. conductance: 46 µS/cm
Turbidity: 34 NTU

Time: 9:40
Water temperature: 31.1 "c
Air temperature:38°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.6	J	Q	L	0.010	pH	GE	EPA150. 1
0	Specik conductance	52				0.30	µS/cm	GE	EPA120. 1
0	Gross ● ptra	4.1E-09±1.0E-09				6. 1E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	42E-*9.IE-1O				1.4E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.9E-05±1.5E-06				1 . 1E-06	µCi/mL	GP	EPIA-002

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sampldata: 07/26/25
Depth to water: Not available
Waler elevation: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

lima: 1020
Water temperature: Not ● vailabla
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sampldata: 07/26/95
Depth towahm56tt(17,66 m) below TOC
Water elevation: 276 ft (84.1 3 m) msl
pH: 6
Sp. conductance: 113 µS/cm
Turbidity: 16 NTU

Time: 9:20
Water temperature: 26.6*C
Air temperature: 26.7°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	6.3	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	119				0.30	µS/cm	E	EPA120.1
O	Gross alpha	22E-0&7 OE-10	J	C		7.1E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.1E-09±7.4E-10	J	c		1 3E-09	µCi/mL	(3P	EPIA-001
1	Tritium	1.8E-05±1.0E-06				0 . 0E-07	µCi/mL	GP	EPIA-002

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: Not available
Water elevation: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 1030
Water temperature: Not ● vaitabla
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 59 ft (17.98 m) below TOC
Water elevation: 275.3 ft (83.91 m) msl
pH: 5.6
Sp. conductance: 44 µS/cm
Turbidity: 8 NTU

Time: 9:00
fiert9mpOf9tUf025.7°C
ir temperature: 26.5°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not ● vaitabla

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.4	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	43				030	µS/cm	GE	EPA120. 1
O	Gross alpha	1.1 E. W63E-10	J	C		9 6E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1 1E-09±7.0E- 10	UIJ	c		1 4E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.1E-05±1.2E-06				8 4E-07	µCi/mL	G P	EPIA-002

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 56.6 ft (11.66 m) below TOC
Water elevation: 276.9(84.4 m) msl
pH: 5.3
Sp. conductance: 60 µS/cm
Turbidity: 11 NTU

Time: 8:40
Water temperature: 26.6*C
Air mperature: 26°C
Alkalinity Not available
Phenolphthalein alkalinity: Not available

Well HTF 26 collected on 07/26/95 (cent)

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	pH	5.3	J	0	L	0010	pH	GE	EPA150 1
O	Specific conductance	54				030	µS/cm	GE	EPA120 1
1	Gross a lpha	9 1E-09±1 8E-09	J	C		1 2E-09	µCi/mL	G P	EPIA-001
O	Nonvolatile beta	1 1E-08±1 4E 06	J	C		1 5E-09	µCi/mL	G P	EPIA-001
1	Tritium	1. 1E-05±6 8E-07				63E-07	µCi/mL	GP	EPIA-002

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

e date: 07/26/95
~~towalar:56ft(17.07 m)below TOC
Water elevation: 277.1 ft (84.46 m) msl
pH: 5.7
Sp. conductance: 110 µS/cm
Turbidity: 77 NTU

Time: 8:20
Water temperature: 24.8°C
Air temperature: 26.3°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4 4	J	Q	L	0010	pH	GE	EPA150 1
0	pH	4,4	J	Q	L	0010	pH	GE	EPA150 1
0	Specific conductance	104				030	µS/cm	GE	EPA120.1
O	Gross alpha	6.9E-09±1 6E-09	J	C		8 6E- 10	µCi/mL	'3P	EPIA-001
0	Nonvola lila beta	7.2E-09±1 2E-09	J	C		1 4E-09	µCi/mL	GP	EPIA-001
1	Tritium	1 2E-05±7.2E-07				6.5E-07	µCi/mL	GP	EPIA-002

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth to water: 56.9 ft (17.34 m) below TOC
Water elevation: 276.8 ft (84.37 m) msl
pH: 4.8
Sp. conductance: 37 µS/cm
Turbidity: 76 NTU

Time: 10:00
Waler temperature: 23.8°C
Air temperature: 27.8°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANMYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	4.7	J	Q	L	0.010	pH	GE	EPA150.1
0	Specific conductance	38				030	µS/cm	GE	EPA120. t
O	Gross alpha	2.0E-09±9. 1E-10	J	C		1 2E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	2OE.*86E-10	J	C		1 SE-92	µCi/mL	GP	EPIA-001
O	Tritium	9.9E-06±6.3E-07				6. 0E-07	µCi/mL	GP	EP'A-002

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/95
Depth 10 water: 56.8 ft (17.31 m) below TOC
Water elevation: 276.7 ft (84.34 m) msl
pH: 4.8
Sp. conductance: 46 µS/cm
Turbidity: 6 NTU

Time: 9:40
Water temperature: 23.7*C
Air tempe rature: 27°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
O	pH	4.7	J	Q	L	0010	pH	GE	EPA150 1
O	Specific conductance	48				030	µS/cm	G E	EPA120.1
O	Gross l@a	1.8E-09±9 1E-10	J	C		1 3E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.6E-09±8.2E-10	J	C		1 5E-06	µCi/mL	GP	EPIA-001
1	Tritium	1.9E-05±1.1E-06				6. 1E-07	µCi/mL	G P	EPIA-002

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/95
Depth 10 water: Not available
Water elevation: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Inaccessibility or mechanical problem prevented sample collection.

Time: 10:40
Water temperature: Not available
Air temperature: Not available
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: 07/26/95
Depth to water: 53.44 It (16.29 m) below TOC
Water elevation: 275.66t(64.02 m) msl
pH: 6.5
Sp. conductance: 53 µS/cm
Turbidity: 18 NTU

Time: 8:00
Water temperature: 24.6*C
Air temperature: 26.3°C
Alkalinity: Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
0	pH	5.3	J	0	L	0010	pH	GE	EPA1501
0	Specific conductance	41				030	µS/cm	GE	EPA1201
0	Gross @ha	1 2E-O941E-1O	UIJ	C		1 4E-09	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	1 5E-*02E- 10	UIJ	C		1.6E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.0E-05±6 4E-07				6. 1E-07	µCi/mL	(3 P	EPIA-002
1	Tritium	1.0E-05±6 5E-07				6. 1E-07	µCi/mL	t 3 P	EPIA-002

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample dale: 07/20/95
Depth to water: 28.41 ft (8.66 m) below TOC
Water elevation: 277.19ft (84.46m) msl
pH: 5.3
Sp. conductance: 64 µS/cm
Turbidity: 30 NTU

Time: 8:00
Water temperature: 26.8°C
Alkalinity: Not a 28 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
o	pH	5.2	J	Q	L	0.010	pH	GE	EPA1501
0	Specific conductance	59				0.30	µS/cm	G E	EPA120.1
0	Gross @ha	1.2E-09±7.3E-10	J	c		6 7E- 10	µCi/mL	GP	EPIA-001
O	Nonvolatile beta	2.3E-U92E-1O				1 6E-09	µCi/mL	G P	EPIA-001
O	Tritium	9.1E-06±5.8E-07				62E-07	µCi/mL	GP	EPIA-002

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/95
Depth to water: 57.35 ft (17.48 m) below TOC
Water elevation: Not available
pH: 5.4
Sp. conductance: 25 µS/cm
Turbidity: 66 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 7:13
Water temperature 21.5°C
Air temperature: 21.2°C
Alkalinity: 3 mg/L
Phenolphthalein alkalinity: Not vailabte

ANMYSES

F	Analyte	Result	R	A	B	SOL	Unit	Lab	Method
2	Tritium	2 SE-OS*65E07				1 5E-06	µCi/mL	E M	3Q1-6-1420

APPENDIX G: RISK ASSESSMENT SUBMISSION DOCUMENTATION

Westinghouse
Savannah River Company

P O Box 616
Aiken SC 29802

ESH-ERG-94-0378

Judy 25, 1994

Mr. J. L. Crane
Federal Facilities Branch
Waste Management Division
U. S. Environmental Protection Agency, Region IV
345 Courtland Street, N. E.
Atlanta, GA 30365

Mr. K A. Collinsworth
SRS Project Manager
Bureau of Solid and Hazardous Waste Management
South Carolina Department of-Health --
and Environmental Control"
2600 Bull Street
Columbia, SC 29201

Dear Mr. Crane and Collinsworth:

TANK-16 BASELINE RISK ASSESSMENT (U)

Enclosed you will find the Baseline Risk Assessment package for the High-Level Radioactive Waste Tank 16. Contained in this package are three copies each of the following documents:

Analysis of Water and Soil from the Wetlands of Upper Three Runs Creek - Volumes 1, 2a, 2b, & 3. (WSRC-TR-92-415)

Sampling and Analysis of Water from Upper Three Runs and its Wetlands Near "Tank 16 and the Mixed Waste Management Facility (WSRC-TR-94-0277)

Fourmile Branch and Associated Seeplines Data Reports, - Volume 5 (WSRC-TR-92-304)

A Dose *Assessment--for Tank Farm Workers at Tank 16 (which* also includes *An Ecological Risk Assessment for the Tank 16 Waste Unit)* (WSRC-TR-94-0141)

This transmittal fulfills the commitment for a Tank 16- Baseline Risk Assessment that is due to your agency by July 28. 1994. Any questions regarding this package may be directed to Don Padgett at (803) 725-8935.

Yours very truly,

Donald W. Padgett for

J. W. Cook, Manager
Environmental Restoration & Geological Oversight
Environmental Protection Department

DWP:bjr
Enclosure